

# METALEPTEA

SOCIEDAD PANAMERICANA  
DE ACRIDIOLOGIA



PAN AMERICAN  
ACRIDOLOGICAL SOCIETY

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# METALEPTEA

VOLUME 5  
VOLUMEN 5

NUMBER 2  
NUMERO 2

SOCIEDAD PANAMERICANA  
DE ACRIDIOLOGIA



PAN AMERICAN  
ACRIDOLOGICAL SOCIETY

1983 ; 2

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M E T A L E P T E A

VOLUME 5 NUMBER 2 PAN AMERICAN ACRIIDIOLOGICAL SOCIETY  
VOLUMEN 5 NUMERO 2 SOCIEDAD PANAMERICANA DE ACRIIDIOLOGIA

## CONTENTS CONTENIDO

THE PAN AMERICAN ACRIIDIOLOGICAL SOCIETY CONSTITUTION AND BY-LAWS / LA SOCIEDAD PANAMERICANA DE ACRIIDIOLOGIA ESTATUTO Y REGLAMENTO . . . . .	17
MESSAGE FROM THE PRESIDENT . . . . .	32
EXECUTIVE SECRETARY'S REPORT . . . . .	33
MEMBERS' NEWS . . . . .	35
NEW MEMBERS . . . . .	36
CHANGE OF ADDRESS . . . . .	37
NOTICES . . . . .	38
NEW PUBLICATIONS . . . . .	40

SOCIEDAD PANAMERICANA  
DE ACRIIDIOLOGIA



PAN AMERICAN  
ACRIIDIOLOGICAL SOCIETY

The Pan American Acridological Society, or PAAS, is an international scientific organization with members in 24 different countries. Its purposes are to facilitate communication among those interested in, and concerned with, New World acridology, to encourage collaborative research and control programs in acridology among the countries of the New World, and to disseminate information and to promote, conduct, and foster other activities designed to increase knowledge and understanding of acridology and its implications.

Some 50 interested persons met at San Martin de los Andes, Neuquén, Argentina, in 1976, and planned a society, PAAS, that took its formal inception in 1978 upon the adoption of a Constitution and By-Laws. Since then, PAAS has been engaged in a full range of programs and activities toward the satisfaction of its above-mentioned objectives and was recently accorded tax-exempt status by the United States Government.

Approximately 100 persons representing 10 different countries met at Montana State University, Bozeman, Montana, USA, in 1979, on the occasion of the 2nd Meeting of PAAS. Over 300 persons representing 19 different countries registered at Maracay, Aragua, Venezuela, in 1981, on the occasion of PAAS' 3rd Meeting, held in conjunction with the 17th Latin American Congress of Entomology. Subsequent meetings are to be held on a triennial basis, with the next scheduled for 1984.

The 1981-1984 Governing Board includes President J. E. Henry, of Bozeman, Montana, USA, President-Elect V. R. Vickery, of Ste. Anne de Bellevue, Quebec, Canada, North American Representative G. B. Mulhern, of Fargo, North Dakota, USA, Latin American Representative Francisco Cerda, of Maracay, Aragua, Venezuela, Representative-at-Large Herbert C. Knudson, of Manhattan, Kansas, USA, Past President R. A. Rondros, of La Plata, Argentina, and Executive Secretary and Past President S. K. Gangwere, of Detroit, Michigan, USA. D. A. Nickle, of Washington, D. C. USA, is Editor.

The present publications of PAAS include a newsletter entitled *Metaleptea* and a triennial Proceedings.

PAAS membership is open to all persons, professional or amateur, with an interest in New World acridology by virtue of their research, teaching, or other activities.

THE PAN AMERICAN ACRIDOLOGICAL SOCIETY  
LA SOCIEDAD PANAMERICANA DE ACRIDIOLOGIA  
CONSTITUTION AND BY-LAWS / ESTATUTO Y REGLAMENTO  
(Adopted VIII-1-1978 and revised VIII-1-1980) /  
(Aprobado VIII-1-1978 y revisado VIII-1-1980)

## CONSTITUTION

### Article I

#### Name

Section 1. The organization shall be known as the PAN AMERICAN ACRIDOLOGICAL SOCIETY.

### Article II

#### Objectives

Section 1. It shall be the purposes of the Society to facilitate communication among those interested in, and concerned with, New World Acridology and to encourage collaborative research and control programs in Acridology among the countries of the New World; to promote, to conduct, and to foster research and the collection of data relating to Acridology; to disseminate information and to promote, to conduct, and to foster other activities designed to increase knowledge and understanding of Acridology and its implications; to provide a forum in which individuals and organizations may consult and cooperate in considering research in New World Acridology and problems relating thereto.

Section 2. It shall be the further purpose of the Society to do all of the foregoing exclusively for scientific, educational, and charitable purposes. No part of the net earnings of the Society shall inure to the benefit of any officer, director, member, or private individual (except that reasonable compensation may be paid for services rendered to or for the Society affecting one or more of its purposes); and no officer, director, member, or private individual shall be entitled to share in the distribution of any of the Society assets upon its dissolution. No substantial part of the activities of the Society shall be carrying on propaganda or otherwise attempting to influence legislation, and the Society shall not participate in, or intervene in (including the publication or distribution of statements), any political campaign on behalf of any candidate for public office, in event of the dissolution of the Society or the winding up of its affairs, the assets of the Society shall be distributed exclusively to charitable, scientific, or educational organizations which would then qualify under the provisions of Section 501 (c) (3) of the Internal Revenue Code and its Regulations as they now exist or may hereafter be amended. The Society shall not engage in any prohibited transaction as described in Section 501 of the Internal Revenue Code of 1954, nor shall it accumulate income or use or invest income in such manner as to cause denial of exemption under Section 504 of the Internal Revenue Code of 1954.

President  
 President-Elect  
 Most immediate Past President available to serve  
 Executive Secretary  
 One representative from North America  
 One representative from South America  
 One representative at large from the New World  
 Editor or Co-Editors, Ex-officio

#### Article VI

##### Funds and Disbursement

Section 1. All monies due the Society shall be collected, disbursed, and accounted for by the Executive Secretary as specified in the By-Laws.

#### Article VII

##### Publications

Section 1. The publications of the Society shall include a Newsletter and a Proceedings.

Section 2. The Newsletter shall be an informal publication released on an annual, semiannual, or other basis at special times deemed necessary.

Section 3. Inasmuch as the addresses, papers presented, policy deliberations, and other business of the scheduled meetings of the Society are of interest to Acridologists throughout the world, a Proceedings shall be published at intervals determined by the frequency of meetings.

#### Article VIII

##### Meetings, Voting, and Office-Holding

Section 1. The meetings of the Society shall be held at such time and place as may be decided by the Governing Board.

Section 2. Voting and office-holding in the Society shall be restricted to Active and Honorary Members.

Section 3. Policy and other matters of major importance shall be decided by written ballot of the entire voting membership.

#### Article III

##### Membership

Section 1. The memberships shall include Active, Student, and Honorary classes.

Section 2. All persons interested in Acridology by reason of their research, teaching, or other professional activities may become Active Members.

Section 3. Any person who is enrolled, at any level, in a recognized educational institution may become a Student Member. Student Members shall have all the rights and privileges of membership except the vote.

Section 4. Honorary Membership may be conferred on selected members who have rendered long and distinguished service to the field of New World Acridology. Honorary Members shall be exempt from payment of dues and shall have all the rights and privileges of Active Members.

#### Article IV

##### Officers

Section 1. The officers shall include a President, a President-Elect, an Executive Secretary, and an Editor or Co-Editors.

Section 2. The President-Elect shall serve as President-Elect until the next scheduled meeting of the Society. He shall assume the office of President at the close of the meeting held at the end of his term as President-Elect.

Section 3. The Executive Secretary shall administer the business of the Society and serve as a member of the Governing Board.

Section 4. The Editor or Co-Editors shall be responsible for the publications of the Society and serve ex-officio on the Governing Board.

#### Article V

##### Governing Board

Section 1. The Governing Board shall conduct the business of the Society subject to decisions on policy made by the membership by mail ballot or at the regular meetings of the Society. The Board shall consist of the following members:

## Article IX

### Amendments to Constitution

Section 1. A proposal for amendment of the Constitution may be initiated by any member of the Society. The proposal shall be presented to the Executive Secretary, who is obliged to submit it to the Governing Board within six months.

Section 2. The Governing Board shall consider all amendment proposals and make a recommendation to the membership. In so doing the Board is empowered to make minor changes in the proposal wording to clarify obscure language, modify details of procedure, or otherwise facilitate the purpose of the amendment.

Section 3. Within six months following action by the Governing Board, the Executive Secretary shall mail a copy of the proposed amendment and a ballot to all voting members.

Section 4. The President shall name an Elections Committee consisting of himself, the Executive Secretary, and at least one other member who, after a six weeks' deadline for ballot return, will canvas the vote and announce it to the membership in the next issue of the Newsletter.

Section 5. A proposed amendment shall be adopted effective the date on which the ballots are counted if approved by two-thirds or more of those voting. If approved by less than two-thirds the amendment shall be lost and the existing wording of the Constitution maintained.

### BY-LAWS

## Article I

### Membership

Section 1. Membership in the Society (except Honorary) begins on the date at which the applicant is approved for membership by the Governing Board. Membership rights shall cease following one year's non-payment of dues.

Section 2. All qualified persons may become Active Members after an application endorsed by an Active Member and accompanied by the required fee has been filed with the Executive Secretary and approved by the Governing Board.

Section 3. Active Members in good standing shall be considered by the Governing Board for designation as Active Members Emeritus following retirement from active professional service. Those persons so designated shall have all the rights and privileges of regular membership and shall be exempt from payment of dues.

Section 4. Any qualified person may become a Student Member after an application endorsed by an Active Member and accompanied by the required fee has been filed with the Executive Secretary and approved by the Governing Board.

Section 5. Honorary Membership may be conferred on selected New World acridologists under appropriate circumstances. Proposals for Honorary Membership shall be considered by the Governing Board following recommendation by any member of the Society. Favorable action by the Board shall constitute nomination. Formal designation of Honorary Membership shall require approval by at least two-thirds of the membership in attendance at the Society's next scheduled meeting. No more than two candidates may be so designated at a meeting.

Section 6. All members shall receive gratis the Newsletter and Proceedings of the Society. Non-members and institutions may receive these publications upon payment of a fee to be determined by the Governing Board.

## Article II

### Duties of Officers and Method of Election

Section 1. The President shall be the chief administrative officer of the Society and the Chairman of the Governing Board. He shall exercise such powers as are necessary to carry out his official duties including the appointment of an Executive Secretary to administer the society's business, the appointment of a host to plan for the next scheduled meeting, the appointment of an Editor/s to prepare the society's publications, and the appointment of various special committees. He shall be replaced by the President-Elect in the event of failure or inability to serve.

Section 2. The President-Elect shall be elected by the following procedure. At least six months before the next scheduled meeting, the Executive Secretary shall invite each member of the Governing Board to propose one name for President-Elect. The name/name/s proposed by a majority vote of the Governing Board shall constitute the nominee/nominees. These names, arranged alphabetically, shall be placed on the ballot, along with space for a write-in candidate, and mailed to each voting member of the Society at least three months before the meeting. After a

six-week deadline necessary for ballot return, the Elections Committee appointed by the President shall canvas the vote and announce the name of the winning candidate in the Newsletter. The candidate who receives the greatest number of votes shall be declared elected. The Executive Secretary shall resolve a tie vote by immediately mailing to the membership a run-off ballot containing the names of the deadlocked candidates. The winner of the run-off ballot, which is conducted in the manner prescribed above, shall be declared President-Elect. Any vacancy in the office of President-Elect shall be filled immediately in the manner prescribed above.

Section 3. The Executive Secretary shall be appointed by the President and approved by the Governing Board. He shall serve the Society as secretary, treasurer, and business manager. He shall maintain a membership roll, keep a record of the proceedings, attend to general correspondence, collect all monies due, pay all bills incurred by the Society, and submit a financial report at the scheduled meetings. His financial records shall be subject to a formal annual audit by a committee appointed by the President and approved by the Governing Board. The Audit Committee shall consist of the President and at least one other society member.

Section 4. The Editor shall be appointed by the President and approved by the Governing Board. He shall be responsible for the preparation and editing of the Newsletter and Proceedings and serve as a member (Ex-Officio) of the Governing Board. Inasmuch as the editorship requires proficiency in both official languages of the Society, Spanish and English, his function may be performed by Co-Editors.

Section 5. The Regional Representatives shall be elected by the following procedure. At least six months before the next scheduled meeting, the President shall appoint one of the current Regional Representatives as Chairman of a Regional Representative Nominating Committee consisting of the current Regional Representatives. This committee shall submit as least two names for each regional opening. This list shall constitute the slate of nominees. These names shall be placed on the ballot, along with space for write-in candidates, and mailed to each voting member at least three months before the meeting. The Elections Committee shall canvas the ballots after a six-week deadline for return of marked ballots and announce the results in the Newsletter. The Executive Secretary shall resolve a tie vote by immediately mailing to the membership a run-off ballot containing the names of the deadlocked candidates. Regional winners shall assume their Board duties along with the President, the President-Elect, the

most immediate Past President who is available, and the Executive Secretary at the next scheduled meeting. The President shall appoint an appropriate replacement in event of a Board Member's inability or failure to perform his appointed duties. No Board Member may normally serve more than two consecutive terms.

#### Article III

##### Society Dues

Section 1. Dues shall be set by the Governing Board subject to Society approval by letter ballot.

#### Article IV

##### Meetings, Quorums, Voting

Section 1. The meetings of the Society shall be scheduled, as necessary, for every third or fourth year so as not to conflict with the International Congresses of Entomology. Insofar as practicable, they shall alternate between sites in North America and Latin America.

Section 2. Ten percent of the total membership including one or more members from at least two of the three regional areas (North America, Mexico and Central America, South America) shall constitute a quorum for the transaction of business.

Section 3. A simple majority of those present at meetings or voting by mail ballot shall be sufficient to carry any motion except as otherwise specified by the Constitution or By-Laws.

Section 4. Members in arrears shall be dropped from the rolls by the Executive Secretary after six months' notice.

#### Article V

##### Amendments to By-Laws

Section 1. Changes in the By-Laws may be initiated by any member of the Society. Such proposals shall be processed in a manner identical to that of proposals to amend the Constitution.

Section 2. A proposed change in the By-Laws shall be adopted effective the date on which the ballots are counted if approved by two-thirds or more of those voting. If approved by less than two-thirds the proposal shall be lost and the existing wording of the By-Laws maintained.

## ESTATUTO

## Artículo I

Denominación

Sección 1. La organización será conocida como SOCIEDAD PANAMERICANA DE ACRIDIOLOGIA.

## Artículo II

Objetivos

Sección 1. Serán los propósitos de la Sociedad de facilitar la comunicación entre aquellos interesados y en relación con la Acridiología del Nuevo Mundo y propender a la realización de investigaciones en cooperación y programas de control en Acridiología entre los países del Nuevo Mundo; para promover, conducir, y facilitar la investigación y la acumulación de datos con respecto a la Acridiología; para diseminar la información y para promover, conducir, y facilitar otras actividades designadas a incrementar el conocimiento y comprensión de la Acridiología y sus implicaciones; para proveer un forum en el cual individuos y organizaciones puedan consultar y cooperar en considerar la investigación en la Acridiología del Nuevo Mundo y problemas relacionados.

Sección 2. Serán también los propósitos de la Sociedad hacer lo mencionado con exclusivos fines científicos, educacionales, y caritativos. Ninguna parte de las ganancias netas de la Sociedad podrá ser en beneficio de ningún oficial, miembro, o persona alguna (excepto que razonables honorarios deban ser pagados por servicios rendidos a, o para la Sociedad y que afectan uno o más de sus propósitos); y no oficial, director, miembro, o persona alguna estará autorizada a beneficiarse en la distribución de los bienes de la Sociedad a su disolución. No se distraerá parte sustancial de las actividades de la Sociedad en propaganda o intentos en influencia la legislación y la Sociedad no participará en, o intervienda en (incluyendo la publicación o distribución de folletos) ninguna campaña política a favor de ningún candidato para una oficina pública. En la eventualidad de disolución de la Sociedad o cese de sus actividades, los bienes de la Sociedad serán distribuidos exclusivamente entre organizaciones caritativas, científicas, o educacionales, las cuales deben ser calificadas bajo las regulaciones inscrites en la Sección 501 (c) (3) del Código del "Internal Revenue Service" y sus Regulaciones tal como ahora existan, o de sus subsecuentes enmiendas. La Sociedad no se comprometerá en ninguna actividad prohibida tal como está descrita en la Sección 503 del Código del "Internal Revenue Service" de 1954, y no acumulará ingresos o los usará de tal manera que origine discordanza de excepción bajo la Sección 504 del Código del "Internal Revenue Service" de 1954.

## Artículo III

Miembros

Sección 1. Los Miembros serán incluidos en las siguientes categorías: Activo, Estudiante y Honorario.

Sección 2. Toda persona interesada en la Acridiología a través de la investigación, enseñanza u otra actividad profesional, podrá ser Miembro Activo.

Sección 3. Toda persona matriculada, a cualquier nivel, en una institución educacional reconocida, podrá incorporarse como Miembro Estudiante. Los Miembros Estudiantes gozarán de todos los derechos y privilegios de los Miembros, excepto el voto.

Sección 4. Podrá ser conferida la condición de Miembro Honorario a personas relevantes que hayan prestado servicios sobresalientes en el campo de la Acridiología del Nuevo Mundo. Los Miembros Honorarios estarán exceptuados del pago de cuotas sociales y gozarán de todos los derechos y privilegios de los Miembros Activos.

## Artículo IV

Autoridades

Sección 1. Las autoridades de la Sociedad serán: un Presidente, un Presidente Electo, un Secretario Ejecutivo y un Editor o Co-Editores.

Sección 2. El Presidente Electo actuará como Presidente Electo hasta la próxima Asamblea Ordinaria de la Sociedad. Asumirá el cargo de Presidente a la clausura de la asamblea que se realice al término de su período como Presidente Electo.

Sección 3. El Secretario Ejecutivo administrará los asuntos de la Sociedad y actuará como miembro de la Junta de Gobierno.

Sección 4. El Editor o los Co-Editores será el responsable de las publicaciones de la Sociedad y actuará ex-officio en la Junta de Gobierno.



#### Artículo V

##### Junta de Gobierno

Sección 1. La Junta de Gobierno conducirá los asuntos de la Sociedad sujeta a las decisiones respecto de su política, dada por los Miembros por voto postal o en reuniones regulares de la Sociedad. La Junta estará integrada por los siguientes miembros:

Presidente  
 Presidente-Electo  
 Ex-Presidente más inmediato en condiciones de ejercer  
 Secretario Ejecutivo  
 Un representante por Norte América  
 Un representante por Sudamérica  
 Un representante por El Nuevo Mundo  
 Editor o Co-Editores, Ex-oficio

#### Artículo VI

##### Recursos y Gastos

Sección 1. Todos los fondos de la Sociedad serán recaudados, distribuidos y contabilizados por el Secretario Ejecutivo según lo establece el Reglamento.

#### Artículo VII

##### Publicaciones

Sección 1. Las publicaciones de la Sociedad incluirán un Noticioso y Actas.

Sección 2. El Noticioso será una publicación informal de secuencia anual, semianual, u otros periodos en que se considere apropiado.

Sección 3. En tanto y en cuanto que las previsiones, trabajos presentados u otros asuntos de las asambleas de la Sociedad sean de interés para los Acridiólogos a nivel mundial, serán publicadas Actas a intervalos que serán determinados por la frecuencia de las asambleas.

#### Artículo VIII

##### Asambleas, Elecciones y Reuniones Ordinarias

Sección 1. Las Asambleas de la Sociedad se realizarán en aquellos lugares y en las fechas que decida la Junta de Gobierno.

Sección 2. Las Elecciones y Reuniones Ordinarias estarán restringidas a los Miembros Activos y Honorarios.

Sección 3. La política a seguir y otros asuntos de mayor importancia serán decididos por voto escrito de la totalidad de los Miembros con derecho a voto.

#### Artículo IX

##### Reformas al Estatuto

Sección 1. La propuesta para la reforma a los Estatutos debe ser iniciada por cualquier Miembro de la Sociedad. La propuesta será presentada al Secretario Ejecutivo, quien está obligado a someterla a la Junta de Gobierno dentro de los seis meses de su recepción.

Sección 2. La Junta de Gobierno considerará todas las propuestas de reformas y preparará recomendaciones a los Miembros. En tal sentido, la Junta está facultada para introducir cambios menores en las propuestas, con-el fin de clarificar su lenguaje, modificar detalles de procedimientos o bien facilitar el propósito de la reforma.

Sección 3. Dentro de los seis meses siguientes a la intervención de la Junta de Gobierno, el Secretario Ejecutivo enviara copias de la o las reformas propuestas y el correspondiente voto a todos los Miembros con ese derecho.

Sección 4. El Presidente designará un Comité Electoral constituido por el mismo y como mínimo, otro Miembro, el que luego de seis semanas de recolectados los votos realizará los cómputos y anunciará los resultados a los Miembros en la próxima edición de Noticias.

Sección 5. Una propuesta de reforma será considerada efectiva en la fecha en que se realice el escrutinio, si es aprobada por dos tercios o más de votos. Si es aprobada por menos de dos tercios de votos, será rechazada y mantenidos los Estatutos como hasta el momento.

#### RECLAMANTO

#### Artículo I

##### Miembros

Sección 1. La condición de Miembro de la Sociedad (excepto la de Honorario) será efectiva en la fecha en que el solicitante sea aceptado por la Junta de Gobierno. Los Miembros caducan en la condición de tales luego de pasado un año en el no cumplimiento del pago de las obligaciones sociales.

Sección 2. Toda persona calificada podrá ser Miembro Activo luego de solicitarlo avalado por un Miembro Activo, acompañando la solicitud por la correspondiente cuota social prescudada por ante el Secretario Ejecutivo y aprobada por la Junta de Gobierno.

Sección 3. Todo Miembro Activo con permanencia, podrá ser considerado por la Junta de Gobierno para su designación como Miembro Activo Emérito, luego de su retiro del servicio profesional activo. Estas personas así designadas tendrán todos los derechos y privilegios de los Miembros regulares y serán exceptuados del pago de las obligaciones sociales.

Sección 4. Toda persona calificada podrá ser Miembro Estudiante luego de solicitarlo avalado por un Miembro Activo, acompañando la solicitud por la correspondiente cuota social presentada por ante el Secretario Ejecutivo y aprobada por la Junta de Gobierno.

Sección 5. Podrá ser conferida la condición de Miembro Honorario a personas relevantes si hay circunstancias apropiadas. Las propuestas para Miembros Honorarios serán consideradas por la Junta de Gobierno, previa propuesta de cualquier Miembro de la Junta. La recepción favorable por la Junta constituirá su nominación. La designación formal de Miembro Honorario requerirá la aprobación, como mínimo, de los dos tercios de los Miembros asistentes a la próxima asamblea ordinaria. No podrán ser designado más de dos candidatos por asambleas.

Sección 6. Todos los Miembros recibirán sin cargo las Noticias y las Actas de la Sociedad. Los no Miembros e Instituciones podrán recibir estas publicaciones previo pago del monto que establezca la Junta de Gobierno.

#### Artículo II

##### Obligaciones de las Autoridades y Mecanismo de Elección

Sección 1. El Presidente será el jefe administrativo de la Sociedad y presidente de la Junta de Gobierno. El podrá ejercer tales atribuciones como sea necesario para desarrollar sus obligaciones oficiales, incluyendo la designación de un Secretario Ejecutivo para la administración de los asuntos de la Sociedad, la designación de un invitado para planificar la próxima Asamblea Ordinaria, la designación de un Editor/s para preparar las publicaciones de la Sociedad y la designación de varios comités especiales. Será reemplazado por el Presidente Electo en caso de ausencia o impedimento para desempeñar sus funciones.

Sección 2. El Presidente Electo será elegido por el siguiente procedimiento. Por lo menos seis meses antes de la próxima Asamblea Ordinaria, el Secretario Ejecutivo invitará a cada miembro de la Junta de Gobierno a proponer un nombre para Presidente Electo. El nombre o los nombres propuestos por la mayoría de votos de la Junta de Gobierno constituirá la lista de candidatos. Estos nombres, dispuestos alfabéticamente, deberán ser incluidos en el voto con espacio para inclusión de otro candidato no nominado y enviado a cada Miembro con derecho al voto, por lo menos tres meses de la Asambleas. Luego de seis semanas, necesitará para el regreso de los votos, el Comité Electoral designado por el Presidente, computará los votos y anunciará el nombre del candidato ganador en las Noticias. El candidato que reciba el mayor número de votos será declarado electo. El Secretario Ejecutivo preparará una lista adicional que será inmediatamente enviada a los Miembros para una elección complementaria. El ganador de la elección complementaria, la que se realizará de la manera indicada arriba, será declarado Presidente Electo. Cualquier vacante en el cargo de Presidente Electo, será cubierta inmediatamente en la forma prescripta anteriormente.

Sección 3. El Secretario Ejecutivo será designado por el Presidente y aprobado por la Junta de Gobierno. El servirá a la Sociedad en calidad de secretario, tesoroero y administrador general. Mantendrá el registro de asociados, un archivo de actas, atenderá la correspondencia general, cobrará todos los aportes monetarios a la Sociedad, pagará las obligaciones en que incurra la Sociedad y presentará un balance financiero en las asambleas ordinarias. Su rendición de cuentas estará sujeta a una formal auditoría anual por un comité designado por el Presidente y aprobado por la Junta de Gobierno. El Comité Auditor estará integrado por el Presidente y como mínimo otro Miembro de la Sociedad.

Sección 4. El Editor será designado por el Presidente y aprobado por la Junta de Gobierno. Será el responsable de la preparación y edición de Noticias y Actas y actuará como miembro (Ex-Oficio) de la Junta de Gobierno. En tanto que las tareas editoriales requieran de expertos para el uso de los dos idiomas oficiales de la Sociedad, Español e Inglés, estas funciones serán realizadas por Co-Editores.

Sección 5. Los Representantes Regionales serán elegidos de la siguiente manera: por lo menos seis meses antes de la próxima asamblea el Presidente elegirá a uno de los Representantes Regionales en actividad como Presidente del Comité de Nominación de Representante Regionales el que estará integrado por la totalidad de los Representantes Regionales activos. Este comité propondrá por 17 Zonas los

nombres para cada vacante regional. Esta lista constituirá la lista de candidatos. Estos nombres serán incluidos en el voto, con espacio para la inclusión de otros, y enviados a cada uno de los Miembros con derecho al voto, por lo menos tres meses antes de la Asamblea. El Comité Electoral computará los votos luego de seis semanas de cumplido el plazo de recepción y anunciará los resultados en Noticias. El Secretario Ejecutivo confeccionará una lista adicional con los candidatos derrotados para una elección complementaria, la que será enviada a los Miembros con derecho al voto. Los ganadores regionales asumirán sus obligaciones en la Junta conjuntamente con el Presidente, Presidente Electo, el ex-Presidente más inmediato disponible y el Secretario Ejecutivo, en la siguiente Asamblea Ordinaria. El Presidente podrá decidir un reemplazo apropiado en el caso de que un Miembro de la Junta no pueda cumplir con sus obligaciones por ausencia o impedimento. Ningún Miembro de la Junta podrá actuar en calidad de tal más de dos períodos consecutivos.

#### Artículo III

##### Cuotas Sociales

Sección 1. Las Cuotas sociales serán establecidas por la Junta de Gobierno, sujetas a aprobación por la Sociedad mediante voto postal.

#### Artículo IV

##### Asambleas, Cuorum, Elecciones

Sección 1. Las Asambleas de la Sociedad serán programadas, de ser necesario, cada tercero o cuarto año, en tanto no interfieran con los Congresos Internacionales de Entomología. En tanto sea posible, ellas deberán alternarse en lugares de Norte América y Latino América.

Sección 2. Diez por ciento del total de Miembros incluyendo uno o más Miembros de por lo menos dos de las tres áreas regionales (Norte América, Méjico y Centro América y Sudamérica), constituirán el cuorum para el desarrollo y resolución de asuntos.

Sección 3. Una simple mayoría de aquellos presentes a una Asamblea o de votos por elección o consulta postal, será suficiente para aprobar cualquier moción, excepto aquellas especificadas en los Estatutos o Reglamento.

Sección 4. Los Miembros en mora serán eliminados de los padrones por el Secretario Ejecutivo luego de seis meses de ser notificados.

#### Artículo V

##### Emiendas al Reglamento

Sección 1. Cambios en el Reglamento pueden ser iniciados por cualquier Miembro de la Sociedad. Tales propuestas serán procesadas de idéntica manera que las propuestas para reformas en los Estatutos.

Sección 2. Una propuesta de cambio en el Reglamento será adoptada en la fecha en la cual los votos sean computados, si es aprobada por dos tercios o más de votantes. Si es aprobada por menos de dos tercios, la propuesta será desestimada y mantenida la redacción actual del Reglamento.

requires a great deal of time to get some manuscripts ready for publication, particularly when international correspondence is involved.

Likewise, I was pleased with the first issue of the Occasional Papers of the PAAS. Dr. Peneer provided us with a very good manuscript reviewing the role of Orthoptera in the development of concepts in insect endocrinology. This is a valuable reference for both research and teaching. As such, we should be able to sell sufficient copies to compensate for our publication costs. Doing so will determine our ability to continue the Occasional Papers.

I encourage all members to take an active interest in the affairs of our Society. In particular, we would be most interested in your ideas about the next meeting location, as well as other matters that may be of concern. Also, we are always looking for information for *Mecaleptea*. Of particular interest would be new research efforts, current research accomplishments, results of foreign exploration, etc. We need your participation.

J. S. Henry, President  
PAAS

EXECUTIVE SECRETARY'S REPORT

I have just returned to campus following completion of my summer's activities: first a stay at my university's Northwoods Biological Station, in the Upper Peninsula of Michigan, over 600 miles from Detroit, and then a trip to Spain, where I have on-going acridological research. These responsibilities kept me away from the PAAS Secretariat from about May 15 to October 15, except for a few days in the middle of that period. Obviously, the Society's business affairs suffered during this five-month period. It is precisely for this reason that I suggested to President Henry that I be replaced as Executive Secretary or, at least, another official be designated to handle some of my responsibilities. He declined the former suggestion and has been unable to implement the latter (involving, as it does, constitutional amendment). This leaves the Society as before, that is, with an inactive Secretariat part of the year, for which I apologize.

However, inasmuch as President Henry may make policy and other important decisions at any time (upon the advice of the Board of Governors), and because most PAAS business does not require immediate attention, the Society continues functioning despite (or because of?) my absence. The main problem that has arisen is with dues and other payments, a subject which I want

MESSAGE FROM THE PRESIDENT

By now everyone should have received word that the 1984 PAAS meetings scheduled to be held at Saskatoon, Saskatchewan, Canada, have been postponed for one year. The reason for this action was the concurrence in 1984 of The International Congress of Entomology. Not only would it be difficult for members to attend both meetings during the same year, but also the by-laws of the PAAS specify that the PAAS meetings will not be scheduled during the same year as The International Congress.

In view of this, we are rescheduling the PAAS meetings for 1985. The site of the meetings has not been established at this time. However, in recent discussions with the PAAS members in attendance at the Annual Meeting of the Entomological Society of Canada at Regina, I was informed that they again would be willing to host the meetings at the University of Saskatoon in cooperation with Agriculture Canada at Saskatoon. The advantages of the Saskatoon site include the availability of University housing, relatively good travel access via Air Canada and several U. S. carriers, a grasshopper collection in both prairie and lake-woods habitats.

However, in more recent discussions with members from both North and South America, I find there is a great deal of interest in trying to meet in Mexico, as was discussed at the Maracay meetings. Professor Ronderos has informed me of a contact in Mexico who might possibly handle local arrangements for us. Needless to say, we are checking into this as rapidly as possible and will inform the membership as soon as a decision is made. In the meantime, I encourage all members to begin planning to attend the 1985 meetings and in particular, to start securing the funds necessary for attendance at these meetings. At the present time, it appears most unlikely that we will be able to obtain travel grants in the U. S. to support group travel to the meetings.

Recently everyone received the Proceedings of the Bozeman meetings and the first issue of the Occasional Papers of the PAAS. I think we all can be pleased with the appearance of the Proceedings, even though it was somewhat delayed in publication. Nevertheless, Dr. Tyrkus and Professor Gangwere, as well as others who may have worked on the Proceedings, deserve our thanks for a job well done. Incidentally, the Proceedings for the Maracay meetings are being completed and hopefully will be published within the coming year. I know that many contributors to the Proceedings are concerned about the long delay in publication. I can assure you that our publications committee is working as rapidly as can be expected. The delay results primarily from the condition of some of the manuscripts when submitted for publication. It

to address now. I must admit that, of necessity owing to my schedule, checks and money orders may be banked as infrequently as every three months. I appreciate that this delay works a hardship on members, many of whom (transient at their mailing addresses) may need to close their checking accounts upon shorter notice than a three-month deposit schedule permits.

Accordingly, I suggest that dues be paid by money order, postal money order, bank draft, or a similar financial instrument rather than by personal check if immediate deposit and clearance is necessary. If not, personal checks continue to be welcomed at the Secretariat. We are happy to receive money in whatever form! Indeed, we are in need of it because of our heavy publication expenses of the past few months.

The Bozeman Proceedings and the first number of our Occasional Papers were mailed some months ago and should already be in the memberships' possession. I congratulate the Editorial Office on two difficult tasks well completed. I understand that the Maracay Proceedings are also well along and should go to press soon.

Membership Committee Chairman Mike Tyrkus is currently at work on our new Society brochure. He expects to have it ready for distribution momentarily and has also amassed an extensive list of prospective members, each of whom is to receive a letter soliciting membership in PAMS.

Current membership includes, as of this writing (November 1, 1983) 129 persons, of whom six are new members.

The current bank account balances are \$516.60 (checking account) and \$1066.28 (savings account), for a total of \$1582.88. The Society has no outstanding liabilities. A detailed financial report will be prepared at year's end and then made available to the membership in the next *Metaleptra*.

S. K. Gangwere, Executive Secretary,  
PAMS

#### MEMBERS' NEWS

Robert G. Bellinger is currently involved in research on the population dynamics of the red-legged grasshopper, *Melanoplus femurrubrum*, especially on its development and reproduction. He would like to receive information on the number of instars and number of generations known for any grasshopper species.

Chia-Chi Hsiung is involved in compiling a bibliography of Orthopteroïd insects of China. He is also involved in studies on the techniques of rearing stick insects and their behavior.

D. K. McG. Kevan recently visited the British Museum (Natural History), and the Tropical Development and Research Institute, in London for research related work. He also examined and photographed numerous and varied "grasshopper artifacts" including cemetery monuments, stained glass windows, and embroidery dating from the 16th century. He requests colleagues to bring to his attention any non-specific material relating to all groups of orthopteroïd insects, no matter what quality or triviality, and includes literature, graphics and plastic representations from any part of the world.

Daniel Otte collected crickets in New Caledonia, Fiji, and Hawaii, and recently completed volume II of *The North American Grasshoppers* (in press).

R. R. Pfadi is conducting field trials with *Nosema locustae* for the control of rangeland grasshoppers. He recently presented a paper at the joint meeting of the Entomological Society of America, Entomological Society of Canada, and Entomological Society of Ontario in Toronto, November 30, 1983. Title of the paper was "Species richness and density of grasshoppers in favorable habitats of mixed grass prairie."

David B. Weissman has collected an undescribed species of Jerusalem cricket (*Stenopelmaticidae*) from California's Central Valley, and claims it to be the largest insect in California.

J. A. Whellan recently had editorial responsibility for "The Locust and Grasshopper Agricultural Manual", Centre for Overseas Pest Research, London, 1982. 50 pp.

## NEW MEMBERS

Ms. Rebecca J. Goldberg\*\* e  
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Ing. Neido Angel Tracanna\* s  
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Srta. Maria Laura de Wyslecki\* s  
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 NEMC Box 32  
 PPO  
 Seattle, WA 98778  
 USA

## NOTICES

COSTA RICAN ACRIDID GRASSHOPPERS - Identification Service and request for data.

Hugh Rowell is anxious to compile data on the distribution, phenology, and foodplants of this group and offers a free identification service in exchange. The adults and the majority of larval stages of all described species can be reliably identified, given good quality dried specimens with locality data. Color photographs can usually be identified, especially if provided with locality data. Alcohol specimens can sometimes be used.

Other than properly pinned specimens, the most useful specimens are insects which have been wrapped alive in a screw of absorbent toilet paper, and either simply allowed to die (or killed after some hours by a volatile chemical) without being wrapped. Such specimens usually dry quite well without rotting, especially if the whole is placed for a while in the sun or in a plant-press drier; this is especially useful in the rainy season. They have the great advantage that the feces derived from the last meal are available on unwrapping. These can be analyzed microscopically to give information on diet.

With the agreement of the collector, Rowell would like to retain for study rare or undescribed species, and to use the locality data. All natural history data is useful and observations of actual feeding on identified plants would be especially valuable.

Send material to:

Prof. H. Rowell  
Zoologisches Institut der Universitaet  
Rheinsprung 9, 4051 Basel  
SWITZERLAND

SALTA-MONTES ACRIDIDOS DE COSTA RICA - Servicio de identificación y pedido de material

Hugh Rowell desea compilar material sobre la distribución, fenología y hábitos alimenticios de este grupo, y ofrece a cambio un servicio gratuito de identificación. Los adultos y la mayoría de los estados larvarios de todas las especies descriptas pueden ser identificados, siempre que especímenes desecados de buena calidad con datos sobre el lugar de origen sean provistos. Fotografías en color pueden a veces también ser identificadas, especialmente si se incluyen datos de lugar de origen. Especímenes en alcohol pueden en ocasiones ser utilizables.

Además de especímenes apropiadamente sujetos con alfileres, los insectos más útiles son aquellos que han sido envueltos en vida en un torniquete de papel higiénico absorbente y simplemente dejados morir (ó sacrificados luego de algunas horas con algun compuesto volátil) SIN abrir el envoltorio.

Estos especímenes generalmente se secan muy bien sin descomponerse, especialmente si el envoltorio es dejado un tiempo al sol, o en una estufa para secar especímenes botánicos (esto último puede ser útil durante la estación de las lluvias). El envolver los insectos en papel higiénico tiene la gran ventaja de que se pueden obtener las feces correspondientes a la última comida al abrir el paquete. Estas pueden ser analizadas microscópicamente para obtener información sobre la dieta.

Con el acuerdo del colector, Hugh Rowell desearía retener para su ulterior estudio las especies raras o desconocidas, así como utilizar la información del lugar de origen. Todoan los datos sobre historia natural son útiles y la identificación de las especies de plantas utilizadas por estos insectos para su alimentación sería particularmente valiosa.

Por favor enviar el material por correo a:

Prof. H. Rowell  
Zoologisches Institut der Universitaet  
Rheinsprung 9  
Basel 4051  
Svizzera

REQUEST FOR INFORMATION REGARDING GROUSE LOCUSTS (TETRIGIDAE) AND GRASSHOPPERS OF INDIA:

Dr. S. Y. Paranjape, ICAR, Dept. of Zoology, Modern College, Pune, 411 005 (M. S.), INDIA, is the principal investigator of a project on the survey, taxonomy, and ethology of tetrigids of India. He requests from anyone with an interest in tetrigids information on tetrigid behavior in general and on the taxonomic status of Indian tetrigid species in particular.

REPRINTS AVAILABLE:

Free of charge: Nabours, R. K. 1925. Studies on Inheritance & evolution in Orthoptera. V. Kansas State Agric. Experiment Station, Kansas State Univ. [a collector's item for those working on grasshopper genetics].

For \$2.00/copy: Knutson, H., S. G. P. Smith, and M. G. Blast. 1983. Grasshoppers: Identifying species of economic importance. Coop. Ext. Serv., Kansas State Univ. [contains pictorial keys & colored photographs of 22 species of grasshoppers].

Send inquiries to Dr. Herbert Knutson

Dept. of Entomology  
Kansas State University  
Manhattan, KS 66506 USA

NEW NAME: Centre for Overseas Pest Research is now Tropical Development and Research Institute

## BACK ISSUES OF PNAS PUBLICATIONS ARE AVAILABLE

Back volumes and issues of publications of the Pan American Acridological Society are available at the following rates: *Metaleptra* at \$1.50 per copy, *Proceedings* at \$7.00 per volume, and *Occasional Papers* at \$2.00 per 20 pages of text. Correspondence about membership, dues, and back issues should be sent to the Executive Secretary, PNAS, Dr. S. K. Gangwere, Dept. of Biological Sciences, Wayne State University, Detroit, MI 48202.

## NEW PUBLICATIONS

Otte, Daniel and Richard D. Alexander. 1983. *The Crickets of Australia (Orthoptera: Gryllidae)*. See advertisement in this issue.

Vickery, V. R. and D. K. McE. Kevan. 1983. A monograph of the Orthopteroid Insects of Canada and adjacent regions. *Lyman Entomol. Museum and Research Laboratory. Memoir No. 13. Vol. II. 1462 pp.*

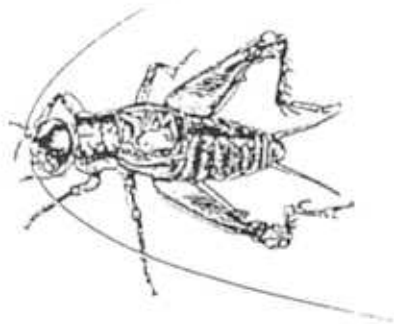
THE AUSTRALIAN CRICKETS  
(ORTHOPTERA: GRYLLIDAE)

by

DANIEL OTTE, Academy of Natural Sciences of Philadelphia

and

RICHARD D. ALEXANDER, University of Michigan



This 477-page monograph deals with 492 species, arranged in 85 genera and 11 of the 13 subfamilies of Gryllidae. Of these, 376 species and 41 genera are new, adding more than 10% to the world cricket fauna. The authors believe they have included at least 75% of the Australian species.

Otte and Alexander spent 12 months (1968-69) in Australia, traveling 46,000 miles and collecting or taking song records at 905 field localities scattered throughout most accessible parts of the continent. Seventy new species were furnished later through collections made by Australians at the University of Queensland and CSIRO, Canberra. The authors examined nearly all extant types, as well as the material in all Australian museums, the major European museums, and the Bishop Museum of Hawaii collection.

Keys or tables are provided for the identification of all species and higher groups. The work is profusely illustrated (by Otte), with nearly 4000 separate drawings and maps, including 118 full-specimen line-shaded or pencil drawings (representing nearly every genus). Song descriptions are provided for most acoustical species, and there are diagrams drawn from audiospectrographs for 322 different calling (pair-forming) signals.

The diversity of the Australian cricket fauna is surprising. No other continent is as rich in described species. Most of the Australian species are concentrated in the tropical northwestern portion of the continent, with only a handful in the extreme southwest.

All together this monograph is the most extensive and general treatment of the Gryllidae yet published. Because of the maps, illustrations, and song information, it should allow almost anyone to identify the Australian cricket species.

Order from: Swallow Publications  
Academy of Natural Sciences of Philadelphia  
19th and the Parkway  
Philadelphia, PA 19103

All orders must be prepaid, handling and postage is included in the price.  
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