



newsletter

society for invertebrate pathology

Volume 20, Number 2
June 1988

SOCIETY FOR INVERTEBRATE PATHOLOGY

XXI ANNUAL MEETING

UNIVERSITY OF CALIFORNIA, SAN DIEGO
at LA JOLLA

The 1988 annual meeting of the Society of Invertebrate Pathology will take place on the La Jolla campus of the University of California, San Diego, from August 14-18. The Organizing Committee is pleased to report that over 130 papers have been scheduled for presentation at the meeting covering a wide variety of subjects dealing with invertebrate pathology and microbial control. A booklet containing the program and abstracts for the meeting is being sent to you with this Newsletter. If you plan to attend the meeting, please bring this booklet with you. Additional copies will be available at the meeting, but at a cost of \$5.00.

PRESENTATION OF PAPERS

Due to the large number of contributed papers submitted for presentation this year, and reluctance on the part of the Organizing Committee to schedule more than two sessions simultaneously, the time for presentation of a paper has been reduced from 15 to 12 minutes, with 10 minutes allowed for presentation, and 2 minutes for questions and discussion. However, with 1-1/2 hours for lunch, and 30-minute breaks in both the morning and afternoon sessions, the organizers have attempted to provide ample time for additional discussion and interaction among the colleagues in attendance.

REGISTRATION

If you have not yet registered, please do so at your earliest convenience. This will help the organizers considerably in making the housing arrangements as well as in planning the Mixer, Beach Barbeque, and Banquet. Should you need information regarding registration, please contact Brian A. Federici at (714) 787-5006.

Check-in for rooms and completion of registration will take place at Tenaya Hall of Muir College from 2:00 p.m. to 12:00 p.m. on Saturday, August 13, through Tuesday, August 16, 1988.

REFUND POLICY

The Societies will refund advance registration fees (less a \$5.00 handling fee) for all cancellations received in writing or by telegram on or prior to Monday, August 1, 1988. No refunds will be granted after this date. Refunds will be mailed from UC, Riverside, following the meeting.

ACCOMMODATIONS AND BOARD

Participants and their family members will be housed in student apartments on the La Jolla campus. The apartments are essentially townhouses and consist of 1 bedroom with 2 single beds (\$29/person/night), 2 rooms with a single bed each (\$36/night), a bathroom, dining area,

living room and kitchen. The family (up to 4 related people) rate for these townhouses is \$58/day.

With the exception of families, participants staying on campus are required to pay for breakfast and lunch (total = \$11/person/day). Meals will be served in a cafeteria close to the townhouses. Dinner is optional, and will be available at a cost of \$7.50. Please keep in mind that the fees for the Mixer (Sunday night), Beach Barbeque (Tuesday night), and Banquet (Wednesday night) are included in the registration fee.

Participants are welcome to arrive on Saturday, August 13, 1988, after 2 p.m. We have made this arrangement for those wishing to take advantage of lower airfares that require an overnight stay that includes at least one Saturday night.

Accommodations on campus will be in student apartments. The apartments are quite nice, but they are students' apartments.

Attendees desiring more luxurious accommodations can try the following local inns and hotels:

<u>Inn or Hotel</u>	<u>Single/Night</u>	<u>Telephone (619)</u>
The Village Inn	\$90-120	453-5500
The Summer House Inn	\$110	459-0261
Sea Lodge Hotel	\$140	459-8271
La Jolla Beach and Tennis Club	\$160	454-7126

WEATHER AND DRESS

During August, San Diego is almost always sunny and warm during the day, and thus casual summer dress is appropriate. Daytime temperatures average around 80°F. At night, the temperature can be quite cool because of the close proximity of the campus to the ocean, and participants should bring along a sweater or jacket. And don't forget a bathing suit.

SOCIAL ACTIVITIES

The meeting will include a Mixer (Sunday night), Beach Barbeque (Tuesday night), and Banquet (Wednesday night). For those interested in additional social activities, a list of bars, nightclubs, theaters, and churches in La Jolla will be provided in the registration packet.

ATHLETIC FACILITIES

Recreation cards are available (\$13.00 single, \$25.00 family/week) which entitle participants to use a variety of facilities including the swimming pool, tennis courts, squash courts, sauna, weight room, track, racquetball courts, volleyball and basketball courts, and exercise room.

The Ohio State University Press has released its remaining copies. The SIP paid for shipping them to Mrs. Steinhaus who has graciously offered to store them free and to fill mail orders. When sales exceed the break even point, the extra money will accrue to the SIP's treasury.

The book is a warm readable semihistorical semibiographical account of the international pioneering work and personalities in invertebrate pathology. This is a rare opportunity to acquire a classic treasure at a disposal price.

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SYMPOSIUM TO HONOUR PROFESSOR H.C. COPPEL.

To honour the retirement and many contributions to the field of biological control of Professor Harry C. Coppel, the University of Wisconsin Entomology Department is sponsoring a symposium entitled 'Current and Future Trends in Biological Control of Insects', to be held on the University Campus September 27-29, 1988. The agenda includes presentations by nationally recognized leaders in biological control, and a poster session for contributed papers.

The list of Symposium Sessions and Invited Speakers is as follows:

Session A: Classical Biological Control

- Dr. Harry C. Coppel
Dept of Entomology, University of Wisconsin
- Dr. Robert F. Luck
Dept of Entomology, University of California
- Dr. Donald R. Wallace
Great Lakes For. Centre, Sault Ste. Marie
- Dr. Ronald M. Weseloh
Dept of Entomology, Connecticut Agric. Exp. Sta.

Session B: Insect Pathogens and Entomogenous Nematodes in Biological Control

- Dr. Michael J. Adang
Agrigenetics Corp., Madison, WI
- Dr. Robert R. Granados
Boyce Thompson Institute, Ithaca, NY
- Dr. Janet A. Klein
Agrigenetics Corp., Madison, WI
- Dr. Joseph V. Maddox
Illinois Natural History Survey, Champaign
- Dr. George O. Poinar
Dept of Entomol. and Parasitol., Berkeley

Session C: Semiochemicals and Biological Control

- Dr. Richard L. Jones
Dept of Entomology, Univ of Minnesota
- Dr. W. Joe Lewis
USDA/ARS, Tifton, Georgia
- Dr. Daniel L. Mahr
Dept of Entomology, Univ of Wisconsin
- Dr. S. Bradleigh Vinson
Dept of Entomology, Texas A&M Univ

Session D: Future Directions of Biological Control

- Dr. Nancy E. Beckage
Dept of Entomology, Univ of Wisconsin
- Dr. Winston Brill
AgriCetus Corp., Madison, WI
- Dr. Marjorie Hoy
Dept of Entomology, Univ of California
- Dr. Michael R. Strand
Dept of Entomology, Univ of Wisconsin

For more information, contact: D.L. Mahr, Dept of Entomology, University of Wisconsin, Madison, WI 53706 (608-262-3228) or Nancy E. Beckage (608-263-7924).

NOTES FROM THE REGISTRY OF TUMORS IN LOWER ANIMALS

The Registry of Tumors in Lower Animals (RTLA) has started a project to prepare an atlas of the cases of invertebrate neoplasia and related disorders present in the Registry collections. This project will complement the atlas of neoplastic diseases of fishes being prepared by a team of collaborators from cases in the Registry and from other sources.

The RTLA is a cooperative project between the National Cancer Institute and the Smithsonian Institution to study tumors in invertebrate and poikilothermic vertebrate animals. Its primary mission is the collection, identification, and preservation of specimens with neoplasms or related disorders from natural habitats, zoos, aquaria, and laboratory experiments. Secondly, the Registry collaborates on experimental studies and surveys to help clarify the nature, incidence, and etiology of these diseases. Finally, the Registry analyzes, correlates, and disseminates information.

The Registry's collection currently has over 4000 accessions. The specimens were obtained globally, and include most of the major phyla. Approximately one-third of the cases are from invertebrates, and approximately one-half of all cases are neoplasms. Many cases represent published independent studies and were contributed by the investigators to be available for comparative study to diagnose and describe the condition are archived and retrievable. A complete library of reprints relating to neoplasms in invertebrate and lower vertebrate animals is maintained to help in these studies.

For the atlas to be as complete and as contemporary as possible, we are soliciting additional invertebrate specimens with presumptive neoplasms, as well as materials representing cases which have already been researched and published. The materials may be either whole or dissected parts of specimens, paraffin- or plastic-embedded tissues, or microslides (both stained and/or unstained). Materials will be further processed if necessary to produce microslides, a set of which will be returned to the contributor when possible along with an evaluation. Each case will be accessioned into the Registry collections and be available for study by other investigators.

If you have any questions or suggestions please do not hesitate to contact either Dr. Esther C. Peters or Dr. John C. Harshbarger, Director, at (202) 357-2647 or at the Registry of Tumors in Lower Animals, National Museum of Natural History, Smithsonian Institution, Washington, D. C. 20560.

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DR. SOPER TO COORDINATE USDA AGENCY'S
BIOLOGICAL CONTROL RESEARCH

Dr. Richard S. Soper has been named to coordinate biological control research for the U.S. Department of Agricultural Research Service.

Soper's appointment to the new position on the agency's National Program Staff at Beltsville, MD., was announced by Dr. Terry B. Kinney, Jr., agency administrator.

Kinney said the agency spent more than \$76 million in 1987 for research on the biological control of insects, weeds, pathogens and other pests of crops and farm animals. Biocontrol of pests includes using natural enemies such as predatory insects and fungi, utilizing biotechnology to build resistance into crops and animals, disrupting the life cycle of pests and other approaches. They offer alternatives to agricultural chemicals and safeguards for water quality.

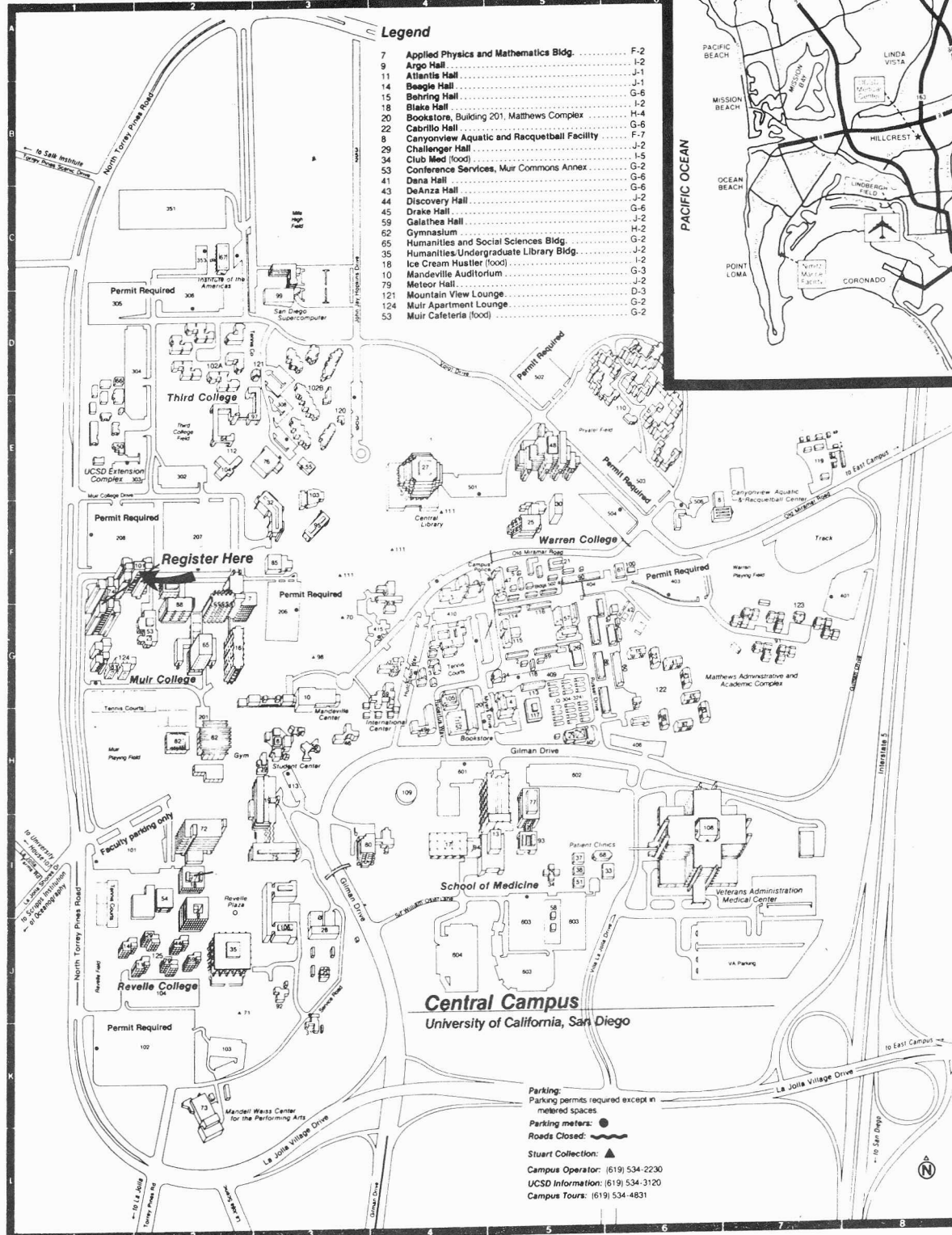
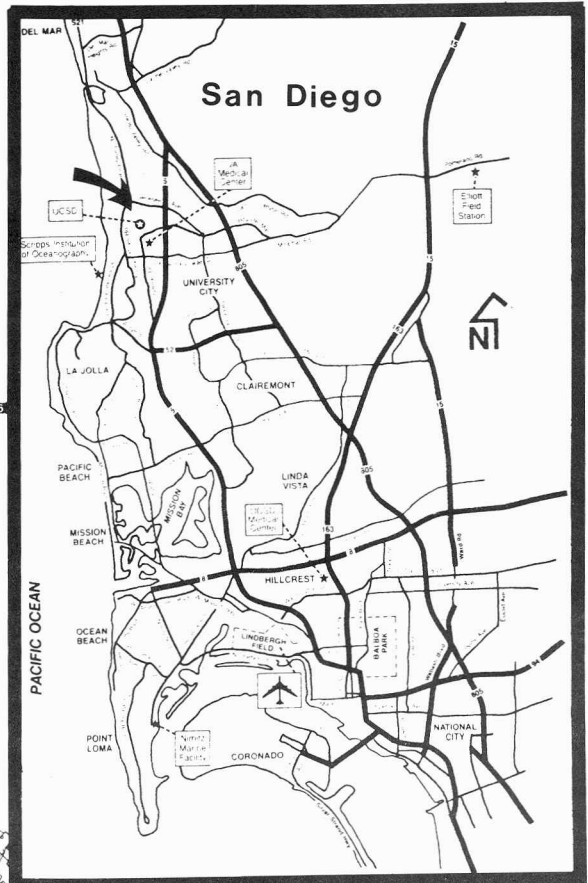
Soper previously had been research leader at the agency's Plant Protection Research laboratory in Ithaca, N.Y. He initiated studies to develop microbes as insect pest control agents, such as fungi from Japan to use

against Gypsy moths and grasshoppers.

He joined the Agricultural Research Service in 1874, coming from the University of Maine at Orono. He was research assistant professor in the University's Department of Entomology. Earlier, he spent nine years at the Insect Pathology Research Institute, Sault Ste. Marie, Ontario, Canada.

He earned a Ph.D in insect pathology from Cornell University. He has been the author or co-author of more than 70 publications.

Soper, a native of Orland, Maine, is a member of the Entomological Society of America and the Society for Invertebrate Pathology. He and his family live in Woodstock, Md.



See
you
in
SAN
DIEGO!

REGISTRATION FORM
 SOCIETY FOR INVERTEBRATE PATHOLOGY
 XXI ANNUAL MEETING
 University of California, San Diego
 at La Jolla

August 14-18, 1988

Please print or type

Name _____

Address _____

City _____ State _____ Zip _____

Phone number () _____

Registration Fee* - If paid by June 30, 1988

Regular members	-	\$50	\$ _____
Student members	-	\$40	_____
Non-members	-	\$60	_____
Companions	-	\$40	_____
Late Fee (after 6/30/88)	-	\$20	_____

*The registration fee includes the Mixer (Sunday night), Beach Barbeque (Tuesday night) and Banquet (Wednesday night).

Accommodations and Board

Conference participants will be housed in student apartments on the campus of the University of California, San Diego, at La Jolla. The apartments are like townhouses and consist of 1 bedroom with 2 single beds (\$29/ person/night), 2 rooms with a single bed each (\$36/person/night), a bathroom, dining area, living room and kitchen. The family (up to 4 related people) rate for these townhouses is \$58/day.

With the exception of families, participants staying on campus are required to pay for breakfast and lunch (total = \$11/person/day).

Please use the rates above in calculating the cost of your accommodation and board.

	Rate/ night		B/L	=		X	# nights ^{SS}	=	\$
Single room	\$36	+	\$11	=	\$47	X	_____	=	_____
Double room	\$29	+	\$11	=	\$40	X	_____	=	_____
Family (up to 4)	\$58	+	(\$11x#) ^S	=		X	_____	=	_____

^S optional

^{SS} Participants wishing to vacation in the San Diego area after the meeting are welcome to stay on in the townhouses at the same rates through Sunday morning, August 21. These arrangements can be made now or at the meeting.

Roommate/Townhouse Occupant Preference(s) _____
 Arrival date _____ Time _____ Mode _____

SUMMARY

Registration Fee	\$ _____
Accommodation & Board	_____
Total	_____
Less \$50 deposit	_____
Balance due at meeting	_____

Please return this form with your check made out to:
 "Regents, UC/SIP" as soon as possible, but no later than June 30, 1988, to:
 Ms. Pamela Hoatson
 Department of Entomology
 University of California
 Riverside, California 92521

INSTRUCTIONS TO AUTHORS

The Abstracts of the Annual Meeting of the Society for Invertebrate Pathology will be prepared by direct reproduction of the abstract submitted by each author. There will be no editing of the author's copy. Thus, every error which appears in the submitted abstract will also appear in the printed Abstracts. Please use the following procedure for the preparation of the abstract. If intended as a Poster presentation, please type "POSTER SESSION" at the bottom middle of the Abstract. In addition, for a Poster presentation, please bring 50 copies of your Abstract for distribution at the session.

If you are a student and wish your paper to be entered in the "BEST PAPER BY A STUDENT" contest (\$200.00 prize), please indicate this in a separate letter to accompany the abstract and type "STUDENT PAPER" at the bottom middle of the abstract. To be eligible for the prize, the paper must be presented by the student. The student need not be sole author, but must be senior author.

1. Use a typewriter, preferably electric with a carbon ribbon. If such a typewriter is unavailable, use a typewriter with as new a ribbon as possible.
2. Place the enclosed abstract template under a blank typing sheet and insert in the typewriter. The dark lines will show through the usual grades of typing paper.
3. Single space all typing. The title, authorship and text must be within the boxes as outlined on the template. Leave no top or left margin within the boxes. Type only within the space outlined in the template.
4. The Style Manual for Biological Journals, published by the American Institute of Biological Sciences, should be used as a guide to abbreviations and symbols. Proprietary and trade names must be accompanied, at first mention, by the established or generic names. When using abbreviations for compounds, the name must be spelled out in full at the first mention.
5. **REMEMBER!** Your abstract will be printed exactly as submitted. Any smudges, errors and misspellings on your copy will also be evident in the printed Abstracts.
6. Poorly typed and improperly prepared abstracts, unsuitable for direct reproduction, will not be printed. Because of the various deadlines there will be no time for returning the abstracts to authors for retyping. Therefore, please follow the instructions closely.
7. Send your abstract so as to reach the following address no later than April 30, 1988:

Ms. Pamela Hoatson,
Department of Entomology,
University of California,
Riverside,
California 92521, USA.
8. Enclose a self-addressed envelope with your abstract if you wish acknowledgment of the receipt of the abstract.