



NEWSLETTER

INTERNATIONAL SOCIETY OF CHEMICAL ECOLOGY

Volume 19, Number 2, June 2002

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UPDATE ON THE 2002 ISCE ANNUAL MEETING, Hamburg, Germany, August 3-8, 2002.

The preparations for the 2002 meeting, organized by Prof. Dr. Wittko Francke with the help of his Program Committee (Ian Baldwin, Thomas Hartmann, and Monika Hilker), are almost complete. Indications are that the meeting may be the largest meeting ever of the Society, with 280 participants having registered as of early June. Participants should receive confirmation of their registrations and hotel bookings by the end of June.

The sessions will be held at the University of Hamburg, Department of Organic Chemistry, with participants staying in several hotels nearby. The meeting website can be found at <http://isce2002.chemie.uni-hamburg.de/>, and it contains the most up-to-date information on the program, registration and accommodation, and information about the city of Hamburg. Prof. Francke has arranged a full program, anchored by four symposia on the topics of the chemical ecology of symbiosis, insect-plant interactions, molecular biology and chemical ecology, and pheromone chemistry. The meeting will begin with registration on the afternoon of Saturday August 3, with the opening ceremonies that evening, followed by the Social Lecture, to be given by Prof. Jerrold Meinwald of Cornell University, and then the opening mixer. The Silverstein-Simeone Lecture will be presented by Professor Tom Baker of Iowa State University on Sunday, August 4th, with the

Editor: Jocelyn G. Millar

Department of Entomology
University of California

Riverside CA 92521 USA

Email: jocelyn.millar@ucr.edu

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ISCE Silver Medal Award Lecture being presented on the following day by Dr. John Pickett of Rothamsted Experimental Station.

Because of the large number of participants and the limited number of time slots on the program, it may be necessary to convert some of the requested oral presentations to posters. The Program Committee will be meeting on June 21 to finalize the program, and all participants will be contacted shortly after that to confirm whether they will be requested to give an oral presentation or a poster. At the same time the size of the poster display boards will be provided, and the authors will be informed about details concerning the mounting and positioning of their posters.

During early July, the website of the Conference will pro-

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From the Editor:

The transition to an all-electronic format for the Newsletter has occurred remarkably smoothly, with few members reporting any problems accessing it. I am very grateful to our webmaster Allard Cossé for making it available in several different formats, so that virtually everyone can download it somehow. Overall, the electronic Newsletter has been a considerable benefit, because it has cut down on production time and costs, while greatly expanding the amount and type of material that we can include, such as color photos.

The single biggest problem remaining with the electronic format is that at any one time, about 10% or more of the membership email addresses are wrong or out of date, due to members moving or changing their addresses, and occasionally, our errors in typing information into the database. Thus, when we send out the email notifications about Newsletters or other Society business, about 50-75 addresses are bad, which means that I have to try and find members on the web or by some other means in order to update their email addresses. It would make the Secretary's job a lot easier if members would make every effort to ensure that their email addresses are indeed correct and up to date in the Society's database (please check your listing on the website at www.chemecol.org). Because the Newsletters and most other Society mailings will be conducted entirely by electronic mail, **it is essential that you keep us informed of any change in your email address.**

Please note that it is ISCE policy to maintain strict control over the email and regular mail mailing lists, and the mailing lists will **NOT** be given, leased, or sold to any individual, organization, or company. There is a Membership Information Update form on the ISCE website (<http://www.chemecol.org/>) that can be submitted electronically. Also, if you have forgotten to renew your membership, or if you know colleagues who would like to join (or rejoin) the Society, please access the membership form on the webpage.

This is the last Newsletter that I will be editing; the September issue will be handled by the newly elected ISCE Secretary and Newsletter Editor, Stephen Foster. Over the past five years, I am happy to have been of service to the Society, and I am pleased to see that the Society is in good shape, with membership numbers healthy, and meeting sites and hosts identified for at least the next five years. I ask that you give your support to Stephen Foster when he takes over as Secretary, including sending him news items, such as awards won by Society members, announcements of conferences and symposia, listings of positions available, and other items of general interest to the membership. With the electronic format of the Newsletter, it is very easy to include photos, which everyone enjoys, so please feel free to email Stephen photos of friends and colleagues from meetings or conferences, for example. Stephen will officially take over from me after the annual meeting in Hamburg this August. His email address is Stephen_Foster@NDSU.Nodak.edu

vide information about nearby restaurants which are suitable for lunch or dinner. General tourist information and guides can be found on the web, for example:

<http://travel.yahoo.com/t/destinations/europe/germany/hamburg/99825.html>

Those colleagues whose registration and receipt of abstracts for the ISCE-meeting in Hamburg have not been confirmed by July 2 are kindly advised to immediately contact the Conference Bureau.

Travel to the meeting site: Hamburg International Airport is located close to the city centre. Ground transportation is available through Airport City Bus Service carrying people to central train station Hauptbahnhof. The fare, Euro 4,50 each way, is paid to the bus driver. The easiest way from Hauptbahnhof to your hotel is by taxi (Euro

4.50 - 8.00 depending on the location of the hotel). A taxi from the airport directly to your hotel will cost Euro 13.00 - 15.00.

If you come by train, the train station of choice is Dammtor. Almost all long distance trains stop there, and it is closest to the hotels and conference site. Getting to Hamburg from the South, it is the station immediately after Hauptbahnhof (3 min). Hotels 3 and 6 are in walking distance (5 min); hotels 1,2 and 4 are also close (10 min). A taxi from Dammtor to hotels 1, 2, 4, and 5 will cost between ca. Euro 3.50 - 7.00.

Coming by car, from the South take Autobahn 1 or 7 to the centre, from the East take Autobahn 24 to the centre, from the North take Autobahn 1 or 7 to the centre. Use Hamburg TV-tower as a landmark; it is close to the hotels and the conference site.

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Symposia

The program committee has organized four symposia with invited speakers

August 4: Semiochemicals (Wittko Francke)

- K. Mori, Tokyo, Japan

Recent results in pheromone synthesis

- W. Kitching, Brisbane, Australia

Suites of novel hydrocarbons from sugar cane scarabs: structure, synthesis and stereochemistry

- B. Burger, Stellenbosch, South Africa

Identification and synthesis of constituents of the semiochemical secretions of South African antelope species

- W.A. König, Hamburg, Germany

Stereochemical analysis of volatile natural compounds by enantioselective gas chromatography

- E.D. Morgan, Keele, United Kingdom

Some painless chemistry from stingless bees

August 5: Insect-Plant relationships (Monika Hilker)

- M. Dicke, Wageningen, The Netherlands

Chemical ecology of induced plant volatiles: From mechanisms to functions

- P. Hatcher, Reading, United Kingdom

Plant-pathogen-herbivore-interactions: Ecological and chemical aspects

- S. Eigenbrode, Idaho, United States

Plant surface waxes and insect ecology

August 6: Aspects of Chemical Ecology in Molecular Biology (Ian T. Baldwin)

- D. Heckel, Melbourne, Victoria, Australia

Cytochromes P450 and lepidopteran-plant interactions

- H. Vogel, Jena, Germany

Profiling plant-insect interactions

- J. Kroymann, Jena, Germany

Glucosinolates and insect resistance in *Arabidopsis thaliana*

- U. Wittstock, Jena, Germany

The power of plagiarism – glucosinolate hydrolysis in plants and specialist lepidopterans

August 7: Symbiosis (Thomas Hartmann)

- D. Strack, Halle, Germany

Arbuscular mycorrhiza

- C.L. Schardl, Lexington, Kentucky, United States

Diversification of protective alkaloid profiles as relates to

evolutionary processes in fungal endophytes of grasses

- B.F. Bowden, Townsville, Australia

Soft coral-zooxanthellae symbiosis; the effect of coral bleaching on metabolite concentrations

- K. Dettner, Bayreuth, Germany

Symbiotic microorganisms in arthropods –their significance in chemically-mediated biotic interactions

Future Meetings

Other scheduled meetings will be: Summer 2003, South Korea (Organizer, Kyung-Saeng Boo); 2004, Ottawa, Canada (organizers Thor Arnasson and Bernard Philogene); 2005, Maryland, USA (Organizer Jeff Aldrich); 2006, Barcelona (Organizers, Angel Guerrero and Francisco Camps); 2007, Jena, Germany, organizer Wilhelm Boland.

UPDATE OF THE ISCE BYLAWS

The original bylaws of the ISCE were drafted almost 20 years ago. During his term of office as ISCE president, Walter Leal appointed an ad hoc committee to conduct a revision of the bylaws, incorporating changes that have been voted on by the membership over the years, and generally updating the bylaws to reflect the current state of the society. The committee was chaired by founding ISCE member Wittko Francke, with other longtime members Gunnar Bergstrom, Ritsuo Nishida, Nancy Targett, Paul Weldon, Jim Nation, and Johannes Steidle. The committee presented a preliminary draft to the Executive Committee last year, and since then the final details have been worked out. The final version of the revised bylaws can be found at the end of this Newsletter, and we encourage you to read through them. The ISCE Executive Committee will be introducing these revised bylaws for formal ratification by a vote of the membership at the annual business meeting, which will be held as part of the ISCE annual meeting in Hamburg in August.



RESULTS OF ISCE 2001 ELECTIONS

Vice-President and President-Elect:

Professor Thomas C. Baker, Professor of Entomology at Iowa State University, has been elected as the new ISCE Vice-President and President-elect. Professor Baker is internationally known for his work on the pheromone-mediated behav-

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ior and sensory physiology of insects. His research also includes a significant applied component, developing applications of pheromones for use in agriculture. He is the 2002 recipient of the Silverstein-Simeone Award for cutting edge research in chemical ecology. Professor Baker has had a long involvement in chemical ecology and the Society, including served on the editorial board of the Journal from 1983-1999, and he has been a frequent participant in ISCE meetings.



Dr. Schal's research focuses on the biology and integrated management of urban pests, particularly cockroaches. Current projects represent both short-range problem solving and fundamental longer term investigations.

Secretary:



Dr. Stephen Foster has been elected as the new ISCE Secretary. He will assume his new position in August, for a term of three years. Dr. Foster is an Associate Professor at the Department of Entomology at North Dakota State University. His research interests focus on insect sex pheromone biosynthesis and regulation, and chemically-mediated host selection behavior of insect herbivores. He is a frequent contributor to the Journal of Chemical Ecology and he has participated in a number of ISCE meetings.

Councilors:

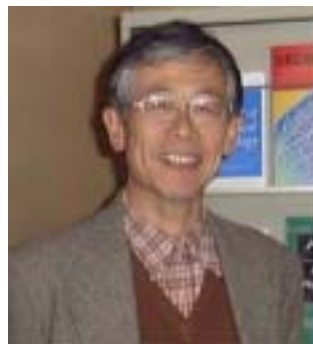
ISCE councilors are elected for a term of three years. Councilors are appointed from various geographical and subject areas, and advise the ISCE Executive Committee. Our new councilors will be:



Dr. Heidi Dobson, Associate Professor and Chair of the Department of Biology at Whitman College. Dr. Dobson's research focuses on pollen and floral chemistry, and how chemical and other cues are used by insects as foraging cues.

Dr. Coby Schal, Department of Entomology, North Carolina State University, Raleigh, North Carolina, USA.

Dr. Jocelyn Millar, Department of Entomology, University of California, Riverside. Dr. Millar's research focuses on the chemistry and applications of insect pheromones and kairomones.



Professor Sadahiro Tatsuki, Department of Agricultural and Environmental Biology, University of Tokyo, Japan. Dr. Tatsuki's interests include pheromone chemistry and phylogenetic studies in crambid moths, and investigation of speciation in lepidopteran systems. He is a member of both the ISCE and the Asia-Pacific Association for Chemical Ecology (APACE).

Donations from Fuji Flavors, Kluwer Academic Publishers, and Trécé Inc. support ISCE Awards and Student Travel.

We are grateful for continuing support from Fuji Flavors for the ISCE Silver Medal Award, and from Kluwer Academic Publishers for the Silverstein-Simeone Lecture. We are also grateful to Trécé, Inc. for their continued generous support for the Student Travel Fund, which sponsors student travel to the annual meeting to make pre-

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sentations. Student travel awards are made on an annual basis, with approximately 10 students and postdoctoral scholars normally receiving awards.

MEMBER NEWS



Dr. Jim Tumlinson awarded the Kenneth A. Spencer Award.

ISCE Past-President Jim Tumlinson received the Kenneth A. Spencer Award (formerly the Charles E. Spencer Award) for outstanding achievement in agricultural chemistry. The award is administered by the Kansas City Section of the American Chemical Society. The award recognizes meritorious contributions to the field of agricultural and food chemistry. The award included a medal and honorarium, which were bestowed during the award ceremony in Kansas City this past February.

Positions Available:

Postdoctoral Position, Chemical Ecology of Cockroaches.

Postdoc position available July 1 to conduct research on chemical ecology of cockroaches, including identification of pheromones, studies of their biosynthetic pathways and endocrine regulation, and studies on pheromone binding proteins. Qualifications: Ph.D. trained in entomology, insect physiology, biochemistry, behavior, or related fields. Experience in chemical ecology, including extraction, purification, behavioral assays and identification of semiochemicals. Instrumentation skills, including GC, MS, TLC, HPLC, electrophysiology (EAG, GC-EAD) and radiochemical experience desirable. Submit resume, transcripts, relevant reprints and manuscripts, letter describing background, skills and interests. Also submit names, addresses and phone numbers of three references to: Dr. Coby Schal, Department of Entomology, Box 7613, North Carolina State University, Raleigh, North Carolina 27695-7613. Email coby_schal@ncsu.edu

Postdoctoral position, Insect-Plant Interactions.

Highly motivated individual to explore the interaction between plant competition and herbivory in maintaining a plant resistance dimorphism, with western jimsonweed, *Datura wrightii*, which produces either glandular or non-

glandular trichomes. Trichome type is inherited as a Mendelian character with dominance. Although glandular trichomes confer resistance to some insects, this resistance is costly when plants are grown in the absence of herbivores and competitors. Because plants with glandular trichomes grow to a larger size than plants with non-glandular trichomes, they may be better competitors for light and space. The primary objective of this NSF-funded position is to determine the symmetry of competition between plants with glandular and non-glandular trichomes, and how the outcome of such competition may be modulated by herbivory. The system is ideal to study the role of correlated variation in plant life history traits associated with herbivore resistance, and the importance of genotype by environment interactions in maintaining plant defense polymorphisms in general. Additional information about the system can be found at <http://www.faculty.ucr.edu/~harejd/>. Position available immediately for 1 year with extension possible for an additional year. Information, Dr. J. Daniel Hare, (daniel.hare@ucr.edu; 909-787-3858).

Postdoctoral Position, Identification and Synthesis of Mealybug Pheromones.

Postdoctoral position available immediately for a two year project to identify, synthesize, and develop applications for three mealybug species attacking vineyards in the western US. Position has technical support available to assist with insect rearing, bioassays, field tests, etc. Applicant should have a PhD in organic chemistry, chemical ecology, or related fields, and a sound working knowledge and hands-on experience with the identification and synthesis of semiochemicals. Bioassay experience desirable but not required. Competitive salary and benefit package, standard Univ. of California rates. Send curriculum vitae, a cover letter describing experience and interests, including hands-on experience with appropriate instrumentation, and the names, addresses, e-mail addresses and telephone numbers of three references to Jocelyn Millar, Dept. of Entomology, Univ. of California, Riverside CA 92521, USA, email jocelyn.millar@ucr.edu

Postdoctoral Chemical Ecologist, Mating Disruption in

Vineyards. We require a postdoctoral chemical ecologist to work on a joint project between Dr. Guy Poppy (University of Southampton) and Exosect (a company specialising in pheromones see www.exosectuk.com).

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The post will involve research into mating disruption technology of lepidopteran pests in vineyards. Techniques to be used include headspace sampling of pheromone in the field and subsequent GC analysis, and electrophysiology/behavioural studies into the mechanisms of mating disruption. This well funded position (supported by 50% technician and large equipment/consumable budget) will be for 24 months and will involve field work in northern and southern hemisphere vineyards. For more details or to apply send c.v. and application letter describing research interests to Guy Poppy (gmp@soton.ac.uk), Philip.howse@exosectuk.com or Karen.underwood@exosectuk.com.

Annual meeting of the Entomological Society of America, Fort Lauderdale, Florida, Nov. 17-20, 2002. Information: http://www.entsoc.org/annual_meeting/2001/index.html



Jocelyn G. Millar, Editor
Department of Entomology
University of California
Riverside CA 92521, USA
Email: jocelyn.millar@ucr.edu

Visit the ISCE Webpage at <http://chemecol.org/>

Upcoming Meetings of General Interest:

July 13-17, 2002. Animal Behavior Society's 39th annual meeting, Bloomington, Indiana, USA. Planned symposia include animal behavior and multilevel selection; new perspectives on mechanisms of evolution in communication systems; and applied animal behavior and the integration of behavioral knowledge. Information: <http://www.animalbehavior.org/ABS/Program>, or contact the local hosts Emilia Martins (emartins@bio.indiana.edu) and Meredith West (mewest@indiana.edu).

August 26-30, 2002. 21st Conference of European Comparative Endocrinologists, Bonn, Germany. Information: <http://www.esce2002.uni-bonn.de>. Registration and abstract deadlines, April 15.

Sept. 22-27, 2002. IOBC Working Group Meeting, Pheromones and Other Semiochemicals in Integrated Controls, Erice, Sicily,. Information: Stefano Colazza, Univ. of Palermo, FAX 39-91-423410, email colazza@unipa.it. Website <http://phero.net/iobc/sicily/announc4.html> or <http://phero.net/iobc/index.html>

December, 3-6, 2002. III EBEQ – III Brazilian Meeting of Chemical Ecology/ III Encontro Brasileiro de Ecologia Quimica (Campinas, São Paulo, Brazil. Website: <http://www.ib.unicamp.br/novidades/index.html> or http://www.ib.unicamp.br/ensino/pos/cursos/pos_ecologia/III_encontro/index.html

Information: José Roberto Trigo, Departamento de Zoologia, IB, UNICAMP, FAX 55-19-32893124, E-mail: trigo@unicamp.br

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PROPOSED REVISED BYLAWS FOR THE INTERNATIONAL SOCIETY OF CHEMICAL ECOLOGY

ARTICLE 1: NAME

Section 1.

The name of the Corporation shall be International Society of Chemical Ecology, Inc., hereinafter called the Society. For convenience, the expression ISCE shall be deemed to be an appropriate abbreviation.

ARTICLE II: PURPOSES

Section 1.

The Society is organized exclusively for scientific purposes, more specifically to promote the understanding of interactions between organisms and their environment that are mediated by naturally occurring chemicals. Research areas include the study of structure, function, and biosynthesis of natural products, their importance at all levels of molecular and ecological organization, their evolutionary origin and their application to social needs. Research areas may also include the study of analogs of natural chemicals, that by accident or design, mimic, disrupt, or otherwise interfere with the action (normal function) of natural occurring semiochemicals.

As used in the preceding paragraph, the term "scientific" shall be defined in Section 501 (c) (3) of the Internal Revenue Code of 1954 and the regulations adopted pursuant thereto, and the corresponding provisions of any future revenue laws and regulations of the United States Government.

ARTICLE III: MEMBERSHIP

Section 1.

Membership in the Society shall be open to any person interested in promoting the objectives of the Society.

Section 2.

There shall be five types of members: Regular, Student, Life, Corporate Associate and Honorary.

Section 3.

Regular and life membership is open to any person interested in goals of the Society and upon payment of dues, the amount of which shall be established by the Executive Committee of the Society. Life membership is available to those persons who wish to commit to being active members for the duration of their careers. An individual can become a life member by paying a one-time fee established by the Executive Committee. Fully paid life members are entitled to the same privileges as regular members. In cases where payment of dues would constitute a financial hardship, the President at his/her discretion may waive the payment of annual dues, upon written application.

Section 4.

Student membership shall be restricted to members who are currently enrolled as a student at any level in a college or university. Student membership shall be discontinued in the calendar year following graduation with the final degree obtained.

Section 5.

Companies or individual supporters may become corporate associate members upon contribution of special dues established by the Executive Committee.

Section 6.

The designation Honorary Member is an award of recognition bestowed by the Society on members who have made significant contributions to the activity and advancement of the Society. Honorary Members are entitled to all the privileges of regular members for life, and shall be exempt from payment of dues. Any member can nominate a person for Honorary membership, but each Honorary Member must be approved by the Executive Committee and Council. It will be the usual procedure for the President to announce new Honorary Members at an Annual Meeting of the Society.

Section 7.

The rights associated with membership in the Society shall be uniform among all members. Each member, irrespective of type shall be entitled to one vote on all matters properly coming before the membership for a vote.

Section 8.

The annual dues of a regular or student member shall be payable in advance of January 1 of the fiscal year. Dues for all categories of membership except Life membership may be paid annually, or in multiyear instalments, at the discretion of the Executive Committee.

Section 9.

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A member whose dues are six months in arrears shall cease to be a member of the Society. Membership dues not paid by December 31 of the fiscal year are considered in arrears for one year.

ARTICLE IV: MEETING OF MEMBERSHIP

Section 1.

The annual meeting of the membership of the Society for purpose of transacting business, presenting communications and related activities shall be held each year at such place and at such time as may be determined by the Executive Committee. The Secretary of the Society shall give, personally or by mail, not less than 30 days prior to the date for such meeting to each member entitled to vote thereat, written notice stating the place, date and hour of the meeting.

Section 2.

Special meetings of the membership may be called at any time by a majority of the Executive Committee. Written notice of such meetings stating the place, the date and hour of the meeting, and the purpose for which it is called shall be given not less than 30 days prior to the date set for the meeting. Notice of such meeting shall be given to each member of record in the same manner as notice of the annual meeting.

Section 3.

The members in attendance at a duly called meeting of the membership shall constitute a quorum.

ARTICLE V: EXECUTIVE COMMITTEE

Section 1.

The management of the Society shall be vested in an Executive Committee. The Executive Committee shall be composed of six persons, four of whom shall be elected by the membership to serve as President, Vice-President, Secretary and Treasurer of the Society, the other two of whom will be the immediate Past President of the Society and the Editor or an Associate Editor of the official publication of the Society (*The Journal of Chemical Ecology*). The term of office of the President, the Vice-President and the Past-President is one year or until such time as their successors have been duly elected by the membership and qualified. In the event of vacancies the President shall make interim appointment until the next election is held, provided, however, vacancies of elected officers shall be filled as hereafter provided. The term of office of the Secretary, the Treasurer and the representative of the Journal shall be three years.

Section 2.

The Executive Committee shall meet for the transaction of business each year at the time of the annual meeting of the membership, and other regular meetings shall be held at such times as the Committee may from time to time determine.

Special meetings of the Executive Committee may be called by the President at any time, and he/she must, upon the written request of two Committee members, call a special meeting to be held not more than 30 days after the receipt of such a request.

Section 3.

No notice need be given of any regular meeting of the Executive Committee. Notice of special meetings shall be served upon each Committee member in person or by mail addressed to him/her at his/her last known address, at least 30 days prior to the date of such meeting, specifying the time and place of the meeting and the business to be transacted thereat. At any meeting at which all of the Committee members shall be present, with or without notice, any business may be transacted which might have been transacted if the meeting had been duly called.

Section 4.

A majority of the total number of members of the Executive Committee shall constitute a quorum for all meetings of the Executive Committee.

Section 5.

At all meetings of the Executive Committee, each member thereof shall have only one vote and unless otherwise provided herein, all decisions of the Executive Committee shall require a majority vote.

Section 6.

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The Executive Committee shall appoint committees for special purposes.

Section 7.

The Executive Committee shall determine the assessment of dues for all categories of membership.

Section 8.

The Executive Committee shall consider and recommend to the membership from time to time appropriate changes or amendments to the Articles of Incorporation and Bylaws of the Society and be responsible for the submission of all required reports to State and other governmental agencies, annually or otherwise.

ARTICLE VI: OFFICERS

Section 1.

The officers of the Society to be elected by the membership shall be a President, a Vice-President, a Secretary, a Treasurer and fifteen Councillors. The office of Vice-President shall be considered to be that of President-elect. The offices of Secretary and Treasurer may be combined.

Section 2

Election of officers shall be by written ballot of the Society by majority votes cast by members. Nominations for Vice-President, Secretary, Treasurer and Councillors shall be presented to the membership by the Executive Committee and the Councillors. By petition, the membership may nominate candidates to the Executive Committee on the basis of the endorsement of at least 25 members.

Section 3.

Upon election, the term of office for President and Vice -President shall extend through the Business Session of the next Annual Meeting. The Vice President shall become President at the end of his/her scheduled term of office or at any prior time that the office of President may be vacated. However, he/she shall not succeed himself as President after serving the scheduled term of office. Following the term of office, the Past-President will be appointed a Councillor for a period of three years. The immediate Past-President shall serve as the chief executive officer when both the offices of President and Vice-President are vacated. In the absence of the President and the Vice-President, he/she shall preside at meetings of the Executive Committee. The term of office of the Secretary and of the Treasurer shall be three years. At the discretion of the Executive Committee and Councillors, the Secretary and the Treasurer can run for additional terms, whereas the Vice-President, President and Past-President are restricted to a single term.

Section 4.

The duties of the officers shall be as follows: (A) PRESIDENT: The President shall be the chief executive officer of the Society. It shall be his duty to preside at the business and general meetings of the Society. He/she shall have the power to call meetings of the Executive Committee, and shall appoint committees authorized by the Executive Committee. (B) VICE-PRESIDENT: The Vice-President shall assist the President and shall serve as acting President in the latter's absence. (C) SECRETARY: The Secretary shall be responsible for keeping complete minutes of the Business Session of the Annual Meeting and of all meetings of the Executive committee. In the absence of the President, Vice-President and Past-President, the Secretary shall preside at meetings of the Executive Committee. The Secretary shall conduct the correspondence of the Society except as otherwise provided, and shall be responsible for distribution of special notices to the membership. The Secretary shall be responsible for publication and distribution to the membership of any newsletters. (D) TREASURER: The Treasurer shall collect and receive all monies due to the Society and shall have custody of the funds of the Society. The Treasurer shall make disbursements for debts against the Society, and shall keep a full accounting of the Society's financial transactions. The Treasurer shall issue dues notices at the beginning of the fiscal year and dues reminders as required during the fiscal year to members not current in dues by those dates. The Treasurer shall keep the membership list of the Society up-to-date. At the beginning of the fiscal year, and at other times upon request, he/she shall supply the members of the Executive Committee a list of all members in good standing. The treasurer shall administer the financial policies of the Society. At the close of the fiscal year he/she shall prepare an annual financial statement of accounting to be submitted with the accounting books and vouchers to a certified public accountant of his/her choice or to an Auditing Committee consisting of two Society members appointed by the President. Copies of the audited financial statement shall be distributed by the Treasurer to the membership. The Treasurer shall submit to the Society at each Annual Meeting an Annual Report of the financial operations and membership information for the current fiscal year to which shall be attached the audited financial statement as at the

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close of the previous fiscal year. In the Annual Report the Treasurer shall include an interim financial statement for the current fiscal year as of date within 30 days prior to the Annual Meeting. Audit of the interim financial statement shall not be required. (E) COUNCILLORS: Councillors are to represent various fields of chemical ecology and to act in an advisory capacity to the Executive Committee in formulating policy. The term of the Councillors shall be three years with one third of these being renewed yearly. Should a Councillor become a member of the Executive Committee or resign during their three year term, that Councillor position shall remain vacant for the remainder of the term. (F) WEBMASTER: The President, in consultation with the Executive Committee, shall appoint a Webmaster who will form a direct link between the Society membership and the Executive. The Webmaster will improve and maintain the Society's website, support the Treasurer in updating and maintaining the membership list, and announce employment opportunities as well as other items of interest in e-mail circulars to all members. The Webmaster will help the Executive Committee in other kinds of administration when asked. The Webmaster will post the ISCE Newsletters and information relating to the annual meetings on the ISCE website in a timely manner.

ARTICLE VII: PUBLICATIONS

Section 1.

The official journal of the Society is *The Journal of Chemical Ecology*.

Section 2.

The Society shall publish at least three newsletters per year. Publication of the newsletter, as approved by the Executive Committee, shall be the responsibility of the Secretary. In cooperation with the Webmaster, the newsletter may be printed and mailed or distributed through electronic media.

ARTICLE VIII: FISCAL YEAR

Section 1.

The fiscal year of the Society shall be from January 1 to December 31.

ARTICLE IX: AMENDMENTS TO THE BYLAWS

Section 1.

Upon recommendation of the Executive Committee these Bylaws may be adopted or amended by a simple majority vote of the membership at the Annual Meeting or by written ballot.

Section 2.

Proposed amendments to the Bylaws shall be made in writing to the Secretary 60 days prior to the Annual Meeting and shall be distributed to all members at least 14 days prior to the Annual Meeting.

ARTICLE X: DISSOLUTION OR LIQUIDATION

Section 1.

In the event of dissolution or liquidation all liabilities and obligations of the Society shall be paid, satisfied and discharged.

Section 2.

All assets remaining shall be transferred to one or more societies for organizations engaged in activities substantially similar to those of the society and exempt from taxation under Section 501 (c) (3) of the Internal Revenue code of 1954 or corresponding provisions of the revenue laws of the United States Government.

ARTICLE XI: GENERAL PROVISIONS

Section 1.

The membership mailing list of the Society will be released to private or commercial interests only when in judgement of the Executive Committee such a distribution will be to the benefit of the Society.

Section 2.

INTERNATIONAL SOCIETY OF CHEMICAL ECOLOGY

The Society shall be organized and operated exclusively for scientific and educational purposes.

Section 3.

No part of the activities of the Society shall consist of carrying on propaganda, or otherwise attempting to influence legislation.

Section 4.

The society shall not participate in, or intervene in (including the publishing or distributing of statements), any political campaign on behalf of a candidate for public office.

Section 5.

No financial obligations shall be incurred on behalf of the Society by an officer or member unless authorized by the Executive Committee.

Section 6.

The Society shall not be organized or operated for profit.

Section 7.

No part of the funds of the Society shall or may under any circumstances accrue to the benefit of any private individual.

Section 8.

The society shall not engage in any transactions which result in the diversion of any part of its funds to any officer or member of the Society.

Section 9.

Membership in and participation in the Society shall in no way be based upon race, color, sex, sexual orientation, national origin, religion, and physical or mental handicap.