

sip

newsletter

society for invertebrate pathology

Volume VII, Number 2
March 1975

VIIITH ANNUAL MEETING
SOCIETY FOR INVERTEBRATE PATHOLOGY
OREGON STATE UNIVERSITY
CORVALLIS, OREGON
AUGUST 17-22, 1975

Members of SIP will be pleased to learn that the American Society of Zoologists and the Society of Protozoologists will also be meeting in conjunction with the AIBS in Corvallis. We are endeavoring to coordinate our sessions. On Thursday, August 21 we are co-sponsoring, with the Invertebrate Division of the American Society of Zoologists, a symposium on invertebrate immunology.

We have decided to have a one-half day Poster Session. If your material would be best presented by means of photographs and diagrams--with your presence to answer questions--consider using this format. Indicate on your abstracts (to Mauro Martignoni or Mike Mix) that you wish to have them in the Poster Session.

Corvallis is served by airports in Eugene and Portland. You are strongly urged to make early reservations, and to make them to Eugene. This airport is 45 minutes by car from the Oregon State University campus, whereas the larger Portland International Airport is one hour and forty-five minutes. San Francisco is a suitable terminal for flights to Eugene, though connections can also be made in Seattle and Portland. AIBS will arrange ground transportation from airport to campus. If you plan to travel by train, arrange reservations on Amtrack to Eugene. Greyhound busline serves Corvallis direct.

We are planning to have an outdoor Salmon Bake for our "banquet" this year. While the AIBS Salmon Bake on Sunday evening, August 17, will be on campus, ours will be in a nearby park and we shall provide beer and wine. It is scheduled for Tuesday, August 19.

Unless you are a non-U.S. member in a Pacific-rim country, you have not yet been informed of the International Pacific Science Congress which is to be held at the University of British Columbia, August 18-30, 1975. In view of our proximity to Vancouver (one day by road), you should consider the possibility of going on to these meetings after our annual meeting. The theme of the Congress is "Aquatic Resources and Their Management," and further details are available from:

*Dr. W. S. Hoar, Secretary General
Thirteenth Pacific Science Congress
Department of Zoology
University of British Columbia
Vancouver, B6T, 1W5, CANADA*

Summer in the Pacific Northwest is characteristically beautiful. Expect daytime temperatures in the 70's



The Oregon State University Memorial Union, a focal point of the campus, situated on large, open "quad" area.

and 80's and nighttime lows in the 60's. AIBS is arranging housing accommodations in dormitories or local hotels and motels, but it will be possible to camp locally. Information on housing for SIP members outside the U.S. is available from:

*Ann F. Kulback
AIBS
3900 Wisconsin Avenue, N.W.
Washington, D.C. 20016 USA*

Details may also be found in the February issue of Bioscience.

Corvallis is in the center of the fertile Willamette Valley, five percent of the area of Oregon, with 90 percent of the state's population. One hour across the coast range, you might plan to visit the Pacific Coast (a day-long field trip is being planned to Oregon State's Marine Science Center in Newport), where open coast beaches alternate with rocky, basaltic headlands facing the wide North Pacific. The largest sand dune area in the U.S. is to be found near Florence, three hours from Corvallis. To the east rises the Cascade Range where

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VIIIth ANNUAL MEETING

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the 14,000-foot Mt. Hood, Crater Lake National Park, and other peaks of outstanding beauty are located. AIBS is arranging trips to some of these places.

The scientific program promises to be very worthwhile, so we can truly say "come for the science, but do not fail to enjoy the natural beauty of the luxuriant Northwest."

Christopher J. Bayne
Local Arrangements, SIP
Department of Zoology
Oregon State University
Corvallis, Oregon 97331

WE DIDN'T MEAN TO MISLEAD, SO . . .

this note was written to correct some apparent misunderstandings that resulted from our program announcement in the January Newsletter. As usual, we welcome titles and abstracts concerned with all areas of invertebrate pathology. Open concurrent sessions are planned to accommodate papers in other subject areas. In our previous announcement, we were encouraging investigators to submit papers that could be included in the more structured sessions described in the Newsletter.

ABSTRACTS

The Program Co-Chairmen remind the members of our Society that the abstracts are due no later than March 15, 1975. Instructions for the preparation of the abstracts were published in the January Newsletter (Volume VII, Number 1, 1975). Additional copies of these instructions may be obtained from Dr. Mauro E. Martignoni.

Abstracts should be mailed to either Dr. Mix or Dr. Martignoni. If authors wish notice of receipt of their abstracts, they should enclose a self-addressed and stamped postcard. Authors will be notified if their paper is not accepted.

POSTER SESSION

Members of SIP will have an opportunity to try "the better way" to present papers. The Ecological Society of America, the Society for Invertebrate Pathology, and other societies will reserve one morning or one afternoon for a "poster session." Poster sessions will be of the format pioneered in Europe and, more recently, at the Biochemistry/Biophysics meeting in Minneapolis, in 1974. The poster session is ideally suited for presentation of graphs, data tabulations, and pictures. The participants will bring their own charts and other illustrations to the assigned room where large (4' x 8', or 1.2 m x 2.4 m) bulletin boards will have been set up along the walls. The authors will mount their posters on the assigned board during the 15 minutes preceding the scheduled half-day session, as noted on the program. A small amount of text should also be posted, to illustrate the main points of the presentation. "Poster assistants" will provide adhesive tape, thumbtacks, and some help, if needed, in setting up the display. During the session, authors will remain with their material for about one hour, to expand on their display and to answer questions. Visitors to the poster sessions may choose to go directly to the papers that interest them, or to wander through the area and glance at the several posters.

Participants at previous poster sessions feel that authors have more time to present their subject matter than during a conventional slide presentation. Furthermore, the informality of small-group interaction will foster personal two-way exchange of information with the visitors. For further details on poster sessions see Science (184, 1361, 28 June 1974) and Feder. Proc. (33, 2087, October 1974). A suggested display for a poster session is illustrated on page 3.

SIP members are encouraged to try this novel approach. When mailing the abstract (or in a separate envelope, if the abstract has been mailed already) authors who wish to present their work in the SIP Poster Session are requested to enclose the completed form below. Please mail the form to Dr. Martignoni or Dr. Mix, who may be contacted for additional information on the Poster Session.

(Detach at dotted line, check one box, complete and mail)

- I would like to present my paper in the SIP Poster Session.
I am indifferent. You may schedule my paper in the Poster Session or in a conventional session.

Name of author(s)

Title of paper

Program co-chairmen:

Insect Pathology

Pathology of Invertebrates
Other than Insects

Dr. Mauro E. Martignoni
Forestry Sciences Laboratory
3200 Jefferson Way
Corvallis, Oregon 97331 USA
(503) 752-4211

Dr. Michael C. Mix
Department of General Science
Oregon State University
Corvallis, Oregon 97331 USA
(503) 754-1151

DISPLAY AND INFORMATION BOOTH

The Society is interested in establishing a display and information booth at the annual meeting in Corvallis. The purpose of the display is to inform other biologists of the research activities currently being conducted in the field of invertebrate pathology. Your ideas and comments are needed. Especially useful at this early stage of planning are your duplicate photographs of invertebrate pathogens which can be displayed. With each photograph you send, please provide the following information (typed on a 4" x 5" card):

- 1. brief descriptive caption;
2. magnification and reference, if appropriate;
3. your name and address.

Send materials by June 1, 1975 to:

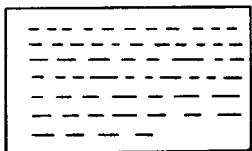
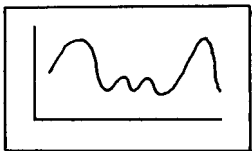
Dr. A. J. Nappi
Biological Sciences
State University of New York
Oswego, New York 13126 USA

POSTER SESSION

SUGGESTED DISPLAY (see page 2)

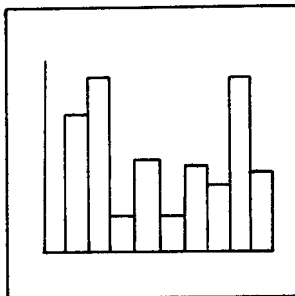
AN EARLY FUNCTION OF THE BACULOVIRUS GENOME

J. White and G. Bianchi



T A B L E I

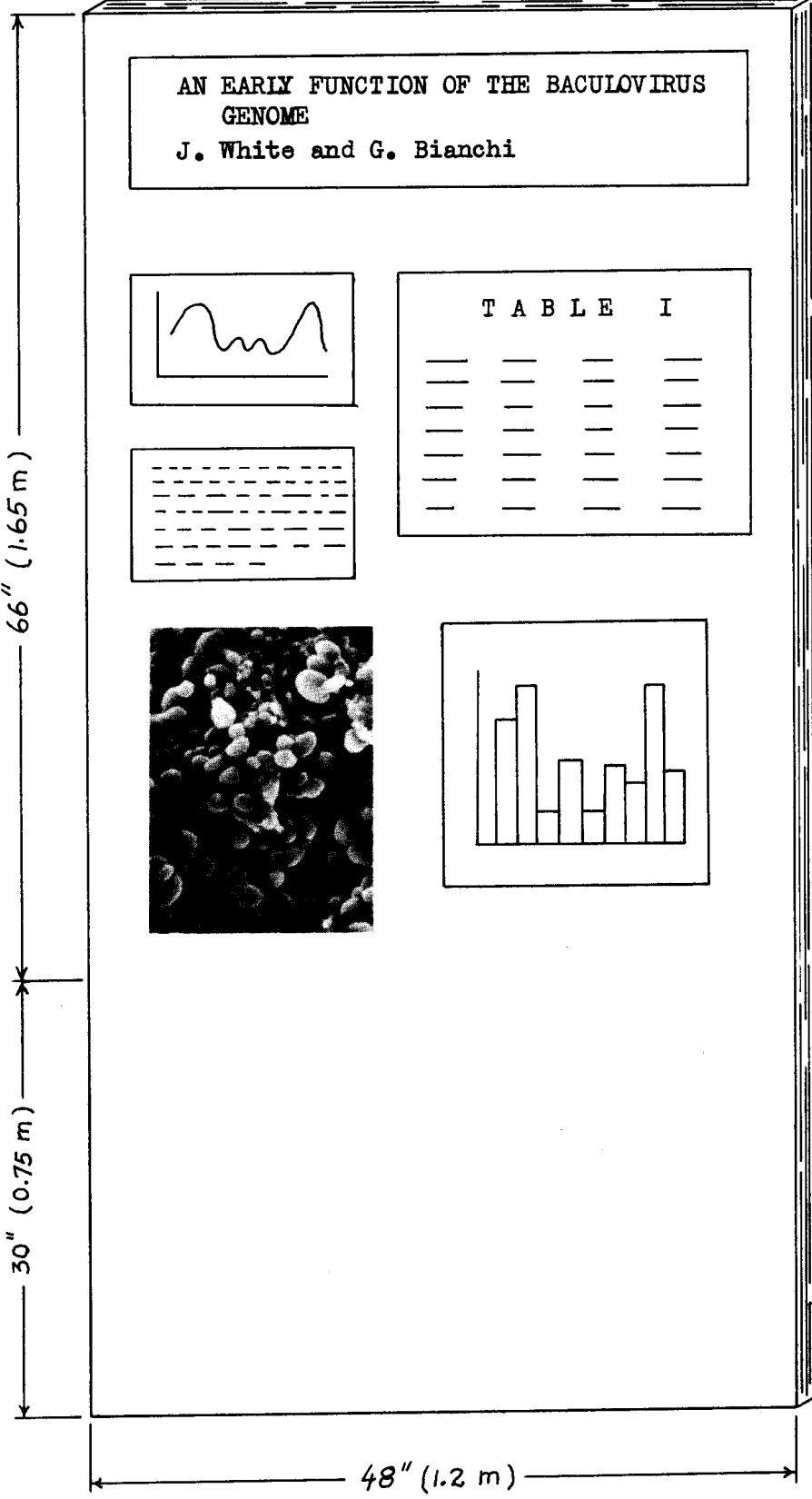
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Provide a label containing the abstract title and name(s) of author(s) to identify your presentation. The lettering for this section should be not less than 25 mm (1") high.

Prepare and bring with you to the meeting all illustrations needed for your presentation: figures, tables, schemes, equations, etc. Plan your posters so that none will be mounted closer than 0.75 m (30") to the floor.

Mount your materials on the fiberboard by means of adhesive tape or drawing pins (thumbtacks). These items will be provided in the area. Please do not write or paint on the fiberboards. There will be blackboards for discussion in the poster areas. "Poster assistants" will help you with information or assistance in setting up the material.



PUBLICATIONS

Invertebraten in der Geschwulstforschung--Invertebrates in Tumour Research, by Kurt Krieg (60 figs., 3 tables, 215 pp., Band 12: Beitrage zur Krebsforschung, Verlag Theodor Steinkopff, Dresden, 1973--Price M68.00, approximately \$27.76.

This book fills a gap in the literature by summarizing our knowledge of invertebrate neoplasms. The German text is followed by an extensive summary in the English language. The bilingual character of this study hence has a certain advantage of appealing to a wider range of readers. Figure legends are in German and English; illustrations are of excellent quality. References are included up to 1970. Perhaps the most important contribution of this volume lies in its critical evaluation of the material on abnormal growth in invertebrates.

A short introduction is followed by a discussion of spontaneously occurring growth processes, due to unknown causes, including infections, parasites, genes and environmental hazards. Next, experimentally produced neoplasms in invertebrates are considered--neoplasms produced by chemical carcinogens, physical factors, infections, nerve severance, etc. Invertebrate abnormal growth processes are then differentiated by cause and morphology. The role of regeneration in flatworms; e.g. in its relationship to abnormal growth; is reviewed. The presentation continues with a classification and examination of the invertebrate neoplasms. The invertebrate and vertebrate neoplasms are compared. In conclusion, invertebrates are discussed as models in comparative oncology, emphasizing cytologic processes and the role of inhibitory compounds. The extensive review of the known material and its critical evaluation makes this book a valuable contribution to the library of the professional.

Hans E. Kaiser
Department of Pathology
University of Maryland
Baltimore, Maryland 21201 USA

MEETINGS

IV International Conference on Invertebrate Tissue Culture, June 5-8, 1975, University of Montreal, Montreal, Quebec, Canada

Chairmen of the Conference are Dr. E. Kurstak and Dr. K. Maramorosch. The Conference will emphasize the application of invertebrate tissue culture to medicine, biology, and agriculture. For further information contact:

Dr. E. Kurstak
Département de Microbiologie
et Immunologie
Faculté de Médecine
Université de Montréal
Montréal 101 C.P. 6128, P.Q.
CANADA

International Conference on Immunological Phylogeny, University of Hawaii, June 11-14, 1975

This Conference has scheduled five sessions on invertebrate immunology.

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POSITIONS AVAILABLE

ASSISTANTSHIP

A graduate research assistantship is available immediately. M.S. or Ph.D. program. 12-month. Protozoologist or parasitologist. Further information may be obtained by writing:

Dr. G. M. Boush
Department of Entomology
University of Wisconsin
Madison, Wisconsin 53706 USA

Project Leader

The position of Leader of the Shrimp Disease Project, part of the Aquaculture Investigation, Galveston National Marine Fisheries Service Laboratory, is available. The position will be at the GS-12 level (\$18,463/year). The Leader is under the general supervision of the Task Leader, Shrimp Task, Gulf Coastal Fisheries Center, Galveston Laboratory. Duties include conducting a research program in shrimp pathology; investigating the use of various chemical agents for the control and prevention of parasites and diseases; working closely with personnel in nutrition, sexual maturation, and intensive culture projects; providing a diagnostic service for the shrimp culture industry; developing and implementing a sound safety program; and carrying out the Gulf Coastal Fisheries Center's EEO Affirmative Action Plan. The candidate must have a comprehensive knowledge of invertebrate pathology, microbiology, and experience in the use of the electron microscope. Interested persons should apply for a Civil Service rating as a Microbiologist at the GS-12 level (announcement no. 421). Standard Form 171 should be sent to:

U.S. Civil Service Commission
Washington Area Office
Hyattsville Branch Office
Federal Center Building
Hyattsville, Maryland 20782 USA

with a copy to:

Richard A. Neal
National Marine Fisheries Service
4700 Avenue U
Galveston, Texas 77550 USA

IN MEMORIAM

J. M. Cameron

Staff and friends were saddened to hear of the death of Dr. J. M. Cameron, Director of the Insect Pathology Research Institute, on January 4, 1975.

Dr. Cameron received his Ph.D. from MacDonald College of McGill University. Prior to joining the Insect Pathology Research Institute, he was a demonstrator and lecturer in Zoology and Entomology at MacDonald College from 1932 to 1939. From 1939 to 1941 he was Professor of Entomology at the Nova Scotia Agricultural College and Provincial Entomologist for Nova Scotia. During the war he was navigation instructor for the R.C.A.F., and from 1945 to 1950 he was Assistant Officer-in-Charge for the Forest Insect Laboratory in Sault Ste. Marie. He was appointed Director of the Insect Pathology Research Institute in 1950.

