

sip

newsletter

society for invertebrate pathology

Volume IX, Number 1
February 1977

Xth ANNUAL MEETING
SOCIETY FOR INVERTEBRATE PATHOLOGY
Michigan State University, East Lansing, Michigan
August 22-26, 1977

The Xth Annual Meeting of the Society for Invertebrate Pathology will be held in East Lansing, Michigan in conjunction with the 28th Annual A.I.B.S. Meetings, August 21-26, 1977. Titles and abstracts should be sent to the appropriate Permanent Program Committee Co-Chairman whose names are listed below. The Local and Permanent Program Committees have planned a program as follows:

I. Symposia

1. Monday, August 22 - Invertebrate Symbiosis (Mutualism - Commensalism)
2. Tuesday, August 23 - Economics and Efficacy of Microbial Agents in Biological Control
3. Wednesday, August 24 - Cellular and Humoral Reactions to Disease
4. Thursday, August 25 - Invertebrate Models for Bio-Medical Research

II. Sessions of Submitted Papers

III. Business Meetings, Workshops and Social Activities, Evenings

Contributed papers covering other aspects on invertebrate pathology are scheduled for the afternoons. The possibility of concurrent afternoon sessions will depend upon the number of abstracts received. Rooms for workshops, informal meetings, and special discussion sessions will be made available on Wednesday evening, August 24. In this regard, those groups who wish to reserve or schedule programs in these rooms should contact the Society's Local Program Chairman and A.I.B.S. representative Dr. Neal Band, Department of Zoology, Michigan State University, East Lansing, Michigan 48824. Other members of this Local Committee responsible for local arrangements and coordinating programs are: Dr. John A. Breznak, Department of Microbiology and Public Health, Michigan State University and Dr. T.M. Rizki, Division of Biological Sciences, University of Michigan, Ann Arbor, Michigan 48104.

Permanent Program Committee Co-Chairmen:

Insect Pathology

Dr. Reid Engler
Environmental Protection Agency
Registration Division (WH-567)
401 M Street, S.W.
Washington, D.C. 20460

Pathology of Mollusks and Crustaceans

Dr. Aaron Rosenfield
U.S. Department of Commerce N.O.A.A.
National Marine Fisheries Service
Biological Laboratory
Oxford, Maryland 21654

Pathology of Invertebrates other than Insects, Mollusks and Crustaceans

Dr. John Harshbarger
Registry of Tumors in Lower Animals
Smithsonian Institute
Museum of Natural History
Washington, D.C. 20560

The American Institute of Biological Sciences will publish a general program which will include general meeting information, programs titles and scheduled activities and for the constitutive societies meeting in East Lansing. In order to have titles and schedules of S.I.P. papers included in the booklet, it will be necessary that all abstracts, in final form, be received by March 31, 1977. If contributors wish to have acknowledgment of receipt of their papers, they should include a stamped, self-addressed post card. If desired, a second stamped, self-addressed post card should be included with the abstract, if the author wishes to receive advanced notification of when their paper will be scheduled.

The Local and Permanent Program Committees welcome ideas, and suggestions from the membership regarding additional ways in which we can make the East Lansing Meeting a great success. Further information on advanced registration, specific program details, and any possible modifications to plans will appear in future newsletters.

MESSAGE FROM THE SECRETARY

As one of my first official tasks as Secretary, I was somewhat discouraged to have to notify 117 "members" of their delinquent membership status as required in Article III-14 of the Society Constitution and Bylaws. Our Treasurer, Dr. John Paschke, has informed me that relatively few of these members have renewed their membership in the Society, and that our current membership list as maintained by AIBS is composed of slightly over 600 members. Even with the addition of a number of new members to the list, our Society is still relatively small in size and can ill-afford to have a significant portion of its members in arrears for dues for 1 or 2 years. As this is the time of the year for membership renewal, please use the opportunity to assess your status and support the Society with prompt payment of your present dues and any in arrears.

Speaking of dues, I wish to call your attention now to action authorized by the Council at the last annual meeting of the Society in Kingston, Ontario. Because an insufficient number of ballots were returned for a mail quorum last year on the matter of an increase in dues for regular members, I will be polling the membership again in February for approval of a \$3.00 increase in dues. Our past Secretary, Dr. John Harshbarger, summarized the need for this increase in the July, 1976 issue of the SIP Newsletter (Vol. VIII, No. 3) and discussed the financial status of the Society. Your support in the passage of the ballot for this modest increase in dues is solicited. Let's each do our part to help keep the Society in a financially sound position.

I look forward to serving the Society as its Secretary; and, along with our SIP Newsletter editor, Dr. A. Domnas, I actively solicit your assistance in providing pertinent news for the Newsletter.

Wayne M. Brooks

FROM THE NEWSLETTER EDITOR

Many thanks to the members who have responded to my request for news, tidbits, and other items. They are appreciated. Very frequently I miss announcements of meetings and so forth. If you see or hear about conferences, meetings and symposia which could be of interest to some people of our very diversified Society, please send them on. I personally scan the ASM and the AIBS newsletters plus quite a few in Analytical Chemistry. I very seldom enter into things ecological, so this might be a starting point.

A. Domnas

NOTE

A limited number of extra copies of the Proceedings of the First International Colloquium on Invertebrate Pathology are available at cost (\$17.50) on a first come basis. Requests should be addressed to Dr. P. Faulkner, Department of Microbiology and Immunology, Queen's University, Kingston, Canada K7L 3N6.

POSITION OPEN

Graduate Research Assistantship

M.S. or Ph.D. program in Insect Pathology. Remission of fees and stipend commensurate with degrees held and experience. Position available after July 1, 1977. Contact Dr. Charles F. Reichelderfer, Department of Entomology, University of Maryland, College Park, Maryland 20742.

PREPARATION OF ABSTRACTS

The Abstracts of the Annual Meeting of the Society for Invertebrate Pathology will be prepared by direct reproduction of the abstract submitted by each author. There will be no editing of the author's copy. Thus, every error which appears in the submitted abstract will also appear in the printed Abstracts. The Program Co-Chairmen recommend the following procedure for the preparation of the abstract:

Use a typewriter, preferably electric, with a carbon ribbon. If such a typewriter is unavailable, use a typewriter with a fairly new black ribbon.

Place the enclosed sample abstract form under a blank typing sheet, and insert in the typewriter. The dark lines will show through the usual grades of typing paper.

Single space all typing. The title, authorship, affiliation, and text must be within the boxes as outlined on the enclosed sample form. Leave no top or left margin within the boxes. Type only within the space outlined on the sample form. Each abstract must be limited to one single page.

The Style Manual for Biological Journals, published by the American Institute of Biological Sciences, should be used as a guide to abbreviations and symbols. Proprietary and trade names must be accompanied, at first mention, by the established or generic names. When using abbreviations for compounds, the name must be spelled in full at the first mention.

Remember! Your abstract will be printed exactly as submitted. Any smudges, errors, and misspellings on your copy will be evident also in the published Abstracts!

Poorly types abstracts, unsuitable for direct reproduction, will be returned to the authors for retyping. Unless these abstracts are retyped promptly, they may miss the printer's deadline and may not appear in the published Abstracts.

Send your abstract no later than March 31, 1977 to the appropriate Permanent Program Committee Co-Chairman.

MEETING ANNOUNCEMENT

Attention U.S. Virologists

Those planning to attend the III International Conference on Comparative Virology at Mont Gabriel, Quebec, Canada, May 22-25, 1977, may apply for travel subsidies by writing to Prof. K. Maramorosch, Waksman Institute of Microbiology, Rutgers University, P.O. Box 739, Piscataway, N.J. 08854, specifying (1) mode of participation (invited speaker, session chairperson, discussant, graduate student, etc.); (2) U.S. citizenship status; (3) airport nearest home; (4) cost of round trip coach plane fare to Montreal; (5) age. Funds for supporting the attendance of young scientists as well as of program participants are expected from a Government grant. Travel subsidies will be limited to U.S. citizens and permanent residents and in most instances will not exceed the cost of the round trip plane fare. Scientists employed by the Federal Government will not be eligible.

American Society for Microbiology (77th Annual),
New Orleans, Louisiana. May 8-13, 1977

R.W. Sarber, ASM, 1913 I Street, Washington D.C.
20006 U.S.A.

International Conference on Comparative Virology.
Mont Gabriel, Quebec, Canada. May 22-25, 1977

K. Maramorosch, Waksman Institute of Microbiology,
Rutgers University, New Brunswick, New Jersey 08903
U.S.A.

International Congress of Protozoology (5th). New
York, New York. June 26-July 2, 1977

John J. Lee, City University of New York, Convent
Avenue at 138th Street, New York, New York 10031
U.S.A.

3rd International Congress of Immunology, Sydney,
Australia. July 1-8, 1977

Prof. A.L. de Weck, Inst. fur Klinische
Immunologie, Inselspital, CH-3010 Bern, Switzerland.

International Symposium on Microbial Ecology,
Dunedin, New Zealand. August 22-26, 1977

The Executive Officer, The Royal Society of
New Zealand, P.O. Box 12249, Wellington, New Zealand.

2nd International Mycological Congress. Tampa,
Florida, U.S.A. August 27 - September 3, 1977

Dr. M.S. Fuller, Department of Botany, University
of Georgia, Athens, Georgia 30602 U.S.A.

3rd International Congress of Plant Pathology,
Munich, Federal Republic of Germany. August 16-23,
1978

Prof. G. Schumann, Biologische Bundesanstalt,
Messeweg 11/12, D-3300 Branhschweig, FRG.

IV International Congress of Parasitology (ICOPA IV),
Warsaw, Poland. August 19-26, 1978

Prof. Bernard Bezubik, Department of Parasitology,
University of Warszawa, 00927 Warsaw, Poland.

Tissue Culture Association (Annual). New Orleans,
Louisiana, U.S.A. June 6-9, 1977

Dr. Roland M. Nardone, Department of Biology,
Catholic University of America, Washington, D.C.
20064 U.S.A.

American Institute of Biological Sciences. East
Lansing, Michigan, U.S.A. August 21-26, 1977

Dr. Carol H. Chisholm, AIBS, 1401 Wilson
Boulevard, Arlington, Virginia 22209, U.S.A.

BOOK REVIEWS

New Titles:

Invertebrate Tissue Culture. Edited by Edouard Kurstak
and Karl Maramorosch. Academic Press Inc., New York,
1976, 398 p., \$21.

Reviewed by E.J. Rozhon in American Society for
Microbiology News. Vol. 42, #12, p. 725-26, December
1976.

The Biology of Free-Living Nematodes. Warwick L.
Nicholas. Clarendon Press, Oxford, (Oxford
University Press, New York), 1975, 219 p., \$23.

Reviewed by M.D. Little in American Society for
Microbiology News. Vol. 42, #12, p. 728, December
1976.

Biological Control. Prof. J.M. Franz and Dr. A. Krieg
of the Institute for Biological Control, Biological
Institute for Agriculture and Forestry, Darmstadt,
Germany. Paul Parey Publishers, Berlin and Hamburg.
221 pages with 14 illustrations in the text; 25
illustrations with 12 charts and 8 tables.

This book presents concise, easily understood
examples of biological methods and is a valuable con-
tribution to a problem of environmental protections.
Animal pests and their destruction and the manipula-
tion of their natural enemies is the central theme.
Biological control methods were just used and developed
in the control of weeds and harmful plants. These
procedures are described in the new edition as well
as more recent developments in biological control.
The section on microbiological procedures has been
expanded and for the first time the application of
microbes is discussed in diseases of plant, animals
and men.

The control of vertebrate pests, insects and
invertebrates, weeds and microbes is also described.
A general presentation of the population dynamics
process is delineated as well as the framework for
nonbiological, biotechnical and biological processes
for which certain results and working concepts are
illustrated.

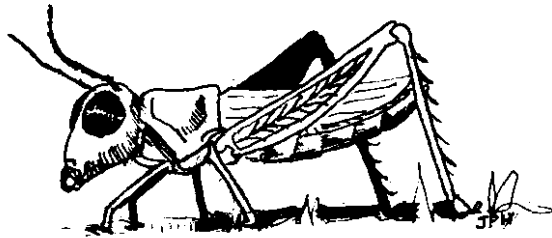
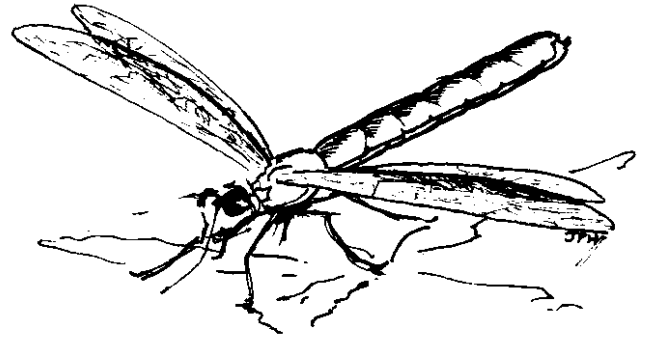
Contents: The dynamics of natural populations -
The process of nonbiological pest control -
Properties of biological processes - Applications
to vertebrates - Applications to arthropods - Appli-
cations of other invertebrates - Biological weed
control - Self destructive processes - Microbiological
pest control - Microbiological control of insects and
other arthropods - Microbiological control of other
invertebrates - Microbiological control of vertebrates -
Microbiological control of weeds - Microbiological
control of harmful microbes and viruses - Biotechnical
processes - Integrated pest control - Survey and out-
look - Appendix - Glossary - Literature - Register of
specific names of animals, plants, microorganisms and
viruses.

PUBLICATION ANNOUNCEMENT

Soper, R.S. 1976. World Directory for Current Research on the Entomopathogenic Fungal Genus Entomophthora. L.S.A. Expt. Sta. Misc. Report. 182, 8 pp.

Copies of this report can be obtained without charge from:

Dr. Richard S. Soper
USDA, ARS
N.E. Plant, Soil and Water Laboratory
University of Maine
Orono, Maine 04473 U.S.A.



SIP NEWSLETTER

A. J. Domnas, Editor
c/o Department of Botany
Biochemistry Laboratory
The University of North Carolina
Chapel Hill, North Carolina 27514 USA

ERRATA

In number 4 of SIP Newsletter for 1976, Hans G. Boman reviewed "Invertebrate Immunity," edited by Maramorosch and Shope. An incorrect statement reads: "Viruses are discussed only in the section dealing with the gut and there is no mentioning in the book of Bacillus thuringiensis which is pathogenic to many Lepidoptera because of its ability to penetrate the gut barrier." The correct sentence should read: "Viruses are discussed only in the section dealing with the gut and there is no mentioning in that section of Bacillus thuringiensis which is pathogenic to many Lepidoptera because of its ability to penetrate the gut barrier."

*** NOTICE ***

BALLOT ENCLOSED IN CURRENT NEWSLETTER.
PLEASE VOTE AND RETURN TO SOCIETY SECRETARY,
USE THE ADDRESSED ENVELOPE.