

sip

newsletter

society for invertebrate pathology

Volume XII, Number 4
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SIP XIIth ANNUAL MEETING



1980--The Steinhaus Year

Seattle has a special meaning for SIP, since the Society was founded there in 1967. It is appropriate that our 1980 meetings should be held there, and fitting that we should dedicate the meetings to the memory of Edward A. Steinhaus, one of our founders and our first president. In Newsletters to come, there will be more about Ed and his contributions to SIP and invertebrate pathology.

XIIth ANNUAL BUSINESS MEETING MINUTES Wednesday, August 28, 1979

President Weiser called the meeting to order at 4:30 p.m. in the auditorium of the Reitz Student Union, University of Florida, Gainesville, Florida.

Following a brief statement of welcome, President Weiser reported that both the minutes of the business meeting at Prague and the treasurer's report had been published in Vol. 10, No. 4 of the SIP Newsletter, but were available for reading upon request of any person at the meeting. No such request was made and both reports were approved as published (motion by Johnson, seconded by Tanada).

In the absence of Permanent Program Chairman Aaron Rosenfield, Vice President Johnson presented a synopsis of his report. Some discussion centered on the benefits and timing of the 1980 meetings at the University of Washington at Seattle, Washington. The Seattle site for the 1980 meetings was approved following the report of the committee that a local representative was not available at Irvine, California, which was the originally planned location for those meetings. Also, as discussed in the council meeting, selection of the Seattle site commemorates the 1967 meeting of the SIP organizational committee at that location--a meeting at which E. A. Steinhaus was most instrumental in founding our Society. In addition, it was pointed out that the Seattle location is probably the most advantageous, in terms of proximity, to the International Congress of Entomology meetings that will be held in Japan during August, 1980. It can be expected that people traveling to or from the International Congress may find it convenient to also attend the SIP meetings at Seattle. Local representative Al Sparks agreed to investigate the relative merits, in terms of available facilities, of holding the SIP meetings before or after the International Congress of Entomology.

President Weiser then reviewed the more prominent topics discussed in the Executive Council meeting held during the previous two days.

1. President Weiser addressed the role of the Society as the authority on Invertebrate Pathology in the International Union of Biological Sciences (IUBS) and pointed out the fine job of J. Briggs as our international representative to this body. Also, in Council, the report by Briggs covered activities related to location and deposition of types, the development of a directory of workers in Invertebrate Pathology, and the dispersal of abstracts of the Prague meetings.

2. President Weiser pointed out that the Council had addressed the topic of developing a SIP directory. It was recognized that there had been much interest expressed by the membership for such a directory. After considerable discussion, the Council decided that because the more comprehensive directory being prepared by Briggs was in the final drafting stages, our society should join in that effort by contributing \$200 to help defray expenses of its preparation. Society members will be identified in that directory.

3. The prospect of action at the current meeting in initiating a Division on Microbial Control also was addressed at the council meeting. The action was in the form of an organizational meeting to be held the following day. President Weiser reported that the Council supported the development of such a Division, but that the action must be initiated and formulated by the membership.

4. President Weiser reported that there was considerable discussion in the council meeting on our present affiliation with the American Institute of Biological Sciences (AIBS). The recognized advantages to the affiliation included:

- a. AIBS helps in arranging joint meetings. Of the 12 Society meetings, 6 have been with AIBS. Also, AIBS has indicated possible help in organizing Society meetings not held jointly with AIBS.
- b. AIBS provides mailing labels for nominal fees.
- c. AIBS provides a more authoritative posture for small organizations, such as the Society as the authority on Invertebrate Pathology.

The disadvantages included:

- a. The Society is assessed an annual fee of \$1.00 per year for each U.S. member, which in 1979 was \$192.00.
- b. The President of SIP is not always a U.S. citizen, which conceivably, could place the President in an awkward position in addressing some point of U.S. national interest addressed to the Society as the authority on Invertebrate Pathology through the AIBS. It was pointed out in Council that Vice President Johnson had served as President Weiser's proxy to the AIBS.

The Council then discussed the present situation of not taking an active role in the AIBS, but rather simply using the services provided by that body. It was suggested that it might be advantageous to the Society in assuming a more active role, particularly in determining future meeting sites. Such increased participation would, however, require reimbursement of expenses incurred by the Society representative in attending the AIBS governing board meetings, etc. The Council recommended maintaining the present level of involvement in AIBS activities.

The council then addressed the fact that the Society currently does not take an active role in the AIBS, but rather simply uses the services provided by that body. Vice President Johnson suggested that it might be advantageous to the Society in assuming a more active role, particularly in determining future meeting sites. Such increased participation would, however, require reimbursement of expenses incurred by the Society representative in attending the AIBS governing board meetings, etc. The Council recommended maintaining the present level of involvement in AIBS activities.

5. The discussions in Council of the costs of increased AIBS involvement initiated a review of current Society income and expenditures. The consensus was that the Society presently was gradually losing ground, due primarily to inflationary trends, and that probably within the year costs would exceed income. Accordingly, the Council recommended increasing dues to \$9.00 per year for non-U.S. members and \$10.00 per year for U.S. members (includes \$1.00 AIBS membership). The Council instructed the Secretary to distribute mail ballots for membership action on this recommended increase.

6. President Weiser reported that the Council had addressed problems related to the transfer of duties of officers. It was recommended that the duties of each office be outlined for use by new officers, however, the transfer of correspondence should be at the discretion of the people involved.

7. The problems of some members in sending funds to the U.S. for dues and JIP subscription were discussed in Council with the prospect of the Society assuming a more involved and active role. However, after examining various aspects of this, the Council decided that sponsorship of members in such circumstances should remain informal.

8. The Council recommended the preparation of a brochure describing the workings and objectives of the SIP for distribution to prospective members. A committee chaired by J. Maddox was appointed to develop the brochure.

9. The Council recognizes that there are numerous slight discrepancies in the constitution of the Society due primarily to the changing responsibilities of officers and committees. It was recommended that a committee be appointed to identify the required changes and to draft amendments and changes for approval by the membership. Vice President Johnson was appointed to pursue this matter with M. Martignoni.

10. Interest in the Society has been expressed in seeking foundation support possibly in the form of a grant, to provide funds to help defray the expenditures of the Society. The Council recognized the merits of such support and a committee chaired by J. Briggs was appointed to investigate this matter and to then report its findings at a subsequent council meeting.

11. President Weiser reported that the Council reviewed the action of the Current Contents in transferring the JIP title listing from Life Sciences to the Agriculture, Biology, and Environmental Sciences listing. It was pointed out that the Current Contents action followed trends in references from Citation Index. However, there were opinions expressed that such action would make the JIP listing unavailable to the more basic researchers and laboratories that subscribe to only Life Sciences. After considerable discussion on this topic, the Council recommended that Vice President Johnson prepare a letter for the signature of the President and other interested Society members urging that Current Contents list JIP titles in both issues.

President Weiser called for old business and a request was made from the floor that Publication Chairman Cheng review his report. This was followed by considerable discussion on the low number of personal subscriptions to the Journal. Federici and Maddox were appointed to prepare a letter for mailing to each non-subscribing member urging them to subscribe to the Journal.

President Weiser called for new business. No new business was introduced.

President Weiser then adjourned the business meeting.

J. E. Henry
Secretary

SIP COMMITTEE REPORTS

Annual Report of the Editor-in-Chief Journal of Invertebrate Pathology

The Journal continues to be healthy; in fact, it is growing. During the period extending from July 1, 1978, to August 1, 1979, a total of 214 manuscripts were received for processing. The figure for the same period during the preceding year was 189. Of the manuscripts received this past year, 91 were reviewed and accepted for publication and have appeared or will be published soon. Of the remainder, 96 are still being processed, i.e., being reviewed or revised. Twenty-seven have been rejected.

Periodically, some author queries why it "takes so long" to have a manuscript published. For the record, there are three major reasons, or combinations thereof, why delays do occur in the publication of manuscripts:

1. Authors take much too long to revise manuscripts. Such revisions may be the result of technical criticisms by reviewers, not following the "Instructions to Authors," or carelessness in presenting data. We have at least ten examples of where the author has taken from 12 to 16 months to revise manuscripts.

2. Reviewers are taking much too long to review manuscripts. There is a "simple" solution to this problem, i.e., inform reviewers that they are to return manuscripts, with or without reviews, within a set period of time. This solution, however, tends to discourage our best reviewers from examining papers critically. We all know that the best scientists are also those who have more work to attend to per day than there is time. Your Editor is of the opinion that it is better not "to rush into print" than to lower the established standards of the Journal.

3. A major reason for delay in publication is the policy of Academic Press to limit the number of pages per year, i.e., two volumes. Specifically, each volume is limited to ~400 pages, or approximately 800 pages per year. Therefore, even if manuscripts are processed faster, they would not appear any sooner. To increase the number of pages per year would mean either increasing the size of each number, and consequently the subscription rate, or increasing the number of volumes to three, which would cause a significant hike in the subscription price. As your Editor, I have done everything within my ability to keep the quality of the printing, including engraving, at the best, and still not necessitate an increase in the subscription rate. This is most difficult when the national inflation rate is increasing at 15% per year.

4. Finally, it may appear that an excessive amount of time passes between the receipt and publication dates if one examines the receipt dates associated with each article in the Journal. The fact to remember is that JIP still uses the true receipt date, rather than an acceptance date like so many journals do. The reason we employ the receipt date is to give each author priority credit for his or her work. As all of you know, in instances where priority of a discovery is in debate, it is the receipt date of the manuscript that is used to settle the dispute.

May I point out that during the 11 years of my editorship, JIP has never been late, and each number has consisted of the allowable number of pages.

A few words about the number of subscriptions. As of August 13, 1979, the number of subscribers are as follows:

	<u>U.S.A.</u>	<u>Foreign</u>	<u>Total</u>
Institutional	344	392	736
Individuals	80	54	134
	424	446	870

The total number of subscriptions for the past decade are:

1969	---	822
1970	---	911
1971	---	855
1972	---	845
1973	---	939
1974	---	930
1975	---	837
1976	---	877
1977	---	861
1978	---	870

As indicated, the total number of subscriptions has not increased, especially among the membership of SIP. If individuals do not support the Journal by subscribing, then the Journal must do the best it can under strained financial restraints, i.e., we cannot increase the number of pages, etc.

Finally, a topic that should be considered is the present practice by Current Contents of reproducing the title pages of JIP in the "Agriculture, Biology & Environmental Sciences" edition rather than the more popular "Life Sciences" edition. The reason given by Current Contents for this is that references to articles published in JIP appear more frequently in journals included in the "A, B, & E Sciences" edition. This information has been obtained from Citation Index.

If there really is a strong desire on the part of the membership, especially the subscribers, to see JIP included in the "Life Sciences" edition, the only way to alter this is to discourage the publication of "applied" papers, i.e., the results of biocontrol field tests, modifications of established techniques, agriculturally oriented papers, etc. Your Editor, following the mandate of the Society, has not selected manuscripts based on their being "basic" or "applied," and until instructed otherwise, will continue this practice. However, the subject matter of each manuscript must pertain to Invertebrate Pathology as broadly defined. To act otherwise would destroy the uniqueness of JIP.

Your Editor asks for your indulgence if you think the management and editing of the Journal could be improved; however, please remember that the editorship is a labor of love squeezed between numerous other professional responsibilities.

Thank you.

Thomas C. Cheng
Editor-in-Chief

Report of the Secretary

In my report to the Council at the Gainesville meetings, I mentioned that the duties of Secretary of the Society were not nearly as time consuming as I had expected when I took over the office from past secretary Wayne Brooks. This was due almost entirely to the fine job being done by Aris Domnas as Editor of the Newsletter, which of course is a major responsibility of the Secretary. Having also served as Editor during the previous administration, Aris has the contacts and experience that enables him to publish the Newsletter without the interference of the Secretary and we should all be aware of the fine job he is doing.

As many of you have observed, Dr. Domnas has interjected some personal ideas into the character of the Newsletter. I think this is good because it increases the reader interest and awareness. He has indicated a willingness to publish more personal interest items, including Letters to the Editor. I know there are many issues related to the Society as a whole about which there are different views and the Newsletter should be a means for full and open consideration of these issues. Please bear in mind, however, that it does cost money to publish the Newsletter, and the Editor, and possibly the Secretary, might be required to make decisions on possibly not publishing some contributed items which might be considered as not being of significant interest to the membership.

During the past year, 50 delinquent members were notified of being in arrears and that they would be dropped from the rolls in accordance with the by-laws of the Society. As of this time, 16 of these have requested reinstatement. As decided by the Council at the Prague meetings, members were reinstated upon receipt of the dues for the current year. I have been informed by Treasurer Maddox that a large number of members are in line to receive similar letters at the next notification time. Most of you know whether or not you are delinquent, and if you are, I urge you to pay your dues with money or a check to Treasurer Maddox. This saves everyone time and money.

J. E. Henry
Secretary

Report of the Division on Microsporida

The annual Business Meeting of the Division on Microsporida was held on August 29, 1979 in Gainesville, Florida. Twenty-eight members of the Division were in attendance. Dr. J. Maddox distributed a current directory of members of the Division and copies will be sent to members who were not in attendance. Eighty-four members of the Division are listed in the directory.

Dr. J. Weiser circulated a list of microsporidian species which he has on microscopic slides in his collection. He encouraged other microsporidiologists to do the same.

The following nominating committee was appointed: Dr. J. Nordin, Chairman, Dr. L. Lewis, and Dr. J. Henry. A new slate of officers is needed for 1980-82.

Other action included the tentative selection of the topic, "Sexuality in the Microsporida," for next year's workshop in Seattle, Washington.

The business meeting was followed by a workshop. Dr. J. Nordin spoke on use of juvenile hormone analogs for increasing microsporidian spore production in Lepidoptera. Dr. J. Weiser described techniques for feeding and injecting insects with microsporidia. Doug Streett presented his results on SDS-polyacrylamide gel electrophoresis of microsporidian spore extracts and provided xerox copies of his methods. Dr. D. J. Joslyn spoke about his isozyme starch gel electrophoresis techniques and requested the cooperation of other microsporidiologists in supplying spores of various microsporidian species for comparative studies.

J. Weiser
Chairman

Report of the Membership Committee

The membership of our Society currently totals 625. We have 618 individual members made up to 47 students, 576 founding, charter, and regular, 3 emeritus and 1 honorary member. We are also fortunate to have 7 sustaining members.

Since December 15, 1979 we have added 6 students and 22 regular members to our Society.

In accordance with Article III-14 of the Society Constitution, the Secretary, John Henry, notified 50 members that they were 2 years delinquent in payment of dues and would be dropped from the Society if dues were not paid. Thirteen of the delinquent members have asked to be reinstated, and 37 will be dropped from the Society.

Three other members resigned from the Society in good standing because their research interests no longer included invertebrate pathology.

J. E. Henry
P. T. Johnson
J. V. Maddox

SIP Financial Statement December 12, 1978 to August 20, 1979

Receipts

Received from J. D. Paschke		\$ 2,104.11	
Membership Dues			
Regular	\$ 2,657.78		
Student	56.00		
Sustaining	<u>700.00</u>	3,413.78	
Division on Microsporida			50.00
AIBS Affiliation Dues (U.S. members)			192.00
Journal of Invertebrate Pathology Subscriptions			
Domestic	3,331.50		
Foreign	<u>2,222.50</u>	5,554.00	
Miscellaneous			
Dues in arrears	397.50		
Dues paid in advance	98.00		
Receipts from Kingston Proceedings	51.00		
Receipts from Prague abstracts	<u>102.00</u>	649.34	
Interest			43.03
Fogarty International Center Grant for travel expenses of members to XIth Annual Meeting in Prague			<u>12,306.94</u>
TOTAL			<u>\$24,313.20</u>

Disbursements

Journal Orders (Vols. 33, 34)			
Academic Press			\$ 5,720.00
Newsletter			
Printing and envelopes - Triangle Press	1,086.28		
Postage	<u>486.17</u>	1,572.45	
A.I.B.S.			
Affiliation dues	360.00		
Products	<u>42.57</u>	402.57	
Postage - member billing, correspondence			223.25
Programs for 1979 SIP meeting - Gainesville			346.84
Local arrangements expenses for 1979 SIP meeting, Gainesville			800.00
Envelopes, paper, etc.			52.11
Bank charges			
Fogarty International Center travel grant payments to members for travel to Prague			<u>12,306.94</u>
TOTAL			\$21,436.47
Balance on Hand August 20, 1979			<u>2,876.73</u>
TOTAL			<u>\$24,313.20</u>

The Society has an additional \$518.41 Canadian dollars in a Kingston, Ontario, Canada bank drawing 10% interest. This money, proceeds from the SIP Kingston meeting, will not be transferred until needed or the exchange rate between Canadian and U.S. currencies is more favorable.

Of the 618 Society members, 427 (28 students) have paid their 1979 annual dues. The dues status of our membership by year is as follows:

Paid through 1976	---	37
1977	---	62
1978	---	92
1979	---	416
Paid beyond 1979	---	11
TOTAL	---	618

As reported by the membership committee the 37 members delinquent since 1976 are being dropped from the Society in accordance with our constitution.

Journal subscriptions numbered 143, 85 domestic and 58 foreign. Only 23% of our membership subscribe to the Journal.

J. V. Maddox
Treasurer

Report of the Permanent Program Committee

It is a pleasure to present this report for it permits the Committee to acknowledge the extraordinary assistance it received from Dr. George Allen and his staff, particularly Vicki Coreley, officials of the University of Florida, and members of Dr. Weidhaas' staff of the Department of Agriculture, particularly Ed Hazard, in serving on the Local Program Committee which organized and made all arrangements for this year's meeting. The Committee also wishes to thank Mrs. Muriel McNelis of the U.S. Department of Commerce Laboratory, Oxford, Maryland, for her important and timely help in typing and assisting the Committee in program planning and development. Dr. A. Domnas must also be acknowledged with gratitude for his part in bringing out printed programs, schedules, and abstracts of these meetings.

This year the permanent Program Committee included Drs. John Harshbarger and P. T. Johnson, who served as a proxy to President Weiser, who as Chairman of the Microsporidian Division, is a member of the Committee. Members of the Committee met several times and held numerous discussions during the year, and a site visit to the University of Florida was made in October 1978, by the Chairman to coordinate arrangements with the Local Committee.

Of major disappointment to the Committee was its inability to settle the site and date for the forthcoming XIIIth Annual Meeting in 1980. The Council and membership will recall that last year the membership approved the University of California at Irvine as the site to meet in conjunction with AIBS. We found that AIBS cancelled its original plans and now intends to meet in Tucson, Arizona in June 1980. Efforts to go forward with plans to meet in Irvine independent of AIBS also met with failure. Consequently, the Committee, feeling obliged to locate new sites for 1980, contacted and received invitations to hold the 1980 meetings in August at the University of Washington in Seattle and the University of Wisconsin in Madison. On the subject of future meetings, the Committee received additional invitations for meeting sites in the United States. In keeping with past procedures, the Committee recommended the following sites for future meetings:

- 1980 - University of Washington, Seattle
- 1981 - Montana State University, Bozeman
- 1982 - University of Sussex, Brighton, England;
Local informal workshops with AIBS,
Pennsylvania State University,
University Park
- 1983 - Cornell University, Ithaca, New York with
Society of Protozoology
- 1984 - University of Wisconsin, Madison

The Committee requested the Council to approve its 1980 recommendation and permit it to negotiate with Montana State University, Bozeman, for 1981 pending Council and membership approval during the 1980 meetings. Since meetings outside of the U.S. require several months lead time, the Council and membership has already indicated its approval for the Committee to negotiate with the University of Sussex, Brighton, England in planning for the 1982 meetings. Some planning has gone forward in this regard and will be discussed by Dr. Weiser who has been in communication with Dr. Burges.

Aaron Rosenfield
John Harshbarger
Phyllis T. Johnson

Report of the Archivist

Since completing my duties as Secretary of the Society in the fall of 1978, relatively few official activities have been undertaken as archivist. A complete file of SIP Newsletters has been assembled based largely on my own collection over the past years of the Society's existence and most are represented by a single copy. About 10-20 copies of all issues printed since Vol. VIII (4), Nov. 1976 are being maintained separately, and the assistance of members in supplying me with unwanted issues prior to this date will be appreciated. The correspondence files of previous secretaries (M. Brooks, 1972-1974; J. Harshbarger, 1974-1976; W. Brooks, 1976-1978) is also on file as well as correspondence of C. Ignoffo and B. Hurpin during their respective periods as past

chairman of the SIP membership committee. I should like to take this opportunity to solicit from past officers and chairmen of committees any correspondence that is felt would be of potential value to the Society. As time permits, I will attempt to sort through this material and arrange it into various categories to facilitate retrieval of the more important correspondence. For the time being I do not think it is in the best interest of the Society for me to attempt to maintain the files of the membership activities of the Treasurer but correspondence of past presidents and other officers will be particularly welcome. It will probably be helpful if some judgment is used to sort out the less potentially relevant material prior to shipment. The value of these files to the Society will be increased in accord with their completeness any assistance in voluntarily shipping such material to me will be appreciated.

W. M. Brooks
Department of Entomology
North Carolina State University
Raleigh, North Carolina 27607
U.S.A.

Report of the SIP Newsletter

Four Newsletters were prepared and distributed to our members for the period, November 1978 to August 1979 (Vol. X, #4, Vol. XI, #1,2,3) at an average printing cost of \$200 which is considerably lower than last year's figure (\$276). Counterbalancing this were mailing costs which averaged approximately \$126/issue to give us an average of ca. \$326 per issue which is still somewhat less than the last year's figure at this time. In addition, the Newsletter printed the abstracts and extra programs for the Gainesville meetings.

The editor took the liberty of initiating two new features in the Newsletter. One column is termed "SIPeople" and reports the myriad activities of our membership. The second innovation is a "Letter-to-the Editor" column and this has been received with considerable approval as attested by personal communication from our members with me.

Dr. K. Aizawa (Japan), Dr. S. V. Amonkar (India), Dr. L. P. S. van der Geest (Europe), and Dr. R. Teakle (Australia and New Zealand) are continuing to assist in the rapid delivery of the Newsletter to members outside of the U.S. and Canada.

The following members have graciously agreed to serve or continue to serve as regional correspondents.

K. Aizawa, Japan
S. V. Amonkar, India
H. Boman, Scandinavia
H. D. Burges, United Kingdom
P. Ferron, France
B. Gabriel, The Philippines
E. Jahn, Austria
F. Jimenez-Millan, Spain
R. Kenneth, Israel
J. I. S. Pillai, New Zealand
V. Pristavko, USSR
J. E. Stewart, Canada
R. Teakle, Australia
L. P. S. van der Geest, The Netherlands
C. Yamvrias, Greece

A. J. Domnas, Editor
SIP Newsletter

Report of the Working Group on Safety of Microbial Control Agents

A report on the Working Group's session was presented in the SIP Newsletter (Vol. X, #4). As mentioned in that report, the 58 participants of the working group session at Prague elected a steering committee consisting of L. A. Falcon, O. N. Morris, T. Couch, and M. Laird (Chairman) for the purpose of providing direction for the Working Group. A full consensus statement for that purpose was prepared by a committee consisting of H. Chapman, B. Davidson, M. Laird, D. Roberts, and A. Undeen. The statement was accepted for formal publication by "Environmental Conservation" and should be out in a coming issue. A copy of the statement "Safety of Microbial Agents to Non-target Invertebrates" will be sent to all Working Group members following publication.

The Working Group planned an active session for the Gainesville meetings which was chaired by A. Undeen in the absence of Chairman Laird.

Chairman Laird reminds SIP members that the Working Group documents repository is being maintained at the Research Unit on Vector Pathology at St. John's Newfoundland, and all unpublished materials or copies of recent articles concerning safety of microbial agents are welcome. This provides a center from where such documents can be obtained by interested parties. A list of the documents presently available was attached to a letter of 7 June 1979 that was sent to all Working Group members. (This report was abstracted by J. E. Henry from the letter of 7 June 1979 from Chairman Laird to Working Group members.)

M. Laird, Chairman
Steering Committee

Report of the Glossary Editor - An Abridged Glossary of Terms Used in Invertebrate Pathology

Editorial Committee Membership:

There were no changes in Committee membership during the past year.

Work Progress:

1. Definitions - The definitions of several terms are still incomplete or under review. Relevant terms from recent publications, as well as their definitions, are being added to the list. This work is continuing.

2. Translations - The French, German, Italian, and Spanish translations (processed last year by IBM System 6 and now on tape) have been reviewed by the four translators (Drs. C. Vago, A. Krieg, M. E. Martignoni, and H. Rossmoore). Based on the translators' corrections and revisions, the Editor is preparing a new printout for final approval by the "translation task force." Completion of the multilingual translation of terms is now the Committee's primary goal.

Experimentation has shown that the horizontal arrangement of corresponding words in several languages is suitable for processing and is also effective visually.

Mauro E. Martignoni
Glossary Editor

INSECT BIOASSAYS NEEDED

The Chemical Rubber Company (CRB) plans to publish a five volume series on "Naturally Occurring Pesticides." The editor of this series has asked me to accumulate all known published and unpublished material concerning methods for the bioassay of insect pathogens.

Your contribution is needed to make this series a valuable reference source!

If you use any bioassay techniques for laboratory research, field studies, insect tissue cell culture and/or standardization of insect pathogens, please send me the exact protocol and a reprint of any published work concerning said protocol. It is important to include all documentation, if available, in the handbook, i.e., you will be the reference source.

The deadline for contributions is March 1, 1980. Please send all information to the following address. Thank you for your cooperation and contributions.

Charles F. Reichelderfer
Department of Entomology
University of Maryland
College Park, Maryland 20742
U.S.A.

EXECUTIVE COUNCIL WITHDRAWS RECOMMENDATION FOR A DUES INCREASE

Society members who attended the business meeting at Gainesville will recall that the Executive Council had recommended that dues be increased to \$9.00 per year for non-U.S. members and \$10.00 per year for U.S. members (includes \$1.00 per year AIBS membership). The increase was considered necessary because continued inflationary trends may place the SIP accounts in the red within this year. However, several weeks after the Gainesville meetings, Treasurer Maddox was informed by Academic Press that private subscription rates for the Journal of Invertebrate Pathology would be increased by about 35 percent to \$27.00 per volume or \$54.00 per year. Following that action, the Executive Council was polled and, by majority vote, withdrew the recommendation for an increase in dues this year.

J. E. Henry
Secretary

WORKSHOP ON MICROBIAL CONTROL

A workshop was held on August 29 at the Gainesville SIP meeting to discuss the desirability and feasibility of establishing a division within the Society on Microbial Control. The meeting was called to order by Jim Harper who briefly discussed the evolution of interest in such a division over the past five years. Points in favor of establishing the division were also presented. Among these were concern over loss of Societal support by applied pathologists who are presenting research results at meetings of other societies in preference to SIP meetings, lack of any formal, worldwide forum for dealing specifically with microbial control, lack of a well defined group which can provide expertise to other organizations requesting knowledge on microbial control, and need for a reemphasis of one of the original goals of the society--to develop microbes as biotic control agents.

Following discussion a show of hands indicated that most members present were interested in the establishment of such a division. Twenty-nine names were obtained in support of establishment. Bylaws of the SIP state that a division can be formed if 10 members favor formation. A committee consisting of Jim Harper--Chairman, H.D. Burges, J.M. Franz, J.J. Henry, R.P. Jaques, and O.N. Morris was selected by the members present to prepare a set of bylaws for presentation to the governing Council of the Society prior to the 1980 meeting. After approval by the council, an election of officers would take place and the Division would begin functioning.

POSITIONS AVAILABLE

Louisiana State University has a position available for a Graduate Research Assistantship leading to M.S. or Ph.D. in entomology, beginning January 1980. Field and laboratory research into epizootiology of lepidopterous pests in field crops. Send inquiry and curriculum vitae (including grades and GRE) to Dr. James R. Fuxa, Department of Entomology, 402 Life Sciences Building, Louisiana State University, Baton Rouge, Louisiana 70803.

Boyce Thompson Institute at Cornell has two post doctoral positions open immediately to support established program on entomopathogenic fungi. Salary depending upon experience.

1. Fungal spore physiology - investigate mechanisms of Entomophthora resting spore germination.
2. Fungal genetics - study basic genetics of Entomophthora to enhance field utility through fungicide resistance and increased pathogenicity.

Biocontrol Program at BTI has 21 staff members including 9 Ph.D.'s. Send resume, bibliography, and names of 3 references to: Dr. R.S. Soper, Insect Pathology Research Unit, Boyce Thompson Institute, Tower Road, Ithaca, New York 14853, U.S.A. An equal opportunity employer.

NOMINATIONS OF CANDIDATES FOR SIP OFFICES

1980 is an election year for SIP officers. However, as outlined in Article IV-4 of the SIP constitution, which is presented here for everyone's information, the election process begins now.

Article IV-4 SIP constitution "The Nominating Committee shall make one nomination for President and one or more nominations each for Vice President, Secretary, Treasurer, and for two Trustees. On or before the first day of January of the year in which officers are to be elected, the Nominating Committee shall certify these nominations to the Secretary, who shall announce them along with brief biographical sketches to the members of the Society on or before the next succeeding first day of February. Additional nominations for office may be made, but such nominations shall be valid only if presented in a petition form over the signature of at least ten members in good standing, and if received by the Secretary on or about the fifteenth day of March."

The names and addresses of the nominations committee are as follows:

Dr. John Shadduck, Chairman
Department of Pathology, S.M. School
5323 Harry Hines Blvd.
Dallas, Texas 75235

Dr. George Allen
Department Ent. & Nem.
University of Florida
Gainesville, Florida 32611

Dr. George Benz
Entomologisches Inst. Ethz.
Universitaetstrasse 2, Zurich Ch-8006
Switzerland

Dr. Allen Undeen
Site 16, Box 18
R.R. 1, Torbay
Newfoundland, Canada AOA 320

If you wish to suggest possible candidates, please feel free to contact any members of this committee. Also note that the constitution provides a mechanism for adding names to the slate of officers until March 15, 1980.

J. E. Henry
Secretary

MEETING ANNOUNCEMENT

Beltsville Agricultural Research Center Symposium V

The Beltsville Agricultural Research Center sponsors an annual research symposium with a specific theme. The subject of the fifth "BARC Symposium" will be "Biological Control in Crop Production." It is scheduled for May 19 to May 21, 1980. Subject matter will be presented as invited lectures and contributed posters with the lectures published in the BARC symposium series (5th volume). Previous symposia in this series were: (1) Virology in Agriculture, (2) Bio-systematics in Agriculture, (3) Animal Reproduction, and (4) Human Nutrition Research: Questions and Answers.

Registration and a reception will be held Sunday evening followed by five technical sessions held Monday morning through Wednesday noon. The sessions are as follows:

Session 1 - Relevance of ecological theories to practical biological control

Session 2 - Concepts, principles and mechanisms of biological control of pests

Session 3 - Recent advances in mass production of biological control agents

Session 4 - Strategies of biological control

Session 5 - General considerations: Environmental, regulatory, safety, economic and biocontrol in integrated pest management systems.

Voluntary poster presentations will be held Monday from 5:30 to 7:30 p.m. Registration fee \$50.00.

Anyone wishing to receive a registration packet for this symposium should contact:

Publicity Chairman
Symposium V
Room 214, Bioscience Bldg. 011A
BARC-West
Beltsville, Maryland 20705 U.S.A.



Funded Biological Control project.

GLEANINGS FROM GAINESVILLE

First thing that hit me was the heat. Now I knew it was going to be a scorcher the day I left Chapel Hill, but the humidity in Gainesville was murderous. I could feel the sweat rolling down behind my ears. Blessed was the air-conditioning at Hume Hall. ----- Received the warning - yes, we have 'gators in the pond - please do not feed them! (Don't worry, I didn't even get close).

Great mixer party on first night at the University Museum. Felt like a Havana smoked ham after talking to Wayne Brooks and George Allen. Nifty looking 5' alligator lying on the grass in one of the ponds on campus located near the path from our living quarters and the meeting site. Lots of sleeping and nodding heads Monday a.m. following the Sunday night mixer and a few sore heads too.

Saw my friend the alligator at lunch time but I didn't stop to ask him what he wanted for lunch. Every evening had a rain storm which left me feeling like I was in a Finnish Sauna. Got some good jokes from Al Sparks whose supply seems to be inexhaustible.

Barbecue time was real hot, but I mean hot! Man, I cured myself of all parasites and could send a jet of flame 20' with one regurgitation! Vigorous lot of members playing baseball and I understand it was a great game - them 21, those 0.

Had a great day at Marineland and enjoyed the porpoises - topped it off with a good swim in the ocean. Said goodbye to Charlie who surfaced to give me a good look. Real fun on the bus from the University. It conked out at the Holiday Inn, whereupon those great gals in the little blue vans came to our rescue, bless them. Made the airport in time, but the planes didn't, so we had all kinds of waiting time. Said goodbye to everyone again and left for Atlanta where we waited for several hours. At departure time ran into a lot of fellows coming in from Gainesville and had an opportunity to say goodbye again. Finally, home or as they say here, "Chapel Hill, the Southern Part of Heaven," with all due apologies to Wayne Brooks at Raleigh.



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ORGANIZATION OF THE SOCIETY
FOR INVERTEBRATE PATHOLOGY, 1978-1980

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University of Washington, Seattle, Washington
July 27 - August 1, 1980

Conference # MC 414 os

Please complete and return with fee to: Conferences & Institutes Registration
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NOTE: Make checks payable to the University of Washington - U.S. funds ONLY.

Please check status:

- Member \$35.00 Advance Registration due by June 6, 1980
- Student \$15.00
- Spouse \$ 5.00
- Late or on site registration \$40.00

- I/We will be attending the reception at 7:00pm-9:00pm on July 27th.
(No admittance under 21 years of age.)

REFUND POLICY:

If you are unable to attend, a refund less 10% for handling must be requested in writing by July 26, 1980.

Please send me housing information: campus residence halls
 local hotels/motels

Projected arrival time in Seattle, 7/27

SIP NEWSLETTER

Questionnaire

FROM: _____

- Meetings, conferences, etc. (include dates and addresses for further information):

- New research projects:

- Trips by, or visitors to, your group or lab:

- Papers, seminars presents; honors, awards, promotions received:

