

# METALEPTEA

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A News Forum for Acridologists  
and Orthopterists  
PAN AMERICAN ACRIDOLOGICAL SOCIETY



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Washington, D. C. 20560 USA

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## MESSAGE FROM THE EDITOR

The Proceedings of the 3rd Triennial Meeting of the Pan American Acridological Society, Maracay, Venezuela, 5-10 July 1981 has been published and distributed to all current members. Work is progressing very well on the Proceedings of the 4th Triennial Meeting, and I anticipate its completion by the end of December. It should be published and distributed sometime in January or early February.

This issue of *Metalepthea* is concerned primarily with the events of the 4th Triennial Meeting in Saskatoon. I thought it was a very successful and enjoyable event for the Society, and I am amazed at the progress that has been and continues to be made in the growth and maturation of our Society. As Editor, I congratulate all the persons in Canada who helped to make the Meeting so successful.

I would like to devote the next issue of *Metalepthea* to the members themselves, by introducing a new format to the newsletter: *photographs*. I would like you to send me any black and white photograph of yourself or colleagues for an issue that will combine these photos into a montage of our membership. We already have many photos from the Saskatoon Meeting, but many members we would like to see were not there. The photos to be published in the next *Metalepthea* would allow us to get to know everyone better.

David A. Nickle  
Editor, PAAS

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PAN AMERICAN ACRIDOLOGICAL SOCIETY  
OFFICERS FOR 1985-1987

Vernon R. Vickery,  
*President*

Daniel Otte,  
*President-Elect*

Stanley K. Gangwere,  
*Executive Secretary*

John E. Henry,  
*Past President*

David A. Nickle,  
*Editor*

Theodore J. Cohn,  
*North American Representative*

Norma E. Sanchez,  
*South American Representative*

Nicholas D. Jago,  
*Representative at Large*

All corresponding Society business should be mailed to the Executive Secretary, Prof. S. K. Gangwere, Department of Biological Sciences, Wayne State University, Detroit, MI 48202, U. S. A.

**MEETINGS.** - Meetings of the Pan American Acridological Society are held on a triennial basis, in the United States, Latin America, or Canada, in rotation. Symposia, research papers, and business conducted at the Meetings are published in the *Proceedings of the Pan American Acridological Society*.

**MEMBERSHIP.** - Membership is open to anyone expressing an interest in Orthoptera. Annual dues for members are \$10 (U. S. currency) and for students \$5 (U. S. currency). Members are entitled to all publications available for the duration of their membership.

**PUBLICATIONS.** - The Society's publications include a newsletter, *Metaleptra*, which is published biannually, the *Proceedings of the Pan American Acridological Society*, which is published triennially in conjunction with the Meetings, and *Occasional Papers*, an irregularly published journal for medium to large sized papers dealing with research on any aspect of Orthoptera. For information regarding any of these publications, contact Dr. David A. Nickle, Editor, SEL, USDA, c/o National Museum of Natural History, Smithsonian Institution, NHB-168, Washington, D. C. 20560 U. S. A.

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MINUTES OF PAAS BOARD MEETING  
BOARD ROOM OF RESEARCH STATION, AGRICULTURE CANADA  
SASKATOON, SASKATCHEWAN, CANADA  
JULY 29, 1985

Presiding Officer: J. E. Henry.

Participating Officers: President Elect V. R. Vickery, Representatives T. J. Cohn (replacing H. C. Knutson), J. A. Onsager (replacing G. B. Mulkern), and N. E. Sanchez (replacing F. Cerda), Past President R. A. Ronderos, Executive Secretary S. K. Gangwere, Editor D. Nickle, and Host A. B. Ewen.

The Board Meeting of the 4th Triennial Meeting of the Pan American Acridological Society was called to order by President Henry at 9:00 am, whereupon the following took place.

President's Remarks

President Henry opened the meeting by introducing the three new (1981-1985 Term) Board Representatives necessitated by the death of Representative G. B. Mulkern and the absence, from Saskatoon, of Representatives Cerda and Knutson and then briefly discussed the status of PAAS. He concluded his remarks by requesting the following reports.

Host's Report

Host A. B. Ewen announced the attendance of 52 registrants (at last count) and explained the need for the change of meeting site from the University of Saskatchewan campus to the Park Town Motor Hotel. He noted that he had received, in Canadian dollars, approximately \$1,600 in donations from agrochemical firms, a conference grant of \$2,800 from the Natural Sciences and Engineering Research Council of Canada, and approximately \$2,080 in registration fees, which funds, together with various other monies, should result in a net profit of about \$2,000 (Canadian) after meeting expenses are liquidated. It was moved (Cohn), seconded (Vickery), and voted that this profit accrue to the society general accounts for use in partial subsidization of the 4th *Proceedings*.

Editor's Report & Publication Matters

Editor D. Nickle noted that he had published 8 numbers of *Metaleptea* in an updated format made possible by newly available technology. He now word processes the newsletter and xeroxes it in Washington using USDA facilities and has it mailed from the Secretariat in Detroit using WSU facilities. Nickle's greatest problem with respect to preparation of *Metaleptea* continues to lie in the lack of membership cooperation (failure to send articles, suggestions, news notes, etc.). Nickle then turned to the *Occasional Papers*, a test run of which was printed not by his office but in Bozeman. He asked for decisions to be

made on its future. Finally, he mentioned the *3rd Proceedings* and the difficulty he had experienced in getting members to submit their articles, which occasioned an unseemly delay in publication. He had with him a copy of the book just received from the printer, Edwards Bros., Ann Arbor, Michigan, and to be mailed from the Secretariat within a few weeks. The possibility of hiring a part-time typist to help Nickle with his onerous duties was discussed but left open for Secretary Gangwere and him to explore relative to PAAS budgetary considerations.

In light of Editor Nickle's report, President Henry opened a discussion of the PAAS publications. He mentioned that he had seized upon availability of an M. P. Peneer manuscript to use as a test run of the envisioned *Occasional Paper Series*. The publication itself proved excellent, but unfortunately the work did not generate the expected, needed income. A motion to continue the *Occasional Papers* was offered (Cohn), seconded (Gangwere), but defeated. Therefore, the series is to be discontinued for the time being.

The Board turned to discussion of a possible journal to be printed in Argentina where publication costs promise to be minimal. Past President Ronderos, noting the urgent need to replace *Acrida*, mentioned that he could provide such a series at a cost of less than \$10 (US) per page based on a total of 500 copies to be released four times per year. It was suggested that the languages of publication should include French, Spanish, English, and perhaps German; that the services of co-editors fluent in those languages would be required; and that PAAS dues would have to be increased to cover the additional costs to the society. The Board tabled action on the matter until the afternoon session to which Dr. F. O. Albrecht, the former editor of *Acrida*, had been invited.

### Secretary's Report

Executive Secretary S. K. Gangwere read his financial report (details provided elsewhere) showing the society to be in the black as of year's end, December 31, 1984, and also as of the present, July 29, 1985. It was moved (Cohn), seconded (Vickery), and the motion was adopted that the financial report be accepted. The next item was membership. Gangwere noted that membership levels of PAAS are not rising, as hoped, but are staying constant at about 150 members from 25-26 countries (especially the United States, Canada, and Argentina). Moreover, membership numbers are actually falling in Latin America overall, owing largely to international financial pressures. This disappointing news is despite Gangwere's membership solicitation of 547 non-member orthopterists from throughout the world and his repeated attempts to get delinquent members dropped from the rolls back into active membership. He recommended waiving the unpaid dues of delinquent members upon their payment of current dues. Gangwere then turned to the proposed PAAS 3rd Advanced Training Program in Acridology-Orthopterology. He noted that he had received applications from: a total of 11 highly qualified orthopterists and that a total of

\$17,715 (US) in-kind funds had been committed to the program by the PAAS membership. Unfortunately, the \$24,000 travel funds needed to implement this important program had not been granted by the agencies to which PAAS had applied, so the project had to be canceled. Gangwere concluded his report by giving the results of the election of officers for the 1985-1989 Term (details provided at the Business Meeting). It was moved (Cohn), seconded (Vickery), and voted that the Secretary's overall report be adopted.

#### Constitution & By Laws

President Henry brought to the Board's attention Secretary Gangwere's memoranda of May 28th and July 16th, 1985, relative to needed changes in the Society's Constitution and By Laws. Henry decided against appointment of a committee to take action on these recommendations but asked that the Board as a whole consider them, which was done. The Board's recommendations were to be brought to the attention of the Business Meeting for a possible later mail ballot to the entire membership.

#### Resolutions

President Henry appointed (with Board permission) Representative Cohn as a committee of one to draft meeting resolutions for presentation at the Business Meeting.

#### President Elect's Remarks

President Elect V. R. Vickery commented briefly on the planned agenda of his incoming administration, noted his reappointment of Secretary Gangwere and Editor Nickle, and indicated his intention to appoint a Site Selection Committee for the next (1989?) meeting. Composition of that committee is to be determined by the identity of the countries and institutions that petition PAAS for consideration as meeting site. It was noted that, inasmuch as PAAS is now global, it can legally solicit and accept invitations from orthopterists anywhere in the world. Accordingly, the Society could meet, for example, in Europe or Asia and not just in North or South America.

Following the above, President Henry called for a luncheon adjournment at 12:30 pm and then reconvened the meeting at 2:00 pm. All individuals mentioned earlier were present, along with one additional person, guest F. O. Albrecht.

#### Siena Conference Announcement

Executive Secretary Gangwere announced the symposium "Phylogeny and Evolution of Orthopteroidea," to be held at Siena, Italy, during January 15-18, 1986, under the direction of Organizer Prof. B. Baccetti (details provided separately). The Board discussed this

conference, noting with pleasure that PAAS members Gangwere, Otte, Kevan, and Jago have been appointed to the organizing committee. The Board entertained Prof. Baccetti's wish that there should be, on that occasion, an examination of PAAS' present role and future program directions it should take to better serve its discipline, orthopterology. The Board decided that actions taken during the present consideration of the PAAS Constitution and By Laws should provide the Society with a suitable posture for the Siena conference. Gangwere and Otte were empowered to speak for PAAS at the conference. No vote was taken.

#### Albrecht Report Relative to a Possible PAAS Journal

President Henry introduced a distinguished guest, Dr. F. O. Albrecht, president of the now-defunct Association d'Acridologie, of Paris, France, and former editor of the association's journal *Acrida*. Albrecht noted his delight that PAAS has addressed the orthopterological void created by the demise of his organization and cited the world's need for a first-rate research journal in the discipline. He felt that our potential audience consists of about 500-600 orthopterists throughout the world and of possibly another 2,000 scientists who might read the envisioned journal. He advised of the need for quality production of peer-reviewed articles released on a regular calendar basis, never delayed in mailing. The Board considered Albrecht's advice, and it was moved (Gangwere), seconded (Ronderos), and decided unanimously that the matter be brought before the Business Meeting for disposition.

Finally, it was moved (Gangwere), seconded (Vickery), and voted that all reports not already endorsed be accepted as presented. The meeting was adjourned at 4:20 pm.

Respectfully submitted,

S. K. Gangwere,  
Executive Secretary



MINUTES OF PAAS BUSINESS MEETING  
BOARD ROOM OF RESEARCH STATION, AGRICULTURE CANADA  
SASKATOON, SASKATCHEWAN, CANADA  
AUGUST 1, 1985

Presiding Officer: J. E. Henry.

Participating Members: F. O. Albrecht, G. L. Baker, L. Braun, M. M. Cigliano, T. J. Cohn, M. A. Erlandson, A. B. Ewen, S. K. Gangwere, C. Gillott, J. L. Harris, J. R. Hilliard, C. Hsiung, D. M. Hunter, X. B. Jin, A. Joern, D. L. Johnson, W. P. Kemp, D. K. McE. Kevan, C. E. Lange, S. Marcandier, A. Mesa, M. K. Mukerji, D. Nickle, J. A. Onsager, D. Otte, M. P. Peneer, R. L. Randell, P. W. Riegert, R. A. Ronderos, N. E. Sanchez, V. R. Vickery, R. B. Willey.

The Business Meeting of the 4th Triennial Meeting of the Pan American Acridological Society was called to order by President Henry at 2:00 pm. He briefly discussed the current status of PAAS before turning to the following committee reports and other business.

Editor's Report

(This report, by Editor D. Nickle, is essentially that given earlier at the Board Meeting, to the minutes of which the reader is referred).

Secretary's Report

(This report, by Executive Secretary S. K. Gangwere, is essentially that given earlier at the Board Meeting, to the minutes of which the reader is referred).

A Possible Society Journal

President Henry opened discussion of the possibility that PAAS institute an orthopterological journal to replace *Acrida*. The pros and cons of the Board's discussion of this matter were reviewed (for details see Minutes of the Board Meeting), and Dr. F. O. Albrecht, former editor of *Acrida*, gave additional comments. It was moved (Ewen), seconded (Randell), and carried that incoming President Vickery be instructed to name an exploratory committee to look into the feasibility of a PAAS journal and report back to the membership at a later time. The possibility that such a journal, if instituted, could avail itself of the existing name *Acrida* was discussed. Albrecht indicated this option might be favorably considered by his board providing the name is designated *new series* or is modified in some other appropriate way so as to avoid confusion between the two journals. It was moved (Willey), seconded (Riegert), and voted upon favorably that incoming President Vickery be instructed to prepare a letter asking Dr. Albrecht to petition his board to allow use of the name *Acrida*, appropriately modified.



### Change of Society Name

President Henry led a discussion of possible names for the Society needed in view of its expanded global status. Four names suggested by the Board were mentioned, and three additional names were proposed from the floor. It was moved (Onsager), seconded (Vickery), and agreed that the name *Orthopterists' Society* be put to the membership for their consideration. If approved by the requested mail ballot, the Society would thereafter be known as such and the name *Pan American Acridological Society* would be dropped.

### Constitution & By Laws

A committee to review the existing Constitution and By Laws is to be announced by President Elect Vickery for his incoming administration. However, in light of the need to take immediate action on certain articles and sections of those documents, the Board's several recommendations were brought to the attention of those in attendance at the Business Meeting. It was moved (Nickle), seconded (Ronderos), and approved that Secretary Gangwere put the projected changes on a ballot to be mailed to the membership with the next released issue of *Metaleptea*.

### Resolutions

T. J. Cohn, Resolutions Committee, read the following:

"The membership of the Pan American Acridological Society wishes to express deep gratitude to A. B. Ewen and his conference committee members C. Gillott, M. Mukerji, M. Erlandson, L. Braun, M. Braun, R. Randell, C. Hinks, and O. Olfert for the efficient organization and smooth functioning of the 4th Triennial Meeting, which efforts have assuredly contributed to the success of the meeting in stimulating exchange of ideas and development of personal contacts and friendships among orthopterists."

"The Society especially thanks the Saskatoon Research Station of Agriculture Canada and the Department of Biology of the University of Saskatchewan for their logistical and administrative support."

"The Society also wishes to express its appreciation to the Park Town Hotel for providing comfortable accommodations and well-equipped meeting room on short notice and to the following other organizations for their assistance and support:

Bank of Nova Scotia  
Chemagro Ltd.

Chipman Inc.

CIBA-GEIGY Canada

Hoechst Canada Ltd.  
Natural Sciences &  
Engineering

Research Council of  
Canada

Peacock Industries Inc.

City of Saskatoon  
Cyanamid Canada Inc.

DuPont Canada  
Elanco, Division Eli Lilly  
Canada Inc.  
Fisher Scientific Co., Inc.

Saskatchewan Wheat Pool  
Union Carbide Agricultural  
Products  
(Canada) Ltd."

"The Executive Secretary is instructed to transmit copies of this resolution to all of the above."

It was moved (Riegert), seconded (Joern), and approved unanimously that the resolution be adopted.

Cohn then read a second resolution, as follows:

"The Pan American Acridological Society recognizes the preeminence of the Lyman Entomological Museum and appreciates the long-term support, continuing to this day, by McGill University that made this status possible. The Society notes that Lyman's insect collections, supporting facilities including library, and publications have grown immensely under the wise direction of Drs. D. K. McE. Kevan and V. R. Vickery and today rank among the five most important collections of orthopteroid insects in the world. As such, they are a truly unique resource in Canada."

"The Society wishes to express its concern over the future of these collections upon the imminent retirement of the present Director (Kevan) and Curator (Vickery) and urges McGill to continue its generous support of this outstanding international scientific resource so as to maintain the high standards of its research, curation, and facilities."

"The Executive Secretary is instructed to transmit copies of this resolution to authorities of McGill University."

The motion to accept the resolution was made (Willey), seconded (Johnson), and approved, again unanimously.

#### Honorary Memberships

Drs. P. T. Haskell, of University College, Cardiff, Wales, and F. O. Albrecht, of the Laboratoire d'Evolution des Etres Organises, of Paris, France, were presented to the membership in attendance at Saskatoon for final consideration for Honorary Membership in PAAS. This status may be conferred on truly outstanding individuals who have rendered long and distinguished service to the discipline. Dr. Haskell was nominated by the 1981-1985 Board of Governors for his leadership role in the former Anti-Locust Research Centre and Centre for Overseas Pest Research, of London, England, and Dr. Albrecht for his role in the Association d'Acridologie, of Paris, France. It was moved (Willey),

seconded (Johnson), and approved unanimously that these truly distinguished acridologists be accorded the honor to which they had been nominated. President Henry made welcoming remarks to Dr. Albrecht, who responded graciously. (Dr. Haskell was not present but will be notified by mail). Executive Secretary Gangwere was directed to prepare and send to each the formal scroll signifying the high honor given.

#### Assumption of Office

At this point, President Henry introduced the new President of the Society, V. R. Vickery, who, with appropriate remarks, assumed office. President Vickery announced the following individuals elected with him:

President Elect D. Otte  
 North American Representative T. J. Cohn  
 South American Representative N. E. Sanchez  
 Representative at Large N. D. Jago

These elective officers, together with (now) Past President Henry, Executive Secretary S. K. Gangwere, and Editor D. Nickle (Ex Officio), constitute the 1985-1989 Board of Governors.

President Vickery also announced the following slate of appointive officers approved by the Board of Governors:

Executive Secretary S. K. Gangwere  
 Editor and Publications Committee Chairman D. Nickle  
 Elections Committee M. Tyrkus  
 Audit Committee Chairman I. J. Cantrall  
 Regional Representative Nominating Committee Chairman T. J. Cohn  
 Resolutions & Amendments Committee Chairman (Vth Meeting) P. W. Riegert  
 Training Program Committee Chairman A. Joern  
 Other committee chairmanships: to be announced

President Vickery adjourned the meeting at 3:40 pm.

Respectfully submitted,  
 S. K. Gangwere  
 Executive Secretary

## NEW MEMBERS

New members as of April 20, 1985:\*

Mr. Graeme L. Baker\* e  
 Department of Agriculture  
 P. M. B. No. 10  
 Rydalmere, NSW 2116  
 AUSTRALIA

Lic. Pablo C. Colombo\* s  
 De la Torre 944  
 Zarate 2800  
 Buenos Aires  
 ARGENTINA

Division of Plant Industry\* e  
 Library  
 P. O. Box 1269  
 Gainesville, FL 32602  
 USA

Dr. J. C. Hartley\* e  
 Department of Zoology  
 University of Nottingham  
 University Park, Nottingham NG7 2RD  
 ENGLAND

Dr. Kurt Harz\* e  
 Ensee 44  
 D-8801  
 Steinsfeld  
 WEST GERMANY

Ms. Karen A. Jepson\*\* e  
 1303 Alpine  
 #16A  
 Boulder, CO 80302  
 USA

Dr. William P. Kemp\* e  
 Rangeland Insect Laboratory  
 USDA-ARS  
 Bozeman, MT 59715  
 USA

Mr. Charles M. MacVean\*\* e  
 Department of Entomology  
 Colorado State University  
 Fort Collins, CO 80523  
 USA

Mr. Keith L. Partain\* e  
1851 S. 106 E. Pl.  
Tulsa, OK 74128  
USA

Plant Industry Branch\* e  
Room 133  
3085 Albert Street  
Regina, Saskatoon, S4S 0B1  
CANADA

Dr. John D. Sponer\* e  
Division of Natural Sciences  
University of South Carolina  
at Aiken  
Aiken, SC 29801  
USA

New members as of July 18, 1985:

Dr. R. Bruce Nicklas\* e  
Department of Zoology  
Duke University  
Durham, NC 27706  
USA

New members as of August 6, 1985:

Mr. Michael J. Bidochka\*\* e  
2921 Rae Street  
Regina  
Saskatchewan  
CANADA

Maria M. Cigliano\*\* s  
USDA Rangeland Insect Laboratory  
c/o Montana State University  
Bozeman, MT 59717  
USA

Dr. Martin A. Erlandson\* e  
Research Branch, Agriculture Canada  
107 Science Crescent  
University of Saskatchewan  
Saskatoon, Sask. S7N 0X2,  
CANADA

Dr. David M. Hunter\* e  
Australian Plague Locust Commission  
Department of Primary Industry  
Canberra, ACT 2600  
AUSTRALIA

Ms. Xing Bao Jin\* e  
Lyman Ent. Museum & Research Lab.  
Macdonald Campus, McGill University  
2111 Lakeshore Rd.,  
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CANADA

Dr. George Khachatourians\* e  
College of Agriculture  
University of Saskatchewan  
Saskatoon, Sask. S7N 0W0  
CANADA

Mr. Carlos E. Lange\*\* s  
USDA Rangeland Insect Laboratory  
c/o Montana State University  
Bozeman, MT 59717  
USA

Dr. Sylvie Marcandier\* e  
Dept. Applied Microbiology & Food Sci.  
University of Saskatchewan  
Saskatoon, Sask. S7N 0W0  
CANADA

Dr. R. L. Randell\* e  
G. P. Building  
University of Saskatchewan  
Saskatoon, Sask. S7N 0W0  
CANADA

New members as of August 13, 1985:

Dr. P. T. Haskell\*\*\* e  
Zoology Department  
University College, P. O. Box 78  
Cardiff CF1, Wales  
UNITED KINGDOM

Dr. Nancy J. Huntly\* e  
Dept. EBB, Univ. Minnesota  
318 Church Street, SE  
Minneapolis 55455, MN  
USA

Dr. John E. Ohabuiké\* e  
OICMA  
P. P. 136  
Bamako  
REPUBLIC OF MALI

Mr. A. Wayde Squires\* e  
BASF Canada Inc.  
P. O. Box 7590  
Saskatoon  
Saskatchewan S7K 4R4  
CANADA



## CHANGES OF ADDRESS

Changes of Address as of April 15, 1985:

British Museum (Nat. History)\* e  
Acquisitions Section (DLS)  
Cromwell Road  
London SW7 5BD  
ENGLAND

Dr. N. L. Anderson\*\*\*\*\* e  
3310 Sundance Drive  
Bozeman, MT 59715  
USA

Sr. Luz C. Calderon\* s  
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Mexico 04500 D. F.  
MEXICO

Dr. Darryl Gwynne\* e  
Zoology Department  
University of Western Australia  
Nedlands, WA 6009  
AUSTRALIA

Dr. D. L. Johnson\* e  
Agriculture Canada  
Research Station  
Lethbridge, Alberta T1J 4B1  
CANADA

Dr. A. C. Lewis\* e  
P. O. Box 1543  
Boulder, CO 80306  
USA

Sr. Dn. E. Morales Agacino\*\*\*\*\* s  
Sagasta 30, 7<sup>o</sup>  
Madrid  
28004  
SPAIN

Dr. Saralee Visscher\* e  
Department of Entomology  
Montana State University  
Bozeman, MT 59717  
USA

Assoc. Prof. Chen Yong-lin  
Dept. Insect Ecology, Inst. Zoology  
Academia Sinica  
7 Zhongguancun Lu, Haitien  
Beijing,  
CHINA

Changes of address as of June 27, 1985:

Dr. Anthony Dajnowicz\*\* e  
7361 Auburn  
Detroit  
MI 48228  
USA

Dr. Sherilyn G. F. Smith\* e  
Department of Biology  
Skidmore College  
Saratoga Springs  
NY 12866  
USA

Mr. David W. Tonkyn\*\* e  
Department of Ecology  
University of Minnesota  
318 Church Street, S. E.  
Minneapolis, MN 55455  
USA

Change of address, July 22, 1985:

Dr. Yong-lin Chen\* e  
Dept. Insect Ecology, Inst. Zoology  
Academia Sinica  
7 Zhongguancun Lu, Haitien  
Beijing,  
CHINA

Dr. Hong-chang Li\* e  
Institute of Zoology  
Academia Sinica  
7 Zhongguancun Lu, Haitien  
Beijing,  
CHINA

## NEWS NOTES

*Eugenio Morales Agacino*, Chief (Retired), Departamento de Proteccion Vegetal, Instituto Nacional de Investigaciones Agrarias (INIA), Madrid, Spain, was recently honored by election to the Academie d'Agriculture de France, of Paris, France. He will serve as a foreign member of the section "Sciences de la terre et sciences biologique" of that prestigious scientific organization.

*K. D. McE. Kevan* is currently involved in research on the Orthopteroids of Micronesia and with the small predatory katydids of the genus *Phisis* and relatives.

*Charles N. Lietzau* completed the public defense of his doctoral dissertation entitled "The bases of food selection in the Eastern Lubber Grasshopper, *Romalea guttata* (Houttuyn) (Orthoptera: Acrididae) and received the Ph. D. degree from the Department of Biological Sciences, Wayne State University, during the Fall, 1984, commencement exercises. His advisor was S. K. Gangwere.

**\*\*\*ANNOUNCEMENT\*\*\***

**SYMPOSIUM ENTITLED:  
Phylogeny and Evolution of Orthopteroidea**

**To be held at Collegio "M. Bracchi," Pontignano  
Universita di Siena, Siena, Italy  
15-18 January, 1986**

International Organizing Committee: B. Baccetti (Siena, Italy), S.K. Gangwere (Detroit, USA), N. Jago (London, England), L. La Greca (Catania, Italy), D.K. McE. Kevan (Ste. Anne de Bellevue, Canada), D. Otte (Philadelphia, USA), D. Ragge (London, England).

The Italian Orthopterists take pleasure in announcing this symposium honoring their distinguished colleague Dr. Felice Capra on the occasion of his 90th birthday. The program is to deal broadly with Orthoptera, Blattodea, Dermaptera, Mantodea, Phasmatodea, and Grylloblattodea under the following tentative headings: "Evolution of the Orthopteroid Orders, New Approaches to Orthopteroid Taxonomy, Revision of Critical Taxa, and Orthopteroidea and Biogeography." There will also be formal discussion of the Pan American Acridological Society and program directions it should take to better serve its discipline, Orthopterology, as it undertakes its planned expansion to full worldwide status. Program details are to be announced upon receipt of titles and suggestions from participants. The committee hopes to provide living expenses for about 80 scientists during the duration of their stay in Siena and may also award a few partial travel grants.

For further information and application materials, kindly apply to: Prof. Baccio Baccetti, Director, Istituto di Zoologia, Universita di Siena, Via Mattioli, 4-53100, Siena, Italy, tel. 284.173.

## NOTICE

Members who would like additional copies of past PAAS publications (*Metaleptea*, *Proceedings*, *Occasional Papers*) and especially new members (who receive current publications but not past ones) are reminded that a small supply of virtually all volumes and numbers is available at the Secretariat. Prices (in US dollars) are as follows: *Metaleptea* \$1.50 per number or \$3.00 per volume; *Proceedings* \$7.00 per volume; and *Occasional Papers* \$2.00 + \$.10 per page in excess of 20 pages. Please advise of the volume and number desired and send remittance to: Prof. S. K. Gangwere, Executive Secretary PAAS, c/o Department of Biological Sciences, Wayne State University, Detroit, Michigan 48202, USA. Orders may also be placed by invoice; simply ask Prof. Gangwere to bill you.

July, 1985

To interested Orthopterists:

I request your assistance in obtaining live individuals of Jerusalem crickets (*Stenopelmatus*, *Amopelmatus*) for revisionary work started on this group three years ago.

Some 10 taxa in the above 2 genera are recognized in the United States, the majority residing in California. There are many more names in the literature, though. The group lacks distinguishing genitalia, and was labeled the most systematically difficult Orthoptera group in North America by Hebard in his 1916 revision.

In California coastal and foothill areas, the group is generally common and easy to collect. That is not the case in mountains and sandy areas of California, or anywhere outside of California. That is why I solicit your help. By combining morphological, ecological, and acoustical characters in this group, I have had success in separating species and have uncovered many cryptic taxa.

I am interested in receiving *live* Jerusalem crickets - any sex, any instar, as many individuals as possible, for at least the next 5 years. They are best obtained during the day by turning rocks or logs on gentle slopes, especially if the ground is damp; or by sifting sand under and around plants during the cooler months of the year. At night individuals typically walk around on the surface and are attracted to oatmeal trails and will fall into pit fall traps.

After capture, individuals should be kept separate (they eat each other) in containers with enough dirt or sand to permit them to completely cover themselves. The substrate can be kept slightly moist, and the container out of the sun. They can be fed apples, potatoes, romaine lettuce (less pesticides than head), oatmeal, dogfood, etc.

They ship well (separately) in mailing tubes: fill tube 7/8 with slightly moist dirt or sand, put in cricket, then good sized piece of apple or potato. No holes in the tube are necessary. Tape lid shut and ship first class on a Monday or Tuesday to my home: 373 N. Rengstorff #3, Mountain View, Ca. 94043, (415) 969-7602. On the outside bottom (can glue a piece of paper there) of each tube, put collection data (including habitat information) and your name. I have extra tubes if you need them and will reimburse for postage.

Thank you very much for your assistance.

Sincerely yours,

David B. Weissman, Ph.D.  
Research Associate  
Department of Entomology



1984 FINANCIAL STATEMENT<sup>1</sup>

\* \* \* \* \*

Checking account balance as of January 1	\$621.00
Receipts	
Dues	1,110.00
Publication receipts	364.00
Gifts & contributions	<u>593.56</u>
Total receipts	\$2,067.56
Disbursements	.
Stationery & clerical supplies	10.24
Stamps & mailing	290.77
Publication & printing	492.05
Miscellaneous expenses	<u>5.00</u>
Total disbursements	\$798.06
Receipts less disbursements (= profit)	\$1,269.50
January 1 balance plus profit	\$1,890.50
Checking account balance as of December 31	\$1,890.50
Savings account balance as of January 1	\$1,080.68
Deposits	
Cash transfer	0.00
Interest earned on account	<u>62.29</u>
Total deposits	\$62.29
Withdrawals	\$0.00
Deposits less withdrawals (= profit)	\$62.29
January 1 balance plus profit	\$1,142.97
Savings account balance as of December 31	\$1,142.97

\* \* \* \* \*

PAAS financial status as of December 31 (checking + savings totals)  
\$3,033.47

<sup>1</sup>All figures, in dollars (US), are certified correct by the Audit Committee, PAAS, on April 15, 1985.