

sip

newsletter

SOCIETY FOR INVERTEBRATE PATHOLOGY

EDITOR: L. P. S. VAN DER GEEST

VOL. IV, NO. 2

APRIL 1, 1972

Call for Papers

FIFTH ANNUAL MEETING OF THE SOCIETY FOR INVERTEBRATE PATHOLOGY

MINNEAPOLIS, MINN., U.S.A., 27 AUG. - 1 SEPT.

Paper titles and abstracts are due now. Please use the forms which accompanied the Januari Newsletter. Papers are invited for all aspects of invertebrate pathology, and for the following special sessions: "Fungal Epizootiology," "Interactions of Insect Microbial Pathogens with Environmental Factors," "Immunity in Invertebrates," and "Microsporidia Symposium."

The Microsporidia Symposium will be entitled "Maintenance of microsporidia in the laboratory: methods and perspectives." The following topics will be embraced: methods of maintenance, colonization in laboratory animals, maintenance in organ and tissue culture, laboratory infection experiments, isolation, cleaning and storage of spores, and their effect on longevity, resistance, and physiology, cryopreservation, laboratory studies of life cycles, and methods of measuring, counting, etc. of spores.

Persons submitting paper titles and abstracts for the Microsporidia Symposium to the Program Chairman will expedite scheduling if they will send a duplicate copy to Dr. Ann Cali, Department of Biology, Lehigh University, Bethlehem, Pennsylvania 18015, U.S.A.

WORKING GROUP ON THE SAFETY OF MICROBIAL CONTROL AGENTS.

The second session of the Working Group on the Safety of Microbial Control Agents will be held during the 5th Annual Meeting of the SIP in St. Paul, Minnesota. This working group convened for the first time on 17 June 1971 at the 4th Annual Meeting of the Society in Montpellier, France. Anyone interested in this Working Group should contact Dr. Marshall Laird, Department of Biology, Memorial University of Newfoundland, St. John's, Newfoundland, Canada.

"DISCOUNT 50" FARES FOR NON-WESTERN HEMISPHERE RESIDENTS.

Most major U.S. airlines offer reductions of 50% for air travel in the U.S.A. and Canada for people residing outside the Western Hemisphere. These reduced fares may make it possible for some of our non-American members to attend the meeting and to visit a number of laboratories. More detailed information can be obtained through your travel agency.

WORKSHOP ON FUNGAL EPIZOOTIOLOGY.

A session entitled "Workshop on Fungal Epizootiology" will be held in conjunction with the annual meeting of the Society in Minneapolis, Minnesota. Additional information may be obtained through Dr Donald W. Roberts, Boyce Thompson Institute, 1086 North Broadway, Yonkers, N.Y. 10701, USA.

INTERNATIONAL ORGANIZATION FOR BIOLOGICAL CONTROL.
WEST PALAEARTIC REGIONAL SECTION.

The 2nd. meeting of the Working Group for the Microbial Control of *Lymantria dispar* was held in Beograd, Yugoslavia, on September 9-12, 1971. Resolutions of this meeting contained o.a. the following points:

- Research should be done on the conservation of the virulence of stored polyhedra.
- Formulation of virus preparations for application on cork oak should be studied.
- Standardized bio-assay tests in laboratories should be continued.

Field experiments against *L. dispar* on cork oak will soon be carried out on Sardinia.

All papers presented at the meeting will be published in the Journal "Plant Protection Beograd". The next meeting of the working group is scheduled for September-October 1973 in Tempio Pausania on Sardinia.

SIXTH ANNUAL MEETING OF THE SIP.

The 6th Meeting of the Society will be in September 1973 in Oxford, England. Additional information concerning this meeting will be given in the next issues of the Newsletter.

PROCEEDINGS OF MEETINGS.

Proceedings Colloquium Wageningen.

A limited number of copies of the Proceedings of the International Colloquium of Insect Pathology and Microbial Control (Wageningen, September 1966) is available for members of the S.I.P. for the reduced price of Dfl. 27, -. These copies can be ordered through Dr. P.A. van der Laan, Laboratory of Applied Entomology, Linnaeusstraat 2B, Amsterdam, the Netherlands.

Proceedings IOBB-Seminar Helsinki.

In June 1971, a seminar on Microbiological Control of Insects was held in Helsinki, Finland (See Newsletter III, 2 and III, 4). The Proceedings of this seminar, which was organized by the International Organization for Biotechnology and Bioengineering, are available for the price of FMK 30, -, can be ordered through Dr. Gunnel Carlberg, Department of Microbiology, University of Helsinki, SF - 00710 Helsinki 71, Finland and can be paid on Postgiro no. 1685 98-7 Finland.

Proceedings Colloquium Bordeaux - Arcachon.

Proceedings of the Colloquium on Immunity Reactions in Invertebrates, held in Bordeaux and Arcachon, France, on 10 and 11 April 1970, have been published. For additional information, please write to: Institut de Biologie Animale, Avenue des Facultés, 33-Talence, France.

NEW MEMBER.

Kathleen Hsu Jeong, c/o G. W. Hooper Foundation, University of California, Medical Center, San Francisco, Calif. 94122, USA

BIOLOGICAL RESEARCH AT LEHIGH UNIVERSITY
DIRECTED AT ERADICATION OF SNAIL FEVER.

A group of scientists at Lehigh University (Bethlehem, Pennsylvania) carry out research which may lead to the eradication of the snail *Biomphalaria glabrata*, the vector of bilharziasis (snail fever). The work, which is done under the direction of Thomas C. Cheng, is sponsored by the International Copper Research Association. Main emphasis is laid on the study of the effectiveness of various copper compounds without endangering other organisms. Dr. Cheng's team also works on cross breeding of susceptible strains of the snails with non-susceptible strains in order to produce "a sort of molluscan mule, which will neither reproduce nor serve as a host to the parasite".



DISEASE FIGHTERS-- Team of Lehigh University biologists, led by Dr. Thomas C. Cheng (center), prepares to examine infected snail as part of research aimed at ridding the world of its most wide-spread disease, "snail fever". Members of the team are Kevin R. Harris (left), graduate student from Hatboro, Pa., and Jeffrey W. Bier, graduate student from Atlanta, Ga.

CHANGES OF ADDRESS

Dr. George E. Allen, Department of Entomology & Nematology, University of Florida,
Gainesville, Florida 32601, USA

Ann Cali, Department of Biology, Lehigh University, Bethlehem, Pennsylvania 18015, USA

Dr. Clayton W. McCoy, Citrus Station, P.O. Box 1088, Lake Alfred, Florida 33850, USA

MEMBERSHIP LIST OF THE SOCIETY FOR INVERTEBRATE PATHOLOGY

X Honorary Members X

Enrico Masera
Via Luca Belludi 19
35100 Padova
Italy

Dr. Kenneth M. Smith
The Cell Research Institute
University of Texas
Austin, Texas 78712, USA

Dr. Richard Weissenberg
Alden Park, the Manor, Apt 804c
Wissahickon and Chelton Avenues
Philadelphia, Penn. 19144, USA

X Founding Members X

Dr. Jean R. Adams
U.S. Dept. of Agriculture
Insect Pathology Laboratory
Entomology Bldg. A, A.R.C.
Beltsville, Md., 20705, USA

Dr. George E. Allen
Dept. of Biological Sciences
Florida Technological Univ.
Orlando, Fla., 32801, USA

Dr. S. V. Amonkar
Bhabha Atomic Research Centre
Modular Laboratories
Trombay, Bombay 85, India

Dr. J. F. Anderson
Dept. of Entomology
The Conn. Agric. Expt. Sta.
123 Huntington St.
Box 1106 New Haven, Conn 06504 USA

Dr. Thomas A. Angus
Insect Path. Res. Institute
Box 490, Sault Ste. Marie
Ontario, Canada

Dr. Hisao Aruga
Faculty of Agriculture
Tokyo University of Agric. & Techn.
Fuchu
Tokyo, Japan

Dr. Raimon L. Beard
The Conn. Agricultural Exp. Sta.
P. o. Box 1106
New Haven, Conn. 06504
USA

Dr. John D. Briggs
Dept. of Zoology and Entomology
The Ohio State Univ.
1735 Neil Ave.
Columbus, Ohio 43210, USA

Dr. Gordon E. Bucher
Res. Institute, Canada Agr.
Box 367, Belleville
Ontario, Canada.

Dr. Howard Bullock
USDA, ARS, Cotton Research Br.
4115 Gourrier Street
Baton Rouge, Louisiana 70808, USA

Dr. J. Mac Bain Cameron
Insect Path. Res. Institute
P.O. Box 490
Sault Ste. Marie, Ontario, Canada

Dr. George E. Cantwell
Insect Pathology Laboratory
Ent. Bldg. A, ARC
Beltsville, Md., 20705, USA

Dr. June Chadwick
Dept. of Microbiology and Immunology
Queens University
Kingston, Ontario, Canada

Dr. Edwin L. Cooper
Dept. of Anatomy, School of Medicine,
University of California
Los Angeles, Calif. 90024, USA

Dr. Melvin W. Denner
Dept. of Life Science, Issue
112 N. 12 Ave.
Evansville, Ind., 47712, USA

Maj. W. A. Dimmitt
Med. Eq. R & D Lab.
Fort Totten, N.Y. 11359, USA

Dr. Howard T. Dulmage
USDA, ARS, P. O. Box 1033
Brownsville, Texas 78520, USA

Dr. Samson R. Dutky
Insect Pathology Laboratory
Entomology Res. Division
ARS, U.S. Dept. of Agriculture
Beltsville, Md. 20705, USA

Dr. Robert M. Faust
Insect Pathology Laboratory
Ent. Bldg. A, ARC
Beltsville, Md. 20705, USA

Dr. Jack K. Fujii
Dept. of Entomology
University of Hawaii
Honolulu, Hawaii 96822, USA

Dr. Pierre Grison
Laboratoire Lutte Biologique
78 La Miniere
Versailles, France

Dr. Irvin M. Hall
Dept. of Biological Control
University of California
Riverside, Calif. 92502, USA

Dr. John C. Hershberger
Registry of Tumors in Lower Animals
Museum of Natural History
Smithsonian Institution
Washington D.C. 20560, USA

Dr. Edwin I. Hazard
USDA, ARS, 1600 S.W. 23rd Drive
P.O. Box 1268
Gainesville, Florida, USA

Dr. A.M. Heimpel
Insect Pathology Laboratory
Entomology Bldg. A, ARC
Beltsville, Md. 20705, USA

Dr. H.T. Huang
Growth Sciences Centre
Int. Minerals & Chem. Co.
P.O. Box 192, Libertyville, Ill. 60048, USA

Dr. J.H. Hubachman
Dept. of Biology
Wright State University
Dayton, Ohio 45431, USA

T. Hukuhara
Laboratory of Sericulture
Faculty of Agriculture
University of Tokyo, Tokyo, Japan

Dr. Bernard Hurpin
Station de Recherches
de Lutte Biologique et Bioceonotique
La Miniere -78- Versailles, France

Dr. Carlo M. Ignoffo
Biological Control of Insects Laboratory
USDA - ARS - ERD
Columbia, Missouri 65201, USA

Intnl. Minerals & Chemical Corp.
Growth Sciences Center
P.O. Box 192
Libertyville, Illinois 60048, USA

Dr. Fernando Jimenez-Millan
Instituto Espanol de Entomologia
Consejo Sup. Investigaciones
Cientif. C/J. Gutierrez Abascal 2
Madrid 6, Spain

Dr. Hans E. Keiser
Dept. of Anatomy, School of Medicine
The George Washington University
1335 H. Street
N.W. Washington D.C. 20005, USA

Dr. Dwayne Kruse
Dept. of Biological Sciences
Northwestern State College
Natchitoches Louisiana 71457, USA

Dr. Ronald R. Lowe
U.S. Dept. of Agriculture
ARS, ERD, P.O. Box 1268
1600 S.W. 23rd Drive
Gainesville, Florida 32601, USA

Dr. Peter R. Luthy
Mikrobiologisches Institut der ETH
Universitätsstrasse 2
8006 Zürich, Switzerland

Dr. John G. Mackin
Dept. of Biology
Texas A&M University
College Station, Texas 77843, USA

Dr. Guido Majno
Dept. of Pathology
Harvard Medical School
25 Shattuck Street
Boston, Mass. 02115, USA

Dr. Bohdan Maksymiuk
Forestry Sciences Lab.
3200 Jefferson Way
Corvallis, Oregon 97331, USA

Dr. M.E. Mertignoni
Forestry Sciences Laboratory
P.O. Box 887
Corvallis, Oregon 97330, USA

Dr. A.S. Michael
Apiculture Res. Branch
USDA, Rm. 137, North Building
Plant Industry Station
Beltsville, Md. 20705, USA

Michael C. Mix
Dept. of General Science
Oregon State University
Corvallis, Oregon 97331, USA

Dr. Oswald N. Morris
Dept. of Fisheries & Forestry
Forestry Research Lab.
506 West Burnside Road,
Victoria B.C., Canada

Sara V. Otto
U.S. Bureau of Commercial Fisheries-
Biological Laboratory
Oxford, Md. 21654, USA

Dr. John D. Paschke
Dept. of Entomology
Purdue University
Lafayette, Indiana 47907, USA

Dr. Henry C. Pitot
Professor Oncology and Pathology
McArdle Lab. Univ. of Wisconsin
Madison, Wisconsin, 53706, USA

Dr. George O. Poinar Jr.
Dept. of Entomology
University of Calif.
Berkeley, Calif. 94720, USA

Dr. Harvey Rabin
National Center for Primate Biology
University of California - Davis
Davis, California 95616, USA

Sammy M. Rey
Marine Laboratory
Texas A & M Univ.
Bldg. 311, Ft. Crockett
Galveston, Texas 77550, USA

Dr. Eldon L. Reeves
Dept. of Biological Control
Univ. of Calif.
Riverside, Calif. 92502, USA

Carl S. Rehnberg
Nutrilite Products, Inc.
5600 Beach Boulevard
Buena Park, Calif. 90620, USA

Charles F. Reichelderfer
Dept. of Entomology
Univ. of Maryland
College Park, Maryland 20742, USA

Dr. Donald W. Roberts
Boyce Thompson Institute
1086 North Broadway
Yonkers, New York 10701, USA

Dr. Harold W. Rossmore
Dept. of Biology
College of Liberal Arts
Wayne State University
Detroit, Michigan 48202, USA

Dr. Alvin H. Rothman
Biology Department
California State College
Fullerton, Calif., 92631, USA

Professor Adolfo Ruperez
Escuela de Ingeniera Forestal
Catedra de Zoo Patologia
Cuidad University
Madrid 3, Spain

Dr. Hachiro Shimanuki
Bee Disease Laboratory
Agricultural Research Center
Beltsville, Md., 20702, USA

Dr. Wladimir A. Smirnov
Forest Research Laboratory
Dept. of Forestry, Box 35, Sillery
Quebec, Canada

Dr. Franklin Sogandares-Bernal
Lab. of Parasitology, Tulane University
New Orleans, Louisiana 70118, USA

Dr. Albert K. Sparks
Biological Laboratory
Bureau of Commercial Fisheries
Building 302, Fort Crockett
Galveston, Texas 77550, USA

Dr. Victor Sprague
Chesapeake Biological Lab.
Box 38, Solomons, Md., USA

Dr. Gordon R. Stairs
Dept. of Zoology and Entomology
1735 Neil Avenue
Ohio State University
Columbus, Ohio 43210, USA

Dr. Leslie A. Stauber
Dept. of Zoology, Nelson Biological Lab.
Rutgers - The State University
New Brunswick, N.Y. 08903, USA

Dr. J.E. Stewart
F.R.B. of Canada
Halifax Lab. P.O. Box 429
Halifax, N.S., Canada

Dr. Minoru Tamashiro
Dept. of Entomology
Univ. of Hawaii
Honolulu, Hawaii 96822, USA

Alvin M. Tanabe
27 Lenox Road
Kensington, California 94707, USA

Dr. Y. Tanada
Division of Entomology
University of Calif.
Berkeley, Calif. 94720, USA

C. G. Thompson
SDA, Forestry Sciences Lab.
3200 Jefferson Way
P.O. Box 887
Corvallis, Oregon 97330, USA

Prof. Constant Vago
INRA-CNRS
Laboratoire de Cytopathologie
30 St. Christol, Gard, France

Dr. Patrick Virgil Vail
USDA, ERD
P.O. Box 858
Mesa, Arizona 85201, USA

Dr. T. V. Venkaraman
Faculty of Agriculture
Univ. of Khartoum, P.O. Box 32,
Khartoum, North Sudan

Hitoshi Watanabe
Laboratory of Sericulture
University of Tokyo
Bunkyo-ku, Tokyo, Japan

Don E. Weikamp
College of Fisheries
Univ. of Wash.
Seattle, Wash. 98105, USA

Dr. Sefton Robert Wellings
Dept. of Pathology
School of Medicine
University of California
Davis, California 95616, USA

Dr. William T. Wilson
Bee Disease Investigations
U.S.D.A. - A.R.S., Univ. of Wyoming
Laramie, Wyoming 82070, USA

Dr. Gertrude C. Wittig
Biological Sciences Faculty
Southern Illinois University
Edwardsville Campus
Edwardsville, Illinois 62025, USA

Dr. David F. Yen
Lab. of Entomology
Dept. of Plant Pathology and Ent.
Coll. of Agr. National Taiwan Univ.
Taipei, China

Dr. Paul P. Yevich
Pathology Unit
National Marine Water Quality Lab.
Liberty Lane & Fairground Road
W. Kingston, Rhode Isl. 02892, USA

Charter Members

Ronald T. Acton
Department of Microbiology
U. of Alabama Med. Ct. 1919-7th Ave. S.
Birmingham, Alabama 35233, USA

George W. Angalet
P.O. Box 150, USDA-ARS
Moorestown, New Jersey 08057, USA

Ken Y. Arakawa
Dept. of Biological Control
University of California
Riverside, California 92502, USA

Howard J. Arnot A.B., M.S., Ph.D.
Cell Research Inst., Univ. of Texas
Austin, Texas 78712, USA

Dr. John F. Bamrick
Biology Dept., Loras College
Dubuque, Iowa 52001, USA

Frederick B. Bang
Department of Pathobiology
J. Hopkins U., Sch. of Hyg. & Pub. Health
Baltimore, Maryland 21205, USA

Robert L. Beckett
424 South Blvd
Salisbury, Md. 21801, USA

Dr. George A. Benz
Dept. of Entomology
Swiss Federal Inst. of Technology
Universitätsstrasse 2,
Zürich, Switzerland CH 8006

Dr. Samuel H. Black
Dept. of Microbiology and Public Health
Michigan State University
East Lansing, Michigan 48823, USA

Dr. M.S. Briscoe
Howard University
College of Medicine
Dept. of Microbiology
Washington D.C. 20001, USA

Wayne M. Brooks
North Carolina State University
Dept. of Entomology, Box 5215
Raleigh, N.C. 27607, USA

Dr. Horace D. Burges
Glasshouse Crops Research Institute
Worthing Road
Rusington, Littlehampton
Sussex, England

John Bernard Carter
Bacteriology Dept.
West of Scotland Agriculture Coll.
Auchincruive, Ayr, Scotland, U.K.

Grace Y. Chang
904 Acacia Lane
Davis, Calif. 95616, USA

Reinhold Charpentier
Zoological Institute
Lund University
S-22362 Lund, Sweden

Dr. Abdul R. Chauthani
P.O. Box 98
Lakeview, Calif. 92353, USA

Dr. Thomas C. Cheng
Department of Biology
Williams Hall Lehigh University
Bethlehem, Penns. 18015, USA

Dr. G. E. Cosgrove
Biology Division
Oak Ridge National Lab.
P.O. Box Y,
Oak Ridge, Tenn. 37831, USA

Dr. Ronald C. Cowden
Dept. of Biological Sciences
Univ. of Denver, Univ. Park
Denver, Colorado 80210, USA

Dr. John E. Cushing
Dept. of Biological Sciences
Univ. of Calif.
Santa Barbara, Calif. 93106, USA

John W. Dale
Dept. of Agriculture
Western Illinois University
Macomb, Ill. 61455, USA

Dr. William A.L. David
Insect Pathology Laboratory
Worthing Road, Rustington
Littlehampton, Sussex, U.K.

Dept. of Chesapeake Bay Affairs
State Office Building
Annapolis, Maryland, USA

Charles C. Doane
The Conn. Agr. Exp. Sta.
123 Huntington Street, Box 1106
New Haven, Conn. 06504, USA

Prof. Robert Dollfus
Lab. of Comparative Helminthology
& Parasitology, 57 Rue Cuvier,
Paris 5, France

Elgin A. Dunnington
Chesapeake Biological Lab., Box 38
Solomons, Maryland 20688, USA

Burdette Warren Erickson, Jr.
Dept. of Zoology, Silvester Hall
University of Maryland
College Park, Maryland 20742, USA

Lowell Etzel
Division of Entomology, 333 Hilgard Hall
Univ. of Calif.
Berkeley, Calif. 94720, USA

Dr. Louis A. Falcon
333 Hilgard Hall, Div. of Ent.
University of Calif.
Berkeley, Calif. 94720, USA

Dr. Sung Y. Feng
Marine Res. Lab., Univ. of Conn.
Noank, Conn. 06340, USA

Jerry L. Fowler
Univ. of Calif., Dept. of Biological Control
Riverside, Calif. 92502, USA

Dr. Jost M. Franz
61 Darmstadt, Heinrichstrasse 243, W. Germany

Dr. Basil Furgala
Dept. of Entomology, Fisheries & Wildlife
Univ. of Minnesota
St. Paul, Minnesota 55101, USA

Dr. Bernardo P. Gabriel
Dept. of Entomology
College, Laguna, Philippines

Ivan E. Gard
Dept. of Entomology
University of California
Berkeley, Calif. 94720, USA

Dr. Richard E. Gingrich
Livestock Insects Investigations
ARS, USDA, Box 232
Kerrville, Texas 78028, USA

Dr. Nelson Goodman
Int. Minerals and Chemical Corp.
P.O. Box 647
San Jose, Calif. 95106, USA

Dr. Ronald Hayse Goodwin
Insect Path. Pioneering Lab.
Building A, ARC, USDA
Beltsville, Maryland 20705, USA

Dr. Robert R. Granados
Boyce Thompson Institute for
Plant Research, 1086 North Broadway
Yonkers, N.Y. 10701, USA

Rosa Grigorova
Institute of Microbiology
Kv. Geo Milev
Sofia 13, Bulgaria

Dr. John E. Hall
Dept. of Microbiology
West Virginia University
Morgantown, W. Virginia 26506, USA

Dr. James D. Harper
Dept. of Zoology Entomology
Auburn Univ.
Auburn, Alabama 36830, USA

Dr. Harold H. Haskin
Dept. of Zoology & Oyster
Research Lab., Rutgers, The State Univ.
New Brunswick, N.J. 08903, USA

Dr. W. Fred Hink
Ohio State Univ. Faculty of Entomology
1735 Neil Avenue
Columbus, Ohio 43210, USA

John D. Hitchcock
U.S. Bee Disease Investigations
University Station, Box 3168
Laramie, Wyo. 82070, USA

Dr. Horace L. Hodes
The Mt. Sinai Hospital, 11 E. 100 Street
N.Y., N.Y. 10029, USA

Dr. Sewell H. Hopkins
Biology Dept., Texas A & M University
College Station, Texas 77843, USA

Charles P. Hoyt
C/O Lincoln College
Canterbury, New Zealand

Kenneth M. Hughes
Forestry Sciences Lab.
3200 Jefferson Way, P.O. Box 887
Corvallis, Oregon 97330, USA

Dr. Toshihiko Iizuka
Lab. of Sericulture, Dept. of Agriculture
Hokkaido Univ., Sapporo, Japan

Robert M. Ingle
Fla. Bd. of Conservation
Tallahassee, Fla. 32304, USA

Paul J. Iwai
518 North 14th Street
Corvallis, Oregon 97330, USA

Sphe Jakowska
27 West 96th Street
N.Y., New York 10025, USA

Dr. Robert P. Jaques
Research Station
Canada Dept. of Agriculture
Harrow, Ontario, Canada

Virginia L. Jentoft
Dept. of Pathology
Univ. of Oregon, Medical School
Portland, Oregon 97201, USA

Dr. Otto Jirovec
Inst. of Parasitology
Czech. Academy of Sciences
Vinična 7, Prague 2, Czechoslovakia

Kazumasa Katagiri
Asakawa Forest, Government Forest Exp. Sta.
Nagafusacho 1833,
Hachioji, Tokyo, Japan

Takeshi Kawarabata
Inst. of Biological Control, Fac. of Agr.
Kyushu Univ., Fukuoka, Japan

Reiji Kodama
Inst. for Fermentation
Juso-Nishino-Cho
Higashiyodogawa-Ku, Osaka, Japan

Dr. John P. Kramer
10 Comstock Hall
Dept. of Entomology & Limnology
Cornell University
Ithaca, N.Y. 14850, USA

Dr. George E. Kranz
Marine Protein Corporation
Route 1, Box 36
Tavernier, Florida 33070, USA

Dr. Goro Kuno
Entomological Pioneer. Res. Lab.
Univ. of Puerto Rico
Mayaguez, Puerto Rico 00708, USA

Dr. Edouard Kurstak
Dept. of Microbiology & Immunology
Faculty of Medicine, U. of Montreal
Montreal, Canada

Pamela M. Lake
Dept. of Zoology, Univ. of Toronto
Toronto 5, Ontario, Canada

Lowell V. Larson
Bio-Test Industrial Laboratories, Inc.
1810 Frontage Road
Northbrook, Illinois 60062, USA

William M. Layton
Dpt. of Pathology
Dartmouth Medical School
Hanover, N.H., 03755, USA

Dr. Donald H. Lewis
Rm. 215c, Dept. of Vet. Micro.
College of Veterinary Medicine
Texas A & M University
College Station, Texas 77843, USA

Dr. Franklin B. Lewis
Hall Sey Lane
Woolbridge, Connecticut, USA

Library, Arctic Health Res. Lab.
U.S. Public Health Service
College, Alaska 99701, USA

Adda J. Liggitt
830 Wiltshire
San Antonio, Texas 78209, USA

James E. Lindgren
USDA, Stored-Products Insects
5578 Air Terminal Drive
Fresno, Calif. 93727, USA

Dr. Jiri Lom
Inst. of Parasitology
Czech. Academy of Sciences
Vinična 7, Praha 2, Czechoslovakia

Dr. Aldo Magnoler
Stazione Sperimentale del Sughero
07029 Tempio Pausania, Sassari, Italy

Jehanne-Francoise Manier
Laboratoire de Zoologie, Fac. des Sciences
Place Eugene Bataillon
34-Montpellier, France

Dr. Karl Joseph Marschall
UN-Spc Rhinoceros Beetle Project
P.O. Box 597, Apia/ Western Samoa

James F. Matza
Dept. of Biology, Old Dominion Univ.
Norfolk, Va 23508, USA

Gilbert Matz
Lab. de Biol. Animale
Ctr. Scientifique Université
B.P. 2001 Belle Beille
49 Angers, France

Dr. Horace M. Mazzone
300 Center Road
Easton, Conn. 06425, USA

Dr. Freeman L. McEwen
Rm. 237, Animal Nutrition Bldg.
Dept. of Zoology
University of Guelph,
Guelph, Ontario, Canada

Albert R. Mead
The Univ. of Arizona
College of Liberal Arts
Dept. of Biological Sciences
Tucson, Arizona, 85721, USA

Richard J. Milner
C.S.I.R.O., Division of Entomology
Private Bag
Armidale, N.S.W. 2350, Australia

Dr. Jun Mitsuhashi
Division of Entomology
National Inst. of Agr. Sci.
Nishigahara, Kita-Ku
Tokyo, Japan

Dennis W. Murphy
Dept. of Biological Control
Univ. of Calif.
Riverside, Calif. 92502, USA

Dr. Ray B. Nagle
10201 Parkwood Drive
Kensington, Maryland 20795, USA

Dr. C.C. Narasimhamurti
Dept. of Zoology
Andhura University
Waltair, India

Dr. Richard A. Neal
Bureau of Commercial Fisheries
Fort Crockett
Galveston, Texas 77550, USA

Dr. Ross F. Nigrelli
Osborn Laboratories of Marine Sci.
Boardwalk and West Eighth Street
Brooklyn, New York 11224, USA

Dr. John R. Norris
Shell Research LTD.
Broad Oak Rd.
Sittingbourne, Kent, U.K.

Eugene J. Petrovits
Aquacultural Res. Corp.
P.O. Box 597
Dennison, Mass. 02638, USA

Dudley E. Pincock
Division of Entomology
College of Agriculture
University of California
Berkeley, Calif. 94720, USA

Dr. Santiago Plurad
Dept. of Ent., Univ. of Missouri
Columbia, Missouri 65201, USA

Dr. Sothorn Prasertphon
Ent. Section, Dept. of Agriculture
Bangkok, Bangkok, Thailand 9

Dr. Charles S. Richards
Lab. of Parasitic Diseases
National Institutes of Health
Building 5, Bethesda
Maryland 20014, USA

Eric Rifkin
Naval Institute for Med. Res.
National Naval Medical Center
Bethesda, Maryland 20014, USA

Thomas E. Rinderer
Dept. of Zoology & Entomology
1735 Neil Avenue
Columbus, Ohio 43210, USA

Larry F. Roberts
Dept. of Zoology
Univ. of Mass.
Amherst, Mass. 01002, USA

Dr. Aaron Rosenfield
Biol. Lab., Bureau of Comm. Fisheries
U.S. Fish & Wildlife Service
Oxford, Maryland 21654, USA

Hubert D. Rule
186 Chimney Hill Road
Yalesville, Conn. 06492, USA

Robert Dale Sanders
333 Hugard Hall
Univ. of Calif.
Berkeley, Calif. 94720, USA

Dr. Martin Shapiro
Boyce Thompson Institute for Plant Research
1086 North Broadway
Yonkers, N.Y. 10701, USA

Fred D. Stewart
Nitrilite Products Inc.
P.O. Box 98
Lakeview, Calif. 92353, USA

Dr. Max D. Summers
Cell Research Institute
Dept. of Botany
University of Texas
Austin, Texas 78712, USA

Nobuhiko Tanaka
Res. Laboratories of Chugai
Pharmaceutical Co., Ltd.
Takada 3-41-8, Toshima Prefecture
Tokyo, Japan

John V. Thompson
Insect Path. Lab.
Ent. Bldg. A., ARC
Beltsville, Md. 20705, USA

Nick C. Toscano
1855 Ohio St., Apt. D
Riverside, Calif. 92507, USA

Dr. Marenas R. Tripp
Dept. of Biological Sciences
Univ. of Delaware
Newark, Delaware 19711, USA

Dr. Torgny KG Unestam
Institute of Physiological Botany
University of Uppsala, Sweden

Dr. Ijubisa Vasiljevic
Institut of Plant Protection
Lab. for Biological Control
Banatska 33, Zemun
Yugoslavia

Dr. Jiri Vavra
Institute of Parasitology
Czechoslovak Academy of Science
Vinicna 7
Prague 2, Czechoslovakia

Dr. Klaas H. Veen
Laboratorium voor Entomologie
Binnenhaven, Wageningen
The Netherlands

Elizabeth M. Wallace
Oyster Institute
22 Main Street
Sayville, Long Island, N.Y., USA

Peter F. Weinheimer
Dept. of Microbiology
Univ. of Alabama, Medical Center
South Birmingham, Alabama 35223, USA

Dr. Harold E. Welch
Dept. of Zoology
University of Manitoba
Winnipeg 19, Canada

Peter H. Wolf
N.S.W. State Fisheries Lab.
211 Kent Street
Sydney 2000, Australia

Christos Yamvriasis
Benaki Pytopathological Inst.
Kiphissia Athens
Greece

Regular Members

Dr. A.M. Afify
Biological Control Unit
National Research Centre
Dokki, Cairo, Egypt

Dr. Keio Aizawa
Institute of Biological Control
Fac. of Agriculture
Kyushu University
Fukuoka, Japan

Dr. D. J. Alderman
Dept. of Biological Sciences
Portsmouth Coll. of Tech.
Portsmouth, Hants
England PO1, 3DJ

Dr. Nelda E. Alger
1418 Lincolnshire Dr.
Champaign, Ill.
61820, USA

Dr. Terry C. Allison
Dept. of Biology
Pan American College
Edinburgh, Texas 78501, USA

Dr. August Amargier
Stan. de Recherches Cytopathologiques
30 Saint Christol, France

Mr. Darrell W. Anthony
U.S. Dept. Agric.
ARS Ent. Research Div.
P.O. Box 1268, Gainesville Fla. 32601, USA

Angelini Antoine
Station de Recherches I.R.C.T.
B.P. 604, Banaki Cote d'Ivoire
Paris, France

Dr. Joji Aoki
Dept. of Plant Protection
Tokyo Noko University
Saiwaicho 3, Fuchu, Tokyo, Japan

Dr. John A. Arcadi
Dept. of Biology
Whittier College
Whittier, Calif. 90608, USA

Pierre Atger
Station de Recherches I.R.C.T.
B.P. 715, Cotonou Dahomey
Paris, France

Dr. A.S. Atwal, Dean
Punjab Agric. Univ.
Ludhiana, Punjab, India

Dr. Chihiro Ayuzawa
Virus Laboratory
Sericultural Exp. Station
Suginami-Ku, Tokyo, Japan

Dr. Leslie Bailey
Rothamsted Experimental Station
Harpenden, Herts, England

Dr. Marion Bakula
Dept. of Biology, Saint Louis Univ.
1504 South Grand Boulevard
St. Louis, Missouri 63108, USA

Mr. Norman L. Baldwin
248 S.W. Twin Oaks Circle
Corvallis, Oregon 97330, USA

Dr. Marcia M. Barry
203 5300 Post Road
East Greenwich, R.I. 02818, USA

Dr. Erwin R. Beilfuss
Div. Biological Sciences
Humboldt State College
Arcata, Calif. 95521, USA

Dr. Gordon R. Bell
Fisheries Research Board of Canada
Biological Station
Nanaimo, B.C., Canada

James V. Bell
USDA, ARS, Entomology Res. Div.
Box 3187
Charleston, S. Carolina 29407, USA

Mr. Glenn A. Bennett
Northern Regional Research Laboratory
1815 North University
Peoria, Illinois 61604, USA

Dr. Max Bergoin
Stan. de Recherches Cytopathologiques
INRA-CNRS
30-Saint Christol, France

Frederick T. Bird
Insect Pathology Research Institute
Canada Dept. of For. & Rural Dev.
Box 490, Sault Ste. Marie
Ontario, Canada

Dr. W.R. Blackburn
Dept. Path. Penns. State Univ.
College of Med.
Hershey, Penna. 17033, USA

Dr. Noel Boemare
Station de Recherches Cytopathologiques
30-Saint-Christol-les-Aies (Gard)
France

Dr. Jean-Robert Bonami
Station de Recherches Cytopathologiques
30-Saint-Christol-les-Aies(Gard)
France

Dr. G. Mallory Bousch
Dept. of Entomology
College of Agriculture
Univ. of Wisconsin
Madison, Wisconsin 53706, USA

Dr. Marion A. Brooks
Dept. of Entom. Fish & Wildlife
University of Minnesota
St. Paul, Minnesota 55101, USA

Mr. Robert S. Brown
6 5203 Eastbury Avenue
Apt. C., Baltimore, Md. 21206, USA

Lucretia R. Buchanan
High Street
Oxford, Md. 21654, USA

Dr. Lee A. Bulla Jr.
Northern Regional Res. Lab.
U.S. Dept. of Agriculture
1815 North University
Peoria, Illinois 61604, USA

Dr. A. Burgerjon
La Miniere par Versailles 78
France

Dr. Phillip A. Butler
106 Matamoros Drive
Gulf Breeze
Florida 32561, USA

Ann Call
Veterinary Pathology Building
1925 Coffey Road
Ohio State University
Columbus, Ohio 43210, USA

Walter J. Canzonier
Stazione Idrobiologica
C.P. 101
30015 Chioggia (Ve), Italy

Mr. G. R. Carner
Dept. of Entomology
Clemson University
Clemson SC. 29631, USA

Dr. Jack T. Cecil
Osborn Laboratories of Marine Sci.
Boardwalk and West Eighth Street
Brooklyn, N.Y. 11224, USA

Mrs. Yu-Cheng Chang
Taiwan Tobacco Res. Instit.
Titchung, Taiwan

Jowett Chao
Dept. of Zoology
Univ. of Calif.
Los Angeles, Calif. 90024, USA

Dr. Lucien Charmoille
Laboratory Roger Beillon
159, Avenue du Roule
920 Neuilly-sur-Seine
France

C.B. Chen
Taiwan Sugar Exp. Stn.
Tainan, Taiwan.
Republic of China

Daniel P. Cheney
204 Fisheries Center
University of Wash.
Seattle, Wash. 98105, USA

Dr. Kenneth K. Chew
College of Fisheries
Univ. of Washington
Seattle, Wash. 98105, USA

Wei-Huang Chu
Dept. of Plant Path. & Ent.
College of Agriculture
National Taiwan University
Taipei, Taiwan, China

Mr. Howard A. Chittick
Box 129
Clinton Corners, New York 12514, USA

- Robert K. Cissel
9309 60th Street N.
Pinellas Park, Florida 33565, USA
- Dr. George B. Cline
Department of Biology
University of Alabama at Birmingham
1919 South Seventh Avenue
Birmingham, Alabama 35233, USA
- Dr. J. Clot
Institut de Biologie
Faculte de Medecine
Boulevard Henri 4
34-Montpellier, France
- Radu Codreanu
Lab. de Zoologie Invertebrates
Faculte des Sci. Naturelles
Splaiul Independentei 93
Bucharest 35, Roumania
- Dr. Rita R. Colwell
Dept. of Biology
Georgetown University
Washington D.C. 20007, USA
- Dr. Ray M. Conner
1127 Emack Road
Beltsville, Maryland 20705, USA
- Keith E. Cooksey
University of Miami
Sch. of Marine & Atmos. Sciences
10 Rickenbacker Causeway
Miami, Florida 33149, USA
- Dr. Benjamin J. Cosenza
Biological Life Science Group
Microbiology Section J-44
University of Conn.
Storrs, Conn. 06268, USA
- John A. Couch
Environmental Protection Agency
Biological Lab., Sabine Island
Gulf Breeze, Florida 32561, USA
- Rene Couilloud
Station de Recherches I.R.C.T.
B. P. 604, Banaki Cote d'Ivoire
Paris, France
- Dr. Guy Croizier
Station de Recherches Cytopathologiques
30-Saint-Christol-les-Alès
France
- John C. Cunningham
Insect Path. Res. Institute
P.O. Box 490, Saulte Ste. Marie
Ontario, Canada
- P. S. Dale
Dept. of Agriculture
Auckland, New Zealand
- Clyde J. Dawe
Dept. of Health, Education and Welfare
National Cancer Institute
Bethesda, Md. 20014, USA
- Dr. Huguette de Barjac
Chef de Laboratoire
Institut Pasteur, 28 Rue du Dr. Roux
Paris /15/, France
- Prof. Pierre Depuytorac
Laboratoire Zoologie
Faculte Sciences
1 Av. Verceytorix
Clermont-Ferrand, France
- Dr. Michael Detri
Institute of Pathological Anatomy
University of Copenhagen
11 Frederik den Femtes Vej
2100 Copenhagen, Denmark
- Dr. Girard Devauchelle
College Scientifique Universitaire
Laboratoire de Biologie Animale
33 Rue St. Leu, 80 Amiens, France
- Timothy J. Dodgson
Univ. of Otago, Medical School
Microbiology Dept., Box 913
Dunedin, New Zealand
- Walter Rudd Douglass
Dept. of Zoology
Rutgers University
New Brunswick, New Jersey 08903, USA
- Edgar Dresner
183 Hany Lane R.D. 3
Rockville Conn. 06066, USA
- Normand R. Dubois
8 Maplewood Terrace
Hamden, Connecticut USA
- Howard S. Ducoff
Dept. of Physiology and Biophysics
524 Burrill Hall, Univ. of Illinois
Urbana, Illinois 61801, USA
- Dr. Jean Louis Duthoit
Stn. de Recherches Cytopathologiques
30-Saint-Christol, France
- Dr. Albert F. Eble
Trenton State College
Trenton, N.J. 08608, USA
- Miss Josette Durand
Station de Recherches Cytopathologiques
30-Saint-Christol-les-Alès (Gard)
France
- Torgeir Edland
Norwegian Plant Protection Institute
Div. of Ent., Statens Plantevern
1432 Vollebakk, Norway
- Mohamed Adel Elftajeh
Station de Recherches Cytopathologiques
30-Saint-Christol-les-Alès (Gard)
France
- Laije, Jean-Paul, Ensat
145 Av. de Muret Toulouse
Albi, Rp., France
- Philip F. Entwistle
Insect Path. Unit
Commonwealth Forestry Institute
South Parks, Oxford, England
- James L. Eschle
USDA, Ent. Res. Div.
P.O. Box 232
Kerrville, Texas 78028, USA
- Dr. E. Edward Evans
Dept. of Microbiology
University of Alabama
1919 Seventh Avenue
Birmingham, Alabama 35233, USA
- Dr. J. E. Fardal
Nutrilite Products Inc.
P.O. Box 98
Lakeview, Calif. 92353, USA
- Charles A. Farley
U.S. Bureau of Commercial Fisheries
Biological Lab.
Oxford, Md. 21654, USA
- Dr. Bernice Farrens
Dept. of Physiol. & Biophysics
Univ. of Illinois
524 Burrill Hall
Urbana, Illinois 61801, USA
- Dr. Peter Faulkner
Dept. of Microbiology
Queens University
Kingston, Ontario, Canada
- Dr. Jean S. Feng
205 Prospect Hill Road
Noank, Conn. 06340, USA
- Dr. P. Ferrou
Inst. Nat. Recherche Agronomique
Stn. de Recherches-Biol. & Biocoen.
La Miniere par Versailles 78
France
- Fish and Wildlife Administration
State Office Building
Annapolis, Maryland 21401, USA
- Dr. Olivier Flandre
Laboratoire de Therogenique
Faculte de Medecine
Boulevard Henri 4
34-Montpellier, France
- Full Professor Gino Florenzano
Institute de Microbiologica
Agraria e Technica
Piazzale delle Casaine
28-Firenze/Italy
- Dr. Jean Fosset
Stn. de Recherches Cytopathologiques
30-Saint-Christol, France
- Michael Fowler
Entomology Division
D.S.I.R. Private Bag
Nelson, New Zealand
- Dr. Stanley Frost
Dept. of Biology
University of Salford
Salford 5, Lancashire, England
- Nobuo Fujiyoshi
Seibu Chemical Industry Co. Ltd.
222 Kamikawa-Mura, Kodama-Gun
Saitama Pref. Japan
- P. N. Ganapati
Head of the Zoology Dept.
Andhra University
Waltair, India
- Dr. Ronald Gardiner
Shell Research Ltd.
Borden Microbiological Laboratory
Broad Oak Road
Sittingbourne, Kent, England
- Elisabeth Gateff
21 41 Overlook Rd.
Cleveland, Ohio 44106, USA
- Dr. J. Gianotti
Stn de Recherches Cytopathologiques
30-Saint-Christol, France
- Dr. Andre Jean Louis Giauffret
Laboratoire de Recherches
63 Avenue des Aienes
06 Nice/France/
- Dr. N.H.E. Gibson
Dept. of Pure & Applied Zoology
Agricultural Sciences Building
Univ. of Leeds
Leeds L.S. 2 9 J 1, England
- Martha A. Gilliam
Bee Research Lab.
2000 E. Allen Road
Tucson, Arizona 85719, USA
- Dr. Giordani Giulia
Istituto de Zoocolture
Via S. Giacomo 9
Bologna/Italy/ 40126
- Thomas A. Gochmuer
14 Trinity Drive
Ottawa 6, Canada
- Mr. Leonard V. Goldberg
9 Boies Court
Pleasant Hill, Calif. 94523, USA
- Dr. Dawn G. Goodman
Dept. of Pathology
Johns Hopkins Hospital
Baltimore, Md. 21205, USA
- Dr. Peter Gotz
Biological Institut of The University
D-78 Freiburg, West Germany
Katharinenstr. 20
- Jean Gouranton
Université de Rennes I
Avenue du Général Leclercq
Rennes 35, France
- Dr. F. Harriet Gray
Entomology Dept.
Ohio State Univ.
1735 Neil Avenue
Columbus, Ohio, USA
- Dr. B.G. Gregory
Smith, Kline & French
709 Swedeland Rd.
Swedeland, Pennsylvania 19479, USA
- Dr. Lucas G. Gruner Craag
Station de Zool. & de Lutte Biologique
Petit-Bourg, Guadeloupe
Piazzale delle Casaine
West Indies
- Mr. D. P. Halder
Dept. of Zoology
Calcutta University
35 Ballygunge Circular Road
Calcutta 19, India
- Donald W. Hall
Dept. of Entomology
Univ. of Massachusetts
Amherst Mass. 01002, USA
- Dr. Shlby J. Hall
Dept. of Microbiology
Univ. of Alabama
Med. Ctr. Birmingham, Alabama 35233, USA
- John J. Hamm
Southern Grain Insects Res. Lab.
Ga. Coastal Plain Expt. Sta.
Tifton Ga. 31794, USA
- Donald P. Harlan
U.S.D.A. - A.R.S. - Ent. - W.F. B.
Box 989
Gulfport, Mississippi 39501, USA
- Dr. I. Harpaz
Hebrew University of Jeru salem
Faculty of Agriculture
P.O. Box 12, Rehovot, Israel
- Keith A. Harrap
Insect Path. Unit
Commonwealth Forestry Institute
South Parks, Oxford, England
- Dr. Sirajul Hasan
Stn. de Recherches Cytopathologiques
30-Saint-Christol-les-Alès, France
- William C. Haynes
726 W. Ridge Road
Peoria, Illinois 61614, USA
- Dr. R. W. Heard
9234 Ferguson Avenue
Savannah, Ga. 31406, USA
- Leroy H. Heaton
322 NW 11th
Corvallis, Oregon 97330, USA
- Dr. Erik Heegaard
Abbot Laboratories Scientific Division
P.O. Box 21c
53a High Street
Esher, Surrey, England
- Dr. Fernanda Pinto Coelho Heitor
Estacao Agronomica Nacional
Oeiras, Portugal
- Dr. Thomas J. Helms
Dept. of Entomology, College of Agr.
and Home Economics
Univ. of Nebraska
Lincoln, Nebraska 68503, USA
- Dr. John E. Henry
USDA, ARS, ERD
Grasshopper Laboratory
Montana State University
Bozeman, Montana 59725, USA
- Mr. Barry N. Herbert
Shell Research Ltd.
Borden Microbiological Lab.
Broad Oak Road
Sittingbourne, Kent, England
- Dr. Mary M. Herman
Dept. of Pathology
Stanford Univ. School of Med.
Stanford, Calif. 94305, USA
- Dr. Sidney S. Herman
Dept. of Biology
Lehigh University
Bethlehem, Penn. 18017, USA
- Dr. Robert E. Hillman
W. F. Clapp Laboratories
Battelle Memorial Institute
Duxbury, Massachusetts 02332, USA
- Mr. Donald L. Hostetter
USDA, ARS Ent.
Biological Control of Insects Res. Lab.
P.O. Box A
Columbia, Missouri 65201, USA

- Jules A. Hoffman
Lab. de Biologie
12 Rue de l'Université
67-Strasbourg, France
- Dr. Sze-Jih Hsu
Dept. of Plant Pathology & Ent.
National Taiwan University
Taipei, Taiwan, China
- Dr. Douglas K. Hunter
USDA Stored Product Insect Res
5578 Air Terminal Drive
Fresno, Calif. 93727, USA
- Dr. K. L. Hussey
Div. of Parasitology
Sch. of Pub. H. & Admin. Med.
Columbia Univ. 630 W 168th St.
New York, N.Y. 10032, USA
- Providencia Ingenio, S.A.
Apartado Aéreo 224
Palmira, Columbia
South America
- Marko Injac
Lab. de Lutte Biol.
Beograd-Zemun, Ra Rue
Benatsza 33, Yugoslavia
- Dr. Kinji Inoue
Industrial Inst. of Gunma
Sangyo Shikengo
2326-2 Souja-Machi
Maebashi-Shi, Gunma-Ken, Japan
- Dr. Ren Ishihara
Dept. of Agriculture & Veterinary
Science, Nihon Univ.
3 Chome, Shimouma Machi
Setagaya Ku, Tokyo, Japan
- Hidenory Iwahana
Inst. of Biol. Control
Faculty of Agriculture
Kyushu Univ., Fukuoka, Japan
- Dr. Yoshimizu Iwashita
Faculty of Agriculture
Usunomiya Univ.
Usunomiya, Tochigi-Ken, Japan
- Dr. Rene I. Jahiel
Res. Assoc. Prof. Dept. of Prev. Med
New York Univ. Sch. of Med.
550 First Avenue
New York, New York USA
- Else Jahn
Forstliche Bundesversuchsanstalt
Schonbrunn, Wien XIII, Austria
- Dr. David H. Johnson
204 Elkton Blvd.
Elkton, Md. 21921, USA
- Dr. Phillis T. Johnson
Erckhoff Marine Laboratory
Calif. Inst. of Technology
101 Dahlia St. Corona del Mar
Calif. 92526, USA
- Dr. Pierre H.A. Jolivet
67 Boulevard Sout
75-Paris 12, France
- Evelyn J. Jones
College of Fisheries
Univ. of Washington
Seattle, Wash. 98119, USA
- Dr. Stanley C. Katkansky
State of Cal. Dept. of Fish & Game
Marine Resources of Operations
Lab. 441 Burgess Drive
Menlo Park, Calif. 94025, USA
- Mr. Clinton Y. Kawanish
Cell Research Inst.
Dept. of Botany, Univ. of Texas
Austin, Texas 78712, USA
- Dr. Shigemi Kawase
Faculty of Agriculture, Nagoya Univ.
Furocho, Chikusa-Ku
Nagoya, Japan
- Dr. William R. Kellen
5578 E. Air Terminal Drive
Stored-Product Insect Res. Br.
ARS, USDA, Fresno, Calif. 93727, USA
- David C. Kelly
Div. of Biol. Sciences
School of Molecular & Biol. Sciences
The Univ. of Warwick
Coventry, Warwickshire, CV4 7A2
Great Britain
- Dr. Robert G. Kenneth
Dept. of Plant Path. & Microbiology
Faculty of Agriculture
Hebrew Univ. of Jerusalem,
P.O. Box 12, Rehovot, Israel
- Dr. Aziz Kharazi Pakdel
Faculty of Agriculture
Lab. of Entomology
Karadj/Iran
- Dr. Robert C. King
Dept. of Biological Sciences
Northwestern Univ.
Evanston, Ill. 60201, USA
- Dr. Hiroshi Kita
Inst. of Food Chemistry
2 23 Dokima-Nana
Kitaku, Osaka, Japan
- Mr. Michael Klein
USDA, ARS, Box 150
Moorestown, N.J. 08057, USA
- Dr. Ryonosuke Koyama
Kyushu Branch
Government Forest Exp. Sta.
Shimotatsuta 547, Kurokamicho
Kumamoto, Japan
- Dr. Paul L. Krupa
Biology Dept.
The City College of New York
139th Street and Convent Ave.
New York, New York 10031, USA
- Dr. Janina Krywienczyk
Box 490, Sault Ste. Marie
Ontario, Canada
- Dr. Kazuhiko Kurisu
Lab. of Applied Microbiology &
Silkworm Path.
Kyoto U. of Ind. Arts & Text. Fibers
Sakata-Machi, Kita-Ku, Kyoto, Japan
- Dr. Marshall Laird
Dept. of Biology
Memorial Univ. of Newfoundland
St. Johns, Newfoundland, Canada
- Dr. R. Laison
Wellcome Parasitology Unit
Caixa Postal 232
Belem-Para, Brasil
- Dr. Maurice Laporte
Stn de Recherches Cytopathologiques
30-Saint-Christol, France
- Mr. Leslie C. Lewis
European Corn Borer Inves.
Box A, Ankeny, Iowa, USA
- Ronny Larsson
Zoologiska Institutionen
Entomologiska Avdelningen
Helgonavagen 3
223 62 Lund, Sweden
- Richard S. Legore
College of Fisheries
Univ. of Washington
Seattle, Washington 98105, USA
- Hok-Kan Lim
G.W Hooper Foundation
Univ. of Calif. San Francisco, USA
- Dr. David R. Lincicome
7118 Cedar Avenue
Takoma Park, Maryland 20012, USA
- Dr. Jerzy J. Lipa
Lab. of Biological Control
Inst. of Plant Protection
Grunwaldzka 189, Poznan, Poland
- John F. Longworth
Insect Pathology Unit
Commonwealth Forestry Inst.
South Parks, Oxford, England
- Mr. Richard H. Loring
Aquacultural Research Corp.
P.O. Box 597
Dennis, Mass. 02638, USA
- Dr. Claude Louis
INRA - CNRS
St. de Recherches Cytopathologiques
30-Saint-Christol-les-Alès (Gard)
France
- Dr. Elizabeth Lovelace
Georgetown Univ. Biol. Dept.
Reiss Science
37th & O Sts. N.W.
Wash., D.C. 20007, USA
- Dr. Oleg Lysenko
Insect Pathology
Inst. of Entomology
CSAV., Flemingova N.2
Praha6, Czechoslovakia
- Dr. Roy E. MacLaughlin
Boll Weevil Lab.
ARS, USDA
Starkville, Miss. USA
- Dr. Joseph V. Maddox
Sec. of Economic Ent.
Ill. State Nat. Hist. Sur.
68 Nat. Resources Bldg.
Urbana, Ill. 61801, USA
- Dr. Logan M. Mahaffey
Dept. of Pathology
Univ. of Rochester Med. Center
260 Crittenden Boulevard
Rochester, New York 14620, USA
- Pierre Maillet
Univ. de Rennes
Beaulieu 35, France
- Dr. Irena Majchrowicz
Chair of Plant Protection
College of Agriculture
Slowackiego 17
Szczecin, Poland
- Prof. Jeanne Mandin
Faculty of Medicine
Univ. of Montpellier
Boulevard Henri 4
34-Montpellier, France
- Dr. Karl Maramorosch
Boyce Thompson Inst. for
Plant Research
1086 North Broadway
Yonkers, New York 10701, USA
- Dr. D. Martouret
Stn. de Recherches Biol. & Bioc.
La Minière par Versailles, 78
France
- Dr. Jean Maurand
Stn. de Recherches Cytopathologiques
30-Saint-Christol-les-Alès (Gard)
France
- Dr. Calvin L. Massey
Rocky Mtn Forest Range Exp. Stn.
5423 Federal Building
517 Gold Avenue, S. Was. 87101, USA
- Mr. Enrique C. Matco
Univ. Nacional Fed. Villarreal
Francia 726 Miraflores
Lima, Peru
- Dr. Clayton W. McCoy
Humid Areas Citrus Insect Inves.
USDA, Ent. Res. Div. ARS
2120 Camden Road
Orlando, Florida 32803, USA
- Dr. A. D. McGillivray
26 Queens Terrace
A.Y.R. Ayrshire, Scotland
- Elie Mechaly
Stn. de Recherches Cytopathologiques
30-Saint-Christol-les-Alès (Gard)
France
- Boonson Meksongsee
Entomology Section
Dept. of Agriculture
Bangkhen, Bangkok 9
Thailand
- Gerard Meynadier
Stn de Recherches Cytopathologiques
30 - Saint-Christol,
France
- Fred M. Miller
4321 Lula Street
Bellaire, Texas 77401, USA
- Dr. Susette Meynadier
Stn de Recherches Cytopathologiques
30-Saint-Christol, France
- Dr. Jaime Miquel
Ames Research Center
Moffett Field, Calif. 94035, USA
- Shigetoshi Miyajima
Lab. of Phytopathology & Ent.
Basic Res. Div.
Aichi-Ken Agricultural Res. Center
Nagakute, Achi-Gun, Achi, Japan
- Gordon E. Moore
Forestry Sciences Lab.
P.O. Box 12254
Research Triangle Park N.C.
27709, USA
- S.G. Moore
Microbiol. Dept. Otago Med. Sch.
Univ. of Otago, P.O. Box 913
Dunedin, New Zealand
- Gilles Morel
Station de Recherches Cytopathologiques
30-Saint-Christol-les-Alès, (Gard)
France
- Betty W. Mortimore
Dept. of Biology
Graceland College
Lamoni, Iowa 50140, USA
- Dr. Anthony J. Musgrave
Dept. of Zoology
Univ. of Guelph
Guelph, Ontario, Canada
- Dr. Carlton H. Nadolney
Brookhaven National Lab.
Biology Department
Upton, L.I., New York 11973, USA
- Dr. Murray M. Neilson
Dept. of Forestry & Rural Developmt.
Forestry Research Lab.
P.O. Box 4000
Fredericton, N.B. Canada
- Martin W. Newman
BCF - Biological Lab.
Oxford, Md. 21654, USA
- Francoise Odier
29 Dreve de la Brise
Brussels 1170, Belgium
- Dr. William R. Nickle
Nematology Investigations
USDA, ARS, CRD
Plant Industry Station
Beltsville, Md. 20705, USA
- Mr. Gerald L. Nordin
Section of Economic Entomology
Illinois Natural History Survey
Urbana, Ill. 61801, USA
- Dusan Novak
Engineer, Hodonin
Delnicka 18, Czechoslovakia
- Dr. Matti Nuorteva
Institute for Agriculture & Forest Zoology
University of Helsinki
Viikki, Helsinki 71, Finland
- Jean Claude Odier
27 Avenue Henri Strauwen
Bruxelles, Belgium
- Tadatora Okada
Kyushu Agriculture Exp. Station
Chikugo, Fukuoka Pref., Japan
- Dr. Hirohisa Omura
Dept. of Food Science & Technology
Kyushu University
Fukuoka, Japan
- Dr. Gert B. Orlob
Dept. of Botany
Univ. of Toronto
Toronto 5, Ontario, Canada
- Dr. R. M. Overstreet
P.O. Box A.G.
Gulf Coast Research Lab.
Ocean Spring, Mississippi 39564, USA
- Dean P. Owens
Virginia Inst. of Marine Science
Gloucester Point, Virginia 23062, USA
- Joseph H. Patti
Dept. of Entomology & Economic Zoology
Clemson University
Clemson, South Carolina 29631, USA

- C. Austin Pauley
U.S. Fish & Wildlife Service
Bureau of Commercial Fisheries
Biological Laboratory
Oxford, Md. 21654, USA
- Dr. Ian R. Pendleton
Dept. of Microbiology
Univ. of Glasgow
Glasgow, U.K.
- Dr. Frank O. Perkins
Virginia Inst. of Marine Science
Gloucester Point, Va. 23062, USA
- Dr. Jembulingam S. Pillai
Dept. of Microbiology, Med. Sch.
Univ. of Otago, P.O. Box 913
Dunedin, New Zealand
- Mr. John D. Podgwaite
Northeastern Forest Exp. Station
Forest Insect & Disease Lab.
151 Sanford Street
Hamden Connecticut 06514, USA
- Dr. Nadine Plus
Stn de Recherches Cytopathologiques
Saint Christol les Alès
Gard, France
- V. T. Poltev
Kusminsk Str. W. 36
Veterinary Academy
Moscow, J-439, USSR
- Valery P. Pristawko
Institute for Plant Protection
Vasil Kovskaia 51
Kiev 127, USSR
- Robert E. Putz
Eastern Fish Disease Lab.
Leetown, P.O. Kearneysville
W. Va. 25430, USA
- Joe A. Quick Jr.
Marine Res. Lab.
Fla. Bd. of Conservation
Post Office Drawer F
St. Petersburg, Fla. 33731, USA
- Dr. Jean-Marie Quiot
Stn. de Recherches Cytopathologiques
30-Saint-Christol, France
- Dr. Lalitha Raghunathan
Apartment A.
237 West Laurel
San Diego, Cal. 92101, USA
- Michel Rannou
Laboratoire Arago
66-Banyuls Sur Mer, France
- B. Coimbatore Jagannatha Rao
Lab. of Sericulture
Faculty of Agriculture
Univ. of Tokyo
Bunkyo-Ku, Tokyo, Japan
- Dr. Earle S. Raun
Dept. of Entomology
Univ. of Nebraska
Lincoln, Nebraska 68503, USA
- Mr. David K. Reed
Arid Area Citrus Insects Inv.
ARS, USDA
Box 112, Univ. of Calif.
Riverside, Calif. 92592, USA
- Dr. Robert A. Rhodes
Northern Regional Res. Lab
U.S. Dept. of Agriculture
Peoria, Ill. 61604, USA
- Dr. C. F. Rivers
Insect Pathology Unit
Dept. of Forestry, Univ. of Oxford
South Parks Rd., Oxford OX13 RB
England
- James S. Robertson
Insect Pathology Unit
Commonwealth Forestry Institute
South Parks Rd., Oxford, England
- Dr. Martin H. Rogoff
IMC, Growth Sciences Center
Libertyville, Illinois 60048, USA
- Dr. Maurice Paul Rosseau
Directeur du Lab. de Recherches
63 Avenue des Aïenes
06-Nice, France
- Mr. C. L. Ruddell
Univ. of Wash.
College of Fisheries
Seattle, Wash. 98105, USA
- Dr. George D. Ruggieri
New York Zoological Society
Seaside Park, Coney Island
Brooklyn, N.Y. 11224, USA
- Alizadeh Safar
Station de Recherches Cytopathologiques
30-Saint-Christol-les-Aïes (Gard)
France
- Dr. R. M. Sayre
Nematology Invest.
USDA, ARS, CRD.
Plant Industry Station
Beltsville, Md. 20705, USA
- Dr. John E. Scanlon
Univ. of Texas at Houston
School of Public Health
P.O. Box 20186, Astrodom Station
Houston, Texas 77025, USA
- Dr. Frank G. Schlicht
Oceanonics, Inc.
6210 Evergreen
Houston, Texas 77036, USA
- Dr. Howard A. Schneiderman
Developmental Biology Lab.
Univ. of Calif.
Irvine, Calif. 92664, USA
- Dr. Howard A. Scott
Virology & Biocontrol Lab.
University Farms
Route 6, Fayetteville
Arkan. 72701, USA
- Dr. John A. Shaddock
1926 Coffey Road
Columbus, Ohio 43210, USA
- Dr. Kyril Sidor
Institut Pasteur
Novi Sad
Hajduk Veijka 1
Yugoslavia
- Peter P. Sikorowski
Mississippi State Univ.
Dept. of Entomology
P.O. Drawer EM
State College, Miss. 39762, USA
- Geoffrey C. Simmons
Animal Research Inst.
Fairfield Road
Yeerongpilly, Queensland 4105
Australia
- Dr. Carl J. Sindermann
U.S. Bureau of Commercial Fisheries
Tropical Atlantic Biological Lab.
75 Virginia Beach Dr.
Miami, Florida 33149, USA
- Dr. Samuel Singer
Dept. of Biological Sciences
Western Illinois Univ.
Macomb, Ill. 61455, USA
- Dr. Albert C. Smith
Div. of Science U. Of Hawaii
Hilo Campus, P.O. Box 1357
Hilo, Hawaii 96720, USA
- Dr. Kenneth M. Smith
The Cell Res. Institute
Univ. of Texas
Austin, Texas 78712, USA
- Richard F. Smith
USDA Forest Service
1960 Addison Street
P.O. Box 245, Berkeley
Calif. 94701, USA
- Dr. R. S. Sohal
Dept. of Biology
Southern Methodist Univ.
Dallas, Texas 75222, USA
- Dr. Sardara S. Sohi
Insect Pathology Res. Institute
P.O. Box 490
Sault Ste. Marie, Ontario, Canada
- Dr. Hugh H. Somerville
Shell Research Ltd.
Borden Microbiological Lab.
Broad Oak Road
Sittingbourne, Kent, England
- Christopher R. Spilling
Insect Pathology Unit
Commonwealth Forestry Institute
South Parks Road, Oxford, England
- Dr. Clara M. Splittstoesser
Dept. of Entomology
N.Y. S. Exp. Station
Cornell University
Geneva, N.Y. 14456, USA
- Dr. Wolfgang Steche
7 Stuttgart-Hohenheim
Landesanstalt für Bienekunde
Emil-Wolff-Strasse 60
West Germany
- Dr. Alan F. Stiven
Dept. of Zoology
Univ. of North Carolina
Chapel Hill, N.C. 27514, USA
- Dr. Howard Stockdale
Shell Research Ltd.
Borden Microbiological Lab.
Broad Oak Road
Sittingbourne, Kent, England
- Dr. Donald B. Stoltz
The Cell Research Institute
Univ. of Texas
Austin, Texas 78712, USA
- Dr. S. J. Sullivan
Fordham Univ.
Bronx, New York 10458, USA
- Dr. Robert C. Summerfelt
Dept. of Zoology
Oklahoma State Uni.
Stillwater, Oklahoma 74074, USA
- Dr. Gerald R. Sutter
Northern Grain Insect Res. Lab.
Brookings, S.D. 57006, USA
- Benjamin H. Sweet
Dept. Medical Microbiology &
Cell, Gulf South Research Inst.
Box 36500
New Orleans, Louisiana 70124, USA
- Dr. Laszlo Szalay-Marzso
Res. Inst. for Plant Protection
T.T. Herman Otto UT 15
Budapest, Hungary
- Dr. Oscar E. Tauber
Zoology, Iowa State Univ.
Science Hall
Ames, Iowa 50010, USA
- Dr. Ronald L. Taylor
Natural Sciences Division
Calif. State College
5500 State College Parkway
San Bernardino, California, USA
- Robert E. Teakle
Entomology Lab.
Dept. of Primary Industries
Meirs Road, Indooroopilly, Brisbane
Queensland 4068, Australia
- Dr. Jean Theodorides
Laboratoire d'Evolution
Faculte des Sciences
105 Bd. Raspail
Paris 6E, France
- Jan A. Theunissen
Lab. of Entomology
Agricultural Univ.
Wageningen, The Netherlands
- Dr. Thomas W. Tinsley
Insect Pathology Unit
Commonwealth Forestry Inst.
South Parks Road, Oxford, England
- Ingrid K. Travis
Pest Infestation Lab.
Agricultural Research Council
London Road
Slough, Bucks, England
- Bruno Trumpi
Mikrobiologisches Institut
Universitätsstrasse 2
8006 Zürich, Switzerland
- Melle O. Tuzet
Laboratoire de Zoologie
Faculte des Sciences
Montpellier, France
- Dr. Greta E. Tysan
Dept. of Pathology
School of Medicine
Univ. of Washington
Seattle, Wash. 98105, USA
- Dr. Camille Tysset
Laboratoire de Recherches
63 Avenue des Aïenes
/06/ Nice, France
- Dr. John E. Ubelaker
Dept. of Biology
Southern Methodist Univ.
Dallas, Texas, USA
- Dr. Torgny Unestam
Inst. of Physiological Botany
Uppsala Univ., Box 256
751 05 Uppsala 1, Sweden
- Susumu Utsumi
Inst. of Path. & Microbiology
Kyoto Univ. of Industrial Arts
and Textile Fibers
Sakata-Machi, Kita-Ku, Kyoto, Japan
- Joseph R. Uzmann
Box 414
Boothbay Harbor, Maine 04538, USA
- Sheila E. Vahrman
Pest Infestation Lab.
London Road
Slough, Buckinghamshire, England
- L. P. S. van der Geest
Lab. of Applied Entomology
Linnaeusstraat 2b
Amsterdam, The Netherlands
- Dr. P. A. van der Laan
Lab. voor Toegepaste Entomologie
der Universiteit
Linnaeusstraat 2b
Amsterdam-/ Oost, The Netherlands
- James L. Vaughn
Insect Pathology Lab.
Entomology Bldg. A., ARC
Beltsville, Md. 20705, USA
- Dr. S. H. Vernick
Dept. of Life Sci. Study
Gen. Telephone & Elect. Lab. Inc.
208-20 Willets Point Blvd.
Bayside, New York 11360, USA
- Dr. Alain J. Vey
Stn de Recherches Cytopathologiques
30-Saint-Christol, France
- Evgenia Videnova
Plant Protection Institute
Sofia, Kostinbrod, Bulgaria
- Dr. Hernan Alcarz Vieco
Director Departamento Technica Agricola
Federacion Natl. Algodoneros
AP, Aero Bogota
Columbia, South America
- Susan Margaret Walker
102 Topland Drive
White Plains, New York 10605, USA
- Dr. Der-I Wang
22430 Ainsworth Dr.
Los Altos, Calif. 94022, USA
- Dr. Benjamin Ward
Institute of Marine Science
Univ. of Miami
1 Rickenbacker Causeway
Miami, Florida 33149, USA
- Ronald W. Warner
602 Placitas
Atherton, Calif. 94205, USA
- Han J. M. Wassink
Lab. of Applied Entomology
Univ. of Amsterdam
Linnaeusstraat 2b
Amsterdam-O, The Netherlands
- Dr. John M. Webster
Pestology Centre
Dept. of Biological Sciences
Simon Fraser Univ.
Burnaby, Vancouver, BC, Canada

- Dr. Earl H. Weidner
Rockefeller Univ.
New York, N.Y. 10021, USA
- Dr. Jaroslav Weiser
Lab. of Insect Pathology
Inst. of Entomology
Acad. of Sci., Flemingovo Nam 2
Praha 6, Czechoslovakia
- Dr. Richard Weissenberg
Alden Park "The Manor", Apt. 804c
Wissahickon and Chelton Avenues
Philadelphia, Penn. 19144, USA
- Dr. F. E. Wells
Midwest Research Institution
425 Volker Blvd.
Kansas City, Missouri, USA
- Dr. Howard C. Whisler
Dept. of Botany
Univ. of Washington
Seattle, Wash. 98105, USA
- Dr. Michael Wiles
Dept. of Biology
Saint Mary's Univ.
Halifax, Nova Scotia, Canada
- Jon L. Williams
Bee Breeding Inves. ARS, USDA
Rm. 240 Agriculture Centre
Louisiana State Univ.
Baton Rouge, Louisiana 70803, USA
- William Wills
USDA, Bee Culture Lab.
Laramie, Wyoming 82001, USA
- Dr. E. U. Wilson
Entomology Section
Imperial College Field Station
Ascot, Berkshire, England
- Corrine R. Wooldridge
810 E. Prospect Avenue
North Wales, Pa. 19454, USA
- Dr. David Wooldridge
810 E. Prospect Avenue
North Wales, Pa. 19454, USA
- Dr. James Elbert Wright
USDA, ARS, Ent. Res. Div.
P.O. Box G.E.
College Station
Texas 77840, USA
- Prof. Dr. Wolfgang Wueker
Biol. Inst. 1/Zoology/
Univ. of Freiburg/Bg.
78 Freiburg/Bg.
Germany
- Dr. William C. Yearian
Dept. of Entomology
Univ. of Arkansas
Fayetteville, Arkansas, USA
- Dr. William G. Yendol
Pesticide Res. Lab.
Dept. of Entomology
Pennsylvania State Univ.
Univ. Park Penn. 16801, USA
- Dr. Seth Young
Dept. of Entomology
Univ. of Arkansas
Fayetteville, Arkansas 72701, USA
- Dr. Russell Y. Zacharak
Biology Dept.
Univ. of Sask., Regina Campus
Regina, Saskatchewan, Canada
- Dr. Jack Ziffer
Director, Microbiological Div.
P-L Biochemicals, Inc.
1037 West McKinley
Milwaukee, Wisconsin 53205, USA
- Harold L. Zimmack
Biology Dept.
Ball St. Univ.
2000 University Avenue
Muncie, Indiana 47306, USA
- Dr. Richard Ziprin
Food Res. Lab.
Iowa State Univ.
216 Campus Avenue
Ames, Iowa 50010, USA
- Student Members
- Mr. James P. Amon
Virginia Inst. Marine Science
Gloucester Point
Virginia 23062, USA
- Mr. Roger D. Anderson
Dept. of Biology
Texas A & M Univ.
College Station, Texas 77843, USA
- Mr. C.H. Bailey
Dept. of Entomology
North Carolina State Univ.
Raleigh, N.C. 27607, USA
- Clayton C. Beegle
Dept. of Zoology & Entomology
Insectary Building
Iowa State Univ.
Ames, Iowa 50010, USA
- Mr. Marion R. Bell
USDA, ARS, ERD
Boll Weevil Res. Lab.
State College, Mississippi 39762, USA
- Mr. G.S. Benham
201 Weillman Hall
Div. of Entomology
Univ. of Calif.
Berkeley, Calif. 94720, USA
- Mr. Richard C. Berberet
4129 Holdrege, Apartment 2
Lincoln, Nebraska 68503, USA
- Mr. William M. Bode
Penn. State Univ.
Fruit Research Lab.
Arendtsville, Penns. 17303, USA
- Mr. Orwin P. Boening
Growth Sciences Center IMC
P.O. Box 192
Libertyville, Ill. 60048, USA
- Mr. Jerry Darsie
Dept. of Horticulture
West Virginia Univ.
Morgantown, W. Va. 26505, USA
- Elizabeth W. Davidson
Faculty of Entomology
Ohio State Univ.
1735 Neil Avenue
Columbus, Ohio 43210, USA
- Mr. Claude E. Delisle
Aquarium de Montreal
La Ronde, Ile Ste-Helene
Montreal 103, Quebec, Canada
- Mr. D.M. Desvoigne
Dept. of Civil Engineering
306 More Hall
Univ. of Washington
Seattle, Wash. 98116, USA
- Edward M. Dougherty
Insect Pathology Lab.
Entomology Bldg. A. ARC
Beltsville, Md. 20705, USA
- Mrs. S.H. Eschbacher
5924 Calle del Sud.
Phoenix, Arizona 85018, USA
- Mr. Charles R. George
Dept. of Ent. & Limnology
Comstock Hall, Cornell Univ.
Ithaca, New York 14850, USA
- Harry K. Kaya
Conn. Agr. Exp. Sta.
P.O. Box 1106
New Haven, Conn. 06504, USA
- Po-Yung Lai
Dept. of Ent., Univ. of Hawaii
2500 Dole Street
Honolulu, Hawaii 96822, USA
- Patricia L. Landers
Dept. of Entomology
East Campus, Univ. of Nebraska
Lincoln, Nebraska 68504, USA
- Mr. Jorge Leong
C/O Univ. of Calif.
Dept. of Biol. Control
Riverside, Calif. 92502, USA
- Mr. Dennis Merritt
2425 College Avenue
Berkeley, Calif. 94304, USA
- Satoru Miyazaki
Dept. of Entomology
Univ. of Manitoba
Winnipeg 19, Manitoba, Canada
- Mr. K. Narayanan
Fac. of Entomology
Agric. College
Colmbatore-India
Ent. ARS, USDA
- Mr. Michio Ohba
Inst. of Biol. Control
Fac. of Agric., Khushu Univ.
Fukuoka 812, Japan
- Zaheer Parvez
1105 F. 6th Street
Albany, Calif. 94710, USA
- Gilbert B. Pauley
Biology Dept., Battelle--Northwest Lab.
Richland, Wash. 99352, USA
- Pson Som Prantika
Dept. of Pathobiology
J. Hopkins Sch. of Hyg. & Pub. Health
Baltimore, Md. 21205, USA
- Mr. H.W. Ray
Box 894, Mississippi State Univ.
State College, Miss. 39762, USA
- Carol L. Reinisch
Dept. of Pathobiology
J. Hopkins Sch. of Hyg. & Pub. Health
Baltimore, Md. 21205, USA
- Mr. P.L. Sherlock
Dept. of Agric. Zoo.
Univ. of Newcastle upon Tyne
Newcastle upon Tyne, England NE 17 RN
- Mr. Richard K. Sprenkel
163 Nat. Res. Bldg., Univ. of Ill.
Urbana, Illinois 61801, USA
- Corinne M. Thomas
1621 Monroe Street
Madison, Wisconsin 53711, USA
- Mr. A.H. Undeen
912 S. Lynn Street
Urbana, Illinois 61801, USA
- Mr. George A. Valulis
Dept. of Zoology, Rutgers State Univ.
New Brunswick N.J. 08903, USA
- Jean Claude Veyrunes
Station de Recherches Cytopathologiques
30-Saint-Christol-les-Alès, France
- E. Vivier
Lab. de Biologie Animale,
Univ. des Sciences Techn. de Lille I
B.P. 36, 59-Villeneuve d'Ascq, France
- Thomas Jing-Ju Wang
Dept. of Ent., Fisheries & Wildlife
Univ. of Minnesota, St. Paul, Minn. 55101, USA
- Mr. William J. Wardle
P.O. Box 265, Texas A & M Univ.
College Station, Texas 77840, USA
- Dr. Rosalie Watkins
Dept. of Parasitology, Univ. of Sydney
Sydney, N.S.W., Australia 2006
- Mrs. Du P. Watkins
1087 W. California Ave.
Mill Valley, Calif. 94941, USA
- Herbert W. F. Yee
Dept. of Biology
Lehigh University
Bethlehem, Pennsylvania 18017, USA

AIBS SILVER ANNIVERSARY YEAR MEETING
University of Minnesota, Minneapolis
27 August-1 September 1972

ADVANCE REGISTRATION INFORMATION

AIBS will accept advance registration applications until 15 August. After 15 August there will be a late registration fee of \$10.00 for regular registrations and \$5.00 for student registrations. In order to expedite registration and greatly reduce the inconvenience of registration processing on arrival, you are urged to preregister. AIBS will print a preliminary program which will be mailed only to those who preregister for the Meeting. The final program will not be mailed, but will be distributed at the time of final registration at the University of Minnesota.

REGISTRATION FEES.

- \$20.00 Advance registrations received by mail on or before 15 August.
- \$30.00 Late registrations received after 15 August by mail or at the meeting.
- \$ 5.00 Graduate or undergraduate students who register in advance by mail on or before 15 August.
- \$10.00 Graduate or undergraduate students who register after 15 August by mail or at the meeting.
- \$ 5.00 Spouse accompanying a registrant, not planning to attend scientific sessions.

REGISTRATION ACKNOWLEDGMENTS

AIBS will acknowledge all advance registrations received prior to 15 August. These acknowledgments must be presented upon arrival at the Registration Center which will be located in the Coffman Memorial Union.

REFUNDS

AIBS will refund "prepaid" advance registration fees on all cancellations received in writing or by telegram prior to 15 August. NO REFUNDS WILL BE MADE AFTER THIS DATE.

UNIVERSITY HOUSING AND MEAL INFORMATION

Housing and meals are available in several of the University's residence halls under two different plans which are listed below. Lounges, recreation rooms, laundry facilities, and vending rooms are available in each of the residence halls and convenient bath facilities are located on each floor. A limited number of air-conditioned rooms are available, and will be assigned on a first-come, first-served basis. In order to assure yourself of residence hall accommodations, you are urged to preregister at an early date. Other conference groups and Minnesota State Fair visitors will also be requesting housing during late August.

PLAN I Pre-Conference Housing. Room only accommodations. Nights of 22, 23, 24, 25, and 26 August for persons participating in pre-meeting field trips or conferences.

Middlebrook Hall - air-conditioned. Limited number, assigned on a first-come, first-served basis.

Single Occupancy - \$8.10 per person per night, plus tax.

Double Occupancy - \$7.10 per person, per night, plus tax.

Comstock and Sanford Halls - not air-conditioned.

Single Occupancy - \$7.10 per person per night, plus tax.

Double or Triple Occupancy - \$6.10 per person per night, plus tax

The above rates include bed linens, soap, towels, and telephone on a restricted toll and are subject to state and local sales taxes.

During the pre-conference days, 22-26 August, meals will be available in Middlebrook Hall at the regular guest rate, and individual meal tickets may be purchased at Middlebrook. Neither Comstock nor Sanford will be serving meals during the pre-conference period. The food service in Coffman Memorial Union will be open during its normal hours, and vending machines are available in Middlebrook, Comstock, and Sanford Halls.

PLAN II. Conference Housing. Room accommodations and breakfast only. Housing available nights of 27, 28, 29, 30, and 31 August, and breakfast on 28, 29, 30, 31 August, and 1 September.

Middlebrook Hall - air-conditioned. Limited number, assigned on a first-come, first-served basis.

Single Occupancy - \$9.35 per person per night

Double Occupancy - \$8.35 per person per night

Comstock and Sanford Halls - not air-conditioned.

Single Occupancy - \$8.35 per person per night

Double or Triple Occupancy - \$7.35 per person per night.

The above rates include breakfast, bed linens, soap, towels, and telephone on a restricted toll.

Those who will be staying in Comstock Hall during the Meeting will be served breakfast in Coffman Memorial Union.

ASSIGNMENTS

Roommate requests will be honored only if individuals submit their advance housing applications at the same time to the University of Minnesota Housing Office.

OCCUPANCY

The residence halls do not have cribs or other special equipment for infants. Any person assigned a bed, which is the normal complement of the room, will be charged the rate as stated in both plans mentioned above. However, there will be no room charge for a child under 12 years of age if the parents provide their own crib or sleeping bag. Requests for children under 12 years of age to occupy the parents' room at no charge are limited to one request per family, and must be noted on the advance housing applications. Meals may be purchased separately for these children at the regular guest rate where available. There are a limited number of cots available for family use. Rates will be furnished upon request.

Early Arrivals.

Residence hall housing will be available on Tuesday, 22 August for persons participating in pre-meeting field trips or conferences. Due to the limited availability of single rooms, the University will assign these rooms on a first-come, first-served basis.

PAYMENT.

Prepayment of housing and meals will not be accepted. All charges will be collected at the residence hall check-in upon arrival.

There will be a minimum charge equivalent to two nights lodging.

REFUNDS

Refunds for housing will be granted only for reasons of illness or special emergencies.

Town and Country Campground
 Route 1, Box 13
 Savage, Minnesota 55378 Tel. AC 612-445-1756

For additional campsite information and information regarding the Hennepin County Park Reserve District camping facilities (Morris T. Baker Park Reserve, located on Hennepin County Road # 19, north of U.S. # 12 at Maple Plain, Minnesota, and the Carver Park Reserve, located on Carver County Road # 11, 1 1/2 miles north of Victoria, Minnesota on State Highway # 5), write the Minneapolis Chamber of Commerce, 15 South 5th Street, Minneapolis, Minnesota 55102. Tel. AC 612-339-8521, Ext. 30.

OFF-CAMPUS ACCOMMODATIONS

Requests for off-campus accommodations will be the responsibility of the individual participant. Requests for off-campus housing must be made through the AIBS Housing Bureau, Chamber of Commerce Building, 15 South 5th Street, Minneapolis, Minnesota 55402, by submitting the Off-Camping Housing Application. DO NOT WRITE DIRECTLY TO THE HOTELS OR MOTELS. DIRECT REQUESTS WILL NOT BE HONORED. The following hotels are holding blocks of rooms for AIBS participants.

	HOTELS AND RATES			2-Room	3-Room
	Single	Double	Twin	Suite	Suite
Curtis Hotel 3rd Ave. & 10th St.	\$13.00-20.00	\$16.00-22.50	\$18.00-31.00	\$30.00-55.00	-----
Pick-Nicollet Hotel Nicollet & Washington Aves	\$14.00-22.00	\$19.00-27.00	\$21.00-27.00	\$45.00-55.00	\$60.00- 85.00
Radisson Hotel 45 S. 7th St.	\$17.00-21.00	\$20.50-24.50	\$23.00-28.00	\$46.00-71.00	\$72.00- 73.00
Sheraton-Ritz Hotel 315 Nicollet Ave.	\$19.50-32.00	\$25.50-38.00	\$25.50-38.00	\$48.00-84.00	\$118.00

OFF-CAMPUS HOUSING REGISTRATION PROCEDURES

1. Refer to the list of Hotels and Rates in making housing selections
2. Complete (print or type) the attached Hotel Reservation Form and mail to: AIBS Housing Bureau, Chamber of Commerce Building, 15 South 5th Street, Minneapolis, Minnesota 55402.
3. If requested rate is unavailable, rooms at the next higher rate will be assigned.
4. Reservations void after 6 P.M. on date noted for arrival except when the Hotel has been notified that arrival will be later.
5. If you wish to cancel your room reservation, write to the AIBS Housing Bureau and Not to the hotel to which you were assigned.

ADVANCE UNIVERSITY HOUSING REGISTRATION PROCEDURES.

Registrants will receive notification of their residence hall assignment if the reservation request is received by 1 August 1972. Those who have pre-registered and received notification of their residence hall assignment should go directly to their assigned hall upon arrival in Minneapolis. The participants must submit their copy of the hall assignment in order to receive their room assignments and keys.

Those who have not received advance notification of their residence hall assignment, or who have not made any housing arrangements and who wish to stay in the residence halls, should report, upon arrival in Minneapolis, to the AIBS Registration Headquarters located in the Coffman Memorial Union on the Minneapolis campus.

In order to accommodate the greatest number of conference participants, the University cannot guarantee reservations after 6:00 p.m. on the indicated date of arrival. Please notify the residence hall if you plan to arrive after 6:00 p.m., and your room will be held for you. Those who have not received advance notification of their residence hall assignment, should notify the University of Minnesota Housing Office.

UNIVERSITY MEAL INFORMATION

All breakfasts will be served from 7:00-9:00 a.m. Those who will be staying in Comstock Hall during the Meeting will be served breakfast in Coffman Memorial Union. Other meals will be available on a cash basis as follows:

Saturday, 26 August-Coffman Union Vending 9:00 a.m. to 8:00 p.m. (no attendant)
Sunday, 27 August - Coffman Union Vending 7:30 a.m. to 10:00 p.m. (attendant)
Monday, Tuesday, Wednesday, and Thursday, 28, 29, 30, and 31 August
Coffman Union Cafeteria 7:00 a.m. to 4:00 p.m.
Coffman Union Grill 11:00 a.m. to 7:00 p.m.
Middlebrook Hall 11:30 a.m. to 1:30 p.m.
Coffman Union Vending whenever building is open.

Minneapolis also has a wide variety of eating establishments to suit every taste and budget, and several are near the residence halls Minneapolis campus.

CAMPUS PARKING

Since the residence halls do not have adequate parking facilities for participants, there will be no long term parking at any of the residence halls. Therefore, cars must be left in the parking ramps where parking permits will be available for \$1.50 per permit for the duration of the Meeting. Shuttle bus service will be available.

TRAILER AND CAMPSITE INFORMATION

Camping facilities in the Minneapolis-St. Paul metropolitan area are limited. Therefore, if you wish to be assured of a campsite, you are urged to make your reservation immediately. Other conference groups and Minnesota State Fair visitors will also be requesting space during late August.

Minneapolis Northwest I-94 KOA
Osseo-Rogers Area
P.O. Box 22499
Minneapolis, Minnesota 55422 Tel. AC 612-425-5811

BIOGRAPHIES.

FOR PRESIDENT

John D. Briggs, B.S., Ph.D. (Berkeley, Cal., 1956).

b. 1926. Professor of Insect Pathology, Ohio State University. Associate Entomologist, Illinois Natural History Society, Urbana, 1956-59; Head, Dept. of Entomology, International Minerals and Chemicals Corp. 1959-62; Professor of Insect Pathology, 1962-, Associate Dean, 1968, College of Biological Sciences, Ohio State Univ.; Director, International Reference Centre for Diagnosis of Diseases of Vectors, W.H.O. 1965-. Principal interests: comparative immunology, microbial control of insects, mass propagation of microorganisms for production of microbial insecticides. Member, Editorial Bd., J.I.P., 1969-; Vice President, S.I.P., 1970-72.

FOR VICE - PRESIDENT

Arthur M. Heimpel, B.A., M.A., Ph.D. (Queens Univ., Kingston).

b. 1923. Director, Insect Pathology Pioneering Res. Lab. USDA, Beltsville, Maryland, U.S.A., and Professor, Univ. of Maryland, Md., U.S.A. Res. Officer, Insect Pathology Res. Inst., Canadian Dept. of Forestry, 1948-61. Principal interest: general insect pathology, mode of action, and invasion of entomopathogenic microorganisms, particularly bacteria and viruses. Trustee, S.I.P., 1969-72.

Marenes R. Tripp, A.B., M.S., Ph.D. (Rutgers, 1958).

b. 1931. Professor of Biological Sciences, Dept. of Biological Sciences, Univ. of Delaware, 1960-. Principal interests: immunity in invertebrates cellular and humoral immunity of mollusks, and effects of pesticides on mollusks. Member, Divisions Comm., S.I.P., Editorial Board, J.I.P.

Jaroslav Weiser, Dr. Rer. Nat., D. Sc.

b. 1920. Head, Dept. of Insect Path., Entomology Institute, Academy of Sciences, Prague. Head, Parasitology Dept., Acad. Sci., Prague, 1951-54. Visiting Prof. S. Fraser Univ., Burnaby, B.C., Canada, 1969-70. Mosquito and malaria eradication, 1950-56. Principal interests: insect pathology, Protozoa, viruses, fungi; theoretical and applied biological control. Czechoslovakian State Award for Sciences, 1964. Member, Acad. Sciences, Gregor Mendel Medal, 1971.

FOR SECRETARY

Marion A. Brooks, B.A., M.Sc., Ph.D. (Minnesota, 1954).

b. 1917. Professor (1971-), Dept. of Entomology, Fisheries and Wildlife, Univ. of Minnesota; Assoc. Prof. (1963-71), Assist. Prof. (1959-63) Instructor (1956-59). Principal interests: symbiotic microorganisms as they affect nutrition and reproduction of insects; insect tissue culture; viral and microsporidian diseases of forest tent caterpillar. Programme Chairman, S.I.P., 1972. Member, Editorial Bd., J. Invert. Path., 1971-.

Wayne M. Brooks, B.S., Ph.D. (Berkeley, Cal.).

b. 1939. Associate Prof. (1971-) Assistant Prof. (1966-71), Dept. of Entomology, North Carolina State Univ. Principal interests: entomophilic protozoa, especially Microsporida, inflammation; host-parasite-pathogen relationships; general invertebrate pathology. Member - Division Committee, Organizational Committee for Div. of Microsporida, S.I.P.

Ann Cali, B.S., M.S. and Ph. D. (Ohio State Univ.).

b. 1943. Asst. Professor, Biol. Dept., and Pathobiology Inst., Lehigh Univ. Bethlehem, Penn. Post Doctoral Fellowship, Veterinary Path. Dept. Ohio State Univ. Principal interests: invertebrate pathology, Microsporida, Microsporidian transmission, comparative pathology in insects and vertebrates, Host-parasite interaction, tissue culture, electron microscopy, taxonomy and terminology, Molluscan haematology.

W. Fred Hink, B.S., Ph. D. (Ohio State Univ., 1966).

b. 1938. Assistant Professor, Dept. of Entomology, Ohio State Univ., 1968-. Res. Entomologist, Internat. Minerals and Chemical Corp., Wasco, Cal. and Libertyville, Ill., 1967-68. Principal interests: invertebrate tissue and organ culture, replication of viruses and protozoans in insect cells, immunity and insect pathology.

John D. Paschke, B.S., Ph. D. (Berkeley, Cal. 1958).

b. 1925. Professor, Dept. of Entomology, Purdue Univ., Ind., 1960-. Asst. Entomologist, Illinois State Natural History Survey, 1958-60. Member USPHS, NIH, NIAD, Tropical Medicine and Parasitology Study Session, 1968-72. Sigma Xi. Visiting Fellow, St. Cross College, Oxford University, 1968-69. Principal interests: insect virology, infectious processes, cytopathology, comparative pathology of viral infections, particularly iridescent viruses. MIV. Member Editorial Board., J.I.P. 1969-72. Founding Member, S.I.P.

Harold W. Rossmoore, B.S., M.S., Ph. D. (Univ. Michigan, 1954)

b. 1925. Professor, Dept. of Biol., Wayne State Univ. Detroit. Fulbright Lecturer, U. of Madrid, 1964-65. NSF Science Faculty Fellow, 1964-65. Official U.S. observer, 3rd. U.N. Conf. on Peaceful Uses of Atomic Energy. Editorial Bd, J.I.P. Founding member S.I.P.

FOR TREASURER

Sung Y. Feng, B.S., M.A. Ph. D. (Rutgers, 1962).

b. 1929. Associate Prof. of Biol. 1968-. Assist. Prof. 1966-68. Marine Research Laboratory and Ecology Section, Biol. Sciences Group, Univ. of Connecticut. Res. Assoc., 1962-66, N.J. Oyster Research Lab. and Dept. of Zoology, Rutgers Univ. Principal interests: Immunity and pathology of marine mollusks. Member, Nominating Committee, S.I.P. 1968, 1969; Member, Editorial Board J.I.P. 1970-72.

Gordon R. Stairs, B. Sc., M. Sc., Ph. D. (Mc Gill, 1963).

b. 1932. Professor, Dept. of Entomology, College of Biological Sciences, 1965-. Ohio State Univ. Res. Scientist, Insect Path. Inst., Sault Ste. Marie, Ont., 1958-65. Res. Scientist Forest Insect Lab., Sault Ste. Marie, Ont., 1954-58. Principal interests: population dynamics, histopathology, and epidemiology of insect viruses.

Y. Tanada, B.S., M.S. (Hawaii), Ph. D. (Berkeley, Cal. 1953).

b. 1917. Professor of Entomology and Insect Pathologist, Berkeley, 1965-. Chairman, Div. of Invertebrate Path., 1965. Assist., Assoc., and Full Insect Pathologist. 1956-1964; Assoc. Professor, Univ. of Hawaii, 1956. Principal interests: invertebrate pathology; epizootiology, resistance of insects to diseases, and viral diseases of invertebrate. Member, Editorial Bd. J.I.P., 1961-64 and 1970-.

FOR TRUSTEES

Keio Aizawa, Ph. D.

b. 1921. Professor of Insect Pathology, Institute of Biol. Control, Kyushu University, Fukuoka, Japan. Principal interests: insect virology and bacteriology, particularly pathogenesis of insect viruses and bacteria; insect immunity; microbial control. Trustee, S.I.P., 1970-72.

Max C. Bergoin, D. of Biol. (Marseilles, 1966).

b. 1939. Attaché de Recherches C.N.R.S. (1964-). Station de Recherches Cytopathologiques, 30-St. Christol-les-Alès. NIH Post Doctoral Fellow, Boyce Thompson Inst. for Plant Res., 1969 Principal interests: insect virology, particular entomopoxviruses and parvo viruses; *in vitro* studies of viral morphogenesis; dissemination of viruses by insects. Member, Invert. Virus Subcommittee, ICNV. Chairman programme Comm. S.I.P., 1971. Member Editorial Board, J.I.P.

Howard T. Dulmage, B.S., Ph. D. (Rutgers, 1951).

Research Microbiologist, Cotton Insect Branch, Entomology Res. Div., Brownsville, Texas. Director of Research, Nutrilite Products, Lakeview, Calif., 1962-67. Research Microbiologist, Abbott Laboratories, Chicago, 1950-62. Principal interests: applied insect pathology; endotoxins of *B. thuringiensis*, production, serotypes, and assay; application techniques of *B. thuringiensis* and viruses. Member, Membership Committee, S.I.P.; correspondent, Newsletter, S.I.P.

Pierre A. Grison, Ing. Hort. 1932, D. Sc. (Paris, 1956), Lauréat de l'Académie des Sciences et Agriculture (Prix Foulon '59, 71, Prix Vermorel, '54). b. 1912. Directeur, Stat. de Recherches de Zoologie et de Biocoenotique Forestière, Versailles, Professeur d'Ecologie, Faculté des Sciences, Paris, 1962-. Président Com. Sc. de Lutte Biol. 1966-. Secrétaire Général de O.I.I.B., 1956-'68. Principal interests: epizootiology of insects diseases, microbial control, especially B. thuringiensis and viruses.

Irvin M. Hall, B.S., Ph. D. (Berkeley, Cal., 1952).

b. 1921. Professor of Insect Pathology, Univ. of Cal., Riverside. Chairman 1967-69, Vice-Chairman, 1960-62, Dept. of Biol. Control. Fulbright Res. Fellow, New Zealand, 1963-64. Collaborator, USDA Potato Aphid Investigations, 1960-70. UN/South Pacific Commission Rhinoceros Beetle Control Project, 1968. Subproject Coordinator, Use of pathogens, I.B.P., 1970-. Principal interests: general insect pathology, epizootiology of infectious diseases, taxonomy of microbial entomophthoraceous fungi, diagnoses of entomogenous pathogens, mite diseases, and microbial control of pests. Founding Member, S.I.P.; Member, Editorial Board, J.I.P.

P.A. van der Laan, D. Sc. (Utrecht, 1934).

b. 1908. Dean, Faculty of Biology, 1971, Univ. of Amsterdam. Reader in Agricultural Entomology, Director, Lab. of Applied Entomology, Univ. of Amsterdam, 1956-. Entomologist, Deli Expt. Stat. Sumatra, 1936-46; Entomologist, Inst. of Tropics, Amsterdam, 1946-48; Head, Entomology Dept., Inst. of Plant Disease and Pests, Bogor, Java, 1948-51; Nematologist, 1951-56. Principal interests: influence of ethylen on auxin production in Avena; evaluation of rotenone; biology and control of tobacco pests; biol. control of rice and vegetable pests; biol. cont. of Heterodera; influence of DDT on white flies; use of B. thuringiensis; general insect pathology. Committee duties, S.I.P., 1968-70, Secretary, 1970-72.

Mauro E. Martignoni, B.S., Dr. rer. nat. (Zürich, 1956.)

b. 1926. Chief Microbiologist, Forestry Science Laboratory, and Professor, Dept. of Entomology, Corvallis, Oregon State Univ., Res. Fellow, 1951-52; Asst. Ins. Pathologist and Lecturer, 1956-63; Assoc. Prof. of Invert. Path., 1963-65, Univ. of Calif., Berkeley. Consultant: U.S. Pub. Health Ser.; U.S. Naval Med. U.; N.A.S.A.; F.A.O.; and I.B.P. Principal interests: viral diseases of insects, pathogenesis, tissue culture, and serology. Member, Editorial Board, J.I.P., 1964-7. Member, Organizing Committee, 1967; Trustee, 1967-70, SIP.

Wladimir A. Smirnoff, B. Sc., Ph. D., D. Sc. (Sorbonne 1957).

b. 1917. Scientist in Charge of Research, Invert. Path., Laurentian Forest Research Centre, Ste. Foy, Quebec, Canada. Scientist in charge of Res., Inst. of Subtropical Entomology, Morocco. Principal interests: viral disease of forest insects; ecology and utilization of entomophagous microorganisms as biological control agents.

Thomas W. Tinsley, B. Sc., M.A., Ph. D., F.I. Biol. Director, Natural Environment Research Council Unit of Invertebrate Virology, Commonwealth Forestry Institute, University of Oxford. Principal interests: invertebrate immunology, and mechanisms of resistance.

Ljubisa Vasiljević, B. Agr., Ph. D. (Belgrade, 1956).

b. 1923. Director, Inst. for Plant Protection Belgrade, 1964-. Res. Asst., Inst. of Plant Protection, 1950-52. Res. Fellow, Silkworm Res. Stat. Alés and Pasteur Inst., Paris, Official Yugoslavian delegate of EPPO, IOBC/SROP. Member, Editorial Bd. of "Plant Protection". Principal interests: general insect pathology, virus diseases, microbial control.