

# S.I.P. NEWSLETTER

Society for Invertebrate Pathology Editor: H.E. Welch

Vol. I, No. 5

Dec. 10, 1968

## OVER ONE HUNDRED ATTEND FIRST ANNUAL MEETING

### Scientific Meetings

Two opening addresses on Tuesday afternoon, September 3, set the spirit of the meetings. John Briggs, reading Dr. Weiser's paper entitled "The Decade from Prague To Columbus", traced the development of the idea of the Society. Dr. Steinhaus projected this theme and challenged the Society to "Be Favourable to Bold Beginnings".

Dr. Hans Kaiser, the Guest Speaker, started the scientific sessions with a critical examination of the integuments of animals and plants as models for comparative pathology. His remarks evoked an interesting exchange of discussion.

Twenty submitted papers filled the Wednesday sessions. Humoral and tissue immunity were the subjects of six papers. Gertrude Wittig outlined the role of hematology in insect pathology. Phyllis Johnstone, Fred Hink and Tom Cheng considered respectively, the response of sea urchin coelomocytes, of wax moth hemocytes, and of mollusc hemolymph, to bacterial challenge. Eric Rifkin and Tom Cheng presented E.M. studies of tissue response to metacestodes, while Ed Cooper reported experiments in transplantation immunity.

Five papers dealt with cell culture and biological control. Jack Cecil and associates described cell anomalies due to treatment with saponin fractions from echinoderms, and the culture of heart tissue from clams. Howard Dulmage and Oswald Morris described respectively, problems in assessing serotypes of B.T. and difficulties in the use of B.T. against forest insects in Canada. D.W. Cheng and C.B. Chen reported the use of green muscardine fungus against sugarcane insects.

Seven papers considered the biology and occurrence of organisms. Don Roberts and Bob Grandos reported a pox-like virus on lepidopterous larvae; P. Luthy and R.S. Soper recorded bacterial septicemia in cicadas in Canada; R. Colwell and T. Lovelace reported 7 genera of bacteria associated with Crassostrea; and Bill Hominick and H.E. Welch described the life histories of three new mermithids in chironomids. Betty Mortimore and colleagues noted that bacterial infection does not contribute to mortality of irradiated Tribolium. Frank Perkins outlined E.M. studies of sporulation of a haplosporidian parasite of oysters, while W. Dimmitt and Gordon Stairs examined the pleomorphic nature of a nuclear polyhedrosis of the wax moth.

On Thursday, the Pathology Round Table was convened by Aaron Rosenfield. Seven speakers discussed disease resistance in crustaceans

and molluscs. Dr. F. Bang reviewed disease resistance and defense mechanisms in the invertebrates, while President-elect A. Sparks reviewed wound repair in the invertebrates.

### Council Meeting

Council meetings were held before and after the Annual Business meeting. All officers were present except Dr. C. Vago, who was represented by Dr. P.A. Van der Laan.

The first Council meeting lasted 10 hours, ostensibly because of the work load, but probably because of the loquaciousness of the Councillors. Routine items included the Secretary-Treasurer's report, Financial Statement, and the Membership Committee report (340 members). The approval of the Articles of Incorporation, State of Maryland, was of particular significance as these establish the legality of the Society.

Deliberations chiefly centred on increased efficiency of operation, internationalization, and regionalization. Several bylaw changes will be submitted to the members and, if approved, will improve operations. The major one is the division of the office of Secretary-Treasurer into two offices. This will require the nomination of a treasurer. Another is the change of "Editor-in-Chief" into Chairman of the editorial board, which will give more flexibility and less confusion. A rule was also passed that the site of the annual meeting will be chosen two years in advance. Next year's meeting will be with the A.I.B.S. at Burlington, Vermont, U.S.A.; the 1970 meeting will be at Washington when the Society will co-sponsor the Colloquium of Insect Pathology; and the 1971 meeting will be outside N. America.

Other bylaw changes were made in order to internationalize the Society. Councillors may now designate proxy votes. Regular members may become Charter members if dues are paid "on or before Jan. 1, 1969 for North American members, and Jan. 1, 1970 for members outside of North America." Translations of the Bylaws will be accepted on the approval of the Council, but official bylaws are in English as are the Articles of Incorporation. If the Society affiliates with any organizations they shall be of international scope. The President will examine affiliation with I.U.B.S. and the International Councils of Societies of Pathology. The request of the International Commission of Bee Pathologists to join the Society was accepted. Considerable discussion centred on ways for members living in countries with blocked currencies to pay fees. The President will examine a number of suggested schemes.

Regionalization, or creation of divisions based on geographical areas was discussed and passed to the general meeting for consideration.

Several new responsibilities were accepted by the Council; a Membership List will be published every even year; a Placement Committee will be formed; and, a Catalogue of cultures will be established. The President will appoint committees for these activities.

### General Business Meeting

The first annual business meeting was attended by 78 members (1 from Japan, 1 from the Netherlands, 15 from Canada, and 61 from the

United States. Dr. A. Heimpel reviewed the Council's activities and presented a financial report. The completion of the Articles of Incorporation was the most significant event. The problem of assisting members in countries with blocked currency was discussed again and a number of useful suggestions were made.

The regionalizational problem was put to the members. Considerable discussion followed. Opinion solidified around a motion of Dr. Dulmage that the Society establish branches on a regional basis. Dr. Harschbarger called for liaison between the Society and the Society of Experimental Pathology to explore the possibility of a joint meeting. This was approved.

Dr. Steinhaus, the retiring President, gave well earned thanks to the Secretary-Treasurer, Dr. A. Heimpel. Special thanks went to Dr. John Briggs for the local arrangements.

Dr. Steinhaus presented the President's gavel of office to the new President, Dr. A. Sparks.

The new President presided over a final Council meeting which was concerned chiefly with arrangements for the next year.

#### Annual Dinner

The SIP annual dinner was held in the Ohio Stater Hotel. An excellent meal was provided at a reduced cost through the generosity of the International Minerals and Chemical Corporation. Probably because of this everyone, including a large number of graduate students attended the dinner bringing the attendance to more than 100. Special guests were invited in tribute to the President and his good wife. These included, Dr. Edward Knipping, Director of the Entomology Research Division, U.S.D.A., and several emeritus professors in microbiology and entomology who had directed Ed Steinhaus' activities as a graduate student into insect pathology at Ohio State University. Entertainment was provided by Karl Maramorosch.

#### AN INTERNATIONAL SOCIETY

A survey of the membership reveals that the Society is becoming increasingly international in its scope. Nations and their members are as follows: U.S.A. - 209; France - 30; Japan and Canada - 23 each; United Kingdom - 12; Australia, the Netherlands and Italy - 4 each; Republic of China and Czechoslovakia - 3 each; U.S.S.R., Sweden, West Germany, Thailand, Poland, New Zealand - 2 each; Switzerland, Spain, Sudan, Phillipines, Bulgaria, Western Samoa, Egypt, India, Portugal, Israel, Yugoslavia, Iran and Hungary - 1 each.

#### NEW BOOK ON INSECT VIRUSES

Five Society members, Karl Maramorosch, Gordon Stairs, R.W. Chamberlain, Jim Vaughn, and C. Ignoffo, have contributed articles to Vol. 42 - INSECT VIRUSES - in Current Topics in Microbiology and Immunology, Springer-Verlag. 1968. 192 pages. DM 36,-; US \$9.00.

PLACEMENT SERVICE

Ronald H. Goodwin seeks a position in Insect pathology research and/or teaching in U.S.A., or Canada. B.Sc. '56, M.Sc. '60, Ph.D. '66 Berkeley. Address: CSIRO, Div. of Entomology, P.O. Box 109, Canberra City, A.C.T. 2601, Australia.

CHANGE OF ADDRESS

D.H. Johnson,  
204, Elkton Blvd.,  
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Gertrude C. Wittig,  
Biological Sciences Faculty,  
Southern Illinois University,  
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U.S.A.

William T. Wilson,  
Bee Diseases Investigations,  
U.S.D.A. - A.R.S.,  
University of Wyoming,  
Laramie, Wyoming 82070,  
U.S.A.

W.A.L. David,  
G.C.R.I. Insect Virus Group (Cambridge),  
University Farm Road,  
Huntingdon Road,  
Cambridge, CB3 0DJ  
England.

EXCHANGE OF REPRINTS

Bernardo P. Gabriel, Department of Entomology, U.P.C.A. College, Laguna, E-109, Phillippines, wishes to develop a library of insect pathology and microbiology for staff and students at this University.

SOCIETY OFFICERS AND THEIR ADDRESSES

President

Dr. Albert K. Sparks,  
College of Fisheries,  
University of Washington,  
Seattle, Washington, 98105,  
U.S.A.

Vice-President

Dr. Constant Vago,  
Faculte des Sciences,  
Universite de Montpellier,  
34 - Montpellier, France.

Past-President

Dr. Edward A. Steinhaus,  
Center for Pathobiology,  
School of Biological Sciences,  
Irvine, California, 92664,  
U.S.A.

Councillor and A.I.B.S. representative

Dr. Victor Sprague,  
Chesapeake Biological Lab.,  
Box 38, Solomons, Md.,  
U.S.A.

Secretary

Dr. H.E. Welch,  
Department of Zoology,  
University of Manitoba,  
Winnipeg, 19, Manitoba,  
Canada.

Councillor

Dr. Arthur M. Heimpel,  
Insect Pathology Laboratory,  
Entomology Bldg. A, ARC,  
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Councillor

Dr. Mauro E. Martignoni,  
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3200 Jefferson Way,  
Corvallis, Oregon, 97331,  
U.S.A.

Councillor

Dr. Keio Aizawa,  
Institute of Biological Centre,  
Faculty of Agriculture,  
Kyushu University,  
Fukuoka, Japan.

NINETEEN NEW MEMBERS

Founding Members

- Mr. William A. Dimmitt, M.Sci.,  
2214 Jervis Road, Columbus, Ohio, 43221, U.S.A.
- Dr. Alvin H. Rothman, Biology Department,  
California State College, Fullerton, Cal., 92631, U.S.A.
- Professor Adolfo Ruperez, General Ramirez de Madrid 18,  
Madrid (2), Spain.
- Henry C. Pitot, M.D., Ph.D., Professor Oncology and Pathology,  
McArdle Laboratory, Univ. of Wisconsin, Madison, Wisconsin,  
53706, U.S.A.

Charter Members

- Ronald T. Acton, A.B., Department of Microbiology,  
Univ. of Alabama Medical Center, 1919-7th Avenue, S.,  
Birmingham, Alabama, 35233, U.S.A.
- Howard J. Arnott, A.B., M.S., Ph.D., Cell Research Institute,  
Univ. of Texas, Austin, Texas, 78712, U.S.A.
- Frederick B. Bang, M.D., Department of Pathobiology,  
John Hopkins Univ., School of Hygiene and Public Health,  
Baltimore, Maryland, 21205, U.S.A.
- Virginia L. Jentoft, B.S., Dept. of Pathology,  
Univ. of Oregon Medical School, Portland, Oregon, 97201, U.S.A.
- Otto Jirovec, Dr., Inst. of Parasitology, Czech. Academy of Sciences,  
Vinicna 7, Prague 2, Czechoslovakia.
- William M. Layton M.D., Jr., Dept., of Pathology,  
Dartmouth Medical School, Hanover, N.H., 03755, U.S.A.
- Adda J. Liggitt, B.S., 830, Wiltshire, San Antonio, Texas, 78209,  
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- Jiri Lom, Dr., Inst. of Parasitology, Czech Acad. of Sciences,  
Vinicna 7, Prague 2, Czechoslovakia.
- C.C. Narasimhamurti, Dr., Department of Zoology, Andhura University,  
Waltair, India.
- Jiri Vavra, Ph.D., College of Veterinary Medicine, Univ. of Illinois,  
Urbana, Illinois, 61801, U.S.A.
- Peter F. Weinheimer, B.S., Dept. of Microbiology,  
Univ. of Alabama Medical Center, South Birmingham,  
Alabama, 35223, U.S.A.

Student Members

- Mrs. R. du P. Watkins, 1087 W. California Ave.,  
Mill Valley, California, 94941, U.S.A.
- Prantika, Pson Som, D.V.M. Dept. of Pathobiology,  
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Baltimore, Maryland, 21205, U.S.A.
- Carol L. Reinisch, B.A., Dept. of Pathobiology,  
John Hopkins School of Hygiene and Public Health,  
Baltimore, Maryland, 21205, U.S.A.
- Richard J. Milner, B.Sc., Dept. of Agric. Zoology,  
Faculty of Agriculture, Univ. of Newcastle-upon-Tyne,  
Newcastle-upon-Tyne, 1, England, NE 17 RU.
- Hok-Kan Lim, M.S., G.W. Hooper Foundation,  
University of California, San Francisco, U.S.A.

DELAY IN COMMUNICATIONS

The Secretary-Treasurer regrets the delay in sending out notices of dues and of publishing the Newsletter. Individual correspondence with members has also been delayed. The transfer of the Society's funds and records from Washington to Winnipeg, Canada, has been the chief cause.

NOTICE RE JOURNAL AND MEMBERSHIP

Renewal applications for memberships and Journal subscription applications will be sent out in mid January.

Two volumes, 13 and 14, will be published in 1969. The cost per Vol. will be U.S. \$10.00 for members living in the United States and Canada and an additional \$1.20, or \$11.20, for members living outside the U.S.A. and Canada. This extra amount covers postage and handling.

REVISED BYLAWS AND BALLOTS

The new changes in the bylaws will be submitted to the members in mid January. A ballot on which members may indicate their opinion will be included with a return envelope.

Both renewal notices and Bylaws should reach the members before the end of January.

N.B. Many members have not ordered Volume 12 of the Journal. This was published in 1968 and is available at U.S. \$10.00 per member in U.S.A. and Canada and at U.S. \$11.20 for members outside of U.S.A. and Canada.