

As of September 30, 1970 all correspondence for the Secretary of the Society should be sent to Dr. P. A. van der Laan, Directeur, Laboratorium voor toegepaste Entomologie, Universiteit van Amsterdam, Linnaeusstraat 2 B, Amsterdam, The Netherlands.

As of October 15, 1970 all correspondence for the Treasurer including dues and Journal subscriptions must be sent to Dr. Carlo M. Ignoffo, Manager, Entomology, International Minerals and Chemical Corporation, Growth Sciences Center, Libertyville, Illinois, 60048, U.S.A.

As of November 1, 1970 all manuscripts from papers given at the Third Annual Meeting must be in to Dr. James Vaughn, Insect Pathology Pioneering Laboratory, U.S. Department of Agriculture, Building A, A.R.C., Beltsville, Maryland, 20705, U.S.A., if they are to appear in the Proceedings.

REPORT OF THE THIRD ANNUAL MEETING

Approximately 175 people attended the Third Annual Meeting of the Society and the IVth International Colloquium on Insect Pathology, held jointly at the Center for Adult Education, University of Maryland, College Park, Maryland, U.S.A. on August 25-28, 1970. Meeting facilities were excellent and readily accessible to the attendees since reasonably priced housing and board were available in the same building. It was apparent that everything for the participants' convenience had been carefully planned.

The meeting's superb organization was largely due to the efforts of the Colloquium organizing committee and particularly to Arthur Heimpel who coordinated that committee. Dr. Heimpel, in fact, very graciously hosted a buffet and cocktail party at his home on Tuesday evening.

In addition to the Society and the Colloquium, other co-sponsors added measurably to the success of the meeting through their moral and financial support. These are gratefully acknowledged below:

1. United States Department of Agriculture for underwriting the cost of the translating service;
2. International Minerals and Chemical Corporation for providing the banquet;
3. Nutrilite Products, Inc. for providing plastic briefcases;
4. International Organization for Biological Control for moral support; and,
5. International Union of Biological Sciences for moral support.

EDWARD A. STEINHAUS MEMORIAL LECTURE

"The role of microbial agents in the development of alternative means of insect control," by E. F. Knipling, Director, Entomology Research Division, Agricultural Research Service, U.S. Department of Agriculture, Beltsville, Maryland, 20705, U.S.A.

As a sagacious, effective, scientific administrator Dr. Knipling's speech should be read by every member when it is published in the Proceedings early next year. He predicted unlimited opportunities for invertebrate pathologists to manage pests with pathogens and discussed the most promising methods. Of particular interest was a detailed model based on conservative estimates of how a selected pathogen, integrated with natural parasites and predators, could result in superior control of a pest (Heliothis spp.) on cotton compared to nonselective chemical insecticides.

OFFICERS, TRUSTEES, AND COMMITTEE CHAIRMEN

Terms for Society officers are for two years; the change taking place at the annual meeting on even numbered years. The new officers are:

President	Dr. C. Vago
Vice President	Dr. J. Briggs
Secretary	Dr. P. A. van der Laan
Treasurer	Dr. C. Ignoffo
Trustees (two elected at large every two years)	
Dr. K. Aizawa	term expires 1972
Dr. A. M. Heimpel	term expires 1972
Dr. J. Franz	term expires 1974
Dr. M. Laird	term expires 1974
Newsletter Editor	Dr. L. P. S. van der Geest
Publication Committee	Dr. T. Cheng; term expires 1974
Divisions Committee	Dr. M. Martignoni
Nominating Committee	Dr. H. E. Welch
Representative to A.I.B.S.	Dr. V. Sprague
Liaison Officer to Bee Pathology Society	Dr. M. Rousseau
Membership Committee	Dr. P. A. van der Laan
	Dr. C. Ignoffo
Placement Committee	To be appointed
Program Committee	To be appointed
Supervisor Local Branches	To be appointed
Tellers	To be appointed
Auditors	To be appointed

Information for the next Newsletter should be sent to the Editor, Dr. L. P. S. van der Geest, Laboratorium voor toegepaste Entomologie, Universiteit van Amsterdam, Linnaeusstraat 2 B, Amsterdam, The Netherlands.

BUSINESS OF THE SOCIETY

President Sparks opened the annual business meeting by asking the members to stand in silence for one minute in honor of Dr. Edward A. Steinhaus, Founder and First President of the Society who died October 19, 1969.

A.I.B.S. Membership

At last year's meeting the Society voted to withdraw from the American Institute of Biological Sciences (A.I.B.S.) for the following reasons:

1. The Society would not be having its annual meeting with the A.I.B.S. in either 1970 or 1971, and any other benefits of being affiliated with the A.I.B.S. did not justify the annual dues of approximately \$300.00.
2. To avoid the appearance of an apparent subdivision of the Society on a nationalistic basis.
3. Continued membership in the A.I.B.S. might appear to give an unfair advantage to the North Americans when hosting the annual meeting. The A.I.B.S. handles most of the arrangements for the North American meetings, but when the non North Americans are hosts, they have to make the arrangements themselves.

Subsequently, many people had second thoughts and the matter was reopened for discussion in the council meeting. It was pointed out that:

1. Dues to the A.I.B.S. are based only on the North American membership in the S.I.P.
2. Affiliated societies are not subservient to A.I.B.S. They remain autonomous.
3. There are numerous benefits to meeting jointly with A.I.B.S., and while in some cases these are more directly advantageous to North American members, non North Americans also benefit.
 - a. The professional staff of the A.I.B.S. organizes the annual meeting for us; providing the facilities and taking care of the local arrangements.
 - b. Meeting jointly with all the affiliated societies of the A.I.B.S. gives more exposure to our Society and vice versa.
 - c. Manufacturers, publishers and service companies readily exhibit their latest programs and materials at the larger A.I.B.S. conference.
4. Membership in the A.I.B.S. provides a voice for the Society in biological matters.

The council therefore recommended that: (1) the Society reaffiliate with the A.I.B.S.; and, (2) dues be increased by \$1.00 per year for North Americans only to cover the cost of the dues to the A.I.B.S.

Honorary Membership

Dr. K. W. Smith of Cambridge, England was elected an Honorary Member. The council received a petition with ten signatures recommending Dr. Richard Weissenberg for Honorary Membership. A ballot and curriculum vitae will be sent to the membership for their decision.

Edward A. Steinhaus Memorial Fund

Twenty-three donations totaling \$254.97 were received and will be forwarded to the scholarship fund at the University of California at Irvine.

President Sparks expressed his own and the council's disappointment at this meager response, but recognized that many members may have given directly. The Society is considering establishing a new memorial fund more specifically associated with Dr. Steinhaus's interest in pathobiology.

Catalogue of Viruses; Pamphlet on Invertebrate Pathology as a Profession

Dr. Sparks reported that these two projects of the Society will be more expensive than originally anticipated. However, they are still possible with University or other outside support, and it is hoped the new council will pursue this matter further.

Treasurer's Report - Dr. Welch

[All funds are in Canadian Dollars]

August 1 - December 31, 1969

RECEIPTS

- Balance on hand, July 31, 1969	\$ 706.86
- Membership fees and J.I.P. subscriptions paid by cheque or money order	671.14
- Membership fees and J.I.P. subscriptions paid by bank transfer	29.80
- Bank errors in addition04
	<hr/>
	\$1407.84

EXPENSES

- Purchase of J.I.P. subscriptions from Academic Press	\$ 367.39
- Membership and subscription refunds	81.71
- Stationery supplies	15.93
- Postage	40.12
- Newsletter, Vol. II, No. 3	162.00
- Bank error	3.63
	<hr/>
	\$ 670.78

BALANCE \$737.06

January 1 - July 31, 1970

RECEIPTS

- Balance on hand, Dec. 31, 1969	\$ 737.06
- Membership fees and J.I.P. subscriptions paid by cheque or money order	3941.76
- Membership fees and J.I.P. subscriptions paid by bank transfer	167.57
- Bank errors in addition	10.28
	\$4856.67

EXPENSES

- Purchase of J.I.P. subscriptions from Academic Press	\$2834.81
- Postage	145.21
- Newsletter, Vol. II, Nos. 4, 5, & 6	467.00
- Postcards	20.79
- Telegrams	16.57
- Refunds to members	26.35
- Returned cheque - insufficient funds	25.86
- Error in addition	1.00
	\$3537.59

BALANCE \$1319.08

Newsletter Report - Dr. Harshbarger

Four newsletters were published at a cost of \$1.57 per member. More pertinent news was received from Europe as a result of Dr. van der Laan's efforts as European correspondent.

Drafts were offset printed in Winnipeg, Canada. North American and Asian copies were mailed from Winnipeg; European copies were bulk mailed to Amsterdam and individually distributed from there.

Publication data:

<u>Vol.</u> <u>(No.)</u>	<u>Date</u>	<u>Pages</u>	<u>Copies</u>	<u>Printing</u>	<u>Postage</u>	<u>Total</u>	<u>Cost/ Item</u>	<u>Cost/ Member</u>
II (3)	10/8	12	500	\$114.00	\$25.53	\$137.53	\$0.275	\$0.278
II (4)	1/7	12	500	118.00	64.06	182.06	0.364	0.384
II (5)	4/30	24	600	198.00	39.04	237.04	0.396	0.500
II (6)	6/22	16	600	151.00	39.19	190.19	0.316	0.405

Bylaws of the Society

Revisions were prepared by Dr. Martignoni and are available from Secretary van der Laan.

Membership Report - Dr. Ignoffo

Number of members -- 1968 - 340; 1969 - 414; and, 1970 - 476.

Number of countries -- 1968 - 29; and, 1970 - 34.

	<u>1969</u>	<u>1970</u>	
Kinds of members			
Honorary	1	1	0.2%
Founding	79	80	16.7%
Charter	114	112	23.4%
Regular	187	241	50.6%
Student	33	42	8.8%
Countries of members			
U.S.A.		305	64.1%
France		35	7.3%
Canada		29	6.1%
Japan		26	5.5%
United Kingdom		20	4.2%
India		7	1.5%
Czechoslovakia		5	1.0%
Italy, Netherlands, New Zealand		each 4	0.8%
Australia, Republic of China		each 3	0.6%
Poland, Spain, Sweden, U.S.S.R., Switzerland, Thailand		each 2	0.4%
Austria, Belgium, Brazil, Bulgaria, Egypt, Greece, Hungary, Iran, Israel, Peru, Philippines, Portugal, Sudan, Western Samoa, Yugoslavia		each 1	0.2%
Members with dues outstanding	63	138	

Transfer of Office

President Sparks said it was with pride and satisfaction that he passed the President's gavel to Dr. Vago. He noted that Dr. Vago was the first President to be truly elected and he knew he would serve with distinction.

The new President received a standing ovation.

President Vago, speaking in French, thanked the Society for the high honor of the office and expressed appreciation to the retiring officers. Among the goals of his office would be further internationalization of the Society and increased relations with other scientific groups.

Finally, President Vago said the last week of August was selected for next year's annual meeting in Montpellier, France to allow members to attend other meetings which are being held in Europe at approximately the same time.

Sponsorship of Members

A method is still being sought for the payment of dues by persons desiring membership in the Society from countries which do not have currencies available for such purposes.

Vice President Briggs indicated that procedures for establishing a system for paying dues in currency other than U.S. dollars, will be explored in the months before the 1971 Annual Meeting, and will be presented to the membership at that time.

Microsporida Division

Thirty-two persons joined this new Division with each new member paying \$1.00 in dues. Beginning in January 1971, dues for the Division will be collected with the annual dues of the Society. Nine topics were on the agenda for the first business meeting; the minutes of which are given below:

MINUTES

Business Meeting

Division on Microsporida of the
Society for Invertebrate Pathology

The business meeting of the Division on Microsporida of the Society for Invertebrate Pathology was called to order by Victor Sprague, Wednesday, 26 August 1970. A copy of the agenda for the meeting and a copy of the Bylaws for the Division were distributed to those in attendance.

1. Announcements:

- A. Victor Sprague announced that the Division on Microsporida of the Society for Invertebrate Pathology was officially activated 3 August 1970, when the Bylaws were signed by President Sparks.
- B. The minutes from, "The Organizational Meeting of Persons Interested in the Microsporida," held Wednesday, 20 August 1969, as part of the program of the Society for Invertebrate Pathology at the University of Vermont in Burlington, were read and approved.

2. Election of Officers to Take Office at the Close of the Meeting and to Serve for Two Years [Article IV of the Bylaws]:

It was agreed that initially the two council members be elected for a one and a two year term and thereafter both for two year terms to avoid the election of both councilmen in the same year.

The following slate of officers were nominated:

Chairman	Jiří Vávra
Vice Chairman	Roy McLaughlin
Secretary	Ann Cali
Council Members	John Henry (one yr. term) Edwin Hazard (two yr. term)

Nominees were elected unanimously.

3. Program Next August in France: What shall be the emphasis?

Victor Sprague recommended there be one theme for the meeting.

Suggested themes:

1. taxonomy and terminology;
2. microbial control; and,
3. host response.

It was decided that the incoming officers appoint a program committee to select the theme.

4. Directory of Microsporidologists:

Victor Sprague distributed copies to those present and indicated he will mail copies to other members. He also stated that suggestions on its construction, content, distribution, etc., would be welcome.

5. The Catalogue of Electronmicrographs:

As explained in the 22 June 1970 S.I.P. Newsletter under the heading of "Microsporidan Atlas," this catalogue will be maintained by Ann Cali. All individuals working with ultrastructure of microsporida were again urged to send in material to the file of microsporidan ultrastructural research. Type species were especially requested since we would like this to be an E.M. type collection.

6. Type Slide Collection: How can type slides best be made available to researchers?

J. Weiser's collection of type slides, E. A. Steinhaus's Center for Pathobiology, and Paul Megilich's parasite type collection of the U.S. Department of Agriculture were discussed. A motion was passed, directing the incoming Chairman to appoint a committee to study the type slide collection problem.

7. Other Business:

There was no other business.

8. Installation of Officers:

Since the Chairman and Vice Chairman were not present at the meeting they were not formally installed. They will be notified.

9. The meeting was adjourned.

Respectfully submitted,
Ann Cali, Secretary
Div. on Microsporida of the S.I.P.
Dept. of Veterinary Pathology
The Ohio State University
Columbus, Ohio, 43210, U.S.A.

BYLAWS: DIVISION ON MICROSPORIDA

Article I (Name)

This association shall be known as the DIVISION ON MICROSPORIDA OF THE SOCIETY FOR INVERTEBRATE PATHOLOGY.

Article II (Objects of the Division)

The objects of the DIVISION shall be:

1. To facilitate interaction between all biologists of the world who have special interest in Microsporida.
2. To facilitate worldwide interchange among scientists interested in the microsporidioses of invertebrates, regardless of primary interests.
3. To provide organizational machinery through which problems and matters relevant to the study of microsporidioses may be presented for discussion and action among concerned scientists.

Article III (Membership)

1. Any member of the SOCIETY FOR INVERTEBRATE PATHOLOGY, professing an interest in Microsporida, shall be eligible for membership in the DIVISION.
2. Membership in this DIVISION shall be contingent upon payment of an annual fee of \$1.00 along with the regular SOCIETY dues.

Article IV (Officers and Executive Committee)

1. A Chairman, a Vice Chairman, and a Secretary shall be elected biannually by ballot at a session of the DIVISION held during the Annual Meeting of the SOCIETY. Such officers shall take office at the close of the meeting at which they shall have been elected.
2. The Executive Committee shall consist of the above mentioned elected officers plus two other DIVISION members elected in like manner.
3. The duties of the officers and the Executive Committee, with the aid of such other committees as are appointed by the Chairman, shall be to conduct the affairs of the DIVISION, within the framework of the Constitution and Bylaws of the SOCIETY, according to these Bylaws and to the expressed wishes of the DIVISION members present at the Annual Meeting.
4. The Organizational Committee, selected on August 20, 1969, at Burlington, Vermont, shall serve until the first officers of the DIVISION will be elected at the 1970 Annual Meeting.

Article V (Effective Date of Organization)

The date of the Council's approval of these Bylaws shall be the effective date of the organization of this DIVISION.

Article VI (Termination of the Division)

1. A majority of DIVISION members voting, as determined by a mail ballot may recommend to the Council of the SOCIETY that the DIVISION be terminated.
2. The DIVISION shall automatically become dissolved when it consists of less than ten members in good standing.
3. Upon dissolution of the DIVISION, any assets after payment of debts and encumbrances shall be transferred to the Treasurer of the SOCIETY FOR INVERTEBRATE PATHOLOGY.

Article VII (Amendments to These Bylaws)

1. An amendment may be proposed by the Executive Committee or by a majority of the members present and voting at an Annual Meeting.
2. The proposed amendment shall be promptly printed and sent to all members of the DIVISION, together with a letter ballot. The Secretary shall canvass the ballots returned to him 40 days from the date of mailing of the ballot and the proposed amendment shall be considered adopted if it receives the approval of two-thirds of the members voting.
3. The amendment shall become effective immediately after ratification by the Council of the SOCIETY.

NEW INSTITUTE FOR PATHOBIOLOGY

Lehigh University is happy to announce the establishment of the new INSTITUTE FOR PATHOBIOLOGY in the Center for Marine and Environmental Studies. The new research Institute, under the Directorship of Dr. Thomas C. Cheng, Professor of Biology, will be concerned primarily with research and training at the graduate and post-doctoral levels.

Research and advanced training at the Institute will be directed primarily at problems in the areas of Virology and Microbiology (under Dr. Richard M. Malsberger); Parasitology, Immunology, and Biological Control (under Dr. Thomas C. Cheng); Biochemistry (under Dr. Joseph R. Merkel); Environmental Pathobiology, including Pollution Studies (under Dr. Sidney S. Herman); Plant Cytology and Pathobiology (under Dr. Hayden N. Pritchard); and Pathophysiology (under Dr. Eugene M. Landis).

Communications with the Institute should be directed to: Dr. Thomas C. Cheng, Director, Institute for Pathobiology, Lehigh University, Bethlehem, Pennsylvania, 18015, U.S.A.

NEW ADDRESS

Dr. Michael C. Mix
Department of General Science
Oregon State University
Corvallis, Oregon, 97331, U.S.A.

NEW SUBSCRIPTIONS TO JOURNAL OF INVERTEBRATE PATHOLOGY

Allow five weeks for processing.

POSITIONS WANTED

1. Dr. Martin Shapiro
55 Shaddle Avenue
Mundelein, Illinois, 60060, U.S.A.

Telephone No.: (312) 566-7275

Desires academic, Government or industrial position.

Qualified for general insect pathology, tissue culture, and characterization of insect viruses.

Ph.D. degree from the University of California, Berkeley, 1966. Dissertation: "Pathologic changes in the blood of the greater wax moth, Galleria mellonella (Linnaeus) during the course of starvation and nucleopolyhedrosis."

Curriculum vitae available.

2. Dr. Lowell V. Larson
328 North Breenview
Mundelein, Illinois, 60060, U.S.A.

Telephone No.: (312) 566-1908

Desires academic, Government or industrial position.

Qualified for general insect pathology, entomology, biological control, and field testing of microbial insecticides.

Ph.D. degree from Iowa State University, 1970. Dissertation: "Environmental factors and the natural occurrence of microsporidan-infected mosquito larvae."

Curriculum vitae available.

Society for Invertebrate Pathology, an international organization
26 August 1970 College Park, Maryland, U.S.A.

Report of the Audit Committee:

The Audit Committee has examined the accounts of secretary-treasurer Dr. H. E. Welch for the period August 1, 1969 to July 31, 1970 and finds them to be in order as presented. Acceptance of this Audit by the Society is recommended.

It is the understanding of the Audit Committee that Dr. Welch will make a financial report for the period August 1, 1970 to October 15, 1970 on which date his responsibility as treasurer will be transferred to the treasurer-elect, Dr. C. M. Ignoffo.

Signed J. Briggs
 M. Laird
 P. A. Van der Laan

PROFESSOR J. RICHARD WEISSENBERG

Professor J. Richard Weissenberg, a member of the Society for Invertebrate Pathology and of the Division of Microsporida of SIP, was born in Breslau, Germany, on March 18, 1882. He received the M.D. degree in Berlin in 1907 but practiced medicine only during World War I while in the armed forces. The remainder of his long career has been spent in teaching and research. He was employed at Berlin University until fired by the Nazis because he is Jewish. Then he escaped to the United States with his wife about 1937. Here he was associated with Washington University (St. Louis), Wistar Institute of Anatomy, Middlesex University Medical School, and Woman's Medical College of Pennsylvania. In 1957 he retired from the later position, having been granted by the West German Government the pension of a Professor extraordinarius emeritus. In retirement he has remained active as a research worker and participant in meetings of scientific societies. His most recent major paper, dealing with Glugea anomala and the cell hypertrophy tumor, appeared in 1968 (J. Protozool. 15, 44-57), although he published an abstract as late as Sept., 1970, in the Proceedings of the Second International Congress of Parasitology (J. Parasitol. (4/2), 363, Abstract No. 668). At present he has nearly finished a major paper on "Host-parasite relations of Microsporida at the cellular level" to be included in a Monograph on the Microsporida. This will be a paper on comparative pathology, dealing with both invertebrates and vertebrates.

Although the first of Dr. Weissenberg's numerous papers (1905) dealt with normal embryological development of an insect, most of his works have been concerned with pathology. He has been especially concerned with cell hypertrophy tumors associated with intracellular parasitisms, particularly those caused by Lymphocystis virus in fish and by Microsporida in vertebrates and insects. Although he has worked more with pathology of fish than of invertebrates, he is truly a comparative pathologist and most of his work, especially his numerous papers on Glugea anomala (the type species) are highly relevant to an understanding of the biology and taxonomy of ubiquitous and destructive microsporidan pathogens in invertebrates. He, more than any man in the world, understands the essential characteristics of genus Glugea and if invertebrate pathologists are to be prevented from perpetuating chaos in microsporidan taxonomy by treating Glugea as a junior synonym of either Perezia (as Weiser proposed in 1961) or Nosema (as Lom and Weiser proposed in 1969) it will be due to the persistent efforts of Dr. Weissenberg. Both at the Meeting of the Division on Microsporida of SIP during the August, 1970, Meeting of the International Colloquium on Insect Pathology and at the September, 1970, Meeting of the Second International Congress of Parasitology, he made a masterful argument in favor of conserving genus Glugea.

A petition has been properly prepared and signed by people who believe that Dr. Weissenberg richly deserves the high honor of being made an honorary member of SIP.

B A L L O T

SOCIETY FOR INVERTEBRATE PATHOLOGY

OCTOBER, 1970

1. Increase Dues to N. American Members for A.I.B.S. Membership

See Newsletter, bottom of page 3.

Members are reminded that according to Article VII of the By Laws that "The Council shall recommend to the Society for approval by letter ballot the amounts of assessment and dues of members".

QUESTION:

Are you in favour of the dues being increased by \$ 1.00 U.S. per year for North American Members only to cover the cost of Society membership in American Institute of Biological Sciences, as of January 1, 1970.

YES

NO

2. Honorary Membership

Dr. J. Richard Weissenberg has been nominated for Honorary Membership. A candidate for Honorary Membership shall be declared elected if affirmed by four-fifths of the votes cast.

QUESTION:

Are you in favour of Honorary Membership for Dr. J. Richard Weissenberg.

YES

NO

Ballot in sealed envelope, without identifying remarks should be send in the addressed envelope to Dr. van der Laan, on or before December 15, 1970.

October 19, 1970.