



NEWSLETTER

INTERNATIONAL SOCIETY OF CHEMICAL ECOLOGY

Vol. 10, No. 1, February, 1993

10th ANNUAL MEETING - CALL FOR PAPERS

The 10th annual ISCE meeting will be held July 31-August 4, 1993 at the Sheraton Sand Key Resort on Clearwater Beach, Florida. There will be five symposia and contributed paper sessions (See conference schedule, next page). Clearwater Beach is reached by flying to Tampa International Airport and then taking a 20 minute shuttle van to the beach. The area is a major world tourist destination (See October, 1992 Newsletter). Consider bringing your families or significant others!

Each scientific session will consist of presentations by invited speakers and regular contributed papers. Major talks will be 30 min. with 10 min. for questions. Contributed papers will be 12 min. with 3 min. for discussion. Poster presentations will include symposium themes as well as general chemical ecology. **Papers on all aspects of chemical ecology are solicited.**

Abstracts Participants wishing to present a paper (oral or poster) should complete the enclosed "Abstract form" and return it no later than June 1, 1993. Abstracts will not be retyped so please carefully follow the instructions on the form and use the sample format.

From the Editor

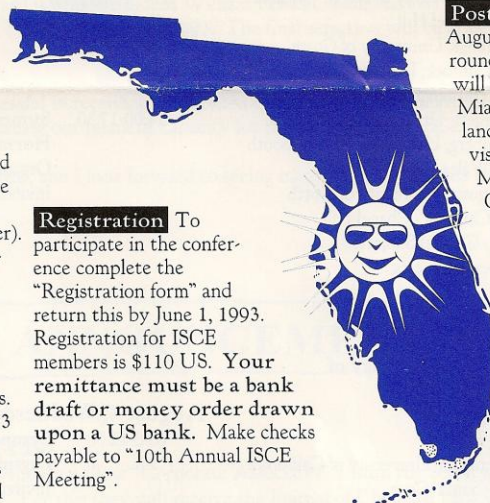
You should have 4 important inserts in this issue. They are: the Florida abstract form, the Florida registration form, the Florida accommodation form, and the student travel assistance form (2 sides). Please note that they have different deadlines and different destinations.

1993 dues notices were sent with the last newsletter. If you have not yet paid, please do so now by sending your check to Jim Nation or Martine Rowell-Rahier.

Nominations for ISCE Officers should be sent to Jacques Pasteels and for Silver Medal Awards to William Fenical. This should be done now. Deadline is April 1, 1993.

The next newsletter (June) will have room for "Personals". Send me your news! Also, we can publicize job opportunities, workshops, new books. Thanks for helping to make the newsletter interesting.

- John Romeo



Registration To participate in the conference complete the "Registration form" and return this by June 1, 1993. Registration for ISCE members is \$110 US. **Your remittance must be a bank draft or money order drawn upon a US bank.** Make checks payable to "10th Annual ISCE Meeting".

Accommodations Rooms at special group rates have been reserved at the Sheraton Sand Key Resort where all sessions will take place. The hotel is on the beach. The price of a room is \$76 U.S. per night. Each room has two double beds. Up to 2 adults and 2 children may share a room. **You must make your reservations directly with the hotel.** Fill out the "Hotel reservation form" and return it by June 30, 1993.

Post-Conference Excursion The August 5-12 trip to Costa Rica includes roundtrip flight from Miami (participants will have to fly or drive from Tampa to Miami); double rooms with private baths; land transfers; and all meals. Areas to be visited include a cloud forest - Monteverde; a dry deciduous forest - Guanacaste; and a tropical rain forest - Selva Verde. You should have already received trip details from Holbrook Travel which is making all of the arrangements. Write them **immediately** if you wish to go on this trip. Space is limited and several people have already reserved spots. *Holbrook Travel, 3540 NW 13 Street, Gainesville, FL 32609. Telephone 904-377-7111 or 800-451-7111. Cost is \$987 U.S. per person.*

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FLORIDA CONFERENCE SCHEDULE



July 31, Saturday

15:00-17:00 Registration
17:00-19:00 Welcome Reception

August 1, Sunday

8:30 Registration
9:00-12:30 **Symposium 1 - Marine Chemical Ecology**
Organizer - William Fenical
Invited Speakers -
Joseph Pawlik, University of North Carolina - Wilmington
Mark Hay, University of North Carolina - Chapel Hill
Steve Pennings, University of Guam
James McClintock, University of Alabama - Birmingham
Nancy Targett, University of Delaware
Peter Steinberg, University of New South Wales, Australia
Niels Lindquist, University of North Carolina - Chapel Hill
14:00-17:00 Contributed Papers - General Subjects
19:30-21:30 Poster Session - General Subjects



August 3, Tuesday

8:30-12:30 **Symposium 3 - Physical Stress & Chemical Ecology**
Organizers - John Romeo & Wittko Francke
Invited Speakers -
Jerry McClure, Miami University
Barbara Bentley, State University of New York - Stony Brook
John Pickett, Rothamsted Exp. Station, England
Rainer Jaenicke, University of Regensburg, Germany
14:00-17:30 **Symposium 4 - Insect Pheromones & Hormones**
Organizer - David Carlson
Invited Speakers -
Michel Cusson, Laval University -Quebec
Peter Teal, USDA-Gainesville, Florida
Phil Kersh, Trece, California
Terry Adams, USDA-Fargo, North Dakota
19:00- Banquet



August 2, Monday

8:30-12:30 **Symposium 2 - Chemical Ecology of Terpenoids**
Organizer - Jean Langenheim
Invited Speakers -
Jean Langenheim, University of California - Santa Cruz
Jonathan Gershenzon, Washington State University
Nicholas Fischer, Louisiana State University
Carl White, University of New Mexico
Junji Takabayashi, Kyoto University, Japan
14:00-17:00 Contributed Papers - General Subjects



August 4, Wednesday

8:30-12:30 **Symposium 5 - Tropical Chemical Ecology**
Organizers - Lincoln Brower & John Romeo
Invited Speakers -
Dan Janzen, University of Pennsylvania
Robert Trigo, University of Campinas, Brazil
Carla Restrepo, University of Florida
Colin Nichols Orians, Williams College
Doug Levy, University of Florida
Kelsey Downum, Florida International University



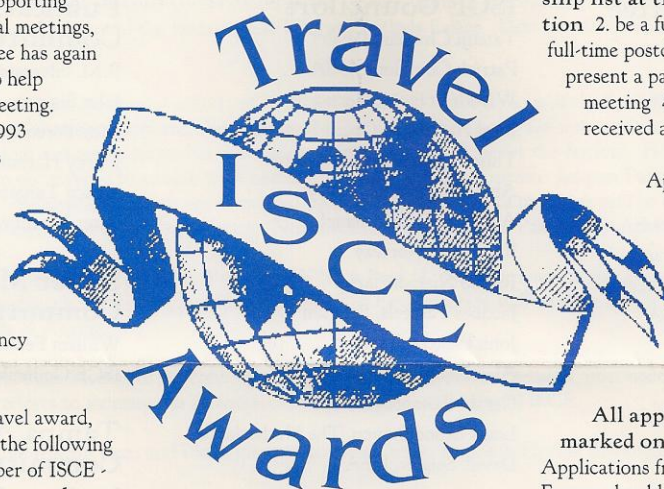
DEADLINES

Abstracts:	June 1 Mail to: John Romeo
Registration:	June 1 Mail to: John Romeo
Room Reservation:	June 30 Mail to: Sheraton Sand Key Resort
Costa Rica Excursion:	April 1 Mail to: Holbrook Travel
Student Travel Awards:	April 1 Mail to: Adolf Nahrstedt
1993 ISCE Dues:	Overdue Mail to: James Nation
ISCE Officer Noms.:	April 1 Mail to: Jacques Pasteels
ISCE Silver Medal Noms.:	April 1 Mail to: William Fenical

COMPETITIVE TRAVEL AWARDS FOR STUDENTS

Continuing its tradition of supporting student travel to attend annual meetings, the ISCE Executive Committee has again designated funds to be used to help students attend the Florida meeting. An application form for the 1993 competition is included in this newsletter. All student members of ISCE are encouraged to apply. Applications are evaluated by the Student Awards Committee whose members are: Drs. Adolf Nahrstedt, Nancy Targett, and Yoko Naya.

To be eligible for a student travel award, an individual must meet all of the following criteria: 1. be a paid-up member of ISCE - i.e. on the ISCE Secretary's member-



ship list at the time of the application 2. be a full-time graduate student or a full-time postdoctoral research associate 3. present a paper or poster at the Florida meeting 4. must not have previously received an ISCE travel grant.

Applications should be sent to:
Dr. Adolf Nahrstedt,
ISCE Student Awards
Committee, Westf.
Wilhelms-Univ., Inst.
Pharmazent. Biol. &
Phytochem.,
Hittorfstrasse 56,
Munster, 4400, Germany.

All applications must be post-marked on or before April 1, 1993. Applications from locations outside of Europe should be sent via air mail.

FUND RAISING

The ISCE recently received over \$24,000 U.S. in grants to support its programs and goals. We recognize and thank the following persons and organizations for this generous support. We are indebted to President Kenji Mori for establishing these contacts.

Mr. Akihiko Otsuka:	OTSUKA PHARMACEUTICAL CO. LTD. - TOKYO
Mr. Takateru Misugi:	NAGASE AND CO. LTD - TOKYO
Mr. Yuichiro Takeda:	FUJI CHEMICAL INDUSTRIES, LTD. - TOYAMA
Dr. Ryuzo Nishiyama:	ISHIHARA SANGYO KAISHA, LTD. - MIE-KEN
Dr. Suzuo Watanabe:	MEIJI SEIKA KAISHA, LTD - YOKOHAMA
Dr. Masahiko Ohki:	ROUSSEL MORISHITA CO., LTD - OSAKA
Dr. Keiichi Igarashi:	MITSUI-TOATSU CHEMICALS, INC. - TOKYO
Dr. Keiichi Morimoto:	KIRIN BREWERY COMPANY, LTD. - TOKYO
Mr. Masatomi Otsuka:	EARTH CHEMICAL CO., LTD - TOKYO
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Mr. Shozo Hasegawa:	T. HASEGAWA & CO., LTD - TOKYO
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Dr. Masaji Ohno:	EISAI CO., LTD. - IBARAKI
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Dr. Katsura Kogure:	NISSHIN FLOUR MILLING CO., LTD - SAIKAMA
Dr. Shigeru Muraki:	TAKASAGO INTERNATIONAL CORPORATION - TOKYO
Dr. Haruki Tsuruta:	TAKASAGO INTERNATIONAL CORPORATION - TOKYO
Dr. Tetsuo Hiraoka:	SANKYO CO., LTD - TOKYO

UPCOMING MEETINGS

Sixteenth Annual Ethnobiology Conference.
Boston, Massachusetts. 11-13 March, 1993.
Contact: Julie Hansen, Department of Archaeology, Boston University, 675 Commonwealth Ave., Boston, MS 02215 USA.

Biochemical Society.
"Molecular Botany: Signals and the Environment". London, England. 30 March - 2 April, 1993.
Contact: The Biochemical Society, 59 Portland Place, London W1N 3AJ, England. Telephone 071 580 5530. Fax. 071 637 7626.

Molecular Genetics of Plant-Microbe Interactions.
Ramada Renaissance Hotel, East Brunswick, New Jersey, USA. 21-24 April, 1993.

Contact: Office of Continuing Professional Education, Rutgers, The State University of New Jersey, Cook College, PO Box 231, New Brunswick, NJ 08903. Telephone 908-932-9271. FAX 908-932-87226.

OILB.

"Pheromone Technology in Europe and the Developing Countries". Chatham, Kent, England. 10-14 May, 1993.

Contact: Peter Beevor, Natural Resources Institute, Central Avenue, Chatham Maritime, Chatham, Kent, ME4 4TB, Telephone (44)634 8806677

Phytochemical Society of North America.

"Genetic Engineering of Plant Secondary Metabolism". Asilomar Conference Center, Pacific Grove, California. 27-30 June, 1993.
Contact: Gary Kuroki, DNA Plant Technology Corp., 6701 San Pablo Ave., Oakland, CA 94608. Telephone 510-547-2395.



Seventh International Symposium on Iron Nutrition and Interactions in Plants.

Zaragoza, Spain. 27 June- July 2, 1993.
Contact: Javier Abadia, Aula Dei Experimental Station, SIC, Apdo. 202, Zaragoza, Spain. Fax (34) -76-575620

International Symposium on Tropical Phytogeography.

Paris, France. 6-8 July, 1993.
Contact: Laboratoire de Botanique Tropicale, Universite Pierre et Marie Curie. Paris, 6, 12 rue Cuvier, 75005, Paris, France. Telephone 33 (1) 442-76527.

Vth International Conference on Toxic Marine Phytoplankton.

Nantes, France. 18-22 October, 1993.
Contact: Cite des Congres, 5 rue Valmy, 44041 Nantes, Cedex 10, France. Telephone (33)40 37 41 30

3rd International Congress on Amino Acids, Peptides and Analogues.

Vienna, Austria. 23-27 August, 1993.
Contact: G. Lubec, University of Vienna, Dept. of Paediatrics, Wahringer Gurte 18, A-1090 Vienna, Austria. Fax 43-1-40400-3238

Entomological Society of America.

Indianapolis, Indiana, USA. 12-16 December, 1993.
Contact: Doug Dahlman, Department of Entomology, S-225 Agricultural Sciences Building North, University of Kentucky, Lexington, KY, 40546-0091.

Kew International Compositae Conference.

Kew, England. July, 1994.
Contact: C. Jeffrey, Royal Botanic Gardens, Kew, Richmond, Surrey, TW9 3AE, England.

DUE RATES 1993

REGULAR MEMBERS (I)
(Australia, Canada, Japan, New Zealand, South Africa, United States, Western Europe) \$25 US or 35 SF

REGULAR MEMBERS (II)
(All other countries) \$10 US or 14 SF

STUDENT MEMBERS (I)
\$10 US or 14 SF

STUDENT MEMBERS (II)
\$5 US or 7 SF

LIFE MEMBERS
\$400 US or 560 SF

CORPORATE ASSOCIATE
\$1000 US

REMINDER

Look at your mailing label. We are now printing labels to show the status of members. Following your name you will see either the word "life" or a date. The date "1993" for example indicates that you are currently paid for this year. You are not required to pay for lapsed years, but check your status and pay your current dues if they are owed.

PRESIDENT'S LETTER

The Past-Presidents of the ISCE, Wittko Francke and Jacques Pasteels, initiated efforts to award His Majesty King Bhumibol Adulyadej of Thailand with the Natura Pro Futura Medal for his efforts in the Conservation of Biodiversity. Professors Francke and I went to Bangkok on January 26, 1993 and presented the medal to the King at Chitlada Palace. Details will be reported by Prof. Francke in the next issue of the newsletter.

The procedures for elections and nominations of officers of ISCE are described in the bylaws of the Society (see Membership Directory). This year we must elect a new Vice-President and also a Secretary. John Romeo's three-year term as Secretary will be finished in August. We all must thank him and congratulate him for the excellent job he has done for the Society. He would consider doing another term if elected, but others are encouraged to submit their names if interested in this position. Jacques Pasteels, as Past-President, chairs the Nominating Committee. Nominations which are supported by the largest number of members will be considered by the Committee. Profiles of the nominees will appear in the next newsletter. Nominations must reach Dr. Pasteels by April 1, 1993.

The Chair of the 1994 Silver Medal Award is Vice-President William Fenical. Nominations for this award should be supported by several members. They should reach Dr. Fenical by April 1, 1993. The final selection will be done by the Councilors and the Executive Committee in Tampa, Florida in August.

Our fund-raising campaign has been successful in receiving about \$24,000 from various chemical, pharmaceutical, flavor and food industries. We will continue our efforts to increase our financial capacity for the betterment of ISCE.

I wish you all a very happy and fruitful year, and I look forward to seeing many of you in Florida this summer.

Kenji Mori

ANNOUNCEMENTS

CORPORATE ASSOCIATES

The ISCE Executive Committee has voted to allow "Corporate Associates" within the Society. Companies will be asked to contribute \$1000 U.S. to the Society. For this they will receive the Journal of Chemical Ecology, have their names published in the newsletter, journal and on advertisements for annual meetings, and receive one free registration at annual meetings. Wittko Francke, Chairman of the Fund-Raising Committee will coordinate the search for Corporate Associates. Councilors will be asked to send Wittko names of contacts at companies. After clearing, so there are no duplications, Wittko will advise the councilors to send out requests to companies. Anyone with a suggestion for a Corporate Associate should send the suggestion to Wittko Francke or an ISCE Councilor.

SPONSORING ISCE MEMBERSHIPS

Scientists in developing countries often have difficulty paying ISCE annual dues. The Executive Committee is asking members to consider contributing an additional amount when they pay their own dues. The money will be placed in a special fund. It is not necessary to contribute a total membership. Do what you can. ISCE Councilors are asked to provide deserving names for dues assistance to the Treasurer, Jim Nation.

JEAN-MARIE DELWART FOUNDATION PRIZE - BIOLOGY OF COMMUNICATION AWARD

The Jean-Marie Delwart Foundation has two main objectives: 1. Chemical communication in animals and man. 2. The emergence of ethical behavior on the basis of the biological evolution of conducts as they are studied in human ethology. The Foundation promotes and supports scientific research in these two fields by means of an award which is granted every 2 years. The Prize, \$10,000 will be awarded in 1993 to a "study or a series of studies, individual or collective, already published (or accepted for publication) corresponding to the above 2 objectives. The text (in English or French) should be sent to: Foundation Jean-Marie Delwart, Chateau de Pellenberg, B-3212 Pellenberg, Belgium. Application Deadline is July, 1993. The Foundation believes that "the experimental study of chemical communication in animals and especially in invertebrates constitutes the most important development of ethology in the last few years. GO FOR IT, ALL YOU PHEROMONE PEOPLE!!!

1993 ISCE COMMITTEES

Executive Committee

Kenji Mori, President
University of Tokyo
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Yoyoi 1-1-1, Bunko-Ku
Tokyo 113, Japan

William Fenical, Vice President
Scripps Institute of Oceanography
University of California-San Diego
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John Romeo, Secretary
University of South Florida
Department of Biology
Tampa, Florida 33620, USA

James Nation, Treasurer
University of Florida
Department of Entomology & Nematology
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Gainesville, Florida 32611, USA

Jacques Pasteels, Past-President
Universite Libre de Bruxelles
Laboratoire de Biologie Animal &
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B-1050 Bruxelles, Belgium

R. M. Silverstein, Editorial Representative
S.U.N.Y.
College of Environmental Science &
Forestry
Syracuse, New York 13210, USA

ISCE Councilors

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Patrick Confalone, USA
Wittko Francke, Germany
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Thomas Hartmann, Germany
Ahmed Hassanali, Kenya
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Alan Renwick, USA
Gerald Rosenthal, USA
Louis Schoonhoven, The Netherlands
David. Seigler, USA

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Wittko Francke, Chair
Gunnar Bergstrom
Kenji Mori
Koji Nakanishi
Yoko Naya
John Pickett
Wendell Roelofs

Student Awards Committee

Adolf Nahrstedt, Chair
Nancy Targett
Yoko Naya

Publication Award Committee

R.M. Silverstein, Co-Chair
John Simeone, Co-Chair
May Berenbaum
Jeffrey Harborne
Nancy Targett
Peter Waterman

Silver Medal Award Committee

William Fenical, Chair
ISCE Councilors

Tampa Ad hoc Organizing Committee

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Lincoln Brower
David Carlson
William Fenical
Wittko Francke
Jean Langenheim

Syracuse Ad hoc Organizing Committee

Francis Webster, Chair
Thomas Eisner
Jerrold Meinwald
Jocelyn Millar
Dietland Muller-Schwarze
Alan Renwick
Wendell Roelofs
R.M. Silverstein
John Simeone
Stephen Teale

The Executive Committee has abolished several ISCE working committees which seem to have outlived their usefulness. Those no longer functioning are: **Bylaws Committee, Standing Program Committee, and Service Award Committee.**



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