

NEWSLETTER

SOCIETY FOR INVERTEBRATE PATHOLOGY

Volume 1 Number 4

August 19, 1968

NEWS OF THE SOCIETY

Your President and the officers of the Society welcome you to the first Annual Meeting of the Society For Invertebrate Pathology at Columbus, Ohio.

Upon arrival, you should go directly to the French Field House, AIBS headquarters, where you may register and make arrangements for meals and lodging. (This is No. 1 mark on the map).

You should then go directly to the SIP headquarters, 218 Civil and Aeronautical Engineering Building, where you can obtain programs for the SIP meeting and for the Pathology Round Table. (See No. 2 arrow on the map).

The location of other buildings involved in the SIP Meeting are also marked on the map.

We hope that you will enjoy the first meeting to the fullest.

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The insect pathologists in our society might be interested in a symposium entitled "Interactions among Plants, Insects and Microbes", moderated by E. F. Knipling, (with contributions from Drs. Peter Raven, Karl Maramorosch, W. D. Guthrie and T. A. Angus), to be held during the AIBS meeting. Check your AIBS program for the time and the place.

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IT IS IMPORTANT THAT EVERYONE ATTEND THE BUSINESS MEETING! THERE ARE MANY ITEMS OF SOCIETY BUSINESS THAT HAVE TO BE CONSIDERED BY THE MEMBERSHIP AND THE SOCIETY EXECUTIVE IS COUNTING ON YOUR PRESENCE THERE.

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Pathology Round Table
Thursday Morning, September 5, 1968, 9:00-12:30 a.m.

Resistance to Disease in Invertebrates
With Particular Reference to Crustacea and Mollusca

Convenor-Dr. Aaron Rosenfield
U. S. Bureau of Commercial Fisheries
Biological Laboratory
Oxford, Maryland 21654

A. Disease Resistance

- I. 9:00- 9:30 - A Review of Invertebrate Disease Resistance and Defense Mechanisms
Dr. Frederik B. Bang, the Johns Hopkins University, School of Hygiene and Public Health
- II. 9:30-10:00 - Evidence for Disease Resistance to Delaware Bay Disease in Oysters
Dr. Harold H. Haskin, Rutgers - The State University, Department of Biological Sciences
- III. 10:00-10:30 - Genetics of Disease Resistance in the Honey Bee
Dr. Walter C. Rothenbuhler, The Ohio State University, College of Biological Sciences

B. Invertebrate Defense Mechanisms

- I. Humoral Defense Mechanisms
 - 10:30-11:00 - An Induced Bactericidin in the Spiny Lobster
Dr. E. Edward Evans, University of Alabama, Medical Center
- II. Cellular and Tissue Defense Mechanisms
 - 11:00-11:30 - Phagocytosis in Molluscs
Dr. Sung Feng, University of Connecticut, Marine Biological Laboratory
 - 11:30-12:00 - Histochemistry of Encapsulation and Encystment in Molluscs
Dr. Albert F. Eble, Trenton State College, Department of Biology
 - 12:00-12:30 - Wound Repair in Invertebrates
Dr. Albert K. Sparks, University of Washington, College of Fisheries

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The following is Dr. Enrico Masera's letter of acceptance of the first Honorary Membership bestowed by the Society for Invertebrate Pathology.

June 6, 1968

Dear Professor Steinhaus:

I have received your letter of May 24, 1968, which tells me of my election to honorary membership in the "Society for Invertebrate Pathology."

I thank you, the Council, and all members of the Society for your kind disposition in judging me worthy of such great honor. This honor is, for me, a generous reward for the pioneering work accomplished in a sector of pathology which at that time intrigued rather few scientists, and which on the whole had largely been ignored.

I take notice with pleasure that thanks to you, Mr. President, especially because of your catalytic function, the situation has radically changed. Today, the pathology of invertebrate animals is formally established as part of comparative pathology.

I expect that the studies pursued by the members of our association will be broadened and deepened to the advantage of mankind. Such knowledge should prove useful for the protection of beneficial organisms and for the control of destructive pests, with increased restraint in the use of more hazardous methods.

Gratefully I accept the election to honorary membership and I hope not to be the only such member for long. I am extremely honored to be the first of a legion and it is I who is proud of having received this show of appreciation from our Society.

To you personally, Mr. President (whom I had the pleasure of meeting), to the Council, and to all members I express my "thank you" and I send my wishes for good work and successful endeavors.

Please accept my feelings of high esteem and my very best regards.

Yours,

ENRICO MASERA

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ANNOUNCEMENTS

A New Book Entitled "Microbial control of insects": Your Co-operation Is Requested

In recent years the potential of the microbial control of insects has become apparent and the method is in commercial use. The time is ripe for a new book to assess both its current status and future prospects in comparison with other methods of control. At the same time the book will introduce the subject to non-specialists and review in detail important developments over the past ten years, so providing a specialist reference book for the practising Insect Pathologist. A special effort will be made to indicate future research and development requirements to guide those responsible for research policy.

To ensure that the book is up to date, as much current unpublished work as possible will be included and reference to the early history of Insect Pathology will be minimised. We hope that this venture will receive your enthusiastic support and we invite you to take a personal interest in its genesis by sending a summary of any unpublished work to appropriate contributors for possible use in the preparation of their chapters, duly acknowledged of course. These summaries could cover papers in press or in preparation, work awaiting writing up or current results. This is an opportunity to avoid the frustration of seeing your work excluded through being a little too late. Our contributors must complete their chapters by February, 1969, and the book should appear 6 months later.

Invertebrate Pathology is now too large a subject to cover comprehensively in any one volume. However, we feel it is still manageable if only the microbial control of insects and mites is considered. The book will include organisms ranging from viruses to Nematodes, and microbial products, such as toxins. In the introductory paper, we shall set the stage for later papers with a study of the general problem of insect control, discussing the advantages and disadvantages of microbial control in comparison with control by chemicals, or by predators and parasitic arthropods. In the ensuing papers the available pathogens, their identification, use and production will be described, with emphasis on the functional approach. These main papers will be supplemented by contributions from fields of special interest, from aspects showing recent rapid development, or those on the verge of development and thus likely to benefit from a little stimulus. The final paper will draw general conclusions and discuss important features requiring special emphasis. Useful information will be summarised in an appendix.

Addresses of the contributors and further information can be obtained from H. D. Burges, Pest Infestation Laboratory, Agricultural Research Council, London Road, Slough, Bucks, England.

H. D. Burges and N. W. Hussey
Editors

1. AIBS General Headquarters, French Field House
2. SIP Headquarters, 218 Civil and Aeronautical Engineering Building
3. Abstract presentations and Roundtable, 112 Dentistry Building
4. Ohio Stater Inn, Annual Supper, Pavilion Room, September 3
5. Ohio Union, Luncheon, South Terrace, September 5
6. Edith Cockins Hall, 111-B, Council Meeting, September 2 (College Office)
7. Botany and Zoology Building (houses Faculties of Genetics, Entomology, Population and Environmental Biology, and Organismic and Developmental Biology)

