

**American Society of Ichthyologists and Herpetologists**

**Board of Governors Meeting**



**Le Centre Sheraton Montréal Hotel**

**Montréal, Quebec, Canada**

**23 July 2008**



Maureen A. Donnelly  
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Biological Sciences  
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31 May 2008

The ASIH Board of Governor's is scheduled to meet on Wednesday, 23 July 2008 from 1700-1900 h in Salon A&B in the Le Centre Sheraton, Montréal Hotel.

President Mushinsky plans to move blanket acceptance of all reports included in this book. Items that a governor wishes to discuss will be exempted from the motion for blanket acceptance and will be acted upon individually.

We will cover the proposed consitutional changes following discussion of reports.

Please remember to bring this booklet with you to the meeting. I will bring a few extra copies to Montreal.

Please contact me directly (email is best - asih@fiu.edu) with any questions you may have. Please notify me if you will not be able to attend the meeting so I can share your regrets with the Governors. I will leave for Montréal on 20 July 2008 so try to contact me before that date if possible. I will arrive late on the afternoon of 22 July 2008.

The Annual Business Meeting will be held on Sunday 27 July 2005 from 1800-2000 h in Salon A&C. Please plan to attend the BOG meeting and Annual Business Meeting.

I look forward to seeing you in Montréal.

Sincerely,

Maureen A. Donnelly  
ASIH Secretary

## ASIH BOARD OF GOVERNORS 2008

<b>Past Presidents</b>		<b>Executive Committee</b>	<b>Elected Officers (not on EXEC)</b>
Atz, J.W.	Inger, R.F.	Donnelly, M.A.	Buth, D.G.
Bailey, R.M.	Mayden, R.L.	Frost, D.R.	Ferraris, C.J.
Burr, M.B.	McDiarmid, R.W.	Gregory, P.T.	Grant, T.
Cannatella, D.C.	Page, L.M.	Lundberg, J.G.	Haenel, G.J.
Cashner, R.C.	Parenti, L.R.	Mayden, R.L.	Kizirian, D.
Cohen, D.M.	Pietsch, T.W.	Mushinsky, H.R.	Klepadlo, C.
Collette, B.B.	Pough, F.H.	Neighbors, M.A.	Lannoo, M.J.
Dessauer, H.C.	Rabb, G.G.	Ross, S.T.	Litzgus, J.
Frost, D.R.	Robins, C.R.	Schaefer, S.A.	Orr, J.W.
Gans, C.	Rosenblatt, R.H.		Quattro, J.M.
Gilbert, C.R.	Savage, J.M.		Reeder, T.W.
Greene, H.W.	Savitzky, A.H.		Schultz, E.T.
Greenfield, D.W.	Scott, W.B.		Smith, W.L.
Gregory, P.T.	Smith, G.R.		Snodgrass, J.
Grobman, A.B.	Trueb, L.		Webb, J.
Highton, R.	Wake, M.H.		Wise, S.
Hutchison, V.H.			

<b>Class of 2008</b>	<b>Class of 2009</b>	<b>Class of 2010</b>	<b>Class of 2011</b>	<b>Class of 2012</b>
Allen, L.G.	Dorcas, M.E.	Bart, H.L.	Beaupre, S.J.	Beachy, C.K.
Buckup, P.A.	Green, D.M.	Douglas, M.E.	Burbrink, F.T.	Cole, K.S.
Carpenter, K.E.	Johnson, G.D.	Glor, R.E.	Contreras-	Cooper, W.E.
Espinoza, R.	Kley, N.J.	Guyer, C.	Balderas, S.	Grant, T.
Helfman, G.	McEachran, J.D.	Kuhajda, B.R.	Doan, T.M.	Johnstson, C.
Mushinsky, H.R.	Peterson, C.R.	Nelson, J.S.	Douglas, M.R.	Lips, K.R.
Pechmann, J.H.K.	Piller, K.R.	Nicholson, K.E.	Hanken, J.	Reis, R.E.
Petry, P.	Sabaj, M.H.	Peterson, M.S.	Harris, P.M.	Relyea, R.A.
Warkentin, K.	Wassersug, R.J.	Pilgrim, M.A.	Lopez, J.A.	Wainwright, P.C.
Wiens, J.J.	Winemiller, K.	Pramuk, J.B.	Maglia, A.M.	Westneat, M.
			Walker, H.J.	

## Officers - 2007

**PRESIDENT** - Richard L. Mayden - cypriniformes@gmail.com  
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**BOOK REVIEW - ICHTHYOLOGY** - William Leo Smith - leosmith@amnh.org  
**BOOK REVIEW - HERPETOLOGY** - Taran Grant - taran@amnh.org

**EDITORIAL BOARD** - William D. Anderson, Raoul Bain, Gary Casper, John Crawford, Tom Dowling, Tony Echelle, Daniel Fogell, James Grady, Pat Gregory, Patricia Hernandez, Ed Matheson, Steve McCormick, W. Linn Montgomery, Randy Mooi, Ted Pietsch, Roberto Reis, Willem Roosenburg, Richard P. Vari, James Watling

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**SOCIETY HISTORIAN HERPETOLOGY** - Joseph C. Mitchell - jmitchel@richmond.edu

## **Committees - 2007 (Darrel R. Frost appointments)**

### **COMMITTEE ON SPECIAL PUBLICATIONS**

Jon Armbruster - armbrjw@auburn.edu (Chair)

*Members:* Hank Bart, Jacqueline Litzgus

### **COMMITTEE ON GRADUATE STUDENT PARTICIPATION**

Rocky Parker - mrparke007@hotmail.com (Chair)

*Members:* Matt Neimiller (Website Committee - matthew.neilson@utoledo.edu), Justin Touchon (Website Committee - jtouchon@bu.edu), Tiffany Schriever (Workshop - tiffany.schriever@selu.edu), Ralph Saporito (Travel Awards - saporito@fiu.edu), Lara Douglas (Book Raffle & Reprint - ledougl@uark.edu), James Van Dyke (Book Raffle - jvandy@uark.edu), Jason Ortega (Volunteer for Raffle - jortegazy@utpa.edu).

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*Members:* all Sectional Editors and Book Review Editors

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*Members:* Eric Schultz (2002-2006), Barbara Savitzky (2003-2007), Aaron Bauer (2004-2008), Steve Ross (2005-2009 - Chair Elect), Margaret Neighbors (Ex Officio), Patrick Gregory (Ex Officio)

### **EXECUTIVE COMMITTEE**

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*Members:* Henry Mushinsky (President-Elect), Darrel R. Frost (Past President) Lynne Parenti (Prior Past President), Patrick Gregory (Chair of LRPP), Scott Schaefer (Editor), Mel Warren (Chair of ENFC), Maureen Donnelly (Secretary), Margaret Neighbors (Treasurer)

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Julian C. Lee - jlee@miami.edu (Chair)

*Members:* H. Bradley Shaffer (2006-2008), Harold K. Voris (2007-2009)

### **GAIGE FUND AWARD COMMITTEE**

Adam Summers - asummers@uci.edu (Chair)

*Members:* Rita Mehta (2006-2008), Taran Grant (2007-2009)

## **ICHTHYOLOGICAL AND HERPETOLOGICAL COLLECTIONS COMMITTEE**

Jose Rosado - jrosado@oeb.harvard.edu (Chair)

*Members:* Barbara Brown, Paulo Buckup, Dave Catania, J. Tomas Giermakowski, Dean Hendrickson, Toby Hibbitts, Nelson Rios, Rob Robins, Mary Ann Rogers, Jessica Rosales, Mark Sabaj, John Simmons, Angelo Soto-Centeno, Ken Thompson, Lou Van Guelpen, H. J. Walker, Gregory Watkins-Colwell, Jeff Williams, Christina A. Wolfe

*Newsletter Subcommittee:* H. J. Walker (Chair), Rob Robins, Lou Van Guelpen, Laurie Vitt

*Supplies and Practices Subcommittee:* Jessica Rosales (Chair), Nelson Rios, Mary Anne Rogers, Mark Sabaj, Ken Thompson, Lou Van Guelpen

*ASIH Survey Subcommittee:* J. Tom Giermakowski (Chair), Christina Wolfe, Nelson Rios

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Joseph S. Nelson - joe.nelson@ualberta.ca (Chair)

*Members:* Héctor Espinoza-Pérez, Lloyd Findley, Carter Gilbert, Robert Lea, Nicholas Mandrk, Richard Mayden, James Williams

## **ROBERT K. JOHNSON AWARD COMMITTEE**

Harvey Lillywhite - hbl@zoo.ufl.edu (Chair)

*Members:* Frank McCormick (2006-2008), Brian Crother (2007-2009)

## **LONG RANGE PLANNING AND POLICY COMMITTEE**

Pat Gregory - viper@uvic.edu (Chair)

*Members:* Donald Buth, Robert Cashner, Craig Guyer, Carol Johnston, Karen Warkentin, Mel Warren (Ex Officio)

## **MEETING MANAGEMENT COMMITTEE**

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*Members:* Brian Crother, Henry Mushinsky

## **MEETING PLANNING COMMITTEE**

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## **NOMINATING COMMITTEE**

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*Members:* Christopher Beachy; Stanley F. Fox., Philip J. Motta

## **RANEY FUND AWARD COMMITTEE**

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*Members:* Tim Targett (2006-2008), W. Leo Smith (2007-2009)

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TO BE NAMED AT THE ANNUAL MEETING IN ST. LOUIS, MISSOURI.

### **ROBERT H. GIBBS, JR. MEMORIAL AWARD COMMITTEE**

David Greenfield - greenfie@hawaii.edu (Chair)

*Members:* Carter Gilbert (2006-2008), Theodore W. Pietsch (2007-2009)

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Henry Mushinsky - mushinsk@cas.usf.edu (Co-Chair)

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*Members:* Margaret Neighbors, Jeannine Cody, Nelson Rios

### **HISTORY OF THE SOCIETY COMMITTEE - RECURRING COMMITTEE**

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Joseph C. Mitchell - jmitchel@richmond.edu (Co-Chair)

*Members:* Inci Bowman, Vic Hutchison, Leo Smith, Susan Walls

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**AMERICAN FISHERIES SOCIETY** - Mel Warren, Jr. -

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**AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES** - Alan Savitzky -

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**EARLY LIFE HISTORY SECTION OF AMERICAN FISHERIES SOCIETY** - Jacqueline

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John Simmons - jsimmons@ku.edu

**SOCIETY FOR STUDY OF AMPHIBIANS AND REPTILES AND HERPETOLOGISTS'**

**LEAGUE** - Alan Savitzky - asavitzk@odu.edu

### **INFORMATION COORDINATORS**

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**ICHTHYOLOGY** - Mollie Cashner - mcashner@tulane.edu

# Reports and Agenda for the 2008 Meeting of the Board of Governors of the American Society of Ichthyologists and Herpetologists

## Organization and Announcements

1. Call to order - President Mushinsky
2. Governors Sign In - Secretary Donnelly
3. Distribution of late reports or additions to reports - Secretary Donnelly
4. Messages of regret from absentee governors - Secretary Donnelly
5. Call for motion to approve minutes of 2007 meeting of the Board of Governors as published in Copeia 2008(1):248-257. (see Appendix H) - President Mushinsky
6. Announcement of appointment of Resolutions Committee - President Mushinsky
7. Announcement of Stoye and Storer Award Judges (names withheld until banquet) - President-Elect Lundberg
8. Future annual meetings - Governor Robert Cashner
  - 2009 - Portland, Oregon
  - 2010 - Providence, Rhode Island
  - 2011 - Minneapolis, Minnesota

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- 61. Discussion of reports exempted from blanket approval
- 62. Discussion of Constitutional changes
- 63. Discussion of Old Business
- 64. Discussion of New Business
- 65. Call for BOFG approval of Ballots
- 66. Board of Governor’s Elections: Fitch Committee, Gibbs Committee, and Johnson Committee
- 67. Election of Honorary Foreign Members: Herpetology & Ichthyology
- 68. Adjournment

## 10. SECR: Secretary - M.A. Donnelly

Last year was busy; I handled over 3600 email messages during 2007. I also handled mail correspondence and other requests for information. The meeting is a focal point of ASIH activities and over 1100 emails were associated with meeting logistics in 2007. We get some “snail mail”, typically from former secretaries during the year. Many are requests for paper copies of our Career pamphlets which are no longer available in paper format. We removed the link to the electronic versions because they remain out-of-date. When we get requests for information, they are forwarded to the information coordinators or if they are of a herpetological nature, I answer many of them. Demand for information continues to be sparse, most requests for information are associated with homework assignments or people with sick pets.

I work with all the officers and the editor throughout the year. Treasurer Neighbors and I worked on *Copeia* issues and with Allen Press., Treasurer Neighbors obtained the audit and as soon as we have a webmaster, it will be posted on the website. We worked together on BioOne issues as well as the advertising issues. I summarized the results of all Executive Committee votes. I sent out email messages concerning the 2007 election results after the St. Louis meeting. I contact all those that agreed to stand in nomination. The ASIH runs on the efforts of the many that volunteer for service and we are grateful to the membership for its support of our activities.

The BOG responded quickly regarding our new Conflict of Interest Policy needs. The Secretary sent the conflict of interest letter out after the 2007 meeting and sent it out again at the beginning of the year. This is an annual duty that will be completed each January. We have had excellent responses to calls for action by our Board of Governors.

My biggest challenge in 2007 was the ASIH website. The move to Tulane definitely improved the look of the website but because we do not have an official webmaster, the task of updating all documents falls to me and I am miserable at remembering the ins and outs of posting documents to the site. We hope to have this resolved by the end of the 2008 meeting.

I received several requests for copyright release to use materials published in *Copeia* for book-length manuscripts, doctoral dissertations, and review articles. The great majority of the requests for copyright release are granted. We frequently get requests to release copyright to compile research outputs from centers. Because these are not-for-profit operations, we typically grant copyright release. The requests for copyright release are typically received by Editor Schaefer and forwarded to me.

I am fortunate to have Kallia Cooper’s help in the ASIH office. Kallia’s “main” job during the year is to archive the email correspondence; we printed off all archived correspondence to provide a paper trail of activities since 2000. Kallia Cooper is an Environmental Studies major at FIU and she is a very capable assistant. She sent out committee letters, she processed all the abstracts associated with the 2007 and 2009 meeting. Kallia helped with all aspects of the job and I will be lucky to have her for another academic year.

Our Allen Press representative changed at the end of August 2007. We said goodbye to Jason Gilbert and hello to Christy Classi. Christy now handles accounts for the ASIH, the Herpetologists’ League, and the Society for the Study of Amphibians and Reptiles. I worked regularly with Jason and Christy at Allen Press on normal business (claims, the business site, renewal of contract, rental of lists for mailings). I worked with other Allen Press employees on the Buyer’s Guide, on print orders, and on the silo site. Treasurer Neighbors did most of the work on the silo site and linking JSTOR access to the silo site via the business page. Treasurer Neighbors and I continue to work with Allen Press for the silo site and with JSTOR.

I established the abstract submission site in late 2007 for the 2008 meeting and will definitely start the process earlier in 2008 (October). The Oxford Abstracts System is a tremendous product for a very reasonable price and I was able to update the 2007 model for the 2008 meeting. The system requires authors to submit word files embedded in a template provided by Oxford. The system also allows authors to change the abstract right up until the last day of submission. While we thought we had an ideal system, several persons struggled with the process and we will work to improve the instructions for next year. We changed the instructions and still had problems with people failing to read the directions. If the abstract does not come in the “template” format, it is rejected during the mail merge that builds the abstract book. The hardest part about the Oxford system was being forced to work with a PC using Internet Explorer. Oxford was able to deliver a product I could work with in a very timely fashion. We discovered a glitch in the system this year. If two submission hit the system at exactly the same time, the system gives the two submissions the same number. This created headaches during the final data dump. Oxford plans to update their system so it will work on several Internet browsers and one that will work with Macs as well as PCs! The price for the product is still ~\$1000 which is the least expensive option available to us. The Oxford crew was helpful and always available to answer questions. I look forward to using their new product for the 2009 meeting.

I attended the Meetings Planning Meeting in Montréal in April 2008. We visited sites associated with the meeting and we prepared the scientific schedule. Upon my return to Miami, I wrote a trip report and circulated it to the membership using the list server. After the Meeting Planning Committee finished its work in grouping abstracts into sessions, and once those data were entered into the master spreadsheet, I checked the spreadsheet against the database to ensure that all abstracts were accounted for. I generated files of student competitors for all participating societies and sent excel files to the appropriate persons. I worked closely with STAC co-chairs Steve Beaupre, Rich Mayden and the ASIH judges in 2007. I worked with President-Elect John Lundberg and 2008 Chair Emily Taylor for the 2008 meeting. Once I turn the schedule into Kansas State University Conference Services, all changes to the schedule are made by KSU personnel. I turned the schedule over to Kansas State University on 12 May 2008 just before I left for Costa Rica. Having Kansas State work with the schedule allows me to focus my attention to preparation of the meeting materials. After the schedule is posted on the web, the abstracts are proofed and the abstract files are prepared for the summer meeting. One WORD file, without page breaks, goes to KSU, and we prepare four files that are posted as PDFs. Once the abstract book is sent to KSU, they take care of all cancellations. I sent Kansas State the abstract book file on 16 May 2008. I sent out personalized letters of invitation to those meeting participants that requested them. These personalized invitation letters are PDF files that are sent directly to the requester; the letter can be downloaded and given to embassy officials. This instant letter allows foreign members an opportunity to begin the visa process months before the meeting. This year, the schedule and abstract book are posted on the KSU meeting website and the ASIH website links to KSU.

The advertising issue in *Copeia* has been put to bed because no officer was willing to take on the task of herding the advertisements through the process. Our concerns about our not-for-profit status also helped us guide our decisions here.

The new website has a New and Notices site as well as a Jobs site so that we can segregate job opportunities from other sorts of news. I posted 17 jobs on the job board and 17 news and notices on that navigation bar. I have curtailed my use of the list server (a total of 25 messages and use it sporadically to communicate with the membership about symposia, abstracts, meetings, publications, and international meetings). Several members have made use of the archived issues of *Copeia*. All of our content is now available electronically and we did not go through the Biodiversity Heritage Library project because we are already digital.

Throughout the year, I worked with the chair of the Conservation Committee (Frank McCormick) and sent out letters and copies of resolutions adopted by the committee and the society. In some cases, we receive acknowledgement of receipt of the letters and in some cases, the resolutions actually seem to help conservation efforts.

## **11. TREA: Treasurer - M.A. Neighbors**

This report is based on the account statements and cash flow information given to Richard D. Garman and Associates, Certified Public Accountants, Fountain Valley, California, for the 2007 audit. At this time the audit has not been finalized. The audited financial statements will be posted on the ASIH web site when available. The audit will list ASIH income and expenses on an accrual basis rather than the annual cash flow basis of this report.

Income and expenses are divided into those associated with programs of the society (awards, annual meetings, dues, subscriptions, and publications) and those related to management and general operation (Table 1). Income received exceeded expenses paid in 2007 by \$151,126. Income from the 2006 JMIH in New Orleans totaled \$57,494. Annual membership revenue received in 2007 was approximately equal to that in 2006, and subscription income decreased by \$17,659. Both membership and subscription numbers again decreased from the previous year (Table 2). ASIH's annual revenue share from BioOne, an online source for *Copeia*, continued to increase; \$26,377 was received for 2006 usage. Revenue from hits on articles in back issues of *Copeia* available at JSTOR was \$5,056 for 2006. A major rebalancing of the TRAK portfolio and improvements in the stock market resulted in realized gains. Payments for the online version of *Copeia* hosted at Allen Press began in 2007.

On 31 December 2007, ASIH Funds as Cash & Cash Equivalents (cash and money market funds) and Investments (Certificates of Deposit and mutual funds) were held in three accounts and totaled \$1,220,382 (Table 3). Investments in both equity (75%) and fixed income (25%) mutual funds are held in the professionally managed Citigroup Smith Barney TRAK Account. The net cumulative performance of the TRAK Account portfolio between its inception on 5 January 2001 and 31 December 2007 was 29.72%, with an increase of 7.61% occurring in 2007. Since 31 January 2001, the annualized performance of the account after fees was 3.79% (31 Dec. 2007 TRAK Quarterly Review). For comparison, the S & P 500 Index increased 5.49% in 2007 and had an annualized increase of 2.82% since 31 January 2001. The TRAK Account portfolio was worth \$682,638 on 31 December 2007 (Table 4).

ASIH remains in excellent financial condition in spite of decreased membership and subscription numbers and increased member and subscriber services. Digital current and back issues of *Copeia* since 2000 are presently available to all ASIH members and subscribers via a link on the ASIH business office web site. Members, but not subscribers, also have access to all earlier issues of *Copeia* through a link to the JSTOR archive. In an effort to limit registration fee increases, a portion of the income from the 2006 and 2007 Joint Meetings of Ichthyologists and

Herpetologists has been pledged as support for the 2008 JMIH in the event that registration and other income is insufficient to cover meeting expenses. After payment of first quarter bills and transfer of money to the Smith Barney FMA Account, the Douglas County Bank balance is currently closer to the limit covered by FDIC Insurance.

Respectfully submitted,  
Margaret A. Neighbors, Treasurer

(See Appendices B-E)

Appendix B: Table 1. ASIH cash flow for 2007 and 2006.

Appendix C: Table 2. ASIH membership and subscription numbers.

Appendix D: Table 3. ASIH cash, cash equivalents, and investments.

Appendix E: Table 4. Portfolio detail of the ASIH Citigroup Smith Barney TRAK Account.

## **12. EDIT: Editor - S.A. Schaefer**

Significant effort was devoted in 2007 to the planning of a new format and style for *Copeia*, following the recommendations of the ad hoc committee charged to review *Copeia* by President Mayden and approved by EXEC. A revised instructions to authors that reflects the new style was placed on the ASIH website and the new style was successfully implemented in the first issue of 2008. A solicitation to the membership for submission of color artwork for possible inclusion on the *Copeia* front cover was posted to the website in November 2007. A plan to enter into a cooperative publication arrangement with Allen Press was discussed by EXEC. Among several possible advantages, the prospect of reducing the burden on the Editorial Office and prospects for enhanced marketing of the journal are attractive, but no formal proposal has been received and I am aware of no further developments in this regard.

Jackie Litzgus, Greg Haenel, Sharon Wise (Ecology and Ethology) and David Kizirian (General Herpetology) were elected as Section Editors at the 2007 annual meeting. Bob Mason (Physiology and Physiological Ecology) resigned in mid-term; there are no plans at this time to secure a replacement SE in that section. Following the passing of Fran Cashner, Cynthia Klepadlo was appointed as interim Subject Index Editor, pending formal election at the 2008 meetings.

During 2007, 1131 pages of *Copeia* were published over four issues: 28 February (252 p.), 16 May (256 p.), 10 September (275 p.), 28 December (348 p.). These figures represent an increase of 26.8% from the total number of pages published in 2006 and represents a return to normal production levels, following reduced number of printed pages in 2006 due to absence of backlog of accepted papers pending production. The small current backlog (23 papers as of this writing) will provide a needed buffer to ensure a more even distribution of pages per issue going forward. The four issues for 2007 included 66 major papers (764 p. or 67.9% of the volume) and 28 shorter contributions (210 p. or 18.7% of the volume). The remaining 152 pages (13.9%) was distributed as follows: two comments (6 p.), 13 book reviews and notices (44 pages; 4 fishes, 6 herps, 3 general), two historical perspectives (24 p.), two obituaries (8 p.), editorial notes and news (9 p.), one notice to authors (3 p.), summary of the 2007 annual meeting (10 p.), subject and taxonomic indices (34 p.), table of contents (7 p.), award announcements (7 p.), and six pages of back matter comprising societal advertisements not counted in the total pagination for the volume.

Of the major papers published, 31 (47%) were ichthyological and 35 (53%) were herpetological. Of the shorter contributions, 8 (29%) were ichthyological and 20 (71%) were herpetological. For all reviewed papers combined, 38 (41%) were ichthyological and 55 (59%) were herpetological. Compared to 2006 (53% ich; 47% herp), the proportion of published papers by discipline for 2007 reflects a small shift in the balance of papers toward the herpetological. The leading paper published in 2007 (by Ted Pietsch) was the first Robert H. Gibbs, Jr. Award Contribution to be printed in *Copeia* since the inception of that policy years ago.

There were 518 new or revised submissions in 2007. Of these, 256 were new manuscripts, representing a 10% decrease from 2006 (286). Since 2003, the number of new submissions has averaged 288 per year. The annual percent change in number of new submissions over this time period has varied from -11% in 2004 to +7% in 2005. A total of 161 submissions (63%) originated from the United States and 95 (37%) were of international origin. International contributions were distributed as follows: Australia 7 (3%), Brazil 14 (6%), Bulgaria 1 (0.3%), Canada 11 (4%), Chile 1 (0.3%), China 9 (3.5%), Colombia 2 (0.6%), Fiji 1 (0.3%), Finland 2 (0.6%), France 1 (0.3%), Germany 5 (2%), Iceland 2 (0.6%), India 2 (0.6%), Iran 1 (0.3%), Israel 2 (0.6%), Italy 2 (0.6%), Japan 6 (2.3%), Mexico 5 (2%), Netherlands 1 (0.3%), Norway 1 (0.3%), Pakistan 1 (0.3%), Philippines 1 (0.3%), Russia 2 (0.6%), Singapore 2 (0.6%), South Africa 3 (1%), Spain 3 (1%), Switzerland 1 (0.3%), Taiwan 1 (0.3%), United Kingdom 1 (0.3%), Uruguay 1 (0.3%), Venezuela 1 (0.3%).

Of the 256 new submissions, 142 (55%) were major articles, 79 (31%) were shorter contributions, and 35 (14%) were “other” (i.e., book reviews, obituaries, historical perspectives, etc.). An average of 21.3 submissions was received per month. August (36 new) was the most active period, while July (14 new) was the slowest month. A total of 34 submissions (13%) were rejected without review and typically reflected a joint decision by the Editor and SE. The remaining 222 submissions were processed; of these, 166 (75%) achieved a decision by the end of the year.

A major effort was undertaken in 2007 by the *Copeia* editors to reduce the length of the review process, and improvements in this regard were realized. For comparative purposes, performance statistics for 2007 are followed by values for 2006 in brackets. The average time from submittal to SE assignment was 13 [13] days and reflects the time required for preparation of the *Copeia* checklist of format problems, initial screening and quality review, and selection of an appropriate SE. Average time from submittal to securing of first reviewer was 23 [38] days, with an additional 16 [16] days to secure all reviewers. Once the final review was received, the SEs required an average of 8 [30.8] days to submit their recommendation to the Editor. Editorial decisions required on average an additional 8 [13] days. In total, all submissions required an average of 77 [93] days to initial decision (i.e., accept, reject, or further revision) and 155 [154] days to final disposition (accept or reject only). Major papers averaged 90 [113] days for initial review plus another 55 [46] days in revision, whereas shorter papers averaged 86 [119] days for initial review plus another 36 [11] days in revision. The average duration from submission to initial decision in 2007 was 80 days, compared to 93 days for 2006.

Section editor workload and average review duration were as follows: D. Buth (20 new, 76 days), C. Ferraris (23 new, 46 days), G. Haenel (13 new, 104 days), D. Kizirian (20 new, 71 days), M. Lannoo (25 new, 49 days), J. Litzgus (8 new, 75 days), R. Mason (2 new, 48 days), J. Quattro (9 new, 118 days), T. Reeder (8 new, 131 days), E. Schultz (21 new, 48 days), J. Snodgrass (17 new, 60 days), J. Webb (15 new, 85 days), S. Wise (9 new, 108 days). A total of



81 papers (45%) were accepted, 98 were rejected (55%), and 9 papers (3.5%) were withdrawn by the author. The 262 revisions received in 2007 (51% of total manuscripts processed) were distributed among SEs as follows: J. Armbruster (1 revision, 79 days), D. Buth (22 revisions, 26 days), C. Ferraris (32 revisions, 12 days), S. Fox (2 revisions, 3 days), G. Haenel (15 revisions, 33 days), D. Kizirian (5 revisions, 3 days), M. Lannoo (26 revisions, 13 days), J. Litzgus (13 revisions, 25 days), R. Mason (5 revisions, 42 days), J. Quattro (16 revisions, 87 days), T. Reeder (7 revisions, 31 days), E. Schultz (16 revisions, 26 days), J. Snodgrass (17 revisions, 39 days), C. Taylor (3 revisions, 13 days), J. Webb (10 revisions, 35 days).

A total of 830 review requests were solicited from 676 persons in 2007. Of these, 197 (24%) were declined and 20 (2.5%) did not respond, for a total effective request rejection rate of 26%. Of those reviewers that did return a review (503 total), the average length of time taken was 29 days, with the most rapid return of 1 day and the longest return of 154 days. Less than half of all reviews (211, 42%) were returned within one month, while a third of all reviewers (164, 33%) required more than 30 days to submit the review. Of these, 32 (33%) required more than 60 days, and 6 required more than 90 days to complete the review.

Allocation of manuscripts (new submissions and revisions) by section was as follows: General Ichthyology 98 (J. Armbruster 1, D. Buth 42, C. Ferraris 55), General Herpetology 91 (D. Kizirian 25, M. Lannoo 51, T. Reeder 15), Ecology and Ethology 97 (S. Fox 2, G. Haenel 28, J. Litzgus 21, J. Snodgrass 34, C. Taylor 3, S. Wise 9), Genetics, Development and Morphology 50 (J. Quattro 25, J. Webb 25), Physiology and Physiological Ecology 44 (R. Mason 7, E. Schultz 37). For manuscripts reaching a decision in 2007, rejection rates by SE are as follows: D. Buth 31%, C. Ferraris 45%, G. Haenel 40%, D. Kizirian 71%, M. Lannoo 68%, J. Litzgus 68%, R. Mason 50%, J. Quattro 43%, T. Reeder 50%, E. Schultz 62%, J. Snodgrass 67%, J. Webb 64%.

Printing costs to publish *Copeia* in 2007 totaled \$118,943 (#1: \$27,879, #2: \$25,814, #3: \$28,184, #4: \$37,066). This amount is 37% more than the cost of publishing the 2006 volume (\$87,084). The increase in publishing costs was a consequence of a 26% increase in the number of printed pages, the increased number of color figures, and increased charges across the board for supplies, services, and postage. The breakdown of printing costs by category is as follows: composition, prepress text, revisions: \$35,632; prepress graphics \$8,866; press production \$25,187; binding \$3,802; mailing \$19,540; paper \$25,916. All expense categories except binding vary between issues as a direct function of the amount of content and extent of revisions. Revenue from authors for page charges and color reproduction are not reflected in these figures.

### **13. PPRE: Past President's Report - R.L. Mayden**

The past year was complete with many rewarding experiences associated with ASIH-Copeia, the BOG, and the membership at large. While serving as President I was also pleased to serve as the host of the 2007 Annual meetings in St. Louis. I am extremely grateful to the Meeting Management Committee and the Staff from K-State for assisting me in their many efforts that ensured such a successful meeting!

Last year was also a year of great change for the society with the approval of a new, larger sized and revised journal format for *Copeia* and several new awards open to all members of the Society for papers published in *Copeia*. While we have completed the revisions in *Copeia*, there still remain issues to be dealt with regarding the editorial structure, editorial policies, and other items raised from the ad hoc committee. Likewise, while the awards for

published papers in *Copeia* have been approved, the BOG recommended that guidelines and criteria for each award should be developed. Unfortunately, I was not able to accomplish this during my presidency and hope that this and the remaining items from the ad hoc *Copeia* committee will be finalized in 2008.

During my presidency several initiatives came to mind or across my desk in dealing with society business or from discussions with members of our society. However, due to the short period of the appointment not all of these initiatives could be undertaken and sheppard through under my term. Under the one-year term limit of the position with the current constitutional structure of ASIH I doubt that any President of the Society can use this short period to raise, develop, and complete creative and important initiatives for the Society. Thus, I wanted to use this venue to bring some of these initiatives to the attention of the BOG and membership, and raise the issue of the current term limits of the Presidential appointment.

In my opinion, the current structure of a one-year term as President of ASIH is too short if our society is to move initiatives from ideas to completion, and if our society expects a strong and motivated leadership in any elected President. The traditional one-year appointment of a President effectively leaves the leadership of the society to those of the Executive Committee that hold longer terms and already have their hands full with their own responsibilities, Editor, Secretary, and Treasure. These are all persons that are very effective in their roles but the routine business and the nature of their positions does not permit them to serve in a leadership capacity for the society and act on changes needed. In effect, these are the individuals that have the appointments of length, not the President. It is the role of the President to have a vision and an agenda that will ensure needed change in our society to keep pace with the changing environment of the scientific community and needs of the membership. While there is overlap in our current system between President Elect (1 year), President (1 year), and Past President (2 years), in my opinion, this overlap is not sufficient to give a person the time to sheppard important initiatives for our society through to fruition. This structure may have worked effectively in the history of the society but in today's academic environment with all of the various demands on academicians in their positions, I do not feel that this type of structure should be continued in the future. An incoming President will actually serve on the Executive Committee for four years but as President for only one year. Traditionally, most activity by an elected President occurs during the one year as President, not in the year or two years before and after, respectively. Given this short period of leadership, I feel that some elected members have found that the term is too short to make any accomplishments and simply take care of routine business. This is not a good model for moving our important organization forward in a time when we need to be sensitive to and aware of needed changes in our organization.

Thus, I would recommend that the Society seriously consider changing the Constitution and term of the President to President Elect (1 year), President (2 years), and Past President (1 year). The number of years in service is the same as the current structure except that a President can serve for two years. I feel that with this structure a President will have more time to act on needed initiatives for the Society after learning the responsibilities of the position in the early months of the appointment.

Some of the other initiatives that I and others feel are important/critical to the society and need attention by future administrations of the Society include increasing student participation (including participation at Banquets, submissions of papers to *Copeia*, and interest/opportunities in leadership of the society), increase in membership, increase in submission of high-quality manuscripts for publication in *Copeia*, a new, more popular magazine-style publication by the

society (similar to Fisheries Magazine), and an enhanced website highlighting many popular topics and information on various aspects of the biology of fishes, amphibians, and reptiles. All of these are important initiatives and require the development of effective strategies for their implementation. Membership in our society, attendance to annual meetings, public education, and the publication of high-quality research through *Copeia* are all critical elements to our organization and are all interwoven with respect to attracting members and awareness of the Society. Unfortunately, our Society is perceived by some as provincial, too traditional, and is not chosen over other Societies or other publication venues as an outlet of their important research. True or not, perceptions are important and need to be taken seriously in a competitive market or extinction can be one outcome. Complicating this is that specialist in a discipline will likely prefer to publish their papers in specialty journals and attend more highly specialized meetings. This issue needs and deserves critical attention now and should be a priority by the membership, the Executive Committee, and a President with a longer term to better deal with such a complicated situation. Otherwise, I fear the long-term survival of the Society and *Copeia* in the current academic climate.

Finally, I would like to thank the membership of ASIH for electing me as President, an honor for which I am immensely grateful. ASIH has been my principal scientific society since I joined in 1976.

#### **14. EDPC: Editorial Policy Committee - S.A. Schaefer**

Editorial Policy Committee (EPC) Meeting (11 July 2007)

Present: Scott Schaefer (Editor), Katie Smith (Production Editor), Richard Mayden (President), Don Buth (CI), Carl Ferraris (CI), Greg Haenel (CE), Jacqueline Litzgus (CE), Michael Lannoo (CH), Joel Snodgrass (CE), Eric Schultz (CP), W. Leo Smith (Figure Editor), Jacqueline Webb (CG).

Excused: D. Kizirian (CH), J. Orr (Taxonomic Index Editor), J. Quattro (CG), T. Reeder (CE).

Editor Schaefer began the meeting by calling for introductions of attendees and requesting a free form for the discussion on all aspects of the journal. The SEs were acknowledged for their dedication to the journal and their outstanding performance during 2006-07.

President Mayden was introduced and asked to address the *Copeia* Editors on the status of the effort to redesign *Copeia*. President Mayden described the history of an effort that began two years ago with the work of an ad hoc committee to review all aspects of *Copeia* policy and production, and continuing in 2007 to formally propose a redesign. Copies of the 2007 committee's report were distributed. The major changes were described to include a color front image and rotating color scheme for the front cover, increased page size to 8\_ x 11 on new paper stock that will save paper and reduce costs, discontinuation of Shorter Contributions as a separate category of contributed papers (NOT abandoning the inclusion of shorter-length papers), and the inclusion of brief biographic sketches for authors. The latter generated some discussion about practicality and format. President Mayden offered that the ethics and conventions of listing authorship may need to be revised to conform to international standards for collaborative work and the disclosure of effort among author contributions.

SE Schultz requested information related to proposed changes to the literature cited section of *Copeia* papers. President Mayden stated that the proposal includes elimination of small caps and the use of bold font for author names. Editors expressed concern about the awkward and distracting appearance of bars in the new table style and the distracting effect of the use of numerous different fonts and font sizes. President Mayden stated that specific aspects of the new style can be debated and modified as appropriate, and that thus far, comments from members about the design have been very positive. Editor Schaefer reminded the group that the need for color front cover images will necessitate the assembly of a bank of suitable images. Editors debated the pros and cons of several specific details of the design. Changes to the editorial structure, appointment and terms of office are also part of a set of proposed changes to the ASIH Constitution, which will be discussed and voted on next year.

Problems with publication of figures submitted in certain file formats was discussed. Editor Schaefer stated that his instructions to authors and specific instructions communicated to authors during the course of revisions now routinely include specific details and recommendations for avoiding these problems and for obtaining the best possible graphics in the printed version. Allen Press can be consulted as necessary.

The problem of declining membership was discussed. Increased marketing efforts may be enacted to encourage new memberships and increased meeting attendance. Student recipients of Stoye and Storer awards should be encouraged to submit papers to *Copeia*. The proposal to waive dues, registration, lodging, and transportation to meetings for officers was discussed.

The proposed change to the constitution (motion A4-5), which proposes that AEs be appointed rather than elected, was discussed as problematic in removal of elected officer status for those editorial positions, thereby effectively downgrading their status to that of appointed committee member. After discussion of the pros and cons of this proposed change, the group was divided as to the relative importance of the negative consequences, and it was clear that these issues will require further discussion. The role of the Editorial Board was discussed. Editors reached the consensus view that listing areas of expertise for both reviewers and EB members was an important need that perhaps will be met by the new version of Allentrack, due out in September.

Representative from Allen Press were invited to address the editors and review current problems and concerns regarding the Allentrack system: Mike Joseph is manager of the publishing division, Annielaurie Seifert oversees production of *Copeia*. Ms. Seifert described the production process, from manuscript check-in and illustration oversight, to pre-press, printing, binding, and mailing. Problems with the Allentrack system were discussed, ranging from duplicates in the user database, upload of marked manuscripts by SEs, time to upload large files and bandwidth issues, and the low-res pdf versions published by BioOne.

### Old Business

Editor Schaefer revisited the issue of the length of the review process at *Copeia*, noting that from 2005 to 2006 the average duration of the review process has decreased from 4 to 3 months. He further noted that, despite improvement, author complaints remain frequent and that SEs can achieve still further reduction by practicing greater diligence. Problems with negligent and unresponsive reviewers, as well as with authors who continue to submit but never agree to review papers, was discussed. Editors also discussed potential changes to the Allentrack online review interface and the need for more explicit instructions to reviewers.

## New Business

SE Webb offered that *Copeia* lacks a clear statement of the mission of the journal, which should be stated in each issue and on the ASIH website. The need for a specific mission statement was uniformly viewed as high priority for attracting new papers and for shaping a new direction for the journal. Discussion proceeded to items for inclusion on the *Copeia* covers relative to current practice and space constraints. SE Webb offered to forward the text for a draft *Copeia* mission statement to Hank Bart for incorporation to the website. Ideas for other initiatives that might generate renewed interest and increased submissions were shared.

Editor Schaefer concluded the meeting by thanking everyone for their dedication to *Copeia*.

## **15. ENFC: Endowment and Finance Committee - M.L. Warren, Jr. and S.T. Ross**

The Annual ENFC Meeting (15 July 2007, St. Louis, Missouri) was held jointly with the Long-range Planning and Policy Committee (LRPP).

Attendees: Aaron Bauer (ENFC member), Don Buth (LRPP member), Mo Donnelly (ASIH-Secretary), Carol Johnston (LRPP member), Margaret Neighbors (ASIH-Treasurer), Barbara Savitzky (ENFC member), Eric Schultz (ENFC member), Mel Warren (Chair, ENFC).

### Financial state of the society

Treasurer Neighbors briefed the committee on the financial status of ASIH. As of 30 June 2007 the Smith Barney portfolio showed good overall growth relative to market conditions. ASIH cash reserves and cash flow are healthy and at present levels provide a modest buffer for unforeseen financial downturns or unexpected increases in expenditures.

### LRPP Progress Report, Procedures Manual, Analyzing Membership Patterns

Chair Gregory (LRPP) conveyed that he had updates for the Procedures Manual from many committee chairs and needed a volunteer to help with incorporating revisions into the manual. Carol Johnston volunteered to help with that task.

Chair Gregory (LRPP) also conveyed he had received a lot of membership data from Treasurer Neighbors to begin assessing demographic, retention, and other patterns in membership to help identify where and why membership is declining. He called for a volunteer to analyze the data. Treasurer Neighbors volunteered to help analyze that data.

### Recommendation to implement lower dues for individuals in developing countries

**Background:** To disseminate scientific research on amphibians, reptiles, and fishes to individuals throughout the world and to elevate the profile of ASIH and our flagship journal *Copeia*, the ENFC-LRPC recommend that EXEC enact a special, ultra-low membership dues structure over a three-year trial period. The special, ultra-low membership dues would apply

only to individuals in “developing countries.” Other societies have implemented special dues structures to “developing countries” (e.g., American Mathematical Society). A “developing country” is one defined by the World Bank as having a low-income economy (53 countries) and a lower-middle income economy (55 countries). A list of these countries is appended, and it is clear the list essentially constitutes the poorest countries on Earth (Source: <http://web.worldbank.org/WBSITE/EXTERNAL/DATASTATISTICS>).

World Bank “developing countries”:

#### **LOW-INCOME ECONOMIES:**

Afghanistan, Bangladesh, Benin, Burkina Faso, Burundi, Cambodia, Central African Republic, Chad, Comoros, Democratic Republic of Congo, Côte d’Ivoire, Eritrea, Ethiopia, Gambia, Ghana, Guinea, Guinea-Bissau, Haiti, India, Kenya, Democratic Republic of Korea, Kyrgyz Republic, Lao PDR, Liberia, Madagascar, Malawi, Mali, Mauritania, Mongolia, Mozambique, Myanmar, Nepal, Niger, Nigeria, Pakistan, Papua New Guinea, Rwanda, São Tomé and Príncipe, Senegal, Sierra Leone, Solomon Islands, Somalia, Sudan, Tajikistan, Tanzania, Timor-Leste, Togo, Uganda, Uzbekistan, Vietnam, Yemen, Zambia, Zimbabwe

#### **LOWER MIDDLE-INCOME ECONOMIES:**

Albania, Algeria, Angola, Armenia, Azerbaijan, Belarus, Bhutan, Bolivia, Bosnia and Herzegovina, Cameroon, Cape Verde, China, Colombia, Republic of Congo, Cuba, Djibouti, Dominican Republic, Ecuador, Egypt, El Salvador, Fiji, Georgia, Guatemala, Guyana, Honduras, Indonesia, Iran, Iraq, Jamaica, Jordan, Kiribati, Lesotho, Macedonia, Maldives, Marshall Islands, Micronesia, Moldova, Morocco, Namibia, Nicaragua, Paraguay, Peru, Philippines, Samoa, Sri Lanka, Suriname, Swaziland, Syria, Thailand, Tonga, Tunisia, Turkmenistan, Ukraine, Vanatu, West Bank and Gaza

At our meeting, Treasurer Neighbors indicated she did not foresee any financial burdens from initiating this special dues structure. Likewise, Secretary Donnelly fully supported the recommendation but indicated it likely could not be implemented until 2009.

The recommendation was jointly prepared by Chair (LRPP) Gregory and Chair Warren (ENFC) and with minor modification, the ENFC and LRPC agreed unanimously to forward the following recommendation to EXEC for approval.

**Recommendation:** The ENFC and LRPC recommend the following membership dues structure be applied to individuals in developing countries (see World Bank list) for a three-year trial period.

Developing country regular member \$10.00/annum (electronic copy of Copeia only)

Developing country student member \$5.00/annum (electronic copy of Copeia only)

Chair Warren forwarded the recommendation to EXEC and moved that EXEC approve the recommendation in full and that EXEC instruct Secretary Donnelly to enact this special dues structure for individuals in developing countries as soon as possible.

### Special Subscription Structure for other Secondary Schools

The need and desirability to insure that Copeia is available and affordable to high schools (e.g., science high schools, magnet schools) was discussed. Barbara Savitzky agreed to investigate and prepare a recommendation for a special institutional subscriber rate for secondary educational libraries.

### Opportunities for Giving to ASIH

A discussion ensued around ideas of renewing and improving efforts for solicitation of donations to ASIH. Eric Schultz volunteered to develop an informational reminder of the giving opportunities to donate to ASIH. The product is envisioned as an insert in membership renewal notices and perhaps on the web page.

### Declining Membership

A long discussion ensued around the issue of declining membership. Although the current financial health of ASIH is good, the long-term ability of royalties (e.g., Bio-One, J-Stor) to compensate for decreasing revenues from membership is of concern. Chair Warren shared with meeting attendees several graphs depicting trends in various membership categories and institutional subscribers.

### **Other activities subsequent to the Annual Meeting**

Treasurer Neighbors informed the Chair and committee of CD purchases, arrangements for paying awards this year, and routine reallocation of funds in the Smith Barney portfolio. The committee reviewed and approved as necessary the purchases and award arrangements.

Treasurer Neighbors, immediate past ENFC Chair Schultz, current ENFC Chair Warren, and incoming ENFC Chair Ross reviewed and updated a draft of the ENFC section of the ASIH policy and procedures manual. The updated section was forwarded to the Chair of LRPP for incorporation into the revised manual.

Because of changes in guidelines for Federal employees, Mel Warren was required by his employer to resign as both member and chair of ENFC in September rather than continuing to the end of the year. Thanks to Mel for doing an outstanding job during his tenure as chair! Chair-elect Ross assumed the position of chair in September.

In December, Treasurer Neighbors and S. T. Ross talked with Joanne Smith Avella of Smith Barney regarding replacing certain funds held within the ASIH TRAK account. Current mutual fund holdings after the agreed upon changes are shown in Table 4 of the Treasurer's report for 2007. The asset allocation (currently 75% Equities, 25% Fixed) remained the same with all transactions being made with existing asset categories. In addition, Joanne cautioned that interest rates would likely be dropping and recommended that ASIH purchase an additional

Certificate of Deposit (CD) while rates remained higher. Thus, another 1 year CD @ 4.6% for the original purchase price of \$65K was added to the FMA account in December.

Respectfully submitted,

Mel Warren and Steve Ross, ENFC Chairs

## **16. EXEC: Executive Committee - M.A. Donnelly**

The Executive Committee (EXEC) was led by President Richard Mayden during 2007. We were asked to approve the costs of holding the Copeia review committee meeting in Kansas which we did. Because of Carter R. Gilbert's illness, we appointed Joe Nelson to fill Carter's term in 2007. The EXEC voted to support the Graduate Student Participation lunch and we voted to support the annual meeting costs for the Treasurer. The EXEC received a request to reprint the Ahlstrom volume on larval fishes. We were asked to use funds in the Gibbs account to support travel to the meeting to present the award but this request was denied. Treasurer Neighbors informed us that the members of the BOG needed to agree to a Conflict of Interest Statement. Prior Past-President Lynne Parenti modified the original statement for ASIH and this was distributed to the BOG after the July 2007 meeting. The EXEC approved new rates for regular and student members from developing countries (defined by the United Nations). Regular members from developing countries will pay \$10.00/year for *eCopeia* and student members from developing countries will pay \$5.00/year. EXEC received a request to consider special pricing for emeritus members; they will consider this request at their July 2008 meeting. Unfortunately, Mel Warren had to resign as chair of the Endowment and Finance Committee because of work-related restrictions on his volunteer activities. Fortunately, Steven T. Ross assumed the chair of the Endowment and Finance Committee and joined EXEC.

We sadly report the passing of George Folkerts (14 December 2007), Clark Hubbs (3 February 2008), and Dannie Hensley (8 May 2008).

## **17. GFAC: Gaige Fund Award Committee - R.S. Mehta**

The Gaige Committee has deliberated and come to a decision. We received 45 complete proposals. Another 4 applications were incomplete as of the deadline and were not considered. All applicants were notified that they either received or did not receive an award by Sunday, May 11, 2008. We decided to make 10 awards of \$500 each to expend the \$5000 available this year. The winners of the Gaige Award for 2008 are:

**Sarah Becker**, Department of Zoology; Southern Illinois University, Carbondale, IL 62901-6501. "Hanging out with the cool frogs: Microhabitat temperatures' effect on disease susceptibility in anurans."

**Jennifer Chang**, Dept of Biology, Univ of Miami, Coral Gables, FL 33124. "Factors regulating parental care in the strawberry poison dart frog (*Oophaga pumilio*)."

**Sandra Galeano**, Department of Zoology, Southern Illinois University. Carbondale, IL 62901. "Temporal and spatial patterns of *Batrachochytrium dendrobatidis* infection in reservoir amphibians in Central America."



**Robert Hegna**, Department of Biological Sciences, Florida International University, UP Campus – OE 167, 11200 SW 8th St., Miami, FL 33199. “A study of aposematism in the strawberry dart poison frog (*Oophaga pumilio*): The effect of density, spots, and color on predation with a conservation implication.”

**Sarah Hellmuth**, Dept. of Ecology and Evolutionary Biology, University of Colorado, Bolder, Co. “Climate-driven shifts in host-parasite dynamics: consequences for amphibian malformations and mortality.”

**Adam Leland**, School of Life Sciences, University of Nevada, Las Vegas.  
“Geographic Parthenogenesis in Whiptail Lizards (genus *Aspidoscelis*).”

**Mike Osbourne**, Division of Biological Sciences, University of Missouri, 105 Tucker Hall, Columbia, MO 65211. “Effects of Land Use on Initial Juvenile Amphibian Dispersal.”

**Beth Pettitt**, Dept of Ecology, Evolution and Behavior, University of Minnesota, 607 Topping St., St. Paul, MN 55103. “The effect of density, spots, and color on predation with a conservation implication.”

**Gabrielle Radik**, Dept. of Biological Sciences, Ohio University, Athens, OH 45701. “Chytrid, Atrazine, and Tadpole Development.”

**Brooke Talley**, Department of Zoology, Southern Illinois University; Carbondale, Illinois 62901-6501. “Retrospective Survey of Museum specimens for infection by *Batrachochytrium dendrobatidis* in Illinois Amphibians.”

Maureen Donnelly and Margaret Neighbors have been notified in writing. I regret that I will not be at the banquet to present the awards. Michelle Boone will be at the ASIH business meeting to represent the Gage Committee and to update the Board of Governors with this brief report. Taran Grant will rotate to chair the Gage committee next year (2009). I am rotating off the committee after three years of service. The late appointment of our newest member of the Gage Committee this year caused some logistic problems and I strongly recommend that the Chair of the Gage Award, rather than the president of ASIH, be responsible for appointing a new member to the committee each year.

Sincerely,  
Rita Mehta, Chair of Gage Committee 2008

## **18. GSPC: Committee on Graduate Student Participation - M.R. Parker**

The past year has been successful for the graduate students of ASIH, and we have accomplished a lot since the Joint Meeting in St. Louis. The new chair of the Graduate Student Participation Committee (GSPC), Ali Hamilton, has taken on the large task of coordinating the Committee. We had specific aims for the year that I will discuss briefly below. Before I do, I would like to list the graduate students that have been directly involved with the workings of the GSPC this past year: Ali Hamilton, Lara Douglas, Tiffany Schriever, Mallory Eckstut, Devin Bloom, Chris Kenaley, Rocky Parker, Jason Ortega, Alfred Thomson, and Ryan Chabarría.

- 1) Workshop for the 2008 Joint Meeting (head: Tiffany Schriever) – We decided that we wanted to host a workshop at the Montreal meeting, and have settled on the topic of “building a research program.” We have solicited involvement from several faculty (men

and women) at both research and teaching institutions. This effort was excellently handled by Tiffany.

- 2) Book raffle for the 2008 Joint Meeting (head: Jason Ortega) – The GSPC decided to have a raffle at the Montreal meeting, even though the logistics of shipping donated items was discussed as a possible issue. Jason has been organizing the solicitation for donations, and Tiffany Schriever and Devon Bloom are preparing to be on-site coordinators of the raffle.
- 3) Travel Awards for the 2008 Joint Meeting (head: Lara Douglas) – We decided to raise the value of the Travel Awards since this year is an international meeting. Lara has drawn the winners and scheduled their shifts at the Raffle.
- 4) Fundraiser committee (head: Mallory Eckstut) – Considering the Raffle has been purposefully decreased in size this year, we decided to brainstorm and come up with a one-time fundraiser we could offer at the Joint Meeting. Currently, we are deciding to have either a herp racing contest (pick a frog, place a bet, etc.) or a “pie your beloved scientist” event. The likelihood of this event coming to fruition is minimal.
- 5) Graduate-faculty relations (heads: Chris Kenaley and Ali Hamilton) – An issue was raised at the ASIH Graduate Student Meeting at the 2008 Joint Meeting concerning grad-faculty information flow. The graduate students that are involved in ASIH also want to provide input to the faculty, especially when it concerns aspects of being a student member (e.g. fees for membership and meetings). The role of the GSPC *originally* was to also act in this regard. But, we have no formal process for voicing student concerns to the faculty members of ASIH. The most important issue here is the price of the Joint Meeting. This meeting is the most expensive that the majority of students are interested in attending, and many grad members of ASIH cannot afford the Meeting at its current registration price.

In other news, we have recently restructured the Travel Awards. For this year’s Joint Meeting, we have temporarily raised the amount of the Travel Awards to \$300, but reduced the number (5 ich, 5 herp). We did this to also offer a different Travel Award: Intercontinental Travel Awards. These Awards are specifically for students that have to fly from international field sites or from intercontinental locations. We offered these Awards in response to international grad members of the Society that cannot afford to attend the Joint Meeting. In future, we will continue this Award structure, with international meetings requiring the truncated number of higher-value Awards. Once we go back to 8 ich/8 herp at \$300 each, we plan to also offer the Intercontinental Awards (4 total, \$500 each). We decreased the number of Awards to help a) increase the value of individual Awards and b) offer International Awards for students coming from overseas.

One issue that should be discussed by the Board is graduate student involvement. There is a pervasive attitude among the graduate student members of ASIH that involvement in the Society is not an important aspect of their professional development. Unfortunately, the only incentive is the resume boost it can add to one’s c.v. Given this lack of interest and involvement in the Society, getting students to volunteer for grad duties is next to impossible, and we have had several students acting in various capacities for the past three years because replacements do not come around. We need the faculty to help us stimulate interest in being involved in the Society. After being directly involved with the GSPC for the past six years (acting chair for two years and “interim” chair now), I believe that this issue of involvement is of paramount

importance. We need the student members to be active and interested if we expect the Society to survive in the future.

Respectfully submitted,

M. Rockwell (Rocky) Parker

## **19. HSFC: Henry S. Fitch Award Committee - H.B. Shaffer**

Established in 1998, The Henry S. Fitch Award for Excellence in Herpetology is awarded annually in recognition of “an individual for long-term excellence in the study of amphibian and/or reptile biology, based principally on the quality of the awardee's research; consideration is also given to educational and service impacts of the individual's career”. The award is named in honor of our friend and colleague Henry S. Fitch, in recognition of his exceptionally long, productive, and ongoing career.

The Fitch Award Committee for 2008 consisted of Maureen Kearney, Harold K. Voris, H. Bradley Shaffer (Chair). The call for nominations and supporting materials for the Fitch Award was posted on the ASIH website. In response to last year's plea to advertise the award more widely, we also posted the announcement on Evoldir. We received two new nominations in this competition cycle. Although this is an improvement over last year (when no new nominations were submitted), we still feel that we need to do more to bring the existence of this prestigious award to the attention of members of the herpetological community.

One nomination remained active from last year, and from among these three the committee selected one especially deserving individual, who will be recognized at the ASIH plenary session on 24 July at the annual meetings in Montreal. The recipient of the Fitch Award will receive a certificate, a cash award, and an engraved plaque.

## **20. LRPP: Long Range Planning and Policy Committee - P.T. Gregory**

Because so few members of the Long Range Planning and Policy Committee (LRPP), including the committee chair, attended the 2007 JMIH in St. Louis, the LRPP met jointly with the Endowment and Finance Committee. The meeting was held on 15 July 2007. LRPP members present were D. Buth and C. Johnston. Two major items were discussed.

1. **Revision of the ASIH Procedures Manual** – This is an ongoing project that is now nearing completion. The current manual, originally compiled by the LRPP in 1999, is out of date in numerous places with respect to both current practice and current committee structure, and thus needs to be revised. In 2007, we solicited the help of current and recent ASIH officers and committee chairs in revising relevant sections of the manual. Many of those who were approached revised or made comments on sections of the manual and we thank them for their input. We now are putting the revised sections together, along with some general editing of the manual, and hope to have a draft available for submission to EXEC by the 2008 JMIH in Montreal.

2. **Declining Membership in ASIH** – ENFC chair Mel Warren presented data providing strong evidence of a decline in ASIH membership in recent years, which, if projected forward in time, will lead to a considerably reduced membership in a few years. This problem is shared with other scientific societies that have an organismal-biology orientation, but there is no simple solution to it. One possible way to increase ASIH membership would be to make it more affordable for ichthyologists and herpetologists in developing countries via lower rates for those countries.

It also would be useful to track fidelity of membership over time to determine whether or not there are particular demographic or other groups we need to target for maintaining memberships. This is a task that LRPP should discuss at its meeting in 2008.

**Submitted by:** P. Gregory (Chair) for K. Warkentin, C. Johnston, D. Buth, R. Cashner, C. Guyer, M. Warren (*ex officio*)

## **21. MMGT: Meetings Management Committee - R.C. Cashner**

The Meeting Management Committee met in Montreal at the Le Centre Sheraton Hotel, April 16-19. The following committee members, Kansas State Conference Organizers, and representatives of JMIH societies were present.

Chair: Robert Cashner

Members: Brian Crother, Henry Mushinsky (HL and SSAR rep.)

MPLN attendees: Larry Allen, George Burgess (AES rep.), Deanna J. Stouder (MPLN Chair), Maureen Donnelly (ASIH Secretary)

Visiting Participant: David Cundall (HL President)

Kansas State Conference Organizers: Sharon Brookshire, Heide McBride, Derek Larson

Future meeting sites were discussed. The JMIH meetings are set from 2009-2011 and bids are being sought for 2012 and beyond, including locations in the Southeastern US, coastal California, New York, or Mexico. At this time a sites for 2012 are under consideration.

Respectively Submitted,  
Bob Cashner

### **FUTURE MEETINGS:**

2009 Portland, OR, USA (July 22-27)

2010 Providence, RI, USA (July 7-12)

2011 Minneapolis, MN, USA (July 6-11)

## **22. MPLN: Meetings Planning Committee - D.J. Stouder**

Chair: Deanna J. Stouder

Members: Larry Allen, George Burgess (AES rep.), Robert Cashner (MMGT Chair), Maureen Donnelly (ASIH Secretary)

MMGT attendees: Brian Crother, Henry Mushinsky (HL and SSAR rep.)

Visiting Participant: David Cundall (HL President)

Kansas State Conference Organizers: Sharon Brookshire, Heide McBride, Derek Larson

### **Processes in place and working well:**

Using template for scheduling symposia continues to be a great process. We scheduled symposia based on the Chairs' recommendations.

Abstract submission site (with Oxford) working well. However, if two abstracts hit the site at the same time the abstract number will be the same. Mo is working with Oxford to find a way to correct this problem. Next year the abstract site will open in October.

### **Montreal planning meeting for 2008 Joint Meetings of Ichthyologists and Herpetologists:**

During 17-19 April all MPLN members traveled to Montreal to set up the schedule for the upcoming July meeting. We spent three full days during which we reviewed the conference facilities, developed the overall schedule including business meetings, social events, and poster and oral presentations. We scheduled approximately 730 total presentations (symposia and contributed papers; posters) and designated session chairs. Sharon Brookshire and Heide McBride agreed to be the contact person if session chairs have difficulty with their assignments.

Because we have many open slots for papers and posters, we decided to re-open abstract submission and extend early registration until 30 April 2008. This is yet another fabulous venue and we encourage people to attend the 2008 meeting.

By the time we departed Montreal on 20 April, Larry Allen had created an excel spreadsheet of the entire meeting. Mo Donnelly continued to correct and clarify information until they were able to put an accurate program on the ASIH website and provide Kansas State University with all of the needed information for the printed Schedule-at-a-Glance.

## **23. NOMC: Nominating Committee - S.F. Fox**

The Nominating Committee for 2008 was chaired by Stan Fox. Stan worked with the elected members of the committee: Tim Berra, Karsten Hartel, Charles C. Peterson and past-president Rick Mayden to develop the nominations for the 2008 elections. The information on all the candidates is provided in Appendix F.

## **24. RFAC: Raney Fund Award Committee - T.E. Taggart**

The Raney Fund Award Committee included Timothy Targett, Wm. Leo Smith, and Anna George. Timothy Targett served as chair of the committee; this was his final year of service. Wm. Leo Smith has served on the committee for two years and will serve as chair in 2009. Anna George has served on the committee for one year and will serve as chair in 2010.

The committee received 29 applications, with many excellent proposals worthy of support. The committee had \$5,000 to award. As in most previous years the committee awarded \$1,000 to each of the top five applicants.

The 2008 Raney winners are:

**Laura Alberici da Barbiano**, Ph.D. Student, Texas State University: Multiple origins of a gynogenetic species.

**Marcus Cohen**, Ph.D. Student, University of Colorado: Host-parasite interactions: the role of visual cues used by *Synodontis multipunctatus* (an obligate brood parasite).

**Justin Golub**, Ph.D. Student, Clark University: Embryonic predator recognition in the adaptive radiation of stickleback in North America.

**Mary Hart**, Ph.D. Student, University of Kentucky: Environmental effects on sex allocation in an egg-trading simultaneous hermaphrodite (*Serranus tortugarum*): examining patterns across multiple scales.

**Katherine Shaw**, Ph.D. Student, University of Connecticut: Ancestral variation and the evolution of sneaking behavior in the adaptive radiation of threespine stickleback (*Gasterosteus aculeatus* L.).

Respectfully submitted,

Timothy E. Targett, Chair

## **25. RHGC: Robert H. Gibbs, Jr. Memorial Award Committee - C.R. Gilbert**

In March and April 2008 the Robert H. Gibbs, Jr. Memorial Award Committee (Carter R. Gilbert, University of Florida; Richard Winterbottom, Royal Ontario Museum; and Lara Ferry-Graham, Moss Landing Marine Laboratory) evaluated the credentials of four nominees for the 2008 award for excellence in Systematic Ichthyology. (Winterbottom was a recent replacement for Ted Pietsch, who earlier had resigned from the committee). The recipient for 2008, the 20<sup>th</sup> since inception of the award, will be announced at the plenary session of the annual ASIH meeting in Montreal, Quebec, Canada in July.

The Committee will continue to announce and promote the award through publication of notices in scientific journals, including *Copeia*. Following this year's annual meeting, the Committee will forward the announcement of the winner for 2008 to appropriate journals, along with a request for nominations for future years. A full page detailing the winner's accomplishments, together with a photograph, will appear in *Copeia* 2008, no. 4, similar to that found in *Copeia* 2008, no. 1, page 2. As with previous awardees, this year's recipient will be encouraged to submit a paper in systematic ichthyology (following the normal editorial review process) in the second year following the award as a lead ichthyological paper in *Copeia*.

## **26. RKJC: Robert K. Johnson Award Committee - F.C. McCormick**

The 2007 Robert K. Johnson Committee was chaired by Harvey Lillywhite with members Brian Crother and Frank McCormick. The Robert K. Johnson Award is presented by the ASIH to a member of the society who performs exceptional service for the ASIH as

exemplified by Bob Johnson's legacy. Bob served on many ASIH committees, four terms as a member of the Board of Governors, was Managing Editor of Copeia, Secretary, and Chair of the Long Range Planning and Policy Committee. As chair of the Long Range Planning and Policy Committee, he developed a policy and procedures manual for the Society that guides the work of the volunteers who govern it. The recipient of the award in 2007 was **Alan H. Savitzky**. A past president of the Society, he served on the Executive Committee for 8 years and is a member of the Board of Governors. He has served on many of the Society's most important committees.

In 2008, the members were Margaret Neighbors, Brian Crother, and Frank McCormick (Chair). The Committee received four nominations via letter or email from members. The 2008 recipient will be announced during the plenary session at the 2008 Annual Meeting in Montreal, Canada.

## **27. STAC: Student Awards Committee - E.Taylor**

Prior to the 2008 meeting, President-Elect John Lundberg and Emily Taylor (chair for 2008) lined up the judges for the Stoye and Storer competitions. The judges and the award winners will be announced at the Annual Banquet.

## **28. AESR: Representative to the American Elasmobranch Society - G.H. Burgess**

The American Elasmobranch Society (AES) held its 23rd Annual Meeting conjunction with the 86th Annual Meeting of the American Society of Ichthyologists and Herpetologists in St. Louis on July 11-16, 2007, continuing an organizational partnership honored since AES's inception. The contributions of ASIH local chairs, the Meeting Planning Committee, and the Event Coordinators (the outstanding Kansas State staff) insured the meetings were a great success. The meeting attracted more than 200 AES members and societal "crossovers." The comprehensive program consisted multiple concurrent contributed oral presentations and one poster session, plus the traditional open slide/video session. Contributed sessions addressed behavior, biochemistry, ecology, fisheries, life history, movements, physiology, population dynamics, and systematics.

Elected AES officers for 2008 are President Kenneth J. Goldman, Secretary Cami McCandless, and Treasurer Dan Ha. Elected Board of Governors are Alan Henningsen, Colin Simpfendorfer, Dave Koester, Adam Summers, Sonja Fordham, Ed Heist, John Carlson, Steve Kajiura, Dave Ebert, and Greg Skomal.

AES thanks ASIH for its continued support of joint meetings and will meet in Montreal July 2008 in association with the 2008 ASIH annual meetings.

## **29. AFSR: Representative to the American Fisheries Society - M.L. Warren, Jr.**

Warren reports on several AFS activities and publications. The 137th annual meeting of the American Fisheries Society in San Francisco, California, the second largest AFS meeting ever, hosted over 2,650 attendees, featured over 1,800 oral and 350 poster presentations, and sponsored 61 symposia running in 23 concurrent sessions. The theme for the meeting was

“Thinking Downstream and Downcurrent.” The symposia topics included biology and conservation of lampreys, North American sturgeon conservation and recovery, dam removal, fishery impacts on deep sea coral habitats, and conservation practices in agricultural habitats, and other focus topics of interest to many ASIH members.

For the 2008 meeting in Ottawa, Canada, AFS is proposing to incorporate “speed” presentations in conjunction with symposia. The speed presentation is based on a poster, but the author is allocated three minutes and three power point slides to orally highlight major findings on the poster. The speed presentations are part of a symposium format separate from the ordinary poster sessions. The speed presentation concept is being tried because poster sessions are not always as successful as intended. ASIH meeting planners might consider this concept for future ASIH meetings.

The journal Fisheries covered important topics on conservation and other areas. The June issue of Fisheries features an article on the collapse of pelagic fishes in the upper San Francisco estuary, a loss that has major economic and ecological consequences. In the July Fisheries, the Forum section features reports on Mesoamerican migratory shrimp and fish threatened by a wave of hydro dam construction and the initial and negative effects of China’s Three Gorges Dam on native carp fisheries. The August issue includes a conservation assessment of all North American crayfishes, a follow-up to an assessment done a decade ago. On an issue facing ASIH, past presidents of the AFS fisheries management section make a sales pitch in the October issue for members to join AFS and the fish management section. They cite a decreasing number of dues paying members as a concern for the ability of the section to function; ASIH has similar concerns.

### **30. AIBS: Representative to the American Institute of Biological Sciences and BioOne - A. H. Savitzky**

This is the combined report of the Representative to AIBS and BioOne. The representative attended the annual BioOne Publishers and Partners meeting in April and the annual meeting and associated activities of the AIBS in May 2008. AIBS is an umbrella organization representing about 200 societies, most with a focus on organismal or environmental biology. BioOne is a nonprofit consortium that provides electronic publishing services for biological journals, many of them published by member societies of AIBS. The society representative also serves on the Board of Directors of AIBS and is a member of the newly established Community Advisory Council of BioOne.

#### **American Institute of Biological Sciences**

Six days of meetings involving AIBS were held in May 2008. These included the AIBS Board meeting, the annual meeting, the Council meeting (consisting of representatives of the member societies of AIBS), and a two-day Education Summit sponsored by AIBS and NSF. The AIBS Board heard a presentation by James Collins of NSF on the future of the biological sciences and the need for additional integration of the field across all levels of organization. The Board agreed that AIBS was the appropriate organization to lead a coalition to address that issue, as well as to argue for the funding necessary to support such an initiative, and AIBS President Rita Colwell later announced to the Council that the society plans to approach NSF for funding to lead such a broad coalition.



AIBS continues to serve its member societies in two major areas, public policy and education. Both of these offices were again consumed during the year with issues surrounding the teaching of evolution. Anti-evolution bills appeared in several state legislatures under the new guise of “academic freedom” bills, with the tag line “teach the controversy” – the problem being, of course, that there is no substantive controversy among biologists regarding the fact of evolution. Such bills are simply an attempt to re-introduce “intelligent design” curricula where they have previously been defeated or ruled unconstitutional. The Public Policy Office and elected officers of AIBS were active in providing authoritative arguments for their defeat. A related development involved the release of a feature film entitled “Expelled,” which purported to reveal the suppression of scientists supporting “intelligent design.” The National Center for Science Education, which often works closely with AIBS, established a website ([www.ExpelledExposed.com](http://www.ExpelledExposed.com)) to provide factual information to dispel the arguments presented in the film. Other public policy activity by AIBS was directed toward monitoring and supporting the funding of biological research by NSF, which continues to lag far behind support for NIH under the present administration.

Two members of the AIBS Public Policy Office, Holly Menninger and Robert Gropp, published a booklet in 2008 entitled *Communicating Science: A Primer for Working with the Media*, which is available from the AIBS for \$10.00. The booklet provides useful information on dealing with both print and broadcast media, including helpful advice on avoiding pitfalls in the presentation of science in news media, which increasingly are viewed as entertainment. Staff of the Public Policy Office also are available to conduct workshops on this topic at member societies’ meetings, if supported by the societies.

As traditional, the annual meeting of AIBS centered around a single major theme selected by the President. This year’s meeting was devoted to Climate Change and Human Health and featured internationally prominent speakers, including James Hansen of NASA and a number of speakers discussing the increasing threat of emerging diseases, such as dengue. The council meeting, held the following day, heard presentations from BioOne, the Encyclopedia of Life, and the Biodiversity Heritage Library, among others; these organizations are discussed in the report on BioOne, below.

The AIBS meetings were followed by an Education Summit, convened by AIBS and NSF at the headquarters of AAAS. The Summit was attended by representatives of numerous professional societies. The meeting, which dealt exclusively with undergraduate education in biology, began with a half-day “conversation” designed to provide feedback to NSF about perceived issues influencing undergraduate training. A representative of NSF noted that, as a result of several such “conversations,” three important elements were emerging in relation to undergraduate education. The first was the idea of “concept literacy,” with professional societies serving a role as “stewards of the discipline.” The other two elements were the role of “experiential learning” and the changing “career horizons” of biology graduates. From NSF’s perspective, the next step may be to convene a meeting of representatives from 15-20 large societies to continue the discussion of undergraduate training, and to solicit proposals for Research Coordination Networks (RCN grants) devoted to undergraduate education.

The NSF “conversation” was followed by the Summit itself, which consisted primarily of presentations on a range of subjects from threats to the teaching of evolution to increasing the involvement of under-represented groups and the future of textbook publishing in biology. In regard to the latter, a representative of McGraw-Hill said that he is informing his authors that

they should plan on having only one or two more editions published in print, before textbooks become exclusively electronic. The publishers apparently are concerned about how they will maintain their profits in an entirely digital textbook environment, but the comment also has broad implications for scholarly publishing.

Another important element of the Summit was discussion of the pros and cons of establishing national standards for undergraduate programs in biology. Even broad standards might be difficult to apply to very diverse institutions that now offer a biology major. On the other hand, such general standards might protect departments against erosion of faculty and of key elements of the curriculum, including organismal and field biology. The point was made that some universities receive accreditation from their regional boards despite teaching such subjects as young-earth geology and rejecting evolutionary biology. Accreditation of undergraduate programs may help to avoid such situations, in a manner similar to the accreditation of chemistry programs by the American Chemical Society. This issue, and others arising from the Summit, will be the subject of continuing activities and consultations involving AIBS.

### **BioOne**

BioOne held its annual one-day meeting of representatives from publishers (primarily professional societies), academic libraries, and a few commercial presses. The program included updates on BioOne activities and presentations on several related topics, including one by the director of BioOne's Japanese partner, UniBio.

Susan Skomal, Chief Operating Officer of BioOne, provided an update on the status of the organization. The consortium is now eight years old and publishes two collections of journals. BioOne.1 contains 86 journals, 72 of which are ranked by ISI; BioOne.2, a newer collection that is still growing, presently includes 49 journals. Eight journals are included in the Open Access collection. In total, BioOne represents 102 publishers, and has now published 64,167 articles and 89,500 pages. Among those articles, 64% of the authors were from the U.S.; the other 36% represented 91% of the remaining countries, demonstrating a strong international component to the BioOne journals. The collections showed a 20% increase in the number of hits in 2007 over the previous year, and revenue-sharing (return of royalties to publishers) increased 32% in 2007. The price per title was approximately \$200 for each of the two BioOne collections, far lower than those of most commercial publishers, and the cost would not increase in 2008 (in fact, it would decrease for BioOne.2, as additional titles continue to be added to that collection).

The major development in the coming year will be the migration of BioOne to a new platform, in collaboration with Atypon Systems, Portico, and Allen Press. In addition to giving BioOne itself a new look, the new platform will provide important advantages for publishers (societies), libraries, and users. Among these are "self-administrable" society and publication web pages, so the publishers can control the gateway to their own journals and can update those pages at any time. Rotating and time-metered advertising will be possible on those pages. Libraries will also be able to customize their interface with BioOne journals. The new system will more effectively handle multi-part sections of journals, such as book reviews and obituaries. There will be "toll-free" linking between BioOne journals and other journals in the collections, so individuals whose libraries subscribe only to BioOne.1, for example, would nonetheless link seamlessly to cited articles in journals belonging to the BioOne.2 collection. There will also be

links to the Biodiversity Heritage Library (see below). Individuals will be able to receive electronic alerts to new articles using keywords, in addition to the electronic table of content alerts already available. The new platform will be launched on 6 January 2009.

Catherine Norton, Deputy Director of the Biodiversity Heritage Library ([www.biodiversitylibrary.org](http://www.biodiversitylibrary.org)), provided a detailed update on that project, which is an element of the broader Encyclopedia of Life that was launched in May 2007 with major funding from foundations and several large biodiversity institutions. The goal of the BHL is to produce an open-access digital library of the biodiversity literature, which includes about 5.4 million books dating back to 1469, as well as 800,000 monographs, and 40,000 journal titles (12,500 of them current). About 50% of this literature dates to pre-1923 and therefore is unprotected by copyright. Major scanning centers are situated in New York City and Boston, and scanning is proceeding rapidly. To date the BHL has scanned over 3,000 titles, 7,500 volumes, and about 5.5 million pages. It was pointed out that most of the literature is housed in the Northern Hemisphere, whereas most of the biodiversity itself is in the Southern Hemisphere. Thus, BHL regards its activity as involving, in part, the “repatriation” of the biodiversity literature, by providing free global access. The case of the *Biologia Centrali-Americana* was described. There are only 15 print copies of that work in libraries: eight in the U.S. and Canada, five in Europe, two in Mexico and Central America, and none in South America. The BHL has now scanned that work, and it will be available to all interested readers. Other issues discussed include the development of indexes using “taxonomic intelligence” and “biodiversity informatics,” to deal with the complexities of searching by taxonomic names.

Another presentation dealt with the complex issue of citation analysis tools and impact factors. In addition to the use of such tools for evaluation of faculty, librarians use them to make decisions regarding which subscriptions to maintain. Although the Web of Science’s Science Citation Index (SCI) is the common standard for such analysis, it was pointed out that Google Scholar covers more journals than SCI (which covers about 5,800 titles) and sometimes reports much higher numbers of citations. The impact factors generated by the ISI Web of Science Journal Citation Reports (JCR) have been questioned because in some cases they have not shown to be replicable. They also are calculated only for citations in other journals in the same database and are based on a two-year citation window, which clearly represents too short a citation half-life than is reasonable for publications in organismal biology. Scopus, produced by Elsevier, is a new competitor to the Web of Science and includes 15,000 titles in its database. SCImago ([www.scimagojr.com](http://www.scimagojr.com)), is a free product produced by a consortium in Spain. It is based on the Scopus database but uses an eight-year citation window. The Bergstrom lab in the Department of Biology, University of Washington, which has been studying the issue of citation analysis carefully, generates two rankings. The Eigenfactor is a measure of the amount of time a journal’s content is likely to be used by scholars, based on the number of citations; Article Influence is a measure of the impact of specific papers. Finally, a new product from Los Alamos, MESUR, was expected to be online within a month of the meeting, providing a citation analysis system based on the large Google database. It was pointed out that the dominant ISI Impact Factor is an especially pernicious influence on science in developing countries, by placing too great an emphasis on publication in nominally high-impact journals and by unduly influencing library subscriptions.

Another presentation dealt with publication agreements and the assignment of copyright. The trend in scholarly publishing, encouraged by BioOne, is for authors to retain copyright to their material. Under such a system, the author grants the journal a license to publish the

material. New standards are expected in the future, due to evolving publication technologies, including the possibility that rights will extend to content, but not format (that is, words will be copyrighted, but not journal typesetting). BioOne has produced a new Model Publication Agreement that it encourages society publishers to consider for use.

During the discussion period, the question arose concerning whether we can still expect to see a transition from print to online-only publication. The answer from a staff member of BioOne was that such a transition was indeed still coming, and sooner than we expect. One participant noted that the Editor for the American Society of Microbiology plans to recommend to the society's board that it change to online-only publication in 2009, an indication of how pressing this issue has become. A representative of Allen Press agreed that such a transition is coming, but that it is not quite here yet. However, another Allen Press employee noted that there generally has been a slow but continual decline in print runs for their journals, and that it may soon reach a tipping point where print is no longer economically feasible. An intriguing alternative, however, may be print-on-demand, where the archival version of a journal is the electronic one (as is already the case with many journals), but individuals may order a non-archival, and therefore relatively inexpensive, print copy at their request. It may further be possible to customize the print-on-demand service, so an individual could maintain a profile that would automatically generate a print copy of only those papers in a given journal that cover specific, user-designated subjects. In any event, the impact of online-only publication on the size of society memberships is now a matter of immediate concern and should be the subject of proactive planning.

### **31. AIBS Education Summit Report - H.R. Mushinsky**

Henry Mushinsky and Larry Allen attended this summit as representatives of the American Society of Ichthyologists and Herpetologists. The format included presentations by various NSF and AAAS directors and a wide variety of K-12 education experts as well as small group discussions with representatives of many scientific societies. Discussions were focused on answering the basic question:

*What can societies do to facilitate change in undergraduate and graduate education?*

**SUMMARY: Major conclusions (and potential solutions):**

- Funding for new **undergrad education programs** is not available; we especially need support for lab and field research and attendance at meetings by undergraduates.
- *We need funding to recruit additional undergrads (not just traditionally represented groups) for research experiences, and perhaps have workshops or sharing of ideas to integrate hands-on experiences into large courses and non-majors courses. This could be through the societies (e.g. ESA SEEDs program), but funding will likely need to be external.*
- Recognition of teaching as being important; support for faculty, grad student, and post-doc professional development about undergraduate education, and support for undergrad research experiences, is lacking. There is a negative impact on education of the publish or perish attitude (education symposia not sexy enough at meetings)
- *Facilitate members of education committees to attend meetings of other scientific societies (ie through funding, or an exchange), and have joint meetings with groups like NABT; Societies should recognize faculty who are strong educators, e.g. with awards; societies*

*and ideally AIBS should write a statement about the importance of teaching and how it should be valued in tenure and promotion decisions.*

- The ASIH President should consider the formation of a new Education and Human Resources Committee to facilitate society initiatives to promote undergraduate education within the ASIH.

## **32. CONS: Conservation Committee - F.H. McCormick**

**Summary.** The Conservation Committee was very active in the 2007 calendar year, responding to conservation issues for both fish and amphibians. In 2007, the Committee prepared comments or letters for President Mayden's signature to Canadian ministries, the Department of the Interior, the US Fish and Wildlife Service, and state agencies. The revision of the AFS list on threatened and endangered fishes, on which several committee members had been working, was completed.

### **Actions taken.**

1. Worked to organize the Conservation Symposium on **Biodiversity and Agricultural Sustainability in North America** for the Montreal meeting. Fourteen speakers were invited to present their work.
2. Drafted a letter for President Mayden's signature that commented on the listing status of five federally threatened or endangered species and strongly supported the designation of critical habitat for the species at risk.
3. Drafted a letter for President Mayden's signature that criticized the Draft Environmental Impact Statement prepared by the U.S. Office of Surface Mining Reclamation and Enforcement over the proposed modification of the stream buffer rule. The proposed rule would have improperly eased restrictions on stream-valley filling and cause additional destruction of headwater stream ecosystems.
4. Drafted a letter for President Mayden's signature to the Minister of Fisheries and Oceans and Minister of the Environment that detailed the importance of the protections afforded to imperiled species under SARA and urges an equal footing for fish species that had heretofore been underprotected.
5. Drafted a letter for President Mayden's signature to the Texas Parks and Wildlife Department urging TPWD to devote resources to determining the status of the Alligator Gar and identify potential threats to its existence.
6. Drafted a letter for President Mayden's signature to Mr. Ken Haddad, Executive Director of the Florida Fish and Wildlife Conservation Commission that proposed a conservation strategy for the Gopher Tortoise.
7. Drafted a letter to Mr. Jim Bartel, Field Supervisor of the US Fish and Wildlife Service's Carlsbad Fish and Wildlife Office providing comment on the Coachella Valley multiple species critical habitat designation and the adaptive management provisions in it. The letter expressed general support for the concept of the plan and recommended a rigorous monitoring program to evaluate its effectiveness.
8. Drafted a letter for President Mayden's signature that criticized a story in Audubon Magazine that advocated use of topminnows or Eastern Mosquitofish (*Gambusia affinis*) for garden ponds to control mosquito larvae. The letter cited the known consequences of introductions of non-indigenous species, particularly mosquitofish.

9. Worked with the joint societies to prepare a resolution and draft a letter for President Mayden's signature that strongly endorsed the Amphibian Conservation Action Plan under the aegis of the Amphibian Specialist Group of SSC/IUCN and the formation of the Amphibian Survival Alliance to combat amphibian extinctions.
10. Jointly adopted five resolutions brought forward by the American Elasmobranch Society. The resolutions dealt with U.S. Western Northwest Atlantic Spiny Dogfish, European Shark Conservation, the International Commission for the Conservation of Atlantic Tunas (ICCAT), Northwest Atlantic Sandbar & Porbeagle Sharks, and Northwest Atlantic Skates.

Respectfully submitted,

Frank H. McCormick, Chair.  
29 May, 2008

### **33. ELHR: Representative to the Early Life History Section of the American Fisheries Society - J. Webb**

The Early Life History section of AFS (<http://www.ncsu.edu/elhs/index.html>) will be meeting in 2008 in Kiel, Germany (32nd Annual Larval Fish Conference, August 4-7; <http://www.larvalfishcon.org/>). Theme sessions are: Larval Ecology Linked to Physical Processes, Aquaculture and Stock Enhancement of Early Life Stages, Early Life History Strategies of Fish and Cephalopods, Larval Fish and Cephalopod Taxonomy, Developmental Fish Physiology: Exploring New Frontiers in Larval Biology, and Databases and Tools on Early Life Stages. In 2009, the Early Life History section of AFS will hold the 33rd Annual Larval Fish Conference with us at the JMIH in Portland, OR (contact: Doug Markle, [douglas.markle@orst.edu](mailto:douglas.markle@orst.edu)).

### **34. NSCAR: Representative to the Natural Science Collections Alliance - L.M. Page**

The 2008 annual meeting of the Natural Science Collections Alliance (NSCA) was held jointly with the Society for the Preservation of Natural History Collections (SPNHC) at the Sam Noble Oklahoma Museum of Natural History in Oklahoma City, OK, on 13-17 May. The theme of the meeting was "Collection Stewardship: Challenges in a Changing World," with a focus on subjects and topics relevant to the challenges faced by natural history collections.

The U.S. National Science Foundation (NSF) has awarded a Research Coordination Network (RCN) grant to contribute to the development of natural history collections community in the United States. The NSCA, SPNHC, and American Institute of Biological Sciences (AIBS) are participants in the RCN. Funding for the RCN will be used for a number of web resources for the collections community and a series of workshops and symposia dealing with issues of importance relating to collections. To share information and facilitate the work of the RCN, a new web site, [www.CollectionsWeb.org](http://www.CollectionsWeb.org), has been launched. The site provides an overview of the project, announces upcoming workshops and symposia, and provides links to community-

wide resources. Core participants in the RCN include ASIH members Henry L. Bart (on the steering committee) and Larry M. Page.

### **35. PNHC: Representative to the Society for the Preservation of Natural History Collections - J.E. Simmons**

The 22nd annual meeting of the Society for the Preservation of Natural History Collections (SPNHC; [www.spnhc.org](http://www.spnhc.org)) was held at the Science Museum of Minnesota in St. Paul, Minnesota, from 21-26 May 2007. The theme of the meeting was “Building for the Future: Museums of the 21<sup>st</sup> Century.” The program featured a number of presentations by architects, museum directors, and collections managers on the planning, design, construction, and occupation of new and renovated museum facilities. Among the papers of particular interest to ASIH members was “Case study for smaller research museums: design for storage of fluid-preserved research collections” (A.M. Snyder and S.P. Platania). A .pdf copy of the meeting program and abstracts is available at <http://www.smm.org/spnhc/abstracts.pdf>. Two issues of the SPNHC Newsletter were published in 2007. Articles of interest to ASIH members in number 21(1) include “Cyberinfrastructure and the natural history collections community” (G. Guala) and “What can you ship via FedEx and DHL? Sorting out the confusion) (E. Paul).

### **36. HSOC: Representative to the SSAR and the HL - A.H. Savitzky**

Interactions among ASIH, HL, and SSAR continue to revolve primarily around the Meeting Planning Committee and the Joint Conservation Committee. Discussions of establishing a Joint Education Committee, begun two years ago, are likely to accelerate in the wake of the AIBS/NSF Education Summit attended by representatives of the three societies (see report of the Representative to AIBS).

Discussions regarding a closer administrative link among the three societies, broached in 2005, have proceeded slowly and informally, but the need for such a structure is increasing as individual memberships in organismally oriented societies continue to decline. The demographics of such societies are shifting toward an older membership, and the inevitable end of print journals (which is expected to hasten membership declines) is approaching rapidly. Formal discussions of this important issue, last held in 2005, are urgently needed.

### **37. IHCC: Ichthyological and Herpetological Collections Committee - J. Rosado**

The committee had two goals this past year: 1) To raise funds for a possible workshop to be given at this year’s annual meeting on the issue of shipment of hazardous material and biological specimens as it affects natural history collections and 2) To complete the collections survey initiated in 2006.

1. Proposed workshop was intended to be chaired by Dr, Andy Bentley and would have brought together agencies and companies that most directly determine what may be shipped and how , i.e. IATA, DOT, UPS, DHL, FedEx, etc. IHCC chair Jose Rosado and Andy Bentley worked on this proposed workshop but unfortunately, the committee

was unable to raise the needed funding to bring these representatives to St. Louis. The committee was able to get commitments for \$1,500 but fell short of the estimated minimum needed to sponsor such an event..

2. ASIH Collections Survey: The survey is ongoing and yet to be summarized.

Respectfully submitted

Jose Rosado,  
Chair, Ichthyological and Herpetological Collections Committee

### **38. NFJC: Joint ASIH -AFS Committee on Names of Fishes - J.S. Nelson**

The Joint AFS/ASIH Committee on Names of Fishes, Joseph S. Nelson, Chair, reported that the committee and its advisory subcommittee met 16 July, 1200-1330+ hrs at the 2007 ASIH conference in St Louis, Missouri. The meeting was attended by committee members (6 of 8) Héctor Espinosa-Pérez, Lloyd Findley, Bob Lea, Joe Nelson (chaired meeting), Rick Mayden, and Larry Page, by advisory subcommittee members (7 of 18) George Burgess, Bruce Collette, Bill Eschmeyer, Karsten Hartel, Ramón Ruiz-Carus, Wayne Starnes, and H. J. Walker, Jr., and 3 additional colleagues, Juan-Jacobo Schmitter-Soto (since added to the advisory subcommittee), Matt Craig, and Leo Smith.

Items discussed included (but not restricted to): Serranidae/Epinephelidae (considerations in dealing with a paper by Smith and Craig in *Copeia* 2007:35-55), *Cichlasoma* (breaking up this artificial genus of Cichlidae as previously recognized), superscript symbol to use in the names list to denote those common names in English that contain a proper noun, plans to add the common names in French for all species in Canada, and hope to designate those species occurring in the Arctic Ocean.

A very critical dedicated committee meeting consisting of Joe Nelson, Héctor Espinosa-Pérez, Lloyd Findley, Carter Gilbert, Bob Lea, Nick Mandrak, Rick Mayden, and Larry Page, will be held in Mexico City (at Héctor's institution, Instituto de Biología, Universidad Nacional Autónoma de México) at least 22-27 March 2009 (travel dates being the 22<sup>nd</sup> & 27<sup>th</sup>) to resolve numerous issues and produce a reasonably polished manuscript. Travel expenses have been requested from AFS and ASIH (it is important for the success of the meeting that full amounts requested be granted).

Challenges continue with having our common names be truly reflective of actual use (while adhering to our Principles—there are fewer than 4 names which we must address) given our long-standing principle and practice of striving to maintain stability and in dealing with numerous proposals in changing taxonomy/nomenclature of species in the list (e.g., generic placement and species recognition) in our continuing practice of considering the best expert advice available to meet our objectives.

A working list for all changes to the 2004 list is in preparation for the 2010 revised “Common and scientific names of fishes from the United States, Canada, and Mexico, 7th edition”. We will submit the completed manuscript in late 2009 for publication in 2010.

Joe Nelson, Bob Lea, and Nick Mandrak of the Committee and Claude Renaud (an advisor for lamprey taxonomy and French language and since added to the advisory subcommittee) met 3 September 2007 at the AFS annual meeting in San Francisco. We also had



productive discussions with Aaron Lerner on editorial and other publishing matters (AFS Publications Director).

Members are actively preparing new additions/emendations and answering email questions from organizations, biologists, and the public.

The committee extends its deepest thanks to the very supportive advisory subcommittee and to all workers who aided us during the past year. We look forward to the active help of all ichthyologists.

The committee will meet Saturday 26 July, 1200-1500+ hrs (Salon 3) at this year's ASIH annual meeting in Montreal (as in the past, all individuals interested in the committees' work are warmly invited to attend and interact). A meeting of available committee members and other interested individuals may be held at this year's AFS meeting in Ottawa.

### **39. SPUC: Special Publications Committee - J.W. Armbruster**

The sales data are summarized below and on attached accounting form (Appendix F):

#### **Total Sales Figures**

Special Publication #3:	2004: 16 copies,	\$542.00
	2005: 14 copies	\$448.50
	2006: 13 copies	\$453.00
	2007: 14 copies	\$440.25
Special Publication #4:	2004: 16 copies,	\$601.50
	2005: 19 copies	\$811.00
	2006: 18 copies	\$604.00
	2007: 14 copies	\$499.00
Special Publication #5:	2004: 97 copies,	\$10,540.00
	2005: 49 copies	\$5,432.00
	2006: 22 full sets, 4 volume 2, 3 Volume 3	\$2494.00
	2007: 8 full sets, 38 individual volumes	\$1962.00

#### **Proposal #1: *An Empirical Synthetic Pattern Study of Gars (Lepisosteiformes) and Closely Related Species, Based Mostly on Skeletal Anatomy. The Resurrection of Holostei.* Lance Grande**

Lance Grande has submitted the following proposal for publishing a book through ASIH Special Publications. The book appears to be of excellent quality, and is the second in a series with the first having been published on Amiiiformes. The Amiiiformes book was published as a memoir through the Journal of Vertebrate Paleontology and was mailed for free to all members of the Society of Vertebrate Paleontology. More than 2000 were distributed in this way. The Society of Vertebrate Paleontology told me that they usually print at their expense a couple hundred more copies to sell.

## Considerations

The members of SPUC believes that if ASIH is to continue to publish special publications, this book is a good model. Main publication costs are to be covered by the author and very little will be needed to market the book as it will be sent to members free of charge. The proposal has a few problems that will hopefully be addressed in an addendum prior to the BOG meeting.

1. Who would receive the book? We have a choice of 1. All members, 2. Just ichthyologists, 3. Develop an opt-out strategy with the need to check a box when paying annual dues or at a future ASIH meeting. SPUC recommends the third option. Additionally, we should provide the book to institutional subscriptions and absorb the cost of shipping.
2. The proposal is to send out the book bundled with Copeia, but how much would this cost to the Society? The Journal of Paleontology has an established Memoirs series that is regularly mailed with the journal when memoirs are published, but Copeia has no such system in place. SPUC suggests that the opt-out procedure could also include an extra payment for shipping costs. The book itself would be provided for free. Without a standard memoir series, it is likely that the costs to mail the book to all members may be prohibitive and that the opt-out procedure would ensure that we do have the funds to mail the books.
3. How will copy-editing be handled? Currently Grande is editing the book himself. SPUC recommends that SPUC chair Armbruster view the reviews of the book to make sure that peer reviewers agree that the book is acceptable. Copy editing services at Copeia are not available to this project. SPUC chair Armbruster can aid Grande with copy-editing.
4. How much will extra copies cost and how many will ASIH purchase? Most of the market will be served via free copies either via ASIH or through Grande, but a small market will remain. Sales through Amazon.com for other special publications have actually been decent, and we could expect to sell some more copies there as well as on the Allen Press website. The previous volume through the American Paleontology Society had modest sales, and the Journal of Paleontology purchases several hundred additional copies of memoirs. The number of copies can be decided upon after we have hard numbers on publication costs.

## I. **Proposal 2: Making the Out of Print Special Publications (1-2) Accessible**

A recommendation was put forward to reprint Special Publication #2; however, we felt that this would not likely achieve sales to recoup costs. With the advent of the internet, we feel that we should make high quality pdf's with searching capabilities of all of the currently unavailable special publications. Google Books will scan any books provided by a publisher and put them up on the web. We suggest that the two out of print books be sent to Google to be scanned and made available. Given the quality of the figures in Special Publication 2, we will assess the quality of the scans from Google and perhaps rescan the figures and place them on the ASIH

server if need be. There is no cost to have Google scan the books, so this seems like a good option to keep the books useful to future generations.

## **PROPOSAL FROM LANCE GRANDE:**

**Lance Grande**

**Division of Collections and Research**

**Field Museum, Chicago**

**Proposal to ASIH for publication of special publication, book entitled *An Empirical Synthetic Pattern Study of Gars (Lepisosteiformes) and Closely Related Species, Based Mostly on Skeletal Anatomy. The Resurrection of Holostei.***

### **Abstract and Size of Publication**

I am proposing to publish the second volume of my comprehensive phylogenetic, anatomical, and taxonomic study of neopterygian fishes in the ASIH Special Publication series. The first volume (the amiiform volume) was published by the Society of Vertebrate Paleontology (*A Comprehensive Phylogenetic Study of Amiid Fishes [Amiidae] Based on Skeletal Anatomy. An Empirical Search for Interconnected Patterns of Natural History* by Grande and Bemis [1998].) That volume received extremely strong reviews (e.g., see reviews in *Science* and *Copeia*, attachments 1 and 2). The volume that I am now submitting (the lepisosteiform volume) took me eight years to complete. I wish to publish this volume through the ASIH rather than SVP for two reasons. First, SVP moved their journals from Allen Press to a publisher with inferior figure reproduction. Because I have over 1400 figures in the lepisosteiform volume, figure quality is an obvious concern for me. ASIH is still with Allen Press. (I also have had a very good working relationship with the people at Allen Press since their publication of the amiiform volume.) The second reason I want to move to ASIH is that the lepisosteiform volume focuses more on extant fishes than the amiiform volume did.

The lepisosteiform volume is slightly larger than the amiiform volume with 945 ms. pages (not including captions), 184 tables, 556 plates (most full page, with some color, and containing our 1400 images and line drawings) and 16 pages of appendices. I suspect this will result in a book of about 900 (large format) pages, and will cost between \$80,000–\$100,000 in page charges for a print run of 3,000–3,500 copies. I have already raised most of the page charge money, so it would be my intention to cover the printing costs so the book could be sent without charge to all ASIH members. The only cost to the Society would be mailing costs, which should be minimal at the non-profit rate (when SVP did this, they just had Allen Press bundle the books with one of the journal issues and sent the books out in a special box that protected the book from damage). I believe it should initially go out free to the scientific community because the National Science Foundation covered most of the costs of this eight-year project. In addition to the copies for ASIH members, I would print (and pay for) an extra 700 copies for myself. The Society could print extra copies for their own future marketing initiatives if they wish (the cost per volume is very low after the first 2500 copies, but the Society would pay for any extra copies that they wanted for later marketing initiatives).

As far as the subject matter, I have attached the Preface and the Abstract from the Gar Volume (attachments 3 and 4). This volume, although in series with the amiiform volume, is also fine as a stand-alone volume, given that it covers an important basal neopterygian group in great detail, along with numerous scientific methods and philosophies. I have also sent a complete copy of the manuscript to John Armbruster, Editor, with all figures and tables, for detailed questions concerning the volume.

### **Market for Book**

Ichthyologists, comparative vertebrate anatomists, systematists, phylogeneticists, evolutionary biologists. Again, I will cover cost of copies to ASIH members (or just the ichthyologists in ASIH if you prefer). This should result in less pressure on the Society for marketing and guarantee a good immediate distribution. The amiiform volume sells for about \$70 and I would expect the lepisosteiform volume to be similarly priced. (The cost per book to the society for additional copies beyond the basic print run would be around \$20 per copy, I estimate.) A selling price of \$70 would be a good value for a book of this size with so many figures and high quality production, but still profitable. Although the free distribution to the ASIH members would soak up most of that market for a while, the SVP market could still be developed, along with ichthyologists and lower vertebrate morphologists who were not ASIH members

There is nothing like this book on the market now, and it is full of much important newly-discovered information, some of which will have a significant impact on future phylogenetic studies of Actinopterygii.

### **Content of Book**

Book contains Table of Contents, Taxonomic Index and Subject Index. John Armbruster already has an entire copy of the manuscript. If you wish additional copies of any particular chapter let me know which one and I will be happy to supply.

### **Format of Book**

I want to match the editorial style of the lepisosteiform book (effectively, “volume two” of a set on lower neopterygian fishes) to my previous amiiform volume (Grande and Bemis, 1998), which was effectively “volume one” of this set. The only significant change would be the journal logo (i.e. the SVP logo from volume one would be replaced with the ASIH logo for the gar volume).

Once the ms. reviews are back, and if the volume is accepted for publication, perhaps Jon Armbruster could come to Chicago for a couple of days to help with copy editing aspects. I am not sure how the copy editing phase is handled with ASIH Special Publications.

### **Peer-review Process for the Book**

As discussed, I have agreements from the following ichthyologists to review the manuscript:

1. Dr. David Johnson, Division of Fishes, USNM

2. Dr. Gareth Nelson (former Curator of Ichthyology, AMNH), University of Melbourne, Victoria, Australia
3. Dr. Gloria Arratia, University of Kansas, Lawrence
4. Dr. Hans-Peter Schultze, University of Kansas, Lawrence
5. Dr. Eric Hilton, Virginia Institute of Marine Science

It wasn't easy getting people to agree a 1000-page manuscript with over 1400 figures and 184 tables, but I believe this is a truly stellar group of systematic fish morphologists who have agreed to do so. I would be responsible for mailing complete copies of the manuscript with all figures, tables, and appendices to each of the reviewers.

### **Formatting of Final Submission**

The final format of the proposed publication for a final draft will be the following:

Text: Hard copy and electronic form compatible with Allen Press requirements.

Tables: "Camera ready," both hard copy and electronic as above.

Half-tone: Pasted-up hard copy at publication size to be scanned by Allen Press

If and when the manuscript is accepted, I will deliver all of the original figures to Allen Press myself, as I did with the amiiform volume. I have a good working relationship with some of the people at Allen Press resulting mainly from my previous experience with the amiiform volume.

### **Costs of Editing Services and Publication**

I would get an estimate from Allen Press for editing and printing services and transfer funds to cover this prior to approval for publication. Hopefully, the ASIH would help with editing.

### **Legal Issues**

All illustrations are original by author except for a very few out of copyright illustrations more than 50 years old with proper credit attributed in caption.

All specimens used were museum pieces and/or properly collected and curated specimens.

## **40. HIST: Society Historians - D.G. Smith & J.C. Mitchell**

The principal activity of the Committee in 2007 continued to be the Historical Perspectives series. One ichthyological Perspective was published, on Stanley and Marilyn Weitzman; articles on Royal Suttikus and Jørgen Nielsen are nearing completion and should be submitted in 2008. Interviews have been completed with Bruce Collette and Jim Tyler, and the interview process has begun with Dick Robins and Joe Nelson. Two herpetological Perspectives were completed and submitted for publication during the past year, Richard Etheridge and

Robert Storm. The following herpetologists have been interviewed and their biographies are in progress: Murray Littlejohn, George Rabb, James and Dell Organ, Jay Savage, Carl Gans, Harold Heatwole, Richard Highton, Ilia Darevsky, Barry Valentine and Richard Zweifel. Interviews are pending on Herndon Dowling and Julian Harrison.

In addition to the biographical sketches, a report summarizing the contents of the ASIH archives was prepared by Committee member Inci Bowman and will be published in the Historical Perspectives series in 2008. Inci spent considerable time this past year working on the Society's archives, which are held in the Smithsonian Institution Archives in Washington, DC. Although the S. I. Archives maintains the records of ASIH and many other professional organizations, it does not have sufficient personnel or time to do much more than warehouse them. Inci (who resides in Washington and is an official volunteer at the Smithsonian) had the material retrieved from remote storage, surveyed the contents, organized it, and prepared the report cited above.

The Committee is beginning to formulate plans for the two centennials that will be observed in the coming decade: the 100<sup>th</sup> anniversary of Copeia in 2013, and the 100<sup>th</sup> anniversary of the Society in 2016.

May 2008

David G. Smith, Society Historian for Ichthyology

Joseph C. Mitchell, Society Historian for Herpetology

#### **41. WCMC: Web Content & Management Committee - H. Bart**

The Tulane University Museum of Natural History (TUMNH) took over as host of the ASIH website in 2006. The ASIH Web Site is presently maintained on a dedicated server at TUMNH. ASIH pays TUMNH monthly maintenance in the amount of \$296, which covers 1/5 of the cost of TUMNH T-1 bandwidth, 5% of the time of a web developer (\$181 per month), and hardware maintenance (server replacement cost). The database that houses the web site, and the software for operating it, occupies roughly 26 gigabytes (GB) on the ASIH server. TUMNH officially began hosting the ASIH Web Site (<http://www.asih.org>) in April 2006. Since this time the web site has received ~5 million hits: 2.26M from 4/17/06 to 3/31/07; 2.73 M from 4/1/07-3/31/08 (see attached Traffic Reports). The vast majority of traffic comes from web crawlers (e.g., googlebot) and malicious activity (viruses). To get a sense of the number of hits from real people visiting the site, we subtracted the number of web crawlers on the main page from total number of hits that accessed images on the main page. Based on this, we estimate that the number of visits by real users is roughly 30,000 per year. The site is using only a fraction of its allocated bandwidth. It is clear from the breakdown of users that information on career opportunities is one of the main reasons people visit the site. It is also clear that there are other benefits to society members and the general public (some of which were envisioned when hosting by TUMNH was originally proposed) that can be served by the site.

The web developer who built the new web site and migrated previously existing content to it, worked on development and maintenance of the site for 1.5 years (at 5% effort) before the grant that provided the bulk of his salary expired. The site was designed in such a way that ASIH officers and members could post information directly to the web content management system without the services of a web developer. All postings to the site are presently done by ASIH Secretary, Mo Donnelly, and represent a considerable burden on her time. All

maintenance of the site is performed by Nelson Rios as an add-on to his responsibilities at TUMNH.

The Web Content and Management Committee (WCMC) was reconstituted as a recurring committee in 2006 with Hank Bart (Chair), Nelson Rios, Margaret Neighbors and Jeanine Cody as members, but without a clear directive for developing new content for the site. Presently, the web site contains information about ASIH (history, constitutions, guidelines for use of fish and herps in research), *Copeia* (subscription information, link to manuscript submission site, Abstract Search), Meetings, Officers and Committees, Members, Curatorial resources, Society Awards, Conservation, and Contacts. Approximately 200 GB of storage space is available on the server for posting additional content. Examples of additional content that could be posted at the site include images of specimens, videos, electronic images of society archives, pdfs of out-of-print society publications, research products not suitable for publication in *Copeia*, popular summaries of research targeted for a lay audience.

We recommend that the ASIH Executive Committee, Board of Governors and general membership take up the issue of whether and what additional content should be posted to the ASIH web site at the 2008 Annual Meeting. Should the society decide to expand the amount of information posted on its server, we would recommend that the WCMC be expanded to include additional web content editors. We also recommend that additional funds be provided to hire a web developer to develop and post any new content to the site. The time commitment required will depend on the society's decision about how much new information should be posted on the site and how often the information needs to be updated.

#### **42. IINC - Ichthyological Information Coordinator - M.F. Cashner**

This report includes activity from June 2007 thru May 2008.

We only received two requests for information this year. The first request was diverted to some members of the society as I was unable to address it in mid-June. The second request arrived in early September and was a fish identification question. The requests do seem to trickle in and I hope to receive interesting ones in the coming year.

#### **43. HINC - Herpetological Information Coordinator - M.A. Donnelly**

This report includes activity from January 2007 thru May 2008. Eileen Banach is no longer active as the information coordinator and I have responded to queries I receive about amphibians and reptiles over the internet, through the mail, and over the phone.

I received eight email requests for information (species identification questions mostly), I received several phone calls regarding care of captive animals, and I received several letters requesting the careers pamphlet which are no longer available in print. I also receive at least one letter each year from an incarcerated person requesting information on milking venomous reptiles as a career opportunity. Mail continues to be forwarded to me from Southern Illinois and University of Florida (sent to Brooks Burr and Carter Gilbert).

#### **44. *Ad Hoc* Committee to Name an Honorary Foreign Member in Ichthyology - C.J. Ferraris, Jr.**

Honorary Foreign Member (Ichthyology) Ad Hoc Committee – C. J. Ferraris, Jr.

In February, 2008, ASIH President Henry R. Mushinsky appointed Lynne Parenti, Karsten Hartel and Carl Ferraris (chair) to an ad-hoc Honorary Foreign Member (Ichthyology) search committee. The committee was charged with submitting the name of one ichthyologist to the BOG to fill the existing vacancy that resulted from the death of Marinus Boeseman in 2006. The committee, which deliberated entirely through e-mail correspondence, generated an extensive list of suitable candidates and, following due discussion, unanimously agreed to the submission of a truly outstanding individual for BOG approval. The CV is provided in Appendix F.

Respectfully submitted,  
Carl J. Ferraris, Jr.

#### **45. *Ad Hoc* Committee to Name an Honorary Foreign Member in Herpetology - D.R. Frost**

Darrel Frost (chair), Kraig Adler, Aaron Bauer, Edmund D. Brodie, Jr., Tiffany Doan, and Maureen Donnelly

In consultation with ASIH President Richard Mayden, a committee was formed in July 2007 to nominate a slate of distinguished herpetologists to be submitted to the ASIH Board of Governors for a vote of imprimatur. The committee members were: Darrel Frost (chair), Kraig Adler, Aaron Bauer, Edmund D. Brodie, Jr., Tiffany Doan, and Maureen Donnelly.

It was determined that four positions of Honorary Foreign Member were open for herpetologists. These openings were created by the deaths of the following: Jose Cei (Argentina), Jean Guibe (France), Toshijiro Kawamura (Japan), and Henryk Szarski (Poland). The committee discussed characteristics of candidates that would best serve herpetology generally, and herpetological research in their foreign members home country as well. Although the committee did not arrive at any consensus regarding priority of criteria, those discussed were: high productivity in original research, research influence in the home country (both currently and potentially), productivity of high-quality students, high levels of activity and influence in conservation activities in the home country, as well as the importance of having an internationally recognized member of the herpetological community in the home country.

Over the next few months, ongoing discussions and optimized on four names that we think are distinguished herpetologists who are deserving of this honor. Having said this, the state of herpetology outside of the United States and Canada in many countries is now so high and the numbers of world-class herpetologists that the restriction to 15 members for this honor has become overly restrictive. We suggest that the number of honorary foreign ichthyologists and herpetologists be raised to 20 members in each category in order to better recognize the enormity of herpetology worldwide in 2008.



We nominate: Wolfgang Bohme (Germany); Anselm de Silva (Sri Lanka), Oscar Flores (Mexico); Ermi Zhao (China).

Candidate information is provided in Appendix I. We also include a curriculum vitae for each person (Appendix K).

## 46. Proposed Changes to the Constitution 2008 (strike out = deleted text; underline = inserted text):

### 1. DEFINE NATURE OF PAYMENTS FOR LIFE MEMBERS RATIONALE: CLEAN UP THE LANGUAGE

#### Article III: Membership

**Section 1.** Membership shall be open to persons interested in the object of the Society.

**Section 2.** The membership of the Society shall consist of the following classes:

a. Active members who pay annual dues in the following categories: Student, Regular, Associate, and Sustaining. In addition, a fifth category, Life members, pay 25 times (25 x) regular annual dues in one lump sum or four equal annual payments.

### 2: ELIMINATE SECTION 3 OF ARTICLE III RATIONALE: THIS IS NOT A REQUIREMENT OF MEMBERSHIP. PAYMENT OF FEES IS A REQUIREMENT.

~~Section 3. Nomination to membership shall be upon recommendation of one member.~~

### 3: REWORD SECTION 1, 5, and 6 OF ARTICLE IV RATIONALE: REQUIRED BY REVISION TO COPEIA APPROVED IN JULY 2007. ASSOCIATE EDITORS ARE APPOINTED RATHER THAN BEING ELECTED

#### Article IV: Officers

**Section 1.** The officers of the Society shall be: A President, who shall assume the duties of this office for a one-year term immediately following a term as President-Elect. A President-Elect, who shall serve a one-year term; the office shall alternate annually between an ichthyologist and herpetologist; the President-Elect shall be ineligible for another term until two years ~~shall~~ have elapsed from the end of a term as President. A Treasurer, ~~and~~ a Secretary, and an Editor ~~who~~ shall be elected annually but who may serve unlimited consecutive terms. ~~An Editor, Sectional Editors, an Index Editor, and two Book Review Editors (one in ichthyology and one in herpetology).~~

**Section 5.** A vacancy in either the Editorship, Secretaryship, or Treasurership occurring in the interval of the between annual meetings of the Society may be filled, until the next annual meeting, by appointment by the President.

#### **Section 6. Executive Committee.**

a. The Executive Committee shall consist of the President, President-Elect, immediate Past-President, prior Past-President, Secretary, Treasurer, Editor, Chair of the Long Range Planning and Policy Committee, and Chair of the Endowment and Finance Committee.

b. Each ASIH President will serve a total of four years on the Executive Committee, as President-Elect, President, immediate Past-President, and prior Past-President, in that sequence.

c. All members of the Executive Committee shall agree in writing to abide by the Conflict of Interest policy each year.

4: FIX SECTION 2; ADD SECTION 4 OF ARTICLE V.

RATIONALE: CLEAN UP; CONFORM WITH TAX REQUIRMENTS (COI STATEMENT)

**Section 2.** Ten vacancies in the elective membership of the Board of Governors shall be filled through election at the Annual Business Meeting from nominations provided by the Nominating Committee and/or from the floor. All nominations shall be accompanied by a brief statement of qualifications and a written statement of willingness to serve from the nominee. Five of the elected Governors shall be herpetologists and five shall be ichthyologists. Each member shall vote for a maximum of five candidates. ~~It is recommended that members vote for candidates in their own discipline only, but a member whose activities spread across the two disciplines may vote across the two disciplines.~~ The term of office shall commence on 1 January following the annual meeting at which the Governor was elected. An additional vacancy shall occur if the President-Elect is a member of a class. ~~No other officer shall be replaced if a member of a class at the time of election as an officer.~~ If a governor is elected as an officer, he/she will remain on the Board of Governors until their term is complete.

**Section 3.** The Board shall conduct business during the period between annual meetings only upon call by the Executive Committee.

**Section 4.** All members of the board shall agree in writing to abide by the Conflict of Interest Policy each year.

5: REFLECTS CHANGES TO ARTICLE VIII, SECTION 5. TWO COMMITTEES ARE MERGING WITH PLANNED ROTATIONS.

RATIONALE: THE MEETINGS HAVE BEEN MANAGED BY TWO COMMITTEES THAT WORK TOGETHER SINCE 1999. THE “KINKS” HAVE BEEN WORKED OUT OF THE SYSTEM AND THE TWO COMMITTEES NOW WISH TO MERGE.

#### **Article VI: Meeting of the Society**

**Section 1.** This Society shall hold an annual meeting. The Annual Business Meeting shall be open to all classes of members for the purposes of hearing a report on the transactions of the Board of Governors and of acting upon such business as may properly be considered by the membership at large.

**Section 2.** The Meetings Management and Planning Committee shall solicit and receive invitations from prospective home institutions for the Annual Meetings, shall evaluate such invitations, and shall report its recommendation(s) to the Board of Governors.

6: DELETE ARTICLE VII IN ITS ENTIRITY. REFLECTS THE REQUEST OF THE SOUTHEASTERN DIVISION TO DISBAND.

RATIONALE: PLEASE SEE THE ATTACHED DOCUMENT

#### **Article VII: Southeastern Division**

~~**Section 1.** Membership in the Southeastern Division is open to ASIH members in good standing residing in the following states: Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, South Carolina, Tennessee, Virginia, and the District of Columbia. Active membership status within the Southeastern Division shall be determined by the Bylaws of the Division currently in force.~~

~~Section 2.~~ The Southeastern Division shall elect a President, Vice President, and Secretary Treasurer.

~~Section 3.~~ Annual meetings of the Southeastern Division shall be held concurrently with the ASIH Annual Meetings when the latter occur in one of the states identified as within the Southeastern Division in Section 1 of this Article.

7: RENUMBER TO ACCOMMODATE AFOREMENTIONED CHANGE.  
RATIONALE: VII COMES AFTER VI AND BEFORE VIII

#### **Article ~~VIII~~ VII: Quorum**

8: RENUMBER TO ACCOMMODATE AFOREMENTIONED CHANGE; CHANGE TO SECTIONS 4 & 5 WOULD REDUCE ENVIRONMENTAL IMPACT OF THESE ACTIONS.  
RATIONALE: VIII COMES AFTER VII AND BEFORE IX

#### **Article ~~IX~~ VIII: Changes in the Constitution and Bylaws**

**Section 5.** In case of the dissolution of the Society, its assets shall be transferred to a successor non-profit society organized for educational, professional, or scientific purposes, or if no successor society is designated by the members of this Society, then the assets shall be transferred to some other non-profit organization of like character as determined by a vote of the membership of the society. ~~the members of this Society by response in mail ballot.~~

9: ADD SECTION 3 TO REFLECT PAYMENTS TO THE PRESIDENT.  
RATIONALE: THIS IS WHAT WE DO.

#### **Article ~~II~~: President**

**Section 3.** The President shall be reimbursed out of the monies of the Society for expenses incurred in attending the meeting of the Society that he/she presides over.

10: ADD SECTION 3 TO REFLECT PAYMENTS TO THE TREASURER.  
RATIONALE: THIS IS WHAT WE DO.

#### **Article ~~IV~~: Treasurer**

**Section 4.** The Treasurer shall be reimbursed out of the monies of the Society for expenses incurred in attending meetings of the Society.

11. CHANGE THE LANGUAGE TO REFLECT THE ADOPTION OF THE REPORT FROM THE AD HOC COMMITTEE ON COPEIA IN 2007.  
RATIONALE: WE NEED TO CHANGE THE LANGUAGE TO COMPLY WITH CHANGES TO CONSTITUTION. SECTION 2D HAS BEEN INCORPORATED IN PART TO 1A.

#### **Article ~~V~~. ~~Editorial Offices~~ Editor and Associate Editors**

##### **Section 1. Editor**

a. The Editor shall serve as the Chief Executive Officer for the journal COPEIA, and shall serve as the Chair of the Publications Policy Committee. The Editor shall bear the final responsibility and authority for all materials published in COPEIA.

b. The Editor shall appoint Associate Editors to three (3) year terms which can be renewed on the recommendation of the Editor.

~~c.b.~~ In the processing of manuscripts submitted for publication in COPEIA, the Editor shall allocate manuscript workload among the ~~Sectional~~ Associate Editors, and shall receive their recommendations on manuscripts that have cleared the review process.

~~d.e.~~ The Editor shall report through the ASIH Executive Committee to the Board of Governors, and shall seek Executive Committee and Board of Governor approval for any substantive change in ASIH publishing product or practice, especially where new or unanticipated expenditures of ASIH funds are involved.

~~d.~~ ~~The Editor serves on the ASIH Executive Committee and serves as Chair of the Editorial Policy Committee.~~

e. In situations that may arise between annual meetings, the Editor (upon consultation with and approval by the Executive Committee) may appoint a substitute (or co-participant) for a given editorial office.

f. The Editor may employ such assistance as is necessary for the production of COPEIA.

g. The Editor's annual dues to the Society shall be waived, and transportation and lodging at the Annual Meeting shall be reimbursed by monies of the Society.

## **Section 2. ~~Sectional Associate, Book Review, and Index Editors~~**

a. The divisional sections of COPEIA shall be General Herpetology; General Ichthyology; Ecology and Ethology; Physiology and Physiological Ecology; and Genetics, Development, and Morphology. ~~Sectional~~ Associate Editors shall serve as Chief Operating Officers for their respective sections, shall select reviewers and solicit manuscript reviews, and shall make recommendations regarding acceptability for publication in COPEIA to the Editor.

b. Two Book Review Associate Editors shall promote the announcement and critical review of important new works in Herpetology and Ichthyology, respectively.

c. An Index Associate Editor or Editors shall be responsible for production of the annual index to COPEIA. The Index Editor(s) shall archive materials for periodic multi-year indices to be prepared as deemed necessary.

~~d. Any editorial office, except that of Editor, may be held by multiple persons if approved by election to office by members of the Society.~~

d. The Associate Editors shall meet with the Editor as the Publications Policy Committee at each Annual Meeting.

e. Associate Editors shall have their annual dues to the Society waived during their term of office and their registration for the Annual Meeting shall be paid by the Society.

## **Article VI: Editorial Board**

An Editorial Board representing the five divisional disciplines of COPEIA, shall be nominated annually by the ~~Sectional~~ Associate Editors for service in that disciplinary area, and appointed by the President in consultation with the Editor.

## **12. THE MERGING OF THE TWO COMMITTEES REQUIRES THIS CHANGE**

## **Article VII: Meetings**

**Section 1.** The Chair of the Local Committee shall be appointed by the President in consultation with the chairs of the Meetings Management ~~Committee~~ and Meetings Planning Committee if possible, at least six months before the time of the meeting.

**Section 2.** The Chair of the Local Committee will work with the ~~chair chairs~~ of the Meetings Management ~~Committee~~ and Meetings Planning Committee, as well as hired conference planners, to make all local arrangements including the arrangements for printing the program if necessary.

13: DELETE COGNIZANT FROM VIII, SECTION 3 -- THIS IS NOT A NECESSARY CONDITION TO EXECUTE THE ACTIVITY.  
RATIONALE: CLEAN IT UP.

### Article VIII. Committees

**Section 3.** Committee service, including that of Committee Chairs, is upon a calendar year basis, commencing January 1 and ending December 31, except for the Nominating Committee and Chair, which serve from meeting to meeting. Committees are appointed by the President at or soon after the annual meeting of the year preceding service. The report of a Committee Chair is submitted through the Secretary for presentation at the annual meeting immediately after the termination of the calendar year of service. Except where provided for separately, continuation of appointment of a Committee Chair or Committee member is at the discretion of the ~~cognizant~~ President and the member in service.

14: THE ANNUAL BUSINESS MEETING IS AN EVENT NOT A COMMITTEE; THE MEETINGS MGT & PLANNING COMMITTEES ARE MERGING.  
RATIONALE: CUT DOWN ON ITEMS IN THE CONSTITUTION AND BYLAWS.

**Section 5.** Standing Committees are provided for separately in the CONSTITUTION and/or BYLAWS, and/or are those which must be renewed yearly to conduct society business. Standing Committees are as follows:

<del>ANBM</del>	<del>Annual Business Meeting</del>
BOFG	Board of Governors
EDBD	Editorial Board
ENFC	Endowment and Finance Committee
EXEC	Executive Committee
GFAC	Gaige Fund Award Committee
GSPC	Committee on Graduate Student Participation
HSFC	Henry S. Fitch Award Committee
LOCL	Local Committee for the Annual Meeting
LRPP	Long Range Planning and Policy Committee
MMPC	Meetings Management <u>and Planning</u> Committee
<del>MPLN</del>	<del>Meetings Planning Committee</del>
NOMC	Nominating Committee
PUBC	Publications Policy Committee
RFAC	Raney Fund Award Committee

RHGC	Robert H. Gibbs, Jr., Memorial Award Committee
RKJC	Robert K. Johnson Award Committee
STAC	Student Awards Committee

**15: FIX THE NAME**

**RATIONALE: THE MEETING IS FORMALIZED (ANBM)**

**Section 2.** If only one of the two persons from the outgoing Nominating Committee is available for election as chair of the new committee, this person shall receive the chairship automatically. If neither person from the outgoing Nominating Committee is available for election as chair, the Past-President shall assume the chairship and the President shall nominate two additional persons in the appropriate discipline. If the Board of Governors fails to nominate the number of persons listed above for positions 1(c) and 1(d), the President shall provide the balance of the nominations.

**Section 3.** The election of the Nominating Committee shall be at the Annual Business Meeting ~~business meeting~~ of the Society. All nominees, including additional nominations from the floor at the business meeting for positions 1(c) and 1(d), must provide a written agreement to serve on the committee, which would include the possibility of a second year of service as chair.

**16: FIX THE SENTENCE.**

**Article X: Long Range Planning and Policy Committee**

**Section 1.** The Chair of the Long Range Planning and Policy Committee shall be appointed by the President in consultation with the Executive Committee and others. ~~and such others as the President may feel desirable.~~ The Chair shall serve for a period of three years and may be reappointed. Six other members shall be similarly appointed and the expiration dates of the terms of their service shall be staggered in order to provide continuity. Tenure of appointment shall be on a calendar year basis.

**PROPOSAL 17: FIXING MISTAKES (CREATED WHEN COMMITTEE STRUCTURE CHANGE: POLICY & FINANCE WERE SEPARATED - FINANCE WENT TO ENDOWMENT & POLICY LINKED UP WITH PROCEDURES WERE MERGED); SIMPLIFICATION; SWITCH THE ORDER OF SECTIONS 6 AND 7. RATIONALE: TO CLEAN IT UP.**

**Article XI: Endowment and Finance Committee**

**Section 1.** The Endowment and Finance Committee shall be appointed by the President in consultation with the Executive Committee and shall consist of five members, including the Chair. To provide continuity, members of the Committee will have staggered, five-year terms. One member should be a ~~business person~~ or someone with considerable experience in investing and money management. Tenure of appointment shall be on a calendar year basis.

**Section 2.** The Chair-Elect of the Endowment Committee and Finance shall be appointed by the President. The Chair-Elect shall succeed the Chair, each of whom will serve two years in their respective positions. The Chair may be reappointed as Chair-Elect. The Chair and the Chair-Elect will work closely together in planning and organizing the activities of the Endowment and Finance Committee.

**Section 3.** The Committee shall be in charge of fund-raising for the endowment.

**Section 4.** The Committee shall advise the Society on all matters pertaining to the General Endowment Fund and the Life Membership Fund.

**Section 5.** The Committee shall maintain close liaison with the Treasurer and other members of the Executive Committee and shall advise officials of the Society in the management of all funds and moneys of the Society.

**Section 6 7.** The Committee shall be responsible for investment of the endowment and other Society funds. A recommendation for placement of funds with a professional money manager must be approved by the Board of Governors. The Committee shall advise the Board of Governors on managed funds and will monitor the activities of outside professional money managers.

**Section 7 6.** The Committee shall maintain close liaison with the Long Range Planning and Policy Committee. The Committee Chairs shall serve as consulting (nonvoting) members of the corresponding Committee and shall keep each Committee informed, as appropriate, of mutually relevant activities.

18: CLEAN UP THE LANGUAGE; ADD DETAILS TO LIFE MEMBERSHIP FUND; ADD THE HENRY S. FITCH FUND.

## **Article XII: Funds**

**Section 1.** Society Funds and income derived therefrom shall be used only for tax-exempt purposes.

**Section 2.** Funds of the Society shall be as follows:

**a.** The Frederick H. Stoye Fund shall be invested and used to offer awards for meritorious papers presented by student members at the Annual Meeting. The awards will be known as the Frederick H. Stoye Awards. The basis for award decisions shall be determined by a Student Awards Committee. The Student Awards Committee shall be appointed by the President-elect for service prior to the Annual Meeting.

**b.** The Tracy Storer Fund shall be invested and used to offer awards to students judged to have prepared the best posters in ichthyology and herpetology at the Annual Meeting. The awards will be known as the Tracy Storer Awards. The basis for award decisions shall be determined by a Student Awards Committee. The Student Awards Committee shall be appointed by the President-elect for service prior to the Annual Meeting.

**c.** The Robert H. Gibbs, Jr. Memorial Fund shall be invested and used to award a yearly prize based on an outstanding published body of work in systematic ichthyology by a citizen of a Western Hemisphere nation who has not been a previous recipient of the award. The basis for an award decision shall be determined by a Robert H. Gibbs, Jr., Memorial Fund Award Committee. The Robert H. Gibbs, Jr., Memorial Fund Award Committee shall consist of three ichthyologists, each serving a three-year term. Each year one member is replaced by an individual elected by the Board of Governors among nominees submitted by the Nominating Committee or nominated from the floor. The senior member of the Committee serves as its Chair.

**d.** The Edward C. and Charlotte E. Raney Fund shall be invested and used to provide support for young ichthyologists in such a way as to enhance their professional careers and their contributions to the science of ichthyology. The basis for award decisions shall be determined by a Edward C. and Charlotte E. Raney Fund Award Committee. A member of the



Edward C. and Charlotte E. Raney Fund Award Committee shall be appointed by the President for a three-year term of service. The senior member of the Committee serves as its Chair.

e. The Helen T. and Frederick M. Gaige Fund shall be invested and used to provide support for young herpetologists in such a way as to enhance their professional careers and their contributions to the science of herpetology. The basis for award decisions shall be determined by a Helen T. and Frederick M. Gaige Fund Award Committee. A member of the Helen T. and Frederick M. Gaige Fund Committee shall be appointed by the ~~President for~~ President for a three year term of service. The senior member of the Committee serves as its Chair.

f. The Life Membership Fund shall consist of dues received from Life Members. The interest from this Fund shall be added to the principal. When this Fund exceeds by \$1000 or more the sum computed as adequate to pay costs of fulfilling Society obligations to Life Members, the excess shall be transferred to the Endowment Fund. An amount equal to the annual dues of the new program Life Members shall be transferred to the Society's general operating funds annually.

g. The General Endowment Fund shall be an unrestricted fund to receive money from a variety of sources. Major and minor donations to the Society without any restrictions will be placed in the principal of this Fund. A percentage of the net asset value may be dispersed by the Board of Governors for specified activities of the Society based on recommendations of the Executive Committee.

h. The Henry S. Fitch Fund shall be invested and used to support an annual award for Excellence in Herpetology. The basis for award decisions shall be determined by the Henry S. Fitch Fund Award Committee. A member of the Henry S. Fitch Fund Award Committee shall be appointed by the President for a three year term of service. The senior member of the Committee serves as its Chair.

19: EDITOR'S SET IS NOT AVAILABLE.  
RATIONALE: REFLECT REAL PRACTICE.

#### **Article XIV: Society Sets of COPEIA**

~~The Official~~ official bound ~~set~~ sets-of COPEIA shall be maintained in the ~~offices~~ office of the ~~Editor and the~~ Secretary.

13 February 2007

ASIH Executive Committee and Board of Governors,

On behalf of the current officers and membership of the Southeastern Division of ASIH, I would like to request a modification to the ASIH Constitution which eliminates 'Article VII: Southeastern Division' in its entirety. During the fall of 2007, the current officers and two past presidents prepared a proposal that was circulated to the SD ASIH membership regarding the disbanding of the society. Input was received from 29 members (15 professionals and 13 students, representing 67% of professional members and 44% of student members) with support indicated by 28 members and opposition by one member. Below you will find an excerpt from that proposal which provides the justification for disbanding the SD ASIH.

The SD ASIH represents the last remaining divisional society within ASIH. One of the primary goals of SD ASIH has been to support student research within the southeast by providing funding to participate in scientific meetings and for presentation awards at these meetings. Unfortunately, our society has been confronted with several challenges over the years that are seriously hampering our effectiveness at achieving its goals. These challenges are outlined and discussed herein:

***SD ASIH has no existing Constitution.***

SD ASIH does not have a Constitution which explicitly sets forth our purpose and goals. We are officially recognized in the parent ASIH Constitution ([www.asih.org](http://www.asih.org)), but only to the extent that the region is defined, officer positions named and our meeting venue described. Although there are rumors that a SD ASIH Constitution did exist and the ASIH Constitution refers to SD ASIH Bylaws, a multi-year request from members and past-officers for documentation has only produced a single document – Procedural Guidelines for SD ASIH which were approved 11 April 1986. Although the common view is that our main purpose is to support student research within the southeast as described above, the Procedural Guidelines fail to mention travel support all together and indentifies the presentation awards as optional.

***SD ASIH has no tax identification number.***

Due to the low levels of our financial activities, it is not cost effective for the society to obtain a tax identification number. The lack of this identifier makes conducting our limited financial 'business' extremely difficult, even at the simplest level of establishing a bank account. For the past three years, the College of Charleston has graciously allowed us to maintain an internal account for official record keeping, bypassing most bank issues. However, this situation is neither desirable nor convenient because the Secretary-Treasurer position rotates annually.

***Low membership and financial support.***

The primary reason for our proposal to disband is centered on the general lack of interest in SD ASIH. This lack of interest is illustrated by our low membership levels, low financial support (and thus spending budget), low attendance of members at annual business meetings, few student applicants for the awards offered by SD ASIH and difficulty finding judges for student papers. Very low membership and participation has made the society's realized goal of student support very difficult with officer tasks simply not being time effective and student awards really not being cost effective. For example, our membership over the past two years has included 18-20 professional members and 22-44 student members with attendance at Business Meetings (excluding officers) ranging from 2-10 members (mode of 4-5) over the past six years. The society's annual expenses total \$300-350/year (2 \$100 presentation awards and 1-3 \$50 travel awards). Over the past several years, these expenses have only been met by the extreme generosity of a couple of members. Our \$5/year 'dues' only generates \$90-100 annually based on recent membership. For comparative purposes, in 2007 at total of \$375 in 'dues' and donations were

received of which 2 contributions made up 40% and 8 made up 78% of the funds. In 2006, a total of \$275 was received with 2 contributions making up 55% and 4 making up 71% of the funds. These contribution levels and patterns are consistent with prior years.

Our student membership has remained at a reasonable level for several years; however, award application submittal has been low - usually less than 5 per year and on occasion only a single application is received. Although the current presentation awards are a respectable monetary amount (and the award itself has intangible benefits), we are still relying on the generosity of a few to make those awards available. The travel awards on the other hand have really become too low to be effective at assisting student attendance at regional (ASB) or national (ASIH) meetings and unfortunately, we simply do not have funds available to meaningfully address current meeting attendance costs.

The bottom line is that it seems as though SD ASIH has been slowly fading into the shadows over the years as new, more effective and comprehensive avenues of achieving our mission have surfaced within the southeast. The current status of the society includes unclear goals, insufficient membership/participation and logistical/financial difficulties. Therefore, we are proposing that SD ASIH's productive time has passed and our resources should be more effectively applied elsewhere within the southeastern scientific community

Although we are disbanding the SD ASIH, we still strongly support the original intention of the society to provide interaction opportunities to ichthyological and herpetological students within the southeast via support for attendance at regional scientific meetings. We have invited all individuals who wish to continue their support of this goal to do so through alternate regional outlets such as the Association of Southeastern Biologists (ASB), Southeastern Fishes Council (SFC), and Southeastern Partners for Amphibian and Reptile Conservation (SE PARC). Please feel free to contact me if you have any questions or require additional information. I appreciate your consideration of our request to modify the ASIH Constitution.

Sincerely,

Tanya Darden, Ph.D.  
President, SD ASIH  
Marine Resources Research Institute  
SC Department of Natural Resources  
331 Fort Johnson Road  
Charleston, SC 29412  
843-762-8802  
dardent@dnr.sc.gov

Current officers:

Fred Zaiden (Vice-President)  
Rebecca Blanton-Johansen (Secretary-Treasurer)

Contributing Past Presidents:

Vince Cobb  
Martin O'Connell

## **47. Appendix A. Constitution (Revised 2006)**

# **ASIH CONSTITUTION**

**revised 16 July 2006**

### **Article I: Name**

The name of this Society shall be "THE AMERICAN SOCIETY OF ICHTHYOLOGISTS AND HERPETOLOGISTS." The Society is incorporated in the District of Columbia (22 November 1949).

### **Article II: Object**

**Section 1.** The object of this Society shall be to advance the science of the study of fishes, amphibians, and reptiles.

**Section 2.** The Society shall be operated as a nonprofit corporation.

### **Article III: Membership**

**Section 1.** Membership shall be open to persons interested in the object of the Society.

**Section 2.** The membership of the Society shall consist of the following classes:

**a.** Active members who pay annual dues in the following categories: Student, Regular, Associate, and Sustaining. In addition, a fifth category, Life members, pay 25 times (25 x) regular annual dues in one lump sum or four equal payments.)

**b.** Honorary Foreign Members shall be elected by the Board of Governors from among the ichthyologists and herpetologists, located outside of Canada, Mexico, and the United States, who have attained distinction as investigators. The Honorary Foreign Members shall be equally divided between ichthyologists and herpetologists.

**Section 3.** Nomination to membership shall be upon recommendation of one member.

### **Article IV: Officers**

**Section 1.** The officers of the Society shall be: A President, who shall assume the duties of this office for a one-year term immediately following a term as President-Elect. A President-Elect, who shall serve a one-year term; the office shall alternate annually between an ichthyologist and herpetologist; the President-Elect shall be ineligible for another term until two years shall have elapsed from the end of a term as President. A Treasurer, and a Secretary, who shall be elected annually but who may serve unlimited consecutive terms. An Editor, Sectional Editors, an Index Editor, and two Book Review Editors (one in ichthyology and one in herpetology).

**Section 2.** The Officers shall be elected at the Annual Business Meeting by active members attending the meeting. The slate of nominees shall be furnished by the Nominating Committee at the Board of Governors meeting. Additional nominations may be presented from the floor at the Annual Business Meeting. All nominations shall be accompanied by a brief statement of qualifications and a written statement of willingness to serve from the nominee. The term of office shall commence on 1 January following the annual meeting at which the officers were elected. In the event of a tie in election for any office, the Executive Committee shall determine the winner.

**Section 3.** The officers named in Section 1 shall discharge the duties usually assigned to their respective offices (see Bylaws).

**Section 4.** In the event of death or incapacitation of the President during the term of office, the President-Elect will become President. If the position of President-Elect becomes vacant, the person who received the second highest number of votes in the election will become President-Elect. If necessary, the Executive Committee shall make the determination that a President or President-Elect is incapacitated to the extent that required duties of the office are not likely to be performed.

**Section 5.** A vacancy in either the Secretaryship or Treasurership occurring in the interval of the meetings of the Society may be filled, until the next annual meeting, by appointment by the President.

**Section 6. Executive Committee.**

**a.** The Executive Committee shall consist of the President, President-Elect, immediate Past-President, prior Past-President, Secretary, Treasurer, Editor, Chair of the Long Range Planning and Policy Committee, and Chair of the Endowment and Finance Committee.

**b.** Each ASIH President will serve a total of four years on the Executive Committee, as President-Elect, President, immediate Past-President, and prior Past-President, in that sequence.

**Section 7.** Between the annual meetings the business of the Society shall be conducted by the officers, acting within their individual responsibilities, and the Executive Committee.

**Article V: Board of Governors**

**Section 1.** At the time of the annual meeting the business of the Society shall be conducted by the Board of Governors. The Board shall include not more than fifty (50) elective members, each elected from among regular, associate, sustaining, and life members for a term of five years. Elective members of the Board shall not be eligible for reelection until the annual meeting following the expiration of their terms. The incumbent officers of the Society shall be members of the Board. Former Presidents of the Society shall be members of the Board for life. All meetings of the Board of Governors shall be open to all members of the Society.

**Section 2.** Ten vacancies in the elective membership of the Board of Governors shall be filled through election at the business meeting from nominations provided by the Nominating Committee and/or from the floor. All nominations shall be accompanied by a brief statement of qualifications and a written statement of willingness to serve from the nominee. Five of the elected Governors shall be herpetologists and five shall be ichthyologists. Each member shall vote for a maximum of five candidates. It is recommended that members vote for candidates in their own discipline only, but a member whose activities spread across the two disciplines may vote across the two disciplines. The term of office shall commence on 1 January following the annual meeting at which the Governor was elected. An additional vacancy shall occur if the President-Elect is a member of a class. No other officer shall be replaced if a member of a class at the time of election as an officer.

**Section 3.** The Board shall conduct business during the period between annual meetings only upon call by the Executive Committee.

## **Article VI: Meeting of the Society**

**Section 1.** This Society shall hold an annual meeting. The Annual Business Meeting shall be open to all classes of members for the purposes of hearing a report on the transactions of the Board of Governors and of acting upon such business as may properly be considered by the membership at large.

**Section 2.** The Meetings Management Committee shall solicit and receive invitations from prospective home institutions for the Annual Meetings, shall evaluate such invitations, and shall report its recommendation(s) to the Board of Governors.

**Section 3.** The place of the annual meeting of the Society shall be determined by the Board of Governors. Notice of the meeting shall be mailed to all members of the Society at least three months before the date set for the meeting.

## **Article VII: Southeastern Division**

**Section 1.** Membership in the Southeastern Division is open to ASIH members in good standing residing in the following states: Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, South Carolina, Tennessee, Virginia, and the District of Columbia. Active membership status within the Southeastern Division shall be determined by the Bylaws of the Division currently in force.

**Section 2.** The Southeastern Division shall elect a President, Vice-President, and Secretary-Treasurer.

**Section 3.** Annual meetings of the Southeastern Division shall be held concurrently with the ASIH Annual Meetings when the latter occur in one of the states identified as within the Southeastern Division in Section 1 of this Article.

## **Article VIII: Quorum**

At the Annual Meeting, one hundred (100) members shall constitute a quorum of the Society and thirty (30) a quorum of the Board of Governors.

If the Board of Governors votes electronically between annual meetings, thirty (30) votes shall constitute a quorum of the Board.

## **Article IX: Changes in the Constitution and Bylaws**

**Section 1.** Amendments to this Constitution and Bylaws may be proposed: (a) by majority vote of the Executive Committee, or (b) by written and signed petition from at least twenty-five (25) members in good standing of ASIH.

**Section 2.** Proposed amendments must be circulated to all members at least three (3) months prior to the scheduled Annual Meeting of the Society.

**Section 3.** Proposed amendments of this Constitution and Bylaws may be adopted at any meeting of the Society if approved by two-thirds of the members of the Board of Governors voting and two-thirds of the members voting at the annual general meeting.

**Section 4.** Dissolution of the society shall require two-thirds assent from members of the Board of Governors voting and ratification by mail ballot of two-thirds of the membership voting in response.

**Section 5.** In case of the dissolution of the Society, its assets shall be transferred to a successor non-profit society organized for educational, professional, or scientific purposes, or if no successor society is designated by the members of this Society, then the assets shall be

transferred to some other non-profit organization of like character as determined by the members of this Society by response in mail ballot.

## **BYLAWS**

### **Article I: Dues**

**Section 1.** Annual dues shall be payable 1 January, in advance. COPEIA shall not be sent to those in arrears for dues. Upon payment of arrearage, plus a late fee calculated as 10% of the annual dues, the former member shall be reinstated.

**Section 2.** A service charge to recover actual costs may be billed subscribers requiring special billing procedures.

**Section 3.** The schedule of dues will be estimated by the Treasurer, proposed by the Executive Committee, and approved by the Board of Governors to meet the financial needs of the society.

### **Article II: President**

**Section 1.** The President shall preside at sessions of the Board of Governors and at the Annual Business Meeting.

**Section 2.** The President shall also appoint the committees prescribed by the Constitution and Bylaws, and such other representatives or committees as may prove necessary. The President and President-Elect shall be members of all committees.

### **Article III: Secretary**

**Section 1.** The Secretary shall keep the records of the Society and report at the annual meeting.

**Section 2.** The Secretary shall be responsible for sending out notices announcing the annual meeting and for arranging the agenda for the Board of Governors and general business meetings at the annual meeting.

**Section 3.** The Secretary shall be reimbursed out of the monies of the Society for expenses incurred in attending meetings of the Society.

**Section 4.** The Secretary shall make such purchases and employ such assistance as is necessary to conduct the business of the Society. The Secretary shall be responsible for authorizing disbursement of funds for the expenses of society offices within limits to be set annually by the Executive Committee. All such expenditures will be reported to and are subject to review and ratification by the Board of Governors.

**Section 5.** Unless other appointments are made by the President, the Secretary shall act as delegate or representative of this Society at meetings of related societies covering matters of mutual interest.

**Section 6.** The Secretary shall arrange for an annual professional audit of the financial record and statement of the Treasurer and shall transmit the auditor's report to the annual meeting of the Board of Governors.

**Section 7.** Any copyright requests or copyright-related issues and the associated records-keeping shall be handled by the Secretary in consultation with the Editor.

#### **Section 8. Publications storage.**

**a.** The Secretary shall be charged with the responsibility of ensuring safe storage, sale, and other disposal of back numbers of COPEIA and other Society publications.

**b.** The Secretary may employ such assistance including outside contractual assistance as may be necessary to discharge these functions.

**c.** The Secretary will report annually to the Board of Governors on the status and disposal of backlogged items.

#### **Article IV: Treasurer**

**Section 1.** The Treasurer shall be in charge of the funds and securities of the Society.

**Section 2.** At the annual meetings of the Society, the Treasurer shall present a statement of the funds and monies of the Society, the statement to cover the calendar year.

**Section 3.** The Treasurer shall file form 990, Return of Organization Exempt from Income Tax, with the Internal Revenue Service annually.

#### **Article V. Editorial Offices**

##### **Section 1. Editor**

**a.** The Editor shall serve as the Chief Executive Officer for the journal COPEIA. The Editor shall bear the final responsibility and authority for all materials published in COPEIA.

**b.** In the processing of manuscripts submitted for publication in COPEIA, the Editor shall allocate manuscript workload among the Sectional Editors, and shall receive their recommendations on manuscripts that have cleared the review process.

**c.** The Editor shall report through the ASIH Executive Committee to the Board of Governors, and shall seek Executive Committee and Board of Governor approval for any substantive change in ASIH publishing product or practice, especially where new or unanticipated expenditures of ASIH funds are involved.

**d.** The Editor serves on the ASIH Executive Committee and serves as Chair of the Editorial Policy Committee.

**e.** In situations that may arise between annual meetings, the Editor (upon consultation with and approval by the Executive Committee) may appoint a substitute (or co-participant) for a given editorial office.

**f.** The Editor may employ such assistance as is necessary for the production of COPEIA.

##### **Section 2. Sectional, Book Review, and Index Editors**

**a.** The divisional sections of COPEIA shall be General Herpetology; General Ichthyology; Ecology and Ethology; Physiology and Physiological Ecology; and Genetics, Development, and Morphology. Sectional Editors shall serve as Chief Operating Officers for their respective sections, shall select reviewers and solicit manuscript reviews, and shall make recommendations regarding acceptability for publication in COPEIA to the Editor.

**b.** Two Book Review Editors shall promote the announcement and critical review of important new works in Herpetology and Ichthyology, respectively.

**c.** An Index Editor shall be responsible for production of the annual index to COPEIA. The Index Editor shall archive materials for periodic multi-year indices to be prepared as deemed necessary.

**d.** Any editorial office, except that of Editor, may be held by multiple persons if approved by election to office by members of the Society.



## **Article VI: Editorial Board**

An Editorial Board representing the five divisional disciplines of COPEIA, shall be nominated annually by the Sectional Editors for service in that disciplinary area, and appointed by the President in consultation with the Editor.

## **Article VII: Meetings**

**Section 1.** The Chair of the Local Committee shall be appointed by the President in consultation with the chairs of the Meetings Management Committee and Meetings Planning Committee if possible, at least six months before the time of the meeting.

**Section 2.** The Chair of the Local Committee will work with the chairs of the Meetings Management Committee and Meetings Planning Committee, as well as hired conference planners, to make all local arrangements including the arrangements for printing the program if necessary.

## **Article VIII. Committees**

**Section 1.** Committees of the American Society of Ichthyologists and Herpetologists are categorized as Standing Committees, Continuing Committees, Recurring Committees and Special Purpose Committees.

**Section 2.** Except as provided for separately in the CONSTITUTION and BYLAWS all committee appointments are made by the President and carry a tenure of appointment of one year. By arrangement between the President and the incoming Committee Chair, Subcommittees may be appointed and delegated to specific functions. Subcommittees are not listed separately and exist at the discretion of the President and the full Committee.

**Section 3.** Committee service, including that of Committee Chairs, is upon a calendar year basis, commencing January 1 and ending December 31, except for the Nominating Committee and Chair, which serve from meeting to meeting. Committees are appointed by the President at or soon after the annual meeting of the year preceding service. The report of a Committee Chair is submitted through the Secretary for presentation at the annual meeting immediately after the termination of the calendar year of service. Except where provided for separately, continuation of appointment of a Committee Chair or Committee member is at the discretion of the cognizant President and the member in service.

**Section 4.** The charge to and purview of the Committee shall normally follow that listed in the ASIH Procedures Manual, subject to modification, individually or separately, by the President, Executive Committee and/or Board of Governors, except as provided for separately in the CONSTITUTION or BYLAWS.

**Section 5.** Standing Committees are provided for separately in the CONSTITUTION and/or BYLAWS, and/or are those which must be renewed yearly to conduct society business. Standing Committees are as follows:

ANBM	Annual Business Meeting
BOFG	Board of Governors
EDBD	Editorial Board
EDPC	Editorial Policy Committee
ENFC	Endowment and Finance Committee
EXEC	Executive Committee
GFAC	Gaige Fund Award Committee

GSPC	Committee on Graduate Student Participation
HSFC	Henry S. Fitch Award Committee
LOCL	Local Committee for the Annual Meeting
LRPP	Long Range Planning and Policy Committee
MMGT	Meetings Management Committee
MPLN	Meetings Planning Committee
NOMC	Nominating Committee
RFAC	Raney Fund Award Committee
RHGC	Robert H. Gibbs, Jr., Memorial Award Committee
RKJC	Robert K. Johnson Award Committee
STAC	Student Awards Committee

**Section 6.** Continuing Committees are provided for separately in the CONSTITUTION and/or BYLAWS, and/or are those which are normally renewed yearly to conduct society business. In years where no action by the Committee or Representative is anticipated, appointment or not is at the discretion of the President. Continuing Committees are listed in the Procedures Manual.

**Section 7.** Recurring Committees are those which are appointed on an episodic basis, as need occurs. In years where no action by the Committee or Representative is anticipated, appointment or not is at the discretion of the President. Recurring Committees are listed in the Procedures Manual.

**Section 8.** Special Purpose Committees are those which are appointed normally on a one-time basis, as need occurs. Appointment or not is at the discretion of the President. The President shall define the charge to each Special Purpose Committee upon appointment. Unless renewed by the succeeding president each such Committee shall cease to exist after a period of time up to one calendar year, commencing January 1 after date of appointment.

#### **Article IX: Nominating Committee**

**Section 1.** The Nominating Committee shall consist of five members; three in the discipline of the President-Elect to be elected, and two in the alternate discipline. Five ASIH members in good standing shall comprise the Nominating Committee and serve meeting- to-meeting: (a) One of the two members of the outgoing Nominating Committee who is in the discipline of the President-Elect to be elected. This person shall be elected and serve as chair of the new committee. (b) The immediate Past-President of the Society. This position shall be filled automatically. (c) One person in the discipline of the President-Elect to be elected, chosen from at least two persons nominated by the Board of Governors. (d) Two persons in the alternate discipline chosen from at least four persons nominated.

**Section 2.** If only one of the two persons from the outgoing Nominating Committee is available for election as chair of the new committee, this person shall receive the chairship automatically. If neither person from the outgoing Nominating Committee is available for election as chair, the Past-President shall assume the chairship and the President shall nominate two additional persons in the appropriate discipline. If the Board of Governors fails to nominate the number of persons listed above for positions (c) and (d), the President shall provide the balance of the nominations.

**Section 3.** The election of the Nominating Committee shall be at the business meeting of the Society. All nominees, including additional nominations from the floor at the business

meeting for positions (c) and (d), must provide a written agreement to serve on the committee, which would include the possibility of a second year of service as chair.

#### **Article X: Long Range Planning and Policy Committee**

**Section 1.** The Chair of the Long Range Planning and Policy Committee shall be appointed by the President in consultation with the Executive Committee and such others as the President may feel desirable. The Chair shall serve for a period of three years and may be reappointed. Six other members shall be similarly appointed and the expiration dates of the terms of their service shall be staggered in order to provide continuity. Tenure of appointment shall be on a calendar year basis.

**Section 2.** The Committee shall identify desirable Society policies and activities and shall advise the Board of Governors and Membership on the best way to carry out and fund Society activities.

**Section 3.** The Committee is responsible for the development and updating, to reflect current practice, of the ASIH Procedures Manual, and from time to time make suggestions for improvements and best response to available technologies and opportunities.

**Section 4.** The Committee shall maintain close liaison with the Endowment and Finance Committee. The Committee Chairs shall serve as consulting (nonvoting) members of the corresponding Committee and shall keep each Committee informed, as appropriate, of mutually relevant activities.

#### **Article XI: Endowment and Finance Committee**

**Section 1.** The Endowment Committee shall be appointed by the President in consultation with the Executive Committee and shall consist of five members, including the Chair. To provide continuity, members of the Committee will have staggered, five-year terms. One member should be a business person or someone with considerable experience in investing. Tenure of appointment shall be on a calendar year basis.

**Section 2.** The Chair-Elect of the Endowment Committee shall be appointed by the President. The Chair-Elect shall succeed the Chair, each of whom will serve two years in their respective positions. The Chair may be reappointed as Chair-Elect. The Chair and the Chair-Elect will work closely together in planning and organizing the activities of the Endowment and Finance Committee.

**Section 3.** The Committee shall be in charge of fund-raising for the endowment.

**Section 4.** The Committee shall advise the Society on all matters pertaining to the General Endowment Fund and the Life Membership Fund.

**Section 5.** The Committee shall maintain close liaison with the Treasurer and other members of the Executive Committee and shall advise officials of the Society in the management of all funds and moneys of the Society.

**Section 6.** The Committee shall maintain close liaison with the Long Range Planning and Policy Committee. The Committee Chairs shall serve as consulting (nonvoting) members of the corresponding Committee and shall keep each Committee informed, as appropriate, of mutually relevant activities.

**Section 7.** The Committee shall be responsible for investment of the endowment and other Society funds. A recommendation for placement of funds with a professional money manager must be approved by the Board of Governors. The Committee shall advise the Board of

Governors on managed funds and will monitor the activities of outside professional money managers.

## **Article XII: Funds**

**Section 1.** Society Funds and income derived therefrom shall be used only for tax-exempt purposes.

**Section 2.** Funds of the Society shall be as follows:

**a.** The Frederick H. Stoye Fund shall be invested and used to offer awards for meritorious papers presented by student members at the Annual Meeting. The awards will be known as the Frederick H. Stoye Awards. The basis for award decisions shall be determined by a Student Awards Committee. The Student Awards Committee shall be appointed by the President-elect for service prior to the Annual Meeting.

**b.** The Tracy Storer Fund shall be invested and used to offer awards to students judged to have prepared the best posters in ichthyology and herpetology at the Annual Meeting. The basis for award decisions shall be determined by a Student Awards Committee. The Student Awards Committee shall be appointed by the President-elect for service prior to the Annual Meeting.

**c.** The Robert H. Gibbs, Jr. Memorial Fund shall be invested and used to award a yearly prize based on an outstanding published body of work in systematic ichthyology by a citizen of a Western Hemisphere nation who has not been a previous recipient of the award. The basis for an award decision shall be determined by a Robert H. Gibbs, Jr., Memorial Fund Committee. The Robert H. Gibbs, Jr., Memorial Fund Committee shall consist of three ichthyologists, each serving a three-year term. Each year one member is replaced by an individual elected by the Board of Governors among nominees submitted by the Nominating Committee or nominated from the floor. The senior member of the Committee serves as its Chair.

**d.** The Edward C. and Charlotte E. Raney Fund shall be invested and used to provide support for young ichthyologists in such a way as to enhance their professional careers and their contributions to the science of ichthyology. The basis for award decisions shall be determined by a Edward C. and Charlotte E. Raney Fund Committee. A member of the Edward C. and Charlotte E. Raney Fund Committee shall be appointed by the President for a three-year term of service. The senior member of the Committee serves as its Chair.

**e.** The Helen T. and Frederick M. Gaige Fund shall be invested and used to provide support for young herpetologists in such a way as to enhance their professional careers and their contributions to the science of herpetology. The basis for award decisions shall be determined by a Helen T. and Frederick M. Gaige Fund Committee. A member of the Helen T. and Frederick M. Gaige Fund Committee shall be appointed by the President for President for a three year term of service. The senior member of the Committee serves as its Chair.

**f.** The Life Membership Fund shall consist of dues received from Life Members. The interest from this Fund shall be added to the principal. When this Fund exceeds by \$1000 or more the sum computed as adequate to pay costs of fulfilling Society obligations to Life Members, the excess shall be transferred to the Endowment Fund.

**g.** The General Endowment Fund shall be an unrestricted fund to receive money from a variety of sources. Major and minor donations to the Society without any restrictions will be placed in the principal of this Fund. A percentage of the net asset value may be dispersed by the Board of Governors for specified activities of the Society based on recommendations of the

Executive Committee.

**Section 3.** All money, stocks, bonds, or other property offered to the Society for purposes other than application to the publication expenses or other operating expenses of the Society can be accepted only by a majority of the Board of Governors, except that the acceptance of any such funds donated for use by any duly constituted activity of the Society, including the General Endowment Fund, can be approved by the Executive Committee. Acceptance of such money, stocks, bonds, or other property by the Board of Governors shall be only with the establishment by the Board of procedures to implement its use. All proposed funds shall be accompanied by a proffered gift or proposed funding source.

**Section 4.** The American Society of Ichthyologists and Herpetologists may formally recognize major donors to the General Endowment Fund. Four levels of major donors are: Supporter, \$1000--2999; Sponsor, \$3000--9999; Patron, \$10,000--24,999; Benefactor, \$25,000 or higher. No benefits will be provided to donors.

### **Article XIII: Honorary Foreign Members**

The number of Honorary Foreign Members shall not exceed thirty (30).

### **Article XIV: Society Sets of COPEIA**

Official bound sets of COPEIA shall be maintained in the offices of the Editor and the Secretary.

### **Article XV: Committees**

Such committees as the President shall deem necessary shall be appointed by the President or by the presiding officer at the annual meeting, unless the composition and function of committees be otherwise set forth in the Constitution and Bylaws or in motions passed by the Board of Governors or by the membership at large at the annual meeting. Unless otherwise specified, committees shall serve from one annual meeting until the next and shall normally be appointed by the President during the annual meeting.

### **Article XVI: Procedures**

Procedures and other items, not specified in the Constitution or Bylaws of this Society or by action at the annual meeting, shall be in accordance with Robert's Rules of Order.

## 48. Appendix B. Treasurer's Table 1.

Table 1 ASIH cash flow from 1 January to 31 December 2007, with a comparison to income and expenses in 2006.

	2007	2006	Difference
<b>Inflows</b>			
Donations			
General Endowment Fund	346	806	
Student Travel Fund	3,578	3,387	
Total: Donations	5,974	4,193	
Royalties and other	50	1,717	
Program Services			
Joint annual meeting			
Advances/refunds for costs	17,544	25,000	
Income			
2005		2,207	
2006	57,494	1,000	
2007			
Memberships and subscriptions			
Life memberships	2,656	7,344	
Annual memberships	159,085	159,641	
Subscriptions	84,071	101,730	
Late fees	797	871	
Rental of mailing list	2,310	2,960	
Total: Memberships and subscriptions	248,918	272,546	
Publications			
Author billing, page charges	7,780	3,480	
Back issues of Copeia	1,420	1,843	
Postage	116	218	
Special publication # 3	440	453	
Special publication # 4	604	604	
Special publication # 5	2,494	2,494	
Total: Publications	12,218	9,092	
BioOne revenue share for previous year	26,377	25,671	
JSTOR revenue share for previous year	5,056	3,688	
Interest	4,438	3,240	
Dividends	25,107	22,401	
Long term capital gain distributions	28,708	35,339	
Short term capital gain distributions	2,380	6,582	
Realized gains/losses	40,424	48,446	
<b>Total Inflows</b>	<b>\$474,688</b>	<b>\$461,122</b>	<b>\$13,566</b>
<b>Outflows</b>			
Program services			
Awards	-24,647	-24,667	
Annual meeting			
On site, committees, refunds	-22,224	-13,908	
Abstract submission fees	-990	0	
ASIH President reimbursement	-516	-2,570	
Total: Annual meeting	-23,730	-16,508	
Committee expenses/EXEC projects	-5,007	-121	
Publications			
AllenTrack	-4,950	-8,825	
Editorial offices	-32,000	-25,000	
Copeia printing, etc.	-110,774	-83,087	
Copeia online	-20,078		
Special publications		-30	
Total: Publications	-167,802	-116,942	
Supporting services--management and general operation			
Allen Press business office	-42,657	-43,885	
Secretary's office	-36,870	-33,370	
Treasurer's office	-93	-122	
Web page	-3,552	-9,606	
Dues and subscriptions	-2,003	-3,743	
Annual audit and IRS Form 990 preparation	-7,016	-6,685	
Investment fees	-6,965	-8,461	
Misc., including bank charges	-3,221	-3,093	
Total: Supporting services	-102,376	-100,965	
<b>Total Outflows</b>	<b>-\$323,562</b>	<b>-\$267,203</b>	<b>-\$56,359</b>
<b>Overall Total</b>	<b>\$151,126</b>	<b>\$193,919</b>	<b>-\$42,793</b>

## 49. Appendix C. Treasurer's Table 2.

Table 2. ASIH membership and subscription numbers by category as of 1 May 2008 and income from online sources of *Copeia*.

Memberships and Subscriptions Type	Description	2001	2002	2003	2004*	2005	2006	2007	2008
<b>Memberships</b>									
ASCFAM	Second Member in Family	69	70	69	64	64	43	40	42
FHM	Foreign Honorary Member	26	27	27	26	26	25	25	25
LIF	Life Member Old Program	175	180	182	136	135	130	128	127
LIFN*	Life Member New Program				45	54	58	60	63
LIF1	Life Member First Payment	4	4	1	3	4	1	1	
LIF2	Life Member Second Payment	2	3	5	1	3	4	1	1
LIF3	Life Member Third Payment	3	2	2	5	1	3	4	1
LIF4	Life Member Fourth Payment	1	1	2	2	3	2	3	4
LIFX	Life Member (old program) <i>Copeia</i> donated				1	1	1	2	2
MEM	Regular Member, print and e journal	1792	1832	1757	1674	1542	1407	1340	1028
MEM0	Regular Member, e journal					89	107	116	339
STU, STUDB	Student Member, print and e journal	654	678	685	595	613	613	635	202
STUDO	Student Member, e journal							8	268
SUSW, SUSWB	Sustaining Member, print and e journal	39	26	28	38	28	30	26	20
SUSWO	Sustaining Member, e journal								3
	<b>Total</b>	<b>2765</b>	<b>2823</b>	<b>2758</b>	<b>2590</b>	<b>2563</b>	<b>2424</b>	<b>2389</b>	<b>2125</b>
<b>Subscriptions</b>									
COM	Complimentary Subscription	5	6	8	9	9	9	8	9
FINSB, INSB, INSWB	Institutional Subscription, print and e journal	1015	1009	949	877	826	758	688	555
INSWO	Institutional Subscription, e journal								59
	<b>Total</b>	<b>1020</b>	<b>1015</b>	<b>957</b>	<b>886</b>	<b>835</b>	<b>767</b>	<b>696</b>	<b>623</b>
	<b>Overall Total</b>	<b>3785</b>	<b>3838</b>	<b>3715</b>	<b>3476</b>	<b>3398</b>	<b>3191</b>	<b>3085</b>	<b>2748</b>
<b>Online sources for <i>Copeia</i></b>									
	BioOne revenue share and article sales (check received following year)	\$3,850	\$10,753	\$14,984	\$22,949	\$25,671	\$26,377	\$31,238	
	Subscription equivalents at \$135/subscription				170	190	195	231	
	JSTOR revenue share and article sales (check received following year)					\$3,688	\$5,056	\$6,301	

\*LIFN includes all fully paid new program life memberships since 1993, which previously were included in LIF category.

## 50. Appendix D. Treasurer's Table 3.

Table 3. ASIH cash, cash equivalents, and investments on 31 December 2007. Includes outstanding checks. Does not include 2007 dividends credited in 2008. (From 31 Dec. 2007 Citigroup Smith Barney and Douglas Co. Bank statements.)

Fund	Cash & Cash Equivalents		Investments	Total
	Douglas Co. Bank	Citigroup Smith Barney	Citigroup Smith Barney	
General Operating	\$203,806	\$59,097	\$207,031	\$469,934
Annual Meeting	0	91,049	21,917	112,966
Student Travel	441	16,527	0	16,968
Gibbs	0	14,307	115,497	129,804
General Endowment	135	37,107	99,158	136,400
Stoye	0	4,765	73,339	78,104
Life Membership	1,595	18,085	74,301	93,981
Raney	0	2,194	71,776	73,970
Gaige	0	1,330	57,253	58,583
Storer	0	1,798	24,721	26,519
Fitch	0	2,487	20,666	23,153
	<u>\$205,977</u>	<u>\$248,746</u>	<u>\$765,659</u>	<u>\$1,220,382</u>



## 51. Appendix E. Treasurers Table 4.

Table 4. Portfolio detail of the ASIH Citigroup Smith Barney TRAK Account on 31 December 2007.  
(From Citigroup Smith Barney Statement, 31 December 2007.)

	Initial Purchase Date	Shares	Cost	Unrealized gain/(loss)	Market Value 31-Dec-07	% of Total
<b>Equity Investments</b>						
<i>Large Cap Value</i>						
American Funds: Fundamental Investors F	11-Dec-2007	1519.032	\$68,039	(\$3,586)	\$64,453	9.4%
Davis NY Venture Fund Y	11-Dec-2007	1580.250	\$64,316	(\$395)	\$63,921	9.4%
Legg Mason Partners Fundamental Value Fund A	10-Dec-2007	0.489	\$8	(\$1)	\$7	0.0%
<i>Large Cap Growth</i>						
American Funds: Growth Fund of America	20-Apr-2005	4023.315	\$126,428	\$9,520	\$135,948	19.9%
Janus Advisor Forty Fund S	11-Dec-2007	1123.242	\$45,491	\$1,079	\$46,570	6.8%
<i>Small Cap Value</i>						
Royce Premier Fund	4-Jan-2001	775.734	\$9,478	\$3,989	\$13,467	2.0%
<i>Small Cap Growth</i>						
Legg Mason Partners Sm. Cap. Growth Fund I	7-Dec-2004	606.350	\$9,253	\$937	\$10,190	1.5%
RS Smaller Co. Growth Fund	7-Dec-2004	474.702	\$10,402	(\$690)	\$9,712	1.4%
<i>International</i>						
American Funds: Europacific Growth Fund F	24-Feb-2006	1164.347	\$55,756	\$3,218	\$58,974	8.6%
William Blair Int. Growth Fund N	11-Dec-2007	1958.328	\$63,758	(\$6,732)	\$57,027	8.4%
<i>Emerging Markets</i>						
Dreyfus Premier Emerging Markets Fund	10-Dec-2007	0.002	\$0	\$0	\$0	0.0%
Harding Loevner Emerging Markets Portfolio Fund	11-Dec-2007	425.876	\$25,935	(\$1,465)	\$24,471	3.6%
Lazard Emerging Markets Portfolio Fund	11-Dec-2007	1029.850	\$27,518	(\$2,925)	\$24,593	3.6%
<b>Fixed Income Investments</b>						
<i>Core Fixed Income</i>						
Columbia Intermediate Bond Fund	20-Feb-2004	16819.772	\$149,024	(\$1,347)	\$147,678	21.6%
<i>International Fixed Income</i>						
American Century Intl Bond Fund	25-Jan-2005	958.297	\$13,561	\$353	\$13,914	2.0%
<i>Government Money</i>						
Western Asset Money Market		11713.420	\$11,713	\$0	\$11,713	1.7%
			<u>\$680,681</u>	<u>\$1,956</u>	<u>\$682,638</u>	<u>100.0%</u>

## 52. Appendix F. Sales Figures for Special Publications

### Special Pubs.Itemized Categories Report - Last year

1/1/2007 through 12/31/2007

6/2/2008

Page 1

Date	Account	Num	Description	Memo	Clr	Amount
<b>INCOME</b>						<b>2,901.25</b>
<b>Program Services</b>						<b>2,901.25</b>
<b>Publications</b>						<b>2,901.25</b>
<b>Sales</b>						<b>2,901.25</b>
<b>Special Pubs.</b>						<b>2,901.25</b>
<b>Sp. Pub. #3</b>						<b>440.25</b>
2/2/2007	Douglas Co. Bank Comm. MM	S	Allen Press Deposits		R	30.00
2/28/2007	Douglas Co. Bank Comm. MM	S	Amazon.com		R	29.25
5/21/2007	Douglas Co. Bank Comm. MM	S	Allen Press Deposits		R	36.00
5/29/2007	Douglas Co. Bank Comm. MM	S	Allen Press Deposits	cc 5/23	R	30.00
5/30/2007	Douglas Co. Bank Comm. MM	S	Amazon.com		R	29.25
6/4/2007	Douglas Co. Bank Comm. MM	S	Allen Press Deposits		R	36.00
6/12/2007	Douglas Co. Bank Comm. MM	S	Allen Press Deposits		R	30.00
6/13/2007	Douglas Co. Bank Comm. MM	S	Allen Press Deposits		R	36.00
7/6/2007	Douglas Co. Bank Comm. MM	S	Allen Press Deposits		R	30.00
7/30/2007	Douglas Co. Bank Comm. MM	S	Allen Press Deposits		R	36.00
9/18/2007	Douglas Co. Bank Comm. MM DEP	S	Allen Press Deposits		R	30.00
9/27/2007	Douglas Co. Bank Comm. MM	S	Amazon.com	Jul--1	R	29.25
				Aug--2	R	58.50
<b>Sp. Pub. #4</b>						<b>499.00</b>
2/2/2007	Douglas Co. Bank Comm. MM	S	Allen Press Deposits		R	32.00
2/15/2007	Douglas Co. Bank Comm. MM	S	Allen Press Deposits		R	42.50
2/22/2007	Douglas Co. Bank Comm. MM	S	Allen Press Deposits		R	42.50
3/26/2007	Douglas Co. Bank Comm. MM	S	Allen Press Deposits		R	42.50
4/26/2007	Douglas Co. Bank Comm. MM	S	Amazon.com	Feb? 2007	R	31.50
5/30/2007	Douglas Co. Bank Comm. MM	S	Amazon.com		R	63.00
6/5/2007	Douglas Co. Bank Comm. MM	S	Allen Press Deposits		R	160.00
7/18/2007	Douglas Co. Bank Comm. MM	S	Allen Press Deposits		R	42.50
8/29/2007	Douglas Co. Bank Comm. MM	S	Allen Press Deposits		R	42.50
<b>Sp. Pub. #5</b>						<b>1,962.00</b>
1/17/2007	Douglas Co. Bank Comm. MM	S	Allen Press Deposits		R	120.00
1/29/2007	Douglas Co. Bank Comm. MM	S	Amazon.com	12/2006, 5...	R	27.00
2/28/2007	Douglas Co. Bank Comm. MM	S	Amazon.com	v 1	R	27.00
3/2/2007	Douglas Co. Bank Comm. MM	S	Allen Press Deposits		R	120.00
3/26/2007	Douglas Co. Bank Comm. MM	S	Allen Press Deposits		R	120.00
5/30/2007	Douglas Co. Bank Comm. MM	S	Amazon.com	v 1-3	R	81.00
7/18/2007	Douglas Co. Bank Comm. MM	S	Allen Press Deposits		R	120.00
7/31/2007	Douglas Co. Bank Comm. MM	S	Amazon.com	Jun 2007	R	108.00
9/27/2007	Douglas Co. Bank Comm. MM	S	Amazon.com	(2)--2	R	54.00
				(3)--2	R	54.00
				(3)--3	R	81.00
				(1)--1	R	27.00
				(2)--1	R	27.00
				(3)--1	R	27.00
10/10/2007	Douglas Co. Bank Comm. MM DEP	S	Allen Press Deposits		R	120.00
10/23/2007	Douglas Co. Bank Comm. MM DEP	S	Allen Press Deposits		R	120.00
11/1/2007	Douglas Co. Bank Comm. MM	S	Amazon.com	v 1 x 5	R	135.00
				v 2 x 5	R	135.00
				v 3 x 4	R	108.00
				v 1 x 1	R	27.00
				v 2 x -2	R	-54.00
11/28/2007	Douglas Co. Bank Comm. MM	S	Amazon.com	Oct 2007	R	81.00
12/28/2007	Douglas Co. Bank Comm. MM	S	Amazon.com	Nov 2007	R	297.00
<b>OVERALL TOTAL</b>						<b>2,901.25</b>

## 53. Appendix G. Web Data Table 1 (2006-2007)

Report for ASIH Website	
Time range: 4/17/2006 09:11:15 - 3/31/2007 23:54:23	Generated on Mon May 05, 2008 - 10:59:45
General Statistics	
Summary	
Summary	
Hits	
Total Hits	2,260,192
Average Hits per Day	6,476
Average Hits per Visitor	10.18
Cached Requests	324,578
Failed Requests	181,335
Page Views	
Total Page Views	336,859
Average Page Views per Day	965
Average Page Views per Visitor	1.52
Visitors	
Total Visitors	222,092
Average Visitors per Day	636
Total Unique IPs	64,198
Bandwidth	
Total Bandwidth	26.54 GB
Average Bandwidth per Day	77.88 MB
Average Bandwidth per Hit	12.31 KB
Average Bandwidth per Visitor	125.31 KB

## 54. Appendix H. Web Data: Table 2 (2007-2008)

### Report for ASIH Website

Time range: 4/1/2007 00:00:37 - 3/31/2008 23:57:20

Generated on Mon May 05, 2008 - 11:28:14

### General Statistics

#### Summary

#### Summary

<b>Hits</b>	
Total Hits	2,730,866
Average Hits per Day	7,461
Average Hits per Visitor	10.02
Cached Requests	391,068
Failed Requests	81,081
<b>Page Views</b>	
Total Page Views	322,773
Average Page Views per Day	881
Average Page Views per Visitor	1.18
<b>Visitors</b>	
Total Visitors	272,598
Average Visitors per Day	744
Total Unique IPs	87,677
<b>Bandwidth</b>	
Total Bandwidth	62.59 GB
Average Bandwidth per Day	175.11 MB
Average Bandwidth per Hit	24.03 KB
Average Bandwidth per Visitor	240.75 KB

## 55. Appendix I. Candidate Information for the 2007 Elections

### PRESIDENT-ELECT:

**Brodie, Edmund D., Jr.** Department of Biology, Utah State University, Logan UT 84322

**Research Interests:** Antipredator adaptations of amphibians, coevolution of garter snakes and toxic salamanders, and neotropical salamanders.

**Service to ASIH:** Honorary Foreign Member Committee 2007-8. Service on various student award committees. Secretary-Treasurer, Southeastern Division, 1974 – 1975.

**Goals as President of ASIH:** Develop strategies to increase and maintain membership among graduate students. Enhance the level of interaction with the other societies with whom ASIH meets.

**Hanken, James.** Department of Organismic and Evolutionary Biology and Museum of Comparative Zoology, Harvard University, 26 Oxford St., Cambridge, MA 02138

**Research Interests:** Evolutionary morphology; developmental biology; systematics and evolution of neotropical salamanders; biodiversity informatics. Current projects: evolution and development of the vertebrate skeleton; taxonomy and phylogeny of the Mexican genera *Thorius* and *Chiropterotriton*; AmphibiaTree (co-PI); Encyclopedia of Life (chair, Steering Committee).

**Service to ASIH:** Publications Secretary, 1983–87; Board of Governors 2000–2004, 2007–2011.

**Goals as President of ASIH:** Taxon-based professional societies find themselves at a critical juncture in their history. Organismal biology is of critical societal and scientific importance in the context of global climate change and its pervasive threats to biological diversity, yet the corresponding professional societies face the specter of a declining membership base, financial challenges from new, open access models of professional publication, and increased competition for scarce institutional resources. I would like to help ASIH devise innovative strategies to meet these challenges and insure that our society continues to thrive. I support current activities to promote research, education, natural history collections and conservation of living fishes, amphibians and reptiles. I would make special efforts to make our society and its annual meeting attractive to students and members of underrepresented groups, especially women and ethnic minorities. Finally, I would encourage the Society to actively promote the funding by government agencies and foundations of new initiatives in biodiversity informatics, which would increase the profile and relevance of natural history collections in scientific research, education, conservation and public policy.

### SUBJECT INDEX EDITOR:

**Klepadlo, Cynthia:** Senior Museum Scientist, Marine Vertebrates Collection, Scripps Institution of Oceanography, UCSD, La Jolla, CA 92093-0208

**Research Interests:** Systematics, taxonomy, deepsea fishes (Myctophiformes and Stomiiformes).

**Service to ASIH:** ad hoc Subject Index Editor, *Copeia*, 2007-present; Ichthyological and Herpetological Collections Committee, 1992-2006, Co-compiler of Curation Newsletter Index, 2005, Member, Joint Collections Newsletter Subcommittee 2006.

## NOMINATING COMMITTEE CHAIR

**Berra, Tim M.** Dept. of Evolution, Ecology & Organismal Biology, Ohio State University, Mansfield, OH 44906

**Research Interest:** Biogeography, evolution, ecology, and systematics of freshwater fishes. Primary research interests on freshwater fish biogeography and natural history of Australian fishes. Current projects include life history of nurseryfish, *Kurtus gulliveri*, in Northern Territory, Australia, and publication of *Charles Darwin: The Concise Story of an Extraordinary Man* for Johns Hopkins University Press in November 2008.

**Service to ASIH:** Organizer of Symposium *Darwin at 200: A View from Ichthyology & Herpetology* to be held at annual meeting in Portland in 2009. Member, Nominating Committee 2008. Ichthyology Book Review Editor 1993-2000. Board of Governors 1989-1993, Ex-officio 1993-2000. Chairman, Committee on Special Publications 1999. Chairman, Honorary Foreign Member Committee-Ichthyology 1997. Storer Award Judge- Ichthyology 1996. Chairman, Committee on History of Society 1977-1983. Author of: *A Chronology of the American Society of Ichthyologists and Herpetologists through 1982*. ASIH Special Publication No. 2, 21 p. Member, Editorial Board 1974-1978.

## NOMINATING COMMITTEE (ICHTHYOLOGY)

**Ross, Stephen T.** Curator Emeritus of Fishes, Division of Fishes, Museum of Southwestern Biology, MSC 03-2020, University of New Mexico, Albuquerque, NM 87131

**Research Interests:** Ecological and evolutionary relationships of fishes, including the impact of biotic and abiotic factors on the persistence and stability of fish assemblages, ecological responses of fishes to altered environments, conservation biology of fishes, behavior and ecology of anadromous fishes (especially sturgeon, Acipenseridae), and growth and ecology of western cyprinids in relation to hydrologic regimes.

**Service to ASIH:** Member since 1968; Session Chair and judge for Storer and Stoye awards at numerous ASIH meetings, Board of Governors 1981-1986, 1988-1993, 2002-2006; Copeia Editor for Ecology & Ethology 1994-1998; Chair, Nominating Committee 1984-1985, 1996-1997; Nominating Committee Member 1992-1993, 1995-1996; Editorial Board 1984-1986, 1991-1992; Endowment Committee 1992-1993, 1999- present; Chair Endowment Committee and member of Executive Committee 2007-present; Representative to the American Fisheries Society 1987-1990; President, Vice-President, and Secretary-Treasurer, Southeastern Division ASIH 1983-1986.

**Vari, Richard P.** Division of Fishes, National Museum of Natural History, Smithsonian Institution, PO BOX 37012, Washington, D.C. 20013-7012

**Research Interests.** Phylogenetic and revisionary studies of characiforms, siluriformes, and gymnotiforms. Historical biogeography of the Neotropical freshwater fish fauna. Current projects include studies of various genera of the gymnotiform family Apterontidae, studies of components of the African characiform family Distichodontidae and siluriform family Amphilidae.

**Service to ASIH.** Governor 1980-1985, Stoye Award Judge, Editorial Board, 1999 to present.

## **NOMINATING COMMITTEE (HERPETOLOGY):**

**Anderson, Roger A.** Department of Biology, Western Washington University, Bellingham, WA 98225-9160

**Research Interests:** Observational-descriptive studies of lizards under natural unmanipulated field conditions and in field mesocosms, and experiments in the laboratory on locomotion, bite force, anti-predatory behavior, and effects of temperature on learning in lizards. My research spans organismal biology, population biology, and community ecology. I especially study the relationship of food acquisition mode (FAM) to lizard ethotype (behavior), physiotype, and morphotype.

**Stone, Paul A.** Department of Biology, University of Central Oklahoma, Edmond, OK, 73034

**Research Interests:** Ecology and evolution of freshwater turtles, ecology of ephemeral ponds, ecological invasions. Currently conducting long-term mark recapture studies on Sonoran mud turtles in New Mexico and red-eared sliders in Oklahoma, and studying the invasion ecology of Mediterranean geckos in central Oklahoma.

**Service to ASIH:** Reviewer for *Copeia*

**Storfer, Andrew.** Associate Professor, School of Biological Sciences, Washington State University, Pullman, WA 99164-4236

**Research Interests:** landscape and conservation genetics of amphibians, evolutionary ecology of amphibian diseases. Current projects include: landscape genetics and phylogeography of Pacific Northwest Amphibians, coevolutionary dynamics of tiger salamanders and a ranavirus, transmission dynamics of the chytrid fungus, *Bathrachochytrium dendrobatidis* and character mapping of amphibian adaptation.

**Service to ASIH:** 1996-present – ad hoc reviewer, *Copeia*, Symposium co-chair – Amphibian Diseases, Manaus, 2003, meeting participant 1994-2007.

## **BOARD OF GOVERNORS (HERPETOLOGY)**

**Durtsche, Richard D.** Department of Biological Sciences, Northern Kentucky University, Highland Heights, KY 41099

**Research Interests:** Digestive physiology and nutritional ecology of amphibians and reptiles, ontogenetic changes in foraging and digestive mechanisms in anurans and lizards, and the thermal physiology of tropical lizards and how their thermoregulation follows dynamic non-linear chaotic patterns. Current projects include a study on the effects of leaf litter from the invasive shrub Amur honeysuckle (*Lonicera maackii*) on tadpole digestion and metamorph fitness across a geographic range, an investigation using *in-situ* hybridization techniques for identifying tadpole gut cells responsible for digestive enzyme production, and development and fabrication of microelectrodes for testing the mechanisms triggering acid production in the gastric tissue of anuran tadpoles.

**Service to ASIH:** Editorial Board member for *Copeia*, 2004.

**Greene, Brian D.** Department of Biology, Missouri State University, Springfield, MO, 65897

**Research Interests:** Ecology of snakes including spatial, physiological, behavioral, and life history questions. Current projects are mostly related to cottonmouth population biology. I am

conducting a long-term field study of a stream-associated population of cottonmouths in the Ozark's using mark-recapture techniques to measure demographic and reproductive life history variables and radiotelemetry to understand how resource distribution influences variation in spatial patterns. A recently initiated telemetry study in collaboration with the Fish and Wildlife Service will examine cottonmouth spatial patterns in a lowland swamp habitat in southeast Missouri and inform management decisions regarding the impact of auto traffic on snake mortality on a National Wildlife Refuge.

**Service to ASIH:** Stoye Award Judge (2006)

**Hopkins, William A.** Associate Professor, Wildlife Ecotoxicology and Physiological Ecology Program, Dept. of Fisheries and Wildlife Sciences, Virginia Polytechnic Institute and State University, Blacksburg, VA 24061

**Research Interests:** Physiological ecology of vertebrates with particular emphasis on the effects of anthropogenic disturbances on herpetofauna, fish, and birds; endocrinology and bioenergetics; reproduction and maternal effects; interactions between pollution and disease. Current funded projects include the effects of pollution on parasite susceptibility in amphibians, bioenergetic consequences of parasite infection, effects of maternal transfer of pollutants in terrestrial amphibians and birds, effects of incubation temperature on early development, influence of feeding ecology on trophic transfer of pollutants in turtles, and effects of landuse on the health and local abundance of eastern hellbenders.

**Mehta, Rita S.** Department of Evolution & Ecology, University of California, Davis, Davis, CA 95616

**Research Interests:** Evolution of morphological, functional, and behavioral innovations in vertebrates, behavioral ecology and ethology of ectotherms, evolutionary biomechanics and functional morphology of feeding in ectothermic vertebrates. Current projects include the evolution of functional innovations in feeding and respiration in anguilliform fishes and motor pattern evolution in snakes.

**Service to ASIH:** Committee on Graduate Student Participation, 2003; Gaige Award Committee 2006-2008.

**Preest, Marion R.** Joint Science Department, The Claremont Colleges, Claremont, CA 91711

**Research Interests:** Physiological ecology of amphibians and reptiles, particularly stress physiology, feeding energetics and thermoregulation.

**Service:** Secretary, SSAR (2002-present); Member: SSAR Nominations Committee (2002-present); Chair: SSAR Seibert Student Awards Committee (2000-2005), Elector: SSAR (2000-2002); Member: International Herpetological Committee, WCH (2005-present).

**Saporito, Ralph A.** Department of Biological Sciences, Old Dominion University, Norfolk, VA, 23529.

**Research Interests:** Ecology and evolution of chemical defenses and aposematism in poison frogs, chemical ecology of arthropods, and chemical ecology of *Rhabdophis tigrinus* and *Bufo* sp. Current projects include studies on alkaloid-based chemical defenses in poison frogs, alkaloid-containing arthropods, the phylogenetic distribution of alkaloids in oribatid mites, aposematism in dendrobatid frogs, poison glands in dendrobatid frogs, and bufadienolide-based chemical defenses of *R. tigrinus* and their bufonid prey.



**Service to ASIH:** ASIH Business Office Manager (ASIH Secretary's Office), 2000-2001; Ballot Tallying, ASIH General Election of Officers, 2003-2007; Member, Committee on Graduate Student Participation, 2006-2007; Member, Committee on Graduate Student Travel Awards, 2007.

**Steffen, John E.** Research Fellow, Department of Entomology, Auburn University, Auburn, AL. 36849. PhD awarded December, 2007 under advisement of Craig Guyer and Geoff Hill, Department of Biological Sciences, Auburn University.

**Research Interests:** Behavioral ecology of amphibians and reptiles, especially lizards. Visual signal ecology and evolution in all animals. Tropical ecology and conservation. Current projects include energetic quantification of visual signals in lizards, as well as investigation of information content in lizard displays.

**Service to ASIH:** Student judge for Stoye Award presentations, 2006, 2008. Volunteer for ASIH Conference Admissions, 2002, 2003. Official member of ASIH since 2001. Interested increasing my service contributions to ASIH in anyway the electorate sees fit.

**Taylor, Emily N.** Department of Biological Sciences, California Polytechnic State University, San Luis Obispo, CA 93407-0401

**Research Interests:** Environmental physiology of squamate reptiles, including host-parasite interactions, immune function, effects of hormones and temperature on reproduction and immune function. Current projects include investigation of host-parasite relationship between *Sceloporus* lizards and ticks; immune function of lizards as measured by bacterial killing assays and wound-healing; effects of testosterone on immune function; natural history, thermal, and reproductive biology of Northern Pacific rattlesnakes.

**Service to ASIH:** reviewer for *Copeia*; Stoye Award Judge, Conservation Biology, 2007; Stoye Award Co-Chair, 2008; Gaige award committee member (beginning 2009)

**Valenzuela, Nicole.** Department of Ecology, Evolution and Organismal Biology, Iowa State University, Ames IA 50011

**Research Interests:** Comparative ecological and evolutionary genomics related to sex determination, ecological and population genetics, and life history evolution in turtles. Current projects include gene expression response to naturally fluctuating and constant temperature in turtles with alternative sex determining mechanisms, evolution of sex chromosomes and sex determining genes, population genetics of the yellow-spotted turtle *Podocnemis unifilis*, phenotypic plasticity in *Podocnemis expansa* and *Chelydra serpentina* turtles with alternative sexual size dimorphism, and thermal ecology of *Dermochelys coriacea* sea turtles.

**Service to ASIH:** Invited judge for student competition at the 2008 meeting in Montreal.

**Vogt, Richard C.** Curator of Reptiles and Amphibians, Instituto Nacional de Pesquisas da Amazônia, Caixa Postal 478, Manaus, Amazonas, Brazil 6983-000

**Research Interests:** Evolution of TSD in freshwater turtles, community ecology of freshwater turtles. Ultrasound production and aquatic communication of freshwater turtles. Biogeography of Neotropical reptiles and amphibians. Current projects include underwater ultrasound communication in Podocnemid turtles. Community ecology of freshwater turtles in the Amazon Basin of Brazil. TSD in Podocnemid turtles--predicting sex ratios on

natural nesting beaches from satellite temperature data. Migrations of *Podocnemis expansa* using satellite transmitters.

**Service to ASIH:** Chair 2003 Joint Meeting in Manaus, Brazil, logistical assistance to 2000 Joint Meeting in La Paz, Mexico. Reviewer of articles. Permanent member of the ASIH standing beer committee. Active member since 1975.

## **BOARD OF GOVERNORS (ICHTHYOLOGY)**

**Barton, Michael G.** Division of Science and Mathematics, Centre College, Danville, KY 40422

**Research Interests:** Physiological ecology of marine and freshwater fishes; population biology and behavior of inland fishes of the Bahamas and Caribbean. Scanning electron microscopy studies of jaw and tooth development in pupfishes. Author of "Bond's Biology of Fishes 3rd ed." (2007). Currently writing another book on adaptations of fishes to terrestrial conditions.

**Service to ASIH:** Member since 1974; never an office-holder nor committee member.

**Bessert, Michael L.** Department of Biology, University of Wisconsin - Stout, Menomonie, WI, 54751

**Research Interests:** Phylogenetic systematics, population genetics, and genomics of fishes; conservation genetics of North American fishes, ecology and conservation of large-river fishes and desert fishes; also, general phylogeography, speciation, and alpha taxonomy. Current projects include range wide longitudinal monitoring of genetic structure in the genus *Cycleptus*, assessment of dam impacts on genetic structure in large riverine fishes, delineation of a new sucker species in the Rio Grande basin, conservation genetic and phylogeographic studies in Fundulidae and Catostomidae, comparative intraspecies genomics in allotetraploid suckers, behavioral genetics in *Kurtus gulliveri*, and tests of the ichthyoregulum hypothesis for the Driftless Area of southwestern Wisconsin, U.S.A.

**Service to ASIH:** Quite simply, my primary goal is to contribute as much as I can to the understanding and conservation of fishes in the time that I have. I work toward this goal via tendrils of basic research, education, and establishment of large, collaborative networks between basic and applied ichthyologists, educational institutions, and state and federal agencies. The American Society of Ichthyologists and Herpetologists has been instrumental in my career advancement. If elected, I would welcome the opportunity to serve on the A.S.I.H. Board of Governors as it would allow me to 'give back' to this outstanding organization and make an even greater impact in the field.

**Hilton, Eric J.** Department of Fisheries Science, Virginia Institute of Marine Science, Gloucester Point, VA, 23062

**Research Interests:** Anatomy, systematics and evolution of fishes, with a particular emphasis on fossil and living ray-finned fishes. Current projects include the systematics and comparative and developmental morphology of Acipenseridae, Osteoglossomorpha, Ostariophysi, Carangidae, and Zoarcoidei, among other groups.

**Service to ASIH:** Member, Copeia Editorial Board, 2001-present; Judge, Storer Award, 2005, 2007.

**López-Fernández, Hernán.** Associate Curator of Ichthyology, Department of Natural History, Royal Ontario Museum, 100 Queen's Park, Toronto, Ontario M5S 2C6, Canada

**Research Interests:** Adaptive radiation and evolution in freshwater fishes, focusing on systematics, evolutionary ecology and historical biogeography of Neotropical cichlids. Across-group comparison of evolutionary and biogeographic patterns in Neotropical freshwater fishes. Convergent evolution in fishes. Current projects include the phylogeny and tests for adaptive radiation and key innovations of Neotropical cichlids. Taxonomy of several groups of Neotropical cichlids. Survey and description of fishes from poorly explored rivers in South America and Mexico.

**Martin, Karen L.** Department of Biology, Natural Science Division, Pepperdine University, Malibu, CA 90263-4321

**Research Interests:** Physiological ecology of intertidal and coastal fishes, amphibious fishes, air-breathing fishes, terrestrially incubating anamniotes, coastal ecology and human impacts, vertebrate transitions from water to land. Current projects focus on California Grunion and include population genetics, hatching mechanisms, adaptations for terrestrial incubation, and an international range-wide population assessment with citizen scientists.

**Service to ASIH:** Annual Meeting Local Host Committee, 1984 in Norman, OK and 1994 in Los Angeles, CA; Stoye Award Judge, General Ichthyology, 1994; Moderator and Organizer, panel discussion on Women in Biology, annual meeting, 1994; Symposium Co-Organizer (with M. Horn and M. Chotkowski), "Intertidal Fishes: Life In Two Worlds" for 1994 annual meeting; Invited Panelist, panel discussion on Combining Family and Career, annual meeting in Guelph, Ontario, Canada, 1998; regularly review COPEIA manuscripts. Life Member.

**Pyron, Mark.** Department of Biology, Aquatic Biology and Fisheries Center, Ball State University, Muncie, IN 47306

**Research Interests:** community ecology of stream fishes, morphological variation of fishes with hydrology, biogeography, sexual selection. Current projects include assessment of long term Wabash River fishes, surveys of aquatic gastropods of Indiana, morphological variation of minnows in the White River, Indiana watershed, population estimates and movement of stream fishes at La Selva, Costa Rica.

**Service to ASIH:** Copeia Editorial Board 2003-4, Long Range Planning and Policy Committee 2003-4, Storer Award Judge General Ichthyology 2006, Stoye Award Judge General Ichthyology 1996, 1997, 1999, 2002, 2003

**Sidlauskas, Brian L.** National Evolutionary Synthesis Center, 2024 W. Main St., Suite A200, Durham, NC, 27705

**Research Interests:** Phylogenetic systematics and diversification of fishes (particularly Characiformes), understanding the evolution of ecomorphological diversity, and testing for differences in evolutionary processes with morphometrics, phylogenies and computer simulations. Current projects include an investigation of parallel evolution in African and South American characiforms and phylogenetic reconstruction for the Anostomoidea using molecules and morphology.

**Service to ASIH:** Judge for Storer and NIA Awards, 2007; Session Chair, 2004-2007; External Reviewer for Copeia, 2007-2008; Nominated to Editorial Board for Copeia, 2008.

**Stouder, Deanna J.** Director, Environmental Sciences Research, US Forest Service Research and Development, Washington, DC 20250

**Research Interests:** Influences of habitat change, both natural and anthropogenic, and species interactions on aquatic communities (freshwater, estuarine, and marine). Impacts of land management actions, climate change, and disturbance on watershed condition, water quality and quantity, and affects on organisms. Conservation and restoration of natural systems.

**Service to ASIH:** 1984-1988: Member, Committee for the 75<sup>th</sup> Anniversary of Copeia; 1984-1989: Member, Committee on Graduate Student Participation (1987-1989 Chair of this committee); 1990-1992: Member, *ad Hoc* Committee on Selection of the Nominating Committee; 1992, 1997 Chair, Stoye Award Committee (1996 Member, Stoye Award Committee); 1993: Member, Raney Award Committee; 1993-1998: Member, Board of Governors; 1993-2003 Member, Long Range Planning Committee; 1997-1999: Member, Nominating Committee (1998-1999: Chair of this Committee); 1999-2000: Member, *ad Hoc* Meeting Planning Committee; 2000-2004: Member, Board of Governors; 2001-2008: Chair, Meeting Planning Committee

**Summers, Adam P.** Department of Ecology and Evolutionary Biology, University of California, Irvine, CA 92697

**Research Interests:** Biomechanics, Comparative Anatomy, Cartilaginous fishes, Bony Fishes, Caecilians, Skeletal materials, Surface Properties of Biomaterials

**Service to ASIH:** Resolutions Committee Chair 2005; Gaige Fund Grant Committee - 2005-2007 – chair 2007; Session Chair 2001; Judge, Storer Best Poster Award 2002; Judge, Stoye Best Student Paper Award – general ichthyology 2001; Member of the Committee on Equal Participation 2000-2001; Chair of the Committee on Graduate Student Participation 1996-98; Member of the Committee on Graduate Student Participation 1993-96.

**Turner, Thomas F.** Museum of Southwestern Biology, Division of Fishes, University of New Mexico, Albuquerque, NM, 87131

**Research Interests:** Evolution and ecology of fishes, conservation genetics, aquatic food web ecology, early life histories of fishes, ecological genetics and genomics as related to reproduction and immune function of fishes. Current projects include long-term genetic monitoring of Rio Grande fishes, effects of river drying on aquatic food web dynamics, genomic approaches to studying reproductive timing, larval fish community assembly and function in highly variable river systems.

**Service to ASIH:** Editorial Board Copeia, 1997-1998; Board of Governors 2002-2007; Stoye Award Judge, General Ichthyology, 2006.

## **Board of Governors Ballot Information 2008:**

### **Robert G. Gibbs, Jr. Memorial Award Committee**

**Anderson, William D. Jr.** Grice Marine Biological Laboratory, College of Charleston, Charleston, South Carolina 29412-9110

**Research Interests:** Systematics of the fish families Symphysanodontidae, Serranidae, Callanthiidae, and Lutjanidae, and the history of natural history.

Current work focused on systematics of Atlantic and eastern Pacific anthiine serranid fishes.

**Service to ASIH:** General Ichthyology Editor of COPEIA, November 1976--December 1979.

Editorial Board of COPEIA, 1987, 1991, 1992. Ichthyological Book Review Editor of COPEIA, September 2000 through December 2003. Executive Committee 1977--1979. Board of Governors 1977--1979, Class of 1992 (elected in 1987), Class of 2000 (elected in 1995), 2001--2003 (Ex-officio). Committee on Environmental Quality 1979--1993. Nominating Committee 1980--1981. Time, Place, and Program Committee 1987--1995. Chairman, Program Subcommittee, 70th annual meeting, Charleston, June 1990. Resolutions Committee at annual meetings, 1991, 1994, 1997. Advisory subcommittee of AFS/ASIH Committee on Names of Fishes, 1993 to present. Robert H. Gibbs, Jr., Memorial Award Committee, 2001-2003 (Chairman, 2003). Stoye Award Judge for Genetics, Development, and Morphology 1982; one of judges for Stoye Award in General Ichthyology 1998. Chaired sessions at annual meetings 1976, 1986.

**Johnson, G. David.** Curator, Division of Fishes, National Museum of Natural History, P.O. Box 37012 MRC 159, Washington, DC 20560

**Research Interests:** Systematics and early life history of teleost fishes, particularly acanthomorphs, with a central focus on comparative anatomy, ontogeny, phylogenetic reconstruction and classification. Current collaborative projects include a revised classification of teleost fishes, ontogeny and homology of the sucking disc of remoras, comparative morphology and resolution of the life history conundrum of whalefishes, and high quality imaging of larvae of marine fishes.

**Service to ASIH:** Board of Governors, 1980-84, 2005-present; Rainey Award Committee, 1981-83; Stoye Award Judge, 1985, 1989, 1994; Classification Committee, 1991; Nominating Committee, 1999-2000; Percomorph Phylogeny Symposium organizer, 1990; Interrelationships of Fishes co-convenor, 1995.

**Schaefer, Scott A.** Curator, Division of Vertebrate Zoology, American Museum of Natural History, New York, NY 10024-5192

**Research Interests:** Systematics, phylogenetics, biogeography of tropical freshwater fishes; evolutionary morphology.

**Service to ASIH:** Editor, *Copeia*, 2005-present; Executive Committee, 2005-present; Board of Governors, 1998-2002, 2005-present; Editorial Policy Committee, 1998-2002, Chair 2005-present; Chair, ad hoc *Copeia* Review Committee, 2005; *Copeia* General Ichthyology Editor, 1998-2002; Editorial Board, 1997-98; Raney Award Committee, 1989-90, Chair, 1990; Stoye Award Judge, 1990; Joint Collections Resources Committee, 1991; ad hoc Committee on Electronic Publishing, 1999.

### **Robert K. Johnson Award Committee**

**Paulissen, Mark A.** Department of Natural Sciences, Northeastern State University, Tahlequah, Oklahoma, 74464

**Research Interests:** Behavior and Ecology of Reptiles. Specific interests are study of the factors that affect spatial learning in skinks, demography of the introduced Mediterranean gecko, and ecology of parthenogenetically-reproducing, all-female species of whiptail lizards.

**Service to ASIH:** Stoye Award Judge, General Herpetology, 1996; Reviewer for COPEIA

**Kley, Nathan J.** Department of Anatomical Sciences, Stony Brook University, Stony Brook, NY 11794-8081.

**Research Interests:** Functional morphology of snake feeding systems; evolutionary morphology of the skull, vertebrae and pelvic apparatus of snakes; origin and early evolution of snakes; biology of blindsnakes; functional and evolutionary morphology of the squamate hyolingual apparatus; and mechanics and kinetics of burrowing in limbless vertebrates. Current projects include studies of: the evolution of prey transport performance in snakes; evolutionary morphometrics of the ophidian feeding apparatus; and positional behaviors associated with macrophagy in alethinophidian snakes.

**Service to ASIH:** Board of Governors, 2005-present.

**Tracy, C. Richard.** Department of Biology, University of Nevada Reno, Reno, NV 89557

**Research Interests:** Physiological/biophysical ecology, population biology, evolutionary ecology and conservation biology of amphibians and reptiles. Current projects include phylogeography and phylogenetics of Western Toads in the Great Basin, US; host-pathogen biology of desert tortoise and *Mycoplasma agassizii*; hydroregulatory theory and hydroregulation by anuran amphibians; evolution of arboreality in anuran amphibians; problems in estimating population density of rare and elusive species with special attention to monitoring desert tortoise; Population genetics of desert tortoise; Assessing stress in individual tortoises using free corticosterone in desert tortoise; use of stable isotopes to assess the trophic dynamics of an insular herpetofauna; assessing dispersal in chuckwallas using microsatellites.

**Service to ASIH:** Member for 40 years - lifetime membership

## Henry S. Fitch Committee

**Ferguson, Gary W.** Emeritus Professor of Biology. Department of Biology, Box 298930, Texas Christian University, Fort Worth Texas 76129

**Research Interests:** Behavior, ecology, and nutrition of reptiles. Current interests and projects relate to the role of Ultraviolet (UVB) light in the generation of vitamin D and behavioral UVB-photoregulation of vitamin D homeostasis in lizards

**Service to ASIH:** Editorial Board, *Copeia*; Member, Time and Place Committee; Chairman, Local Committee 60th Annual Meeting held at Texas Christian University in 1980; Board of Governors.

**Gibbons, J. Whitfield.** Savannah River Ecology Laboratory, Drawer E, Aiken, SC 29802-1030 USA

**Research Interests:** Population dynamics and ecology of aquatic and semi-aquatic vertebrates, including detailed population studies of fishes, amphibians, and reptiles, particularly turtles, to determine functional relationships between population parameters (e.g., survivorship, reproductive output, dispersal rate) and environmental conditions. Current focus is documenting and explaining the distribution and abundance patterns of herpetofauna, with an emphasis on application of basic research to environmental impact and conservation issues and ultimate goals of explaining findings at the ecological and evolutionary levels.

**Service to ASIH:** Board of Directors (1993-97); ASIH **Southeastern Division President** (1974, 1975), Vice-President (1973), Secretary-Treasurer (1972); Book Review Editor of *Copeia*--*Herpetology* (1993-1997).

**Miles, Donald B.** Department of Biological Sciences, Ohio University, Athens, OH 45701

**Research Interests:** Ecological Morphology, correlated evolution of morphology and locomotor performance in lizards, morphological and physiological diversification in evolutionary radiations, evolution of alternative mating strategies, and correlational selection on physiological and behavioral traits. Current projects include morphological and physiological diversification in gekkonid and scincid lizards, correlation selection and the evolution of mating strategies in *Urosaurus* and *Uta*, and performance and life historical consequences of thermal melanism in lizards.

**Candidate Information: Honorary Foreign Member (Ichthyology)**

**Keiichi Matsuura**, Collection Director (formerly, Chief Curator of Fishes), National Museum of Nature and Science, Tokyo, Japan; and Adjunct Professor, University of Tokyo.

**Research Interests:** Systematics of triggerfishes, pufferfishes and their relatives (Tetraodontiformes); Indo-Pacific fishes; fishes of Japan.

**Service to Ichthyology:** Former president, Ichthyological Society of Japan; Former president, Union of Japanese Society for Systematic Biology; Former Editor in Chief, Ichthyological Society of Japan; Member, Scientific Advisory Board, Indo-Pacific Fish Conference; Chair, Scientific Committee of GBIF Japan.

In addition to an outstanding body of scientific publication and service to the ichthyological community, Matsuura has a long and distinguished record of encouraging collaborative studies between Japanese and American ichthyologists through support of travel between the two countries. He has also demonstrated this commitment to this spirit of international collaboration through his own frequent attendance at ASIH meetings.



### **Candidate Information: Honorary Foreign Member (Herpetology)**

**Wolfgang Böhme:** Wolfgang Böhme, born in Schönberg, Germany, in 1944, is a graduate of the Christian-Albrechts-Universität in Kiel where he completed his doctoral dissertation on lacertid lizard hemipenes under the direction of Prof. Dr. Wolf Herre in 1971. He completed his habilitation in 1988 and has been a full professor since 1996. Since 1971 he has served as the head of the herpetology section of Zoologisches Forschungsmuseum Alexander Koenig in Bonn and since 1992 he has been the head of the Vertebrate Department of the museum and Vice director of the Institute.

Böhme has conducted field research throughout Europe and in North and West Africa and has published widely on amphibians and reptiles around the world, with emphasis on the systematics, ecology, and biogeography of lizards (particularly chamaeleonids and varanids), squamate genital morphology, and fossil and amber-preserved lizards. He was founder and editor (1981-1999) of the *Handbuch der Reptilien und Amphibien Europas* and has published 446 papers. He has supervised 27 doctoral dissertations and more than 80 masters theses and has hosted and supported dozens of herpetologists from around the world as postdoctoral fellows and visiting scholars in Bonn. He has served as chairman of the Deutsche Gesellschaft für Herpetologie und Terrarienkunde (1983-1991), the largest herpetological association in the world, and as president of the Societas Europaea Herpetologica (1993-2001), of which he was a founding member. He has represented his institution, and Germany, in many pan-European meetings and organizations and also served (2001-2005) as a member of the International Committee of Zoological Nomenclature.

**Anselm de Silva:** Anselm de Silva was born in Matara, Sri Lanka in 1940 and received his professional training in London and at the University of Peradeniya, where he has subsequently been granted an honorary degree (1991) and has lectured. He is currently a visiting lecturer at Rajarata University in Mihintale, Sri Lanka.

De Silva has conducted field research throughout Sri Lanka and has published on all aspects of the national herpetofauna, including systematics, ecology, behavior, parasitology, and conservation biology. His special interests have long been in the areas of snake venom, toxinology, and reptiles and public health. He has published more than 250 papers in both local and international journals as well as many book chapters and several major books, including *Colour Guide to the Snakes of Sri Lanka* (1990), *The Herpetofauna of Sri Lanka: A Brief Review* (1996), *A Photographic Guide to the Snakes and Other Reptiles of Sri Lanka* (2005), and *Snakes of Sri Lanka: A Coloured Atlas* (2008). He is also the founder and editor of the herpetological journal *Lyriocephalus*. Through decades of public outreach programs, de Silva has influenced generations of herpetologists in Sri Lanka, serving as a mentor to almost every younger herpetologist in his country at some point or another. He organized the first National Conference on Herpetology (1995) and the 4<sup>th</sup> World Congress of Herpetology (2001) in Sri Lanka and has represented Sri Lanka at numerous South Asian, Asian, and global level conferences and workshops, serving as chair or co-chair of the Declining Amphibian Task Force and IUCN Amphibian Specialist Group within Sri Lanka. De Silva has been an effective promoter of herpetology in Sri Lanka, hosting and participating in collaborative research with herpetologists from the United States, India, Japan, Israel, and the United Kingdom, generating funds for local research and conservation, and developing public awareness and appreciation of reptiles and

amphibians through personal appearances, school programs, and national public health campaigns.

**Oscar Flores:** Dr. Oscar A. Flores-Villela is the leading herpetologist in Mexico; he is a Professor in the Facultad de Ciencias, UNAM, at the Museum of Zoology. He earned his Ph. D. degree in 1982 from the Facultad de Ciencias, UNAM, Mexico, D. F. He was instrumental in starting the herpetology collection at the Museum of Zoology in the UNAM Facultad de Ciencias while still an undergraduate and has since developed it into the largest herpetological collection in the country. He served as coordinator of the "Biological Data Base" project within the Centro de Ecología. Dr. Flores has an extensive publication record in both Spanish and English. He has 97 scientific publications, 22 popular articles, and 12 books either edited or authored. He is well known for his collaborative nature and has worked and published with a large number of herpetologists. He has mentored a large number of students, many of whom are now productive members of the scientific community. He has been a member of ASIH since 1979 and has served on the Board of Governors.

**Ermi Zhao:** Zhao Ermi, born in Chengdu, Sichuan, China, in 1930, is a graduate of West China Union University where he was trained by Professor and Academician Liu Cheng-chao, then China's preeminent herpetologist. Zhao became a staff member at the Chengdu Institute of Biology, a division of Academia Sinica, where he succeeded Liu in 1978 as head of the Herpetological Department, the largest research program in China devoted to amphibians and reptiles. In 1982, Zhao became Deputy Director of the institute.

Zhao has conducted field research in all parts of China and has trained several generations of herpetology students. He has authored or edited more than two dozen books on Chinese herpetology. His major works include "Herpetology of China" (1993) and, most recently, his two-volume "Snakes of China" (2006). He has actively promoted herpetology in China and its links to the international community. He served on the Executive Committee for the First World Congress of Herpetology. He regularly attends herpetological meetings in the USA and Europe, including two ASIH meetings. In 2002, he was elected to membership in the Chinese Academy of Sciences, in recognition for his research contributions. Academician is the highest honor accorded to a scientist in the People's Republic of China.

## 56. Appendix J. Officers, Copeia Staff, Committees 2008

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### COPEIA STAFF -2008

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**GENERAL ICHTHYOLOGY** - Carl J. Ferraris, Jr. - cferraris@msn.com  
**GENERAL HERPETOLOGY** - Tod W. Reeder - treeder@sunstroke.sdsu.edu  
**GENERAL HERPETOLOGY** - Michael J. Lannoo - mlannoo@iupui.edu  
**GENERAL HERPETOLOGY** - David Kizirian - dkizirian@amnh.org  
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**ECOLOGY AND ETHOLOGY** - Gregory J. Haenel - haenel@elon.edu.  
**ECOLOGY AND ETHOLOGY** - Jacqueline Litzgus - jlitzgus@laurentian.ca  
**ECOLOGY AND ETHOLOGY** - Sharon Wise - swise@utica.edu  
**GENETICS, DEVELOPMENT & MORPHOLOGY** - Jacqueline Webb - jwebb@etal.uri.edu  
**GENETICS, DEVELOPMENT & MORPHOLOGY** - Joseph M. Quattro - quattro@mail.biol.sc.edu  
**PHYSIOLOGY & PHYSIOLOGICAL ECOLOGY** - Eric Schultz - eric.schultz@ucon.edu  
**INDEX EDITOR (SUBJECT)** - Cynthia Klepadlo (Subject) - cklepadlo@ucsd.edu  
**INDEX EDITOR (TAXONOMIC)** - Jay W. Orr (Taxonomic) - james.orr@noaa.gov  
**BOOK REVIEW - ICHTHYOLOGY** - William Leo Smith - lsmith@fieldmuseum.org  
**BOOK REVIEW - HERPETOLOGY** - Taran Grant - taran@amnh.org

### Society Historians

**SOCIETY HISTORIAN ICHTHYOLOGY** - David G. Smith - smith.davidg@nmnh.si.edu  
**SOCIETY HISTORIAN HERPETOLOGY** - Joseph C. Mitchell - jmitchel@richmond.edu

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Fundraising: Rocky Parker - parkermi@science.oregonstate.edu (Head), Mallory Eckstut, Jason Ortega

Graduate Student and Faculty Relations: Chris Kenaley - c.kenaley@uwashington.edu (Head), Alison, Hamilton, Rocky Parker

### COMMITTEE FOR HONORARY FOREIGN MEMBER - HERPETOLOGY

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Larry G. Allen - larry.allen@csun.edu (Chair)

*Members:* Brian I. Crother, Philip J. Motta, Frank Pezold, M. Rockwell Parker, Deanna J. Stouder, Mary E. White

#### **ROBERT H. GIBBS, JR. MEMORIAL AWARD COMMITTEE**

Carter R. Gilbert - carter@flmnh.ufl.edu (Chair)

*Members:* Richard Winterbottom (2008-2009), Lara Ferry-Graham (2008-2010)

#### **STUDENT AWARDS COMMITTEE**

John G. Lundberg - lundberg@acnatsci.org (Co-Chair )

Emily Taylor - etaylor@calpoly.edu (Co-Chair)

*Members:* Stoye & Storer Judges: To Be Announced at 2008 Annual Banquet

**WEB CONTENT AND MANAGEMENT COMMITTEE - RECURRING COMMITTEE**

Hank Bart - hank@museum.tulane.edu (Chair)

*Members:* Margaret A. Neighbors, Jeannine Cody, Nelson E. Rios

**HISTORY OF THE SOCIETY COMMITTEE - RECURRING COMMITTEE**

David G. Smith - smith.davidg@nsmnh.si.edu (Co-Chair)

Joseph C. Mitchell - jmitchel@richmond.edu (Co-Chair)

*Members:* Inci A. Bowman, Vic H. Hutchison, Wm. Leo Smith, Susan Walls

**REPRESENTATIVES TO OTHER SOCIETIES**

**AMERICAN ELASMOBRANCH SOCIETY** - George Burgess - gburgess@flmnh.ufl.edu

**AMERICAN FISHERIES SOCIETY** - Melvin E. Warren, Jr. -

fswarren@sunset.backbone.olemiss.edu

**AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES** - Alan H. Savitzky -

asavitzk@odu.edu

**AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES: Public Policy Committee** - Alan

H. Savitzky - asavitzk@odu.edu

**EARLY LIFE HISTORY SECTION OF AMERICAN FISHERIES SOCIETY** - Jacqueline

Webb - jacqueline.webb@villanova.edu

**NATURAL SCIENCE COLLECTIONS ALLIANCE** - Larry M. Page - lpage1@ufl.edu

**SOCIETY FOR THE PRESERVATION OF NATURAL HISTORY COLLECTIONS** -

John Simmons - simmons.johne@gmail.com

**SOCIETY FOR STUDY OF AMPHIBIANS AND REPTILES AND HERPETOLOGISTS'**

**LEAGUE** - Alan H. Savitzky - asavitzk@odu.edu

**Information Coordinators**

**HERPETOLOGY** - Maureen A. Donnelly - asih@fiu.edu

**ICHTHYOLOGY** - Mollie Cashner - mcashner@tulane.edu

## **57. Appendix K. Curricula Vitae for Honorary Foreign Members**



## CURRICULUM VITAE - KEIICHI MATSUURA

Keiichi Matsuura

Present Position: Collection Director of the National Museum of Nature and Science, Japan

Address: Collection Center

National Museum of Nature and Science

3-23-1 Hyakunin-cho, Shinjuku-ku

Tokyo 169-0073

Japan

Email address: matsuura@kahaku.go.jp

Fax number: +81-3-3364-7104

Phone number: +81-3-5332-7167

### Biographical Information:

Birthdate/birthplace : 15 August 1948/Tokyo, Japan

Marital Status: Married with 2 children

### Degrees:

B. Fish. Sc.:1971, Tokyo University of Fisheries

M. Fish. Sci.:1973, Hokkaido University

Dr. Fish. Sci.: 1978, Hokkaido University

### Positions:

Curator of the Fisheries Museum of Hokkaido University: Jan. - Mar. 1979

Curator of the National Museum of Nature and Science: Apr. 1979 - June. 1987

Senior Curator of the National Museum of Nature and Science: July. 1987 - Mar. 1994

Chief Curator of the National Museum of Nature and Science: Apr. 1995 - June 2007

Adjunct Associate Professor of the University of Tokyo: Apr. 1995 - Mar. 2003

Adjunct Professor of the University of Tokyo: Apr. 2003 - present

Collection Director of the National Museum of Nature and Science: July 2006 - present

### Other positions:

Scientific Advisory Board Member of the Indo-Pacific Fish Conference: Jan. 1995 -present

Editor in Chief of the Ichthyological Society of Japan: Jan. 1992 - Dec. 1997

Scientific Advisory Board Member of the Ibaraki Nature Museum: Apr. 1998 - present

GBIF Node Manager of Japan: Jan. 2002 - Dec. 2003

GBIF Scientific Subcommittee (DIGIT): Jan. 2001 - Dec. 2005

Vice President of the Union of Japanese Society for Systematic Biology: Jan. 2003 -Dec. 2004

President Elect of the Ichthyological Society of Japan: Jan. 2004 - Dec. 2005

President of the Union of Japanese Society for Systematic Biology: Jan. 2004 - Dec.2005

President of the Ichthyological Society of Japan: Jan. 2006 - present

Councilor of the Fujiwara Natural History Foundation: Apr. 2007 - present

Chair of the Scientific Committee of GBIF Japan: Apr. 2007 - present

### Taxonomic publications:

Amaoka, K., K. Matsuura, T. Inada, M. Takeda, H. Hatanaka and K. Okada (eds). 1990. Fishes collected by the R/V Shinkai Maru around New Zealand. Japan Marine Fishery Resource Research Center.

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- Yano, K., K. Matsuura and O. Tsukada 2002. Redescription of the rare squaloid shark *Oxynotus japonicus* from Suruga Bay and the Enshu-nada Sea, Japan. Species Diversity, 7 (no. 4): 363-369.

## Curriculum Vitae of Wolfgang Böhme

Born November 21, 1944 at Schönberg near Kiel (Schleswig-Holstein, Germany) as the 3rd child of the musician Ferdinand Böhme (1906-1971) and his wife Hedwig, born Stange (1913-1992). Ferdinand Böhme was violinist of the first desk at the municipal orchestra in the opera house of Kiel and subject teacher for violine, both privately and at the Pedagogic College of Kiel.

Wolfgang Böhme finished highschool ("Kieler Gelehrtenschule") in Kiel, April 1965, and subsequently studied zoology, botany and paleontology at the "Christian-Albrechts-Universität" of Kiel. Doctoral degree with a thesis on hemipenis morphology in lacertid lizards in June 1971 under supervision of Prof. Dr. Wolf Herre.

From August 1971 until today head of the Herpetology Section of the "Zoologisches Forschungsmuseum Alexander Koenig" (ZFMK), Bonn. Since then, increase of the herpetological collection from less than ca. 9.600 specimens to ca. 88.000. Since October 1992 Head of the Vertebrate Department and Vice Director of the Institute and Museum.

Fields of Research: Systematics, ecology and biogeography of amphibians and reptiles, with taxonomic focus on lizards (chameleons, monitor lizards) and its Tertiary and Quaternary predecessors (e.g. lizard amber fossils); genital morphology of squamates. Geographical focus on the western Palearctic Region (founder and editor of "Handbuch der Reptilien und Amphibien Europas", edition of 5 vols. between 1981 and 1999) and West Africa (6 larger field excursions to West/Central Africa, each with 1-3 months duration: Spring 1973 Cameroon, winter 1973/74 Cameroon, winter 1975/76 Senegal/Gambia, 1993 Guinea, 1998 Cameroon, 1999 crossing the Sahara in both directions: Morocco, West Sahara, Mauritania, Senegal). In 2002 an extensive educational trip through the eastern half of the USA. Currently 446 sci. publications.

Since winter semester 1980/81 participation in teaching at the "Rheinische Friedrich-Wilhelms-Universität" Bonn; habilitation (thesis on genital morphology in the Sauria) and *venia legendi* received in May 1988. Since then regular teaching and supervision of more than 80 master and 27 doctoral theses, plus 25 theses for state examen. Awarded full professorship ("apl. Professor") April 1996.

Members of his ZFMK herpetological working group were/are active in the tropics of Central and South America (Costa Rica, Venezuela, Peru, Bolivia, Chile), Africa (Guinea Bissau, Gambia, Benin, Cameroon, Gabon, Kenya, Zambia) and Madagascar, and of SE Asia (Vietnam, Indonesia).

September 1979 host and founding member of the "Societas Europaea Herpetologica", which publishes "Amphibia-Reptilia", simultaneously founded at ZFMK, and today the leading journal of its discipline in Europe. Elected for president of the society 1993 in Barcelona, re-elected for another 4 years 1997 in Prague.

From 1983 to 1991 Chairman of the "Deutsche Gesellschaft für Herpetologie und Terrarienkunde" (DGHT) which during this period grew from ca. 2000 to over 5000 members, thus becoming the largest association of its discipline in the world.

From 2000 to 2002 founding chairman of the working group "Literatur und Geschichte der Herpetologie" of the DGHT with its own periodical "Beiträge zur Literatur und Geschichte der Herpetologie und Terrarienkunde", after two issues, from 2003 onwards, continued as "Sekretär".

From 2001 to 2005 member of the Commission of the "International Committee of Zoological Nomenclature" (ICZN).

From October 1996 to December 2006 President of the "European Association of Zoological Nomenclature" (EAZN).

From a first marriage (1970-1974) father of one daughter (Judith). Since 1974 married with Roswitha Böhme. From this marriage two sons (Moritz and Peter).

## **Publications of Wolfgang BÖHME**

1. BÖHME, W. (1964): Daten zur Nagetierfauna von Kiel und Umgebung. - Faun. Mitt. Norddeutshl., 2: 145-148.

2. BÖHME, W. & H. Reichstein (1966): Zum Vorkommen und zur Verbreitung der Brandmaus, *Apodemus agrarius* (Pallas, 1771), am NW-Rande ihres europäischen Areals. - Zool. Anz., 177: 319-329.
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7. BÖHME, W. (1970): Ringelechsen - Stieftiere der Terrarien- freunde? - Aquar. Mag., 1970: 450-451.
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9. Krampitz, G., Kriesten, K. & W. BÖHME (1973): Untersuchungen über Ultrastruktur und Aminosäuren- zusammensetzung der Eischalen von *Natrix natrix*. - Experientia, 29: 416-418.
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12. BÖHME, W. (1974): Die Typusexemplare der Herpetologischen Sammlung des Museums Alexander Koenig, Bonn. - Bonn. zool. Beitr., 25: 165-176.
13. BÖHME, W. (1974): Ein seltenes Zwergchamäleon aus Madagaskar. - Salamandra, 10(2): 80-82.
14. Hemmer, H. & W. BÖHME (1974, ausg. 1975): Nachweis natürlicher Bastardierung der Erdkröte (*Bufo b. bufo*) mit der Wechselkröte (*Bufo v. viridis*) im Rheinland (Salientia, Bufonidae). - Salamandra, 10(3/4): 126-130.
15. BÖHME, W. (1975): Zur Herpetofaunistik Kameruns, mit der Beschreibung eines neuen Scinciden. - Bonn. zool. Beitr., 26(1/3): 2-48.
16. BÖHME, W. (1975): A Montane Chameleon New to Nigeria. - Niger. Field, 40(3): 125-129.
17. BÖHME, W. & W. Bings (1975): Zur Frage des Überlebens von *Lacerta s. simonyi* Steindachner (Sauria: Lacertidae). - Salamandra, 11(1): 39-46.
18. BÖHME, W. (1975): Zum Vorkommen von *Pelobates syriacus* Boettger 1889 in Griechenland. - Senck. biol. 56(4/6): 199- 202.
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**II.** ANSLEM DE SILVA:

**III. CURRICULUM VITAE 2008**

**Name** : Kongahage Anslem Lawrence de Silva  
**Date and Place of Birth** : 1940 August 1, Matara, Sri Lanka  
**Nationality** : Sri Lankan  
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**Address** : 15/1, Dolosbage Road, Gampola, Sri Lanka.  
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**EDUCATIONAL QUALIFICATIONS**

1. Technical Certificate - Medical Museum Technology (London) passed with Distinction
2. Certificate in Audio-visual aids (Overseas Visual Aids Center, London)
3. Degree of Master of Science (Hon.Causa) University of Peradeniya, 1991

**SCHOLARSHIPS AND AWARDS**

1. Colombo Plan Scholarship to United Kingdom from April 1967 to December 1968.
2. Award for outstanding performance in the field of herpetology and toxinology by the International Society of Toxinologists at the 10th World Congress of Animal, Plant and Microbial Toxins, November 1991, University of Singapore, Singapore.

**PUBLICATIONS**

**A. Books and Chapters in books.**

I have published 40 books and chapters in books.

1. Anslem de Silva. 1972. *Sarapin pilibanda vidyathmaka toraturu bindak*(= Some fact about snakes) pp. 472-476, In *Visa veda muthuhara*, Ed. S. Liyanarachchi, Diamond Printers, Colombo 10. (Text in Sinhala)
2. Anslem de Silva .1975.*Dangerous land snakes of Sri Lanka*, publ. by the author, Co-operative Printers, Gampola, 12 pp.
3. Anslem de Silva. 1978 *Sarpa visa, visa granthi saha Anuradhapurayata awvenikavu visakuru sarpayo* (= Venomous snakes of Anuradapura District), *20th Annual Sessions of All Sri Lanka Ayurvedic Snakebite Physicians Association*, 6 pp.
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6. Anslem de Silva. 1990. Venomous snakes, their bites and treatment in Sri Lanka IN: *Snakes of Medical Importance*. Eds. P. Gopalakrishnakone & L M Chou, Venom and Toxin Research Group, National University of Singapore. pp. 479-556. ISBN-9971-62-217-3.
7. Anslem de Silva. & D. Aloysius. 1991. Snakes and snake bites IN: *Your Child Your Family* , H. A. Aponso (ED) pp. 402-406.

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10. Anslem de Silva. 1993. *Feasibility study on commercial potential of snake venoms in Mahaweli Systems*. USAID/Sri Lanka Project No. 303-0090. January 1993. 40 pp.
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13. Anslem de Silva. 1995. *Sri Lankawe ubayajiviyo saha uragayange keti samalochanayak* (ed.) Upali News Papers Ltd., Colombo. 17 pp. Felicitation volume: First national conference in herpetology: research and conservation in Sri Lanka. (text in Sinhala).
14. Anslem de Silva. (Editor). 1996. *International Conference on the Biology and Conservation of the South Asian Amphibians and Reptiles: Abstracts*. Amphibia and reptile Research Organization of Sri Lanka (ARROS). GTP Printers, Colombo. 49 pp.
15. Anslem de Silva. 1996. *The Herpetofauna of Sri Lanka: a brief review*. Author, Graphic Land, Kandy, 99 pp + 15 plates. ISBN 955-96005-0-8
16. Anslem de Silva. 1996. *Proposed action plan: conservation, restoration and management of the Testudines and their habitats in Sri Lanka*. Global Environmental Facility Programme. 28 pp
17. Das, I & Anslem de Silva. 1996. *A directory of herpetologist of South Asia*. Amphibia and Reptile Research Organization of Sri Lanka. 43 pages.
18. Anslem de Silva .1996. *The Amphibia of Sri Lanka: a checklist and an annotated bibliography* GEF/UNDP/FAO (ISBN 955-96005-2-4), 47 pp.
19. Anslem de Silva. 1998. *The Testudines and crocodilians of Sri Lanka: a checklist and an annotated bibliography* 42 pp. GEF/UNDP/FAO
20. Anslem de Silva. 1998. *The snakes of Sri Lanka: a checklist and an annotated bibliography*. 110 pp. GEF/UNDP/FAO
21. Anslem de Silva. 1998. *The sauria of Sri Lanka: a checklist and an annotated bibliography*. 42 pp. GEF/UNDP/FAO
22. Anslem de Silva (editor) 1998. *Biology and conservation of the amphibians, reptiles and their habitats in south Asia*. ARROS. 364 pp.
23. Anslem de Silva. 1998. Herpetofauna of Sri Lanka: present status, distribution and conservation. IN: *Biology and conservation of the amphibians, reptiles and their habitats in south Asia*. Pp 51-73..
24. Das, I. & Anslem de Silva. 1998. Species diversity and species richness of the leaf litter herpetofauna in Sri Lanka: preliminary results. In: *Biology and conservation of the amphibians, reptiles and their habitats in South Asia*. pp. 285-293.
25. DE SILVA, Anslem. 1999. *The habitat preferences and the status of amphibians and reptiles at Horton Plains National Park*. Report, Zoological Survey of Sri Lanka. National Science Foundation, Colombo. 67 pp.
26. Anslem de Silva, S. Molur & Sally Walker (Eds). 2000. *CAMP Report for Amphibians and Reptiles of Sri Lanka*. Conservation Breeding Specialist Group (CBSG) Sri Lanka. 225 pp,
27. Anslem de Silva 2000. Faunal Biodiversity of Ambuluwawa mountain IN: *Ambuluwawa Nawa Pravesha* Ed.S. Samarasinghe Royal Botanical Gardens, Peradeniya, pp. 135-144. (Text in Sinhala)
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29. Anslem de Silva (Ed). 2001. *The Amphibia of Sri Lanka: recent Research*, 173 pp.
30. Dela, J, D. Weerakone, I. Seneviratne & Anslem de Silva. 2001. Sri Lanka case study on preparation of Nationally threatened species list. IN: *Using the IUCN Red List criteria at the National level*. IUCN Regional Biodiversity Programme, Asia, pp. 92-104.

31. IUCN. 2001. *A marine turtle conservation strategy and action plan for the Northern India Ocean*. IUCN/SSC. Marine Turtle Specialists Group. No. 3. 33 pages. (participant and contributor).
32. Anslem de Silva. 2003. *The biology and status of the star tortoise in Sri Lanka*. Ministry of Environment and Natural Resources. 100 pp. AMP Print Shop, Gampola.
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35. Goonewardene, S., Z. Hawke, V. Vanneck, A. Drion. Anslem de Silva, R. Jayaratne & J. Perera. 2004. *Diversity of Nilgala Fire Savannah, Sri Lanka: with special reference to its herpetofauna*. Project Hoona. 1-83 pages.
36. Das, I. and Anslem de Silva. 2005. *A photographic guide to snakes and other reptiles of Sri Lanka*. New Holland, UK, 144 pp.
37. Anslem de Silva. 2005. (editor) *Diversity of the Dumbara Mountains (with special reference to its herpetofauna)*, 382 pages. 138 color plates, A4 size. ISSN 1391-0833.
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39. Anslem de Silva 2006. Current status of the reptiles of Sri Lanka. IN: Bambaradeniya, C.N.B. (Editor), *Fauna of Sri Lanka: Status of taxonomy, research and conservation*. The World Conservation Union, Colombo. 134-163 pp
40. Anslem de Silva. 2007. *The Diversity of Horton Plains*. Vijitha Yapa Publications. 275 pp + 150 plates .
41. Anslem de Silva. 2007. *A Manual on Field Techniques on herpetology fro Sri Lanka*. Sri Lanka Association for the Advancement of Science & Ministry of Environment & Natural Resources. 52 pp
42. Anslem de Silva. 2008. *Snakes of Sri Lanka: A coloured Atlas*, Vijitha Yapa Publications, Colombo 135 pp. (Coffee Table Book) (in press).

## B. Posters

I have published five illustrated colour posters on reptiles and amphibians which are widely used in the country:

1. Anslem de Silva (1990) Snakes of Sri Lanka: what we should know (Sinhala text), Upali News Papers Ltd., Colombo.
2. Anslem de Silva (1995) Snakes of Sri Lanka, a guide to venomous and non venomous snakes of Sri Lanka Dept. of Wildlife Conservation, Colombo. (35 colour plates).
3. Anslem de Silva (2001) Snakes of Sri Lanka, Ministry of Environment and Natural Resources.(separate posters in Sinhala, English and Tamil)
4. Anslem de Silva (2001) Amphibians of Sri Lanka, Ministry of Environment and Natural Resources .(separate posters in Sinhala, English and Tamil)
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## C. Periodical articles on herpetology (indexed and not indexed foreign and local journals)

1. Anslem de Silva. 1972. Cobra Lore, *Times of Ceylon Annual*, 4 unnumbered pages
2. Anslem de Silva. 1972. The Cobra motif in art, *Ceylon Observer Pictorial*, 4 unnumbered pages
3. Anslem de Silva 1972. Identification of venomous snakes of Sri Lanka, *Loris*, 12(6): 288-293
4. Anslem de Silva. 1973. The Cobra concept in Sinhala art and sculpture, *Tourists Ceylon*, 1 (1): 32-38
5. Anslem de Silva 1973b. Some Popular Reptilian Beliefs of Sri Lanka, *Times of Ceylon Annual*. 1-2 (unnumbered)
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15. Anslem de Silva. 1976. Venomous snakes of Sri Lanka, *The Snake* 8(1):31-42
16. Anslem de Silva. 1976. The Pattern of Snakebite in Sri Lanka, *The Snake* 8(1): 43-51
17. Anslem de Silva. 1977. Some observations on the development of *Elaphe helena* eggs, *Hamadryad*, 2(2): 8-9
18. Anslem de Silva. 1977. Further notes on the snake stones, *Loris*, 14(4): 243
19. Anslem de Silva. 1977.) Identification of venomous snakes of Sri Lanka, *Research talks*, 9 pages
20. Anslem de Silva. 1978. *Sri Lankawe sarpayo 1 kotasa* (= Snakes of Sri Lanka, part 1), *Warana*, 1(5): 208-210
21. Anslem de Silva. 1978. Venomous snakes: incidence and distribution of snakebite in Sri Lanka, Seminar on "Snakes: Fact or Fiction", Sri Lanka Association for the Advancement of Science, Colombo, 4 pp.
22. Anslem de Silva. 1978. Sri Lankawe Visagora Sarpain ha Sarpayan Dashte kireema sandhaha prathamadara krama, IN: Sanvardeniya sa savukkiya, United Nations Children Fund, *Mahaweli Development Board and Health Education Bureau*, Colombo pp.25-27
23. Anslem de Silva. 1979. Know our snakes, *News letter*, Wildlife & Nature Protection Society, News Letter No.42
24. Anslem de Silva. 1979. *Sri Lankawe sarpayo 2 kotasa* (= Snakes of Sri Lanka, part 2), *Warana*, 1(6): 236-238
25. Anslem de Silva. 1979. *Sri Lankawe sarpayo 3 kotasa* (= Snakes of Sri Lanka, Part 3), *Warana*, 2(1), pp. 17-21
26. Anslem de Silva. 1979. The Ceylon Krait, record of a large specimen, *Loris*, 15(2): 97-98
  
27. Anslem de Silva. 1980. The impact of Buddhism on the Conservation of Flora and Fauna in ancient Sri Lanka. *Tigerpaper*, 7(4): 21-25.
28. Anslem de Silva.. 1980. *Cercaspis carinatus* A relict snake of Sri Lanka. *Loris* 15(3): 164-165.
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33. Anslem de Silva. 1980. *Pimbura thithpolangagen wenkara handunaganna* (= Know the difference between Python and R. viper), *Warana*, 2(2): 60
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44. Anslem de Silva. 1982. *Sri Lankawe sarpayo 8 kotasa* (= Snakes of Sri Lanka, part 8), *Warana*, 2(6): 200-206
45. Anslem de Silva. 1982. *Sri Lankawe sarpayo 9 kotasa* (= Snakes of Sri Lanka, part 9), *Warana*, 3(1): 4-10

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47. Anslem de Silva. & D. J. Alloysius. 1983. Moderately and mildly venomous Snakes of Sri Lanka, *Ceylon Medical Journal*, 28(3): 118-127.
48. Anslem de Silva. & L. Ranasinghe. 1983. Epidemiology of snake-bite in Sri Lanka : A review, *Ceylon Medical Journal*, 28(3): 144-154
49. Anslem de Silva. & K. Jayatilleke, L. Ranasinghe. 1983. Epidemiology of snake-bite in Sri Lankan Children, *Ceylon Medical Journal*, 28(3): 155-162.
50. Anslem de Silva & GC, Uragoda. 1983. Traditional methods of snake-bite treatment in Sri Lanka, *Ceylon Medical Journal*, 28(3): 170-174
51. Anslem de Silva. 1983. Reproductive habits of *Trimeresurus trigonocephalus* (Sonnini et Laterille). *The Snake* 15(1): 16-21.
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53. H de S Wijesundera & Anslem de Silva. 1983. "Medically important snakes of Sri Lanka identification", *Medical Education Unit*, Peradeniya, 16 pp.
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55. Anslem de Silva. 1983. *Sri Lankawe sarpayo 11 kotasa* (= Snakes of Sri Lanka, part 11, *Warana*, 3(3): 1-6
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57. Anslem de Silva. 1983. *Trimereasurus trigonocephalus* bites, *The Snake*, 15(2): 91-94
58. Y. Sawai et al. & Anslem de Silva (1983) Death due to snake-bite in Anuradapura district, *Ceylon Medical Journal*, 28(3): 163-169
59. Anslem de Silva. 1984. Snakes of Sri Lanka: Endangered?. *Loris*, 16(5):221-222.
60. Anslem de Silva. 1984. *Sri Lankawe sarpayo 12 kotasa* (= Snakes of Sri Lanka 12 part), *Warana*, 3(4): 77-82
61. Anslem de Silva. 1984. *Sri Lankawe sarpayo 13 kotasa* (= Snakes of Sri Lanka 13 part), *Warana*, 3(5): 135-137
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63. Sawai Y et al and Anslem de Silva (1984) Study on the cause of deaths due to snakebite in Anuradhapura, Sri Lanka. (abstracts) *XI International Congress for Tropical Medicine and Malaria*. Calgary, Canada, p.....
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71. Anslem de Silva. 1986. Sri Lankawe Sarpa Dashtana ratawa IN: Medical Exhibition 1986 Souvenir, *Medical Student Association*, Peradeniya. 1 unnumbered page.
72. Anslem de Silva. 1986. Some facts about our snakes. Smith Kline & French Laboratories Ltd. 7 unnumbered pages
73. Anslem de Silva. (undated) Sarpain pilibanda surabadu niladarin denagatha yuthu karunu bindak. Podu Sewaka Matha, 3rd Anniversary issue: Exercise Dept. Jatika Podu Sewaka Sangamaya 2 unnumbered pages (publ in 1986).
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198. Somathilaka, S. A. U. S, C. P. Kapuwattage, S. Nathanael & Anslém de Silva. 2007. Socio-economic status of farmers, agrochemicals use and the herpetofauna inhabiting rice fields at Mihintale. *Proc. Ann. Research Sessions. Faculty of Applied Sci. Rajarata Univ.* 7
199. Amerakoone, A. M. R. K., S. Nathanael & Anslém de Silva. 2007. Incidence and pattern of reptiles killed on the Anuradhapura Mihintale road due to road traffic. *Proc. Ann. Research Sessions. Faculty of Applied Sci. Rajarata Univ.* 8
200. Chalalochani, H. M. N., S. Nathanael & Anslém de Silva. 2007. The status of amphibians and reptiles inhabiting the Rajarata University Campus Park, Mihintale. *Proc. Ann. Research Sessions. Faculty of Applied Sci. Rajarata Univ.* 9
201. Kumari, W. D. I, P., S. Nathanael & Anslém de Silva. 2007. Status of skinks inhabiting the Rajarata University Campus Park, Mihintale. *Proc. Ann. Research Sessions. Faculty of Applied Sci. Rajarata Univ.* 10
202. Chandrarathna, W. P. R., S. Nathanael & Anslém de Silva. 2007. Observations on the *Hemidactylus triedrus lankae*, an endemic gecko inhabiting the premises of the Rajarata University, Mihintale. *Proc. Ann. Research Sessions. Faculty of Applied Sci. Rajarata Univ.* 11
203. Kapuwattage, C. P., S. Somathilake, S. Nathanael & Anslém de Silva. 2007. Behavioral study of the common garden lizard, *Calotes versicolor versicolor* (Daudin, 1802). *Proc. Ann. Research Sessions. Faculty of Applied Sci. Rajarata Univ.* 21
204. Bauer, A. M., Anslém de Silva, E. Hreenbaum & T. Jackman. 2007. A new species of day gecko from high elevation in Sri Lanka, with a preliminary phylogeny of Sri Lankan *Cnemaspis* (Reptilia, Squamata, Gekkonidae). *Mitt. Mus. Nat. kd. Berl. Zool. Reihe.* 83(2007): 22-32.
205. Anslém de Silva, P. Freed, J. Rudge & A. R. Rasmussen. 2008. Some observations on *Acrochordus granulatus* (Schneider 1799) (Reptilia: Serpents) in Sri Lanka. *Lyriocephalus* (Accepted for publication).
206. Das, I., Anslém de Silva & C. C. Austin. 2008. A new species of *Eutropis* (Squamata: Scincidae) from Sri Lanka. *Zootaxa*. 1700: 35-53

### C. Publications in Mass media (news papers)

1. Anslém de Silva (1969) "Snakes - no ear for music", *Ceylon Observer Magazine* edition, June 22
2. \_\_\_\_\_ (1969) "Sacred Cobra protector of temple" *Ceylon Observer Magazine* edition, June 29
3. \_\_\_\_\_ (1969) "Do snakes fly? Story behind Reid avenue cobra", *Ceylon Observer Magazine* edition, July 6
4. \_\_\_\_\_ (1970) "From the mouth of a skull a snake", *Ceylon Observer Magazine* edition, August 16
5. \_\_\_\_\_ (1970) "Watch out snake, how to identify a poisonous snake", *Ceylon Observer Magazine* edition, September 8
6. \_\_\_\_\_ (1971) "Some worship them some others eat them", *Weekend*, January 10

Series published in *Vidusara* Weekly Science Journal, Upali News Papers (series edited by S Wijeratne)

7. Anslém de Silva (1989) *Vidusara*, 7th August

8. .... (1989) Vidusara, 14th August
- 9..... (1989) Vidusara, 28th August
- 10 ..... (1989) Vidusara, 4th September
- 11..... (1989) Vidusara, 9th October
- 12..... (1989) Vidusara, 23th October
- 13..... (1989) Vidusara, 13th November
- 14..... (1989) Vidusara, 27th November
- 15..... (1989) Vidusara, 11th December
- 16..... (1989) Vidusara, 25th December
- 17..... (1990) Vidusara, 8th January
- 18..... (1990) Vidusara, 22nd January
- 19..... (1990) Vidusara, 5th February
- 20..... (1990) Vidusara, 19th February
- 21..... (1990) Vidusara, 26th February
- 22..... (1990) Vidusara, 12th March
- 23..... (1990) Vidusara, 26th March
- 24..... (1990) Vidusara, 9th April
- 25..... (1990) Vidusara, 14h May
- 26..... (1990) Vidusara, 18h June
- 27..... Since 1990 up to now – I have over 25 full page press accounts in leading News papers of the country (Mostly in English and Sinhala).

#### D. ON MAGIC

1. Anslem de Silva (1965) Magic crosswords :test your knowledge, *Wand*, J. of Sri Lanka Magic Circle, 6(3) pp. 5
- 2..... (1965)A Psychological trick, *Wand*, 6(3):4
- 3..... (1965)Live animals in your programme, *Wand*, 6(4): 6
- 4..... (1965)How to use magic in love, *Wand*, 6(5):4
- 5..... (1965)For the magician, points to ponder, *Wand*, 6(7):4
- 6..... (1966)How good a magician are you, *Wand*, 6(8): 4
- 7..... (1970)Care and maintenance of your magical props, *Wand*, 11(5): 5-6
- 8..... (1970)Here is wonderful opportunity for you to go down in to the history of magic in Ceylon, *Wand* 11(6):2
- 9..... (1970)Play the role of a wizard, *Wand*, 11(6): 2-3
- 10..... (1970)Some tips on stage setting and painting your magical props, *Wand*, 11(8): 4
- 11..... (1970)10 commandments to make more from your magic, *Wand*, 11(9): 5
- 12..... (1970)Do you copy others tricks, *Wand*, 11(10):5-6
- 13..... (1970)Silk Magic, *Wand*, 11(12):4-5
- 14..... (1970)Ceylon's Gay Deceiver, *Linking Ring*, official Publication of the international Brotherhood of Magicians, USA, 50(11): 58-60
- 15..... (1971)Originality, *Wand*, 12(2):4-5
- 16..... (1971)The Wand, *Wand*, 12(4): 6-7
- 17..... (1971)Percy Gordon Stuart, *Wand*, 12(5):4
- 18..... (1971)Andre Kole, *Wand*, 12(6):4
- 19..... (1971)Fire Magic, *Wand*, 12(7): 5-6
- 20..... (1971)Rienzie Joseph Arnolda, *Wand*, 12(8):4-5
- 21..... (1972)Chingulas Magicians of Sri Lanka, *Wand* 13(3): 5-7
- 22..... (1972)Is SLMC the Ring 139 of the IBM, *Wand*, 13(6):3-4

#### E. BOOK REVIEWS

1. Anslem de Silva. 1990. Snakes of the Orient; a checklist by KR G Welch. *Loris* 19(1): 53



2. Anslém de Silva, 1992. Snakes of the world, Vol.1 Synopsis of snake generic names by K L Williams and V Wallach. *Loris* 19(5): 185
3. Anslém de Silva, 1992. Lizards of the orient: a checklist by KRG Welch, PS Cooke & AS Wright. *Loris* 19(5): 185-186.
4. Anslém de Silva, 1994. The venomous sea snakes a comprehensive bibliography: *Lyriocephalus*, 1(1&2): 67
5. Anslém de Silva, 1994. Iguanas: a guide to their biology and captive care: *Lyriocephalus*, 1(1&2): 67-68
6. Anslém de Silva, 1955. (publ. 1966) Snakes of the world a checklist, 1 venomous snakes, *Lyriocephalus* 2(1 & 2): 61.
7. Anslém de Silva. 2004. Guide to the reptiles of the Eastern Palearctic By Nikolai N. Szczerbak 2003, Krieger Publishing Company, Malabar, Florida, 260 pp. *The Herpetology of Sri Lanka: Current Research. Lyriocephalus* Special Edition. 5 (1 & 2): 162.

#### **F. FORWARDS FOR BOOKS**

1. Anslém de Silva (1971) *Sithiyam sahitha visha wadiya chintamani* Vol. 1 by S Liyanarachchi, LDK Jayawickrama, 157 pp.
2. .... (1991) *Visa chikitsawa ha sarpayo* by Piyasena Senaviratne, 124 pp.
3. .... (1995) *Visa weda kirula* by SSP Abeyawickrama. 200 pp

#### **G. PERUSALS (REVIVER)**

1. PHDH de Silva (1980) (Publ 1981) *Snake fauna of Sri Lanka with special reference to skull, dentition and venom in snakes*. National Museums, Colombo. 472 pp
2. H K Gloyd & Roger Conant (1990) *Snakes of the Agkistrodon complex a monographic review*. Society for the study of amphibians and reptiles, USA, 614 pp.

#### **Editorial Board**

Editor: *Lyriocephalus*, Journal of the Amphibia and Reptile Research Organization of Sri Lanka (ARROS)  
 Editorial Board: *Hamdrayad*, Journal of the Centre for Herpetology, Madras Crocodile Bank, India.

#### **CONSULTANCIES**

1. Short-term consultant for USAID on: Feasibility study on commercial potential of snake venoms in Mahaweli Systems. USAID/Sri Lanka Project No. 303-0090. January 1993. 40 pp.
2. Team leader: Zoological Survey of Sri Lanka, National Science Foundation (Amphibians and Reptiles)
3. Scientific Documentary on the biodiversity of Horton Plains National park - a 20 mt video film for the Zoological Survey of Sri Lanka, NSF
4. Content Provider – Tourism Cluster – Reptiles of Sinharaja ( USAID – 386-A-00-05-00135-00) – August, 2006.

#### **ORGANIZING CAPABILITIES**

1. I have successfully organized nearly 50 exhibitions of live reptiles and amphibians of Sri Lanka to educate the public on the importance and identification in various parts of the island mainly sponsored by Ministry of Health and Mahaweli Authority.
2. First National Conference on Herpetology: Research and Conservation in Sri Lanka, 1995.
3. International Conference on the Biology and Conservation of the South Asian Amphibians and Reptiles, 1996.
4. Congress Director, 4<sup>th</sup> World Congress of Herpetology, 2001

#### **RESEARCH IN PROGRESS**

1. Island wide study on the malformations, injuries and parasitic infections of amphibians of Sri Lanka.
2. Compiler: annotated bibliographies of the herpetofauna of Sri Lanka.
3. Conservation, management and re-introduction of threaten amphibians and reptiles.
4. Status of crocodylians and chelonians of Sri Lanka.
5. Island wide survey on geckos and skinks along with University of Villanova and Louisiana State University, USA
6. Survey of aquatic snakes with special reference to sea snakes of Sri Lanka.

#### **MEMBERSHIP IN PROFESSIONAL SOCIETIES AND NON GOVERNMENTAL ORGANIZATIONS**

1. Chairman, Declining Amphibian Populations Task Force / World Conservation Union / Species Survival Commission, Working Group, Sri Lanka
2. Co-Chair, Amphibian Specialist Group IUCN/SSC Sri Lanka.
3. Member, National Species Conservation Advisory Committee, Ministry of Environment and Natural Resources.
4. Member, Crocodile Specialist Group IUCN/SSC
5. Member, Re-Introduction Specialist Group IUCN/SSC
6. President, Amphibia and Reptile Research Organization of Sri Lanka (ARROS)
7. Member, snakebite Expert Committee, Sri Lanka Medical Association
8. Member, British Herpetological Society, UK -
9. Royal Asiatic Society, Sri Lanka (life member)
10. Wildlife and Nature Protection Society, Sri Lanka (Life member)
11. Medical Panel : Life Saving Association of Sri Lanka
12. Past President : Kandy Magic Circle
13. Past Vice President : Sri Lanka Magic Circle
14. Re-introduction Specialists Group , IUCN/SSC
15. Reptile and Amphibian Specialists Group IUCN/SSC India Subcontinent
16. Crocodile Specialists Group, IUCN/SSC
17. Conservation Breeding Specialists Group, IUCN/SSC
18. Conservation Breeding Specialists Group (India),
19. Declining Amphibian Population Task Force (India)
20. Committee member: Popularization of Science, Sri Lanka Association for the Advancement of Science, 1995.

#### **CONFERENCES & SCIENTIFIC FORUMS ATTENDED (Abroad)**

I have attended and presented papers in about 25 International forums abroad:

1. International seminar on Epidemiology and Medical Treatment of Snake bites, Naha, Okinawa, Japan, August 1980 (presented one paper)
2. International Union for the Conservation of Nature and Natural Resources, Species Survival Commission, Snake Specialist Group. Madras, India, November 1982 (presented two papers, Chaired the first sessions)
3. First World Congress of Herpetology, 11-19 September, 1989, University of Kent at Canterbury, England
4. Species Survival Commission, 65th Meeting, 25-26, November, 1990, Perth, Australia (presented one paper)
5. Asia-Pacific Region Panel Meeting, 26-27 November, 1990, Perth, Australia (Observer).
6. 19th General Assembly of the World Conservation Union (IUCN), 28 November to 5th December, 1990. Perth, Australia (observer)
7. 10th World Congress on Animal, Plant and Microbial Toxins, 3-8 November, 1991, Singapore (presented one paper)
8. First International Conference of the IUCN/SSC/ Indian Subcontinent Reptile and Amphibian Specialists Group Meeting, February, 1991, Bhubaneswar, India (presented one paper and Chaired one session)

9. The International Herpetological Symposium, Miami Beach, Florida, USA. June 17-20, 1993 (presented two papers)
10. International Congress of Chelonian Conservation, Gonfaron, France. 6-10 July, 1995 (presented one paper)
11. North Indian Ocean sea turtle specialist group meeting, Orissa, January 1997. (wrote the country report)
12. International Conference on environment of occurrence of snakebite, and their medical treatment. Maebashi, Japan. 30 August to 1 September 1997. (Inaugural lecture)
13. Japanese Society for Herpetologists, Annual meeting, Okinawa, Japan February, 2001. (one lecture)
14. Society for the Study of Amphibians and Reptiles, Annual conference, Indianapolis, USA, July 2001. (one lecture)
15. DGHT (German Herpetologists Society) Annual meeting, September, 2001, Germany (one lecture).
16. Global Amphibian Assessment, IUNC – one lecture, Coimbatore, India 2002.
17. International Sea snake conference, Nat-Rang, Viet Nam, one lecture, 2004.
18. Amphibian Conservation – Periyar, Kerala, India – 2008. (one lecture)

### **CONFERENCES & SCIENTIFIC FORUMS ATTENDED (locally)**

1. Seminar on "snakes: facts and fiction", Sri Lanka Association for the advancement of Science, Colombo, 5 December, 1978 (one lecture)
2. Kandy Society of Medicine, Annual Session, 1986 (presented one paper)
3. Kandy Society of Medicine, Annual Session, 1987 (presented two papers)
4. Kandy Society of Medicine, Annual Session, 1988 (presented four papers)
5. Kandy Society of Medicine, Annual Session, 1989 (presented four papers)
6. Kandy Society of Medicine, Annual Session, 1990 (presented three papers)
7. Sri Lanka Association for the Advancement of Science (Golden Jubilee Session) Colombo, December, 1994. "Medically Important Snakes" (one lecture)
8. Sri Lanka Association for the Advancement of Science, Popularization of Science Lecture, D S Senanyake Memorial Hall, Kandy. 1994 (One Lecture)
9. First National Conference on Herpetology: Research and Conservation in Sri Lanka, Faculty of Medicine, University of Peradeniya. 1st August 1995 (presented one paper)
10. International Conference on the Biology and Conservation of the South Asian Amphibians and Reptiles. Institute of Fundamental Studies, Kandy and University of Peradeniya. 1-5 August 1996 (presented seven papers)
11. Snakes and snake bite in Sri Lanka: Recent Findings, Primary Health Care - Information, Education and communication, Health. Education Bureau, Colombo, 1986 (one paper)
12. I have conducted eleven one day seminars on 'snakes, snake bites and first aid' for the Mahaweli Authority of Sri Lanka.
13. I have conducted several one day workshops on amphibians

### **EXTRA CURRICULAR ACTIVITIES**

Winner Amerasekera Challenge Shield 19

Winner Open magic Contest, Sri Lanka Magic Circle

Past member: International Brotherhood of Magicians, USA

British Ring; Sri Lanka Magic Circle; and Kandy Magic Circle

### **Collector**

Herpetological memorabilia and on Magic

## CURRICULUM VITAE

OSCAR ALBERTO FLORES-VILLELA

### I. PERSONAL DATA:

Place of birth: México D.F.  
Date of birth: January 10, 1954  
Nationality: Mexican  
Marital status: Married  
Home address: Paseo de Mayorazgo # 24  
Bosques de la Herradura  
Estado de México  
C.P. 52783  
  
Phone: (525) 5622-4945/5622-4825  
Email: ofvq@servidor.unam.mx

### II. EDUCATION:

B.S.: Facultad de Ciencias, Universidad Nacional Autónoma de México (UNAM), México, D.F. 1973-1977  
B.S. degree: Biology  
Date of B.S. exam: June 24, 1980  
B.S. thesis: Reptiles de Importancia Económica en México  
M.S.: Facultad de Ciencias, UNAM  
M.S. degree: Biology  
Date of M.S. exam: August 13, 1982  
PhD: Facultad de Ciencias, UNAM  
PhD. degree: Biology  
Date of PhD. exam: November 19, 1991  
PhD. Dissertation: Análisis de la distribución de la herpetofauna de México.

### III. PROFESSIONAL EXPERIENCE:

1. Associate Professor, Facultad de Ciencias, UNAM, at the Museum of Zoology 1985-1987 and October 1989 to October 1992.
  2. Coordinator of the project "Biological Data Base" at Centro de Ecología, UNAM 1987-1989.
  3. Honorary Curator of Herpetology at Museum of Zoology, Facultad de Ciencias, UNAM 1979-1985.
- PRESENT POSITION: Full Professor, Facultad de Ciencias, UNAM, at the Museum of Zoology, since October 1992.
4. Postdoctoral Leave at Dept. of Zoology, Brigham Young University, Provo. Utah 84602. Working with Dr. Jack W. Sites in molecular systematics of the small-scales small-body radiation of the lizards of the genus *Sceloporus*; from October 1994 to December 1996.
  5. Director Centro de Investigaciones Biológicas, Universidad Autónoma del Estado de Hidalgo from July 1999 to June 2002.

### IV. LANGUAGES:

1. Spanish
2. English

## V. RESEARCH PUBLICATIONS:

1. **Flores-Villela ,O.A.** 1980. Contribución al Conocimiento de los Anfibios y Reptiles de Importancia Económica. Mem. 2o. Congreso Nal. de Zoología, Vol I; Monterrey, N.L. Diciembre de 1978:343-356.
2. Lara-Góngora,G. y **O.Flores-Villela.** 1980. Primer Catálogo de una Colección Herpetológica Depositada en la Facultad de Ciencias. Mem. 2o. Congreso Nal. de Zoología, Vol II, Monterrey, N.L. Diciembre de 1978:366-374.
3. Ramírez-Bautista,A., **O.Flores-Villela,** y G.Casas-Andreu. 1982. New Herpetological State Records for Mexico. Bull. Maryland Herp. Soc., 18(3):167-169.
4. McCoy, C.J. y O.Flores-Villela. 1985. Amphibians and Reptiles of the Sesse & Mociño Expedition: a Lost Chapter in Mexican Herpetology. Ann. Carnegie Mus. Nat. Hist. 54(5): 189-193.
5. Vogt,R.C. y **O. Flores-Villela.** 1985. Determinación del Sexo por la Temperatura de Incubación en Tortugas de Agua Dulce: Una Revisión. Memorias Octavo Congreso Nacional de Zoología, Esc Norm. Sup. Estado de Coahuila, Saltillo, Coahuila Vol II: 919-932.
6. Burquez,A.; **O.Flores-Villela** and A.Hernandez. 1986. Observations on the Herbivory of *Sceloporus torquatus torquatus*. J Herp. 20(2):262-264.
7. Vogt,R.C. y **O.A.Flores-Villela.** 1986. Determinación del Sexo en Tortugas por la Temperatura de Incubación de los Huevos. Ciencia (Academia de la Investigación Científica) 37:21-32.
8. Lazcano-Barrero,M.A., **O..A.Flores-Villela,** M.Benabib-Nisenbaum, J.A.Hernández-Gómez, M.P.Chávez-Peón y A.Cabrera-Aldave. 1986. Estudio y Conservación de los Anfibios y Reptiles de México: Una Propuesta. Cuadernos de Divulgación INIREB No. 25:53 pp. 2a. Edic. 1988. 44 pp.
9. Pérez-Higareda,G., R.C.Vogt y **O.A.Flores-Villela.** 1987. Lista Anotada de los Anfibios y Reptiles de Los Tuxtlas, Veracruz. Inst. de Biol., México: 23 pp.
10. **Flores-Villela,O.,** G.Pérez-Higareda, R.C.Vogt y M.Palma-Muñoz. 1987. Claves para los Géneros y Especies de Anfibios y Reptiles de la Región de los Tuxtlas. Pub. Priv.: 27 pp.
11. McCoy, C.J. y **O.Flores-Villela.** 1988. The identity of *Coluber nutkensis* (Reptilia: Serpentes). Can. Field Nat. 102 (4):716-718.
12. **Flores-Villela,O.** y E. Hernandez-Garcia. 1989. New State Records from Northern Guerrero, Mexico. Herp. Rev. 20(1):15-16.
13. Smith H.M. y **O. Flores-Villela.** 1988. Nombres Científicos de Anfibios y Reptiles de México Oficialmente Conservados por la Comisión Internacional de Nomenclatura Zoológica Hasta 1985. Acta Zool. Mex. (ns) 27:33-38.
14. **Flores-Villela, O.** y A. Muñoz-Alonso. 1990. *Anolis omiltemanus*, (Davis). Cat. Am. Amph. Rept. (490): 1-2.
15. Muñoz-Alonso, A. y **O. Flores-Villela.** 1990. *Anolis liogaster*, (Boulenger). Cat. Am. Amph. Rept. (489): 1-2.
16. **Flores-Villela, O.** 1990. Venomous Reptiles of Latin America (Book Review). Copeia 1990 (3):900-901.
17. **Flores-Villela, O.;** O. Sánchez-Herera y R.L. Bezy. 1990. *Xantusia bolsonae* (Bolsón night lizard). Herp. Rev. 21(4):97.
18. Bojórquez-Tapia, L.A. y **O. Flores-Villela.** 1990. Análisis de biodiversidad para la planeación de proyectos forestales: los casos de Guerrero y Oaxaca. in González-Vicente, C.E. et al. (eds). International Symposium: Integrated management of watersheds for multiple use. USDA Forest Service. Fort Collins, Colorado. Gen. Tech. Rept. RM-198:112-115.
19. Dundee, H.A. y **O. Flores-Villela.** 1991. *Ramphotyphlops braminus* (Brahminy blind snake). Herp. Rev. 22(1):26.
20. Bojórquez-Tapia, L.A. y **O.A. Flores-Villela.** 1991. Aspectos legales y metodológicos de la bioconservación en México. Memorias del Seminario sobre Conservación de la Diversidad biológica de México. UNAM-WWF, México, (2):1-23.
21. Mendoza-Quijano, F.; E. Hernández-García; M. Mancilla-Moreno; y **O. Flores-Villela.** 1991. *Sceloporus variabilis variabilis* (Rose-bellied lizard) Cannibalism. Herp. Rev. 22(3):99.

22. Vázquez-Díaz, J. y **O. Flores-Villela**. 1991. *Pterohyla dentata* (Upland borrowing treefrog). Mating call. *Herp. Rev.* 22(4):129.
23. **Flores-Villela, O.**, F. Mendoza, E. Hernández, M. Mancilla, E. Godínez and I. Goyenechea Meyer. 1992. *Ophryacus undulatus* in the Mexican state of Hidalgo. *Texas J. Sci.* 44(2):249-250.
24. **Flores-Villela, O.** and R.C. Vogt. 1992. *Abronia chizsari* (Reptilia, Anguillidae), a second specimen from "Los Tuxtlas" region, Veracruz, Mexico. *Herp. Rev.* 23(2):41-42.
25. Sites, J.W.; J.W. Archie; C.J. Cole and **O. Flores-Villela**. 1992. A review of phylogenetic hypotheses for lizards of the genus *Sceloporus* (Phrynosomatidae): implications for ecological and evolutionary studies. *Bull. Amer. Mus. Nat. Hist.* (213):1-110.
26. **Flores-Villela, O.** y J.A. Hernández. 1992. Las colecciones herpetológicas mexicanas. *Pub. espec. Mus. Zool.* (4):1-24.
27. Pelcastre-Villafuerte, L. y **O. Flores-Villela**. 1992. Lista de especies y localidades de recolecta de la herpetofauna de Veracruz, México. *Pub. espec. Mus. Zool.* (4):25-96.
28. Vogt, R.C. and **O. Flores-Villela**. 1992. Effects of incubation temperature on sex determination in a community of neotropical freshwater turtles in southern Mexico. *Herpetologica*: 47(3):265-270.
29. **Flores-Villela, O.** and R.A. Brandon. 1992. *Siren lacertina* (Amphibia, Caudata) in northeastern Mexico and southern Texas. *Ann. Carnegie Mus. Nat. Hist.* 61 (4):289-291.
30. Smith, H.M., **O. Flores-Villela** y D. Chiszar. 1992. Comentario sobre la disponibilidad de la nomenclatura en resúmenes publicados en reuniones científicas. *Bol. Soc. Herpetol. Mex.* 4(2):43-45.
31. **Flores-Villela, O.** 1993. Herpetofauna of México: Distribution and Endemism. Cap. 7:253-280. in: Ramamoorthy, T.P., R. Bye, A. Lot and J.Fa. (eds). *Biological diversity of Mexico: origins and distributions*. Oxford Univ. Press. New York.
32. **Flores-Villela, O.** 1993. Herpetofauna Mexicana. *Spec. Publs. Carnegie Mus. Nat. Hist.* (17): 1-73.
33. **Flores-Villela, O.** 1993. Breve historia de la herpetología en México. *Elementos* No. 18 Vol. 3:11-21.
34. **Flores-Villela, O.** 1993. Biogeografía, centros de datos y conservación de la biodiversidad. *Proceedings, Reunión Anual de PUMA, UNAM, México.* Vol. I. 13pp.
35. Vogt, R.C. y **O. Flores-Villela**. 1992. Aspectos de la ecología de la tortuga blanca (*Dermatemys mawii*) en la Reserva de la Biósfera Montes Azules. in Vázquez-Sánchez, M.A. y M.A. Ramos (eds.) *Reserva de la Biósfera Montes Azules, Selva Lacandona: Investigación para su conservación.* *Publ. Esp. Ecosfera* 1:221-231 (1993).
36. Smith, H.M.; **O. Flores-Villela** and D. Chiszar. 1993. New Variational extremes for *Tantilla calamarina* and a locality record correction for *Conopsis vittatus* (Reptilia: Serpentes). *Bull. Maryland Herp. Soc.* 29(1):1-3.
37. Smith, H.M. and **O. Flores-Villela**. 1993. Variation in two species (*G. bicolor*, *G. duellmani*) of Mexican earth snakes (*Geophis*). *Bull. Maryland Herp. Soc.* 29(1):20-23.
38. Peterson, A.T.; **O. Flores-Villela**; L.S. León-Paniagua; J.E. Llorente-Bousquets; M.A. Luis-Martínez; A.G. Navarro-Sigüenza; M.G. Torres-Chavez and I. Vargas-Fernández. 1993. Conservation priorities in Mexico: moving up in the world. *Biodiversity Letters.* 1:33-38.
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#### VIII. BOOKS:

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2. **Flores-Villela, O.** y P. Gerez. 1988. Conservación en México: Síntesis Sobre Vertebrados Terrestres, Vegetación y Uso del Suelo. INIREB-Conservation International. México:302 pp.
3. **Flores-Villela, O. A.;** E. Hernández García y A. Nieto Montes de Oca. 1991. Catálogo de Anfibios y Reptiles. Ser. Catálogos Mus. Zool. Alfonso L. Herrera. (3):222 pp.
4. **Flores-Villela, O.** y A. Navarro S. (compilers). 1993. Biología y problemática de los vertebrados en México, Número Especial 7, Revista Ciencias. Fac. de Ciencias de la UNAM:112 pp.
5. **Flores-Villela, O.** y P. Gerez. 1994. Biodiversidad y Conservación en México: Vertebrados, Vegetación y Uso del Suelo. CONABIO/UNAM. México:439 pp.
6. **Flores-Villela, O.,** F. Mendoza Quijano y G. González Porter (Compiladores). 1995. Recopilación de claves para la determinación de anfibios y reptiles de México. Mus. Zool. (10):1-285. Publ. esp.

7. Johnson, J.D.; R.G. Webb and **O. Flores-Villela** (Eds.).2001. Mesoamerican Herpetology: systematics, zoogeography, and conservation. Centennial Museum, Special. Publ. University of Texas, El Paso, Texas, USA.(1):1-200 pp.
8. Hudson, R. Guichard, C., **Flores, O.**, and S. Ellis (Eds.). 2001. Conservación, asesoramiento y manejo planificado para lagartijas *Abronia*. Borrador del informe a IUCN/SSC Conservation Breeding Specialist Group: Apple Valley, MN. 82 pp.
9. Espinosa Organista, D.; J. J. Morrone; J. Llorente Bousquets; y **O. Flores Villela**. 2002. Introducción al análisis de patrones en biogeografía histórica. UNAM-UAEH, México:133 pp.
10. **Flores-Villela, O.**; A. Handal Silva y L. Ochoa Ochoa (Eds.). 2003. Diagnóstico de la diversidad biológica de El Salvador. REDMESO y SRE, México:171 pp.
11. Ochoa Ochoa, L. M. y **O. Flores Villela**. 2006. Áreas de diversidad y endemismo de la herpetofauna mexicana. UNAM-CONABIO, México:211 pp.
12. Compilador CONABIO. AUTORES: J. Alacón, S. Blanco, J. Colín, C. Cantú, G. Ceballos, A. Challenger, E. Enkerlin, R. Esquivel, F. Figueroa, **O. Flores-Villela**, P. Illioldi-Rangel, M. Kolb, P. Koleff, M. Linaje, A. Lira-Noriega, P. Maeda, I. J. March, E. Martínez-Meyer, E. Moreno, N. Moreno, M. Munguía, M. Murguía, A. Navarro, D. Ocaña, L. Ochoa-Ochoa, V. Sánchez-Cordero, J. Soberón, M. Tambitti, J. F. Torres, T. Urquiza, L. B. Vázquez, R. Ulloa, N. Urbina-Cardona. 2007. Análisis de vacíos y omisiones en conservación de la biodiversidad terrestre de México: espacios y especies. CONABIO, México:127 pp

#### IX. REFERENCES TO MY PAPERS BY OTHER AUTHORS:

1187 citations.

#### X. PAPERS IN PRESS:

Calderón Mandujano, R., O. Flores Villela y L. Ochoa Ochoa. Los reptiles de la zona sur de Quinta Roo (Zona Arqueológica de Oxtankah) y su relación con la cultura Maya. en Oxtankah, una ciudad prehispánica en las tierras bajas del Área Maya. Vol. I, Medio Físico y Biodiversidad. Instituto Nacional de Antropología e Historia, México.

Calderón Mandujano, R., L. Ochoa Ochoa, y O. Flores Villela . Anfibios (ranas, sapos y salamandras) de la Zona Arqueológica de Oxtankah, una visión de la cultura Maya. en Oxtankah, una ciudad prehispánica en las tierras bajas del Área Maya. Vol. I, Medio Físico y Biodiversidad. Instituto Nacional de Antropología e Historia, México.

Campbell, J. A. and O. Flores-Villela. 2008. A new long-tailed rattlesnake (Viperidae) from Guerrero, Mexico. Herpetologica, Manuscript 24 pp.

#### PAPERS SENT FOR PUBLICATION:

Flores-Villela, o. and E. N. Smith A new species of *Coniophanes* (Squamata: Colubridae), from the coast of Michoacán, Mexico. Sent to Herpetologica. Manuscript 13 pp.

#### PAPERS IN PREPARATION:

-Descripciones y notas relativas de algunas larvas de anuros de México. In collaboration with Ronald Altig, Roy W. McDiarmid, y Jonathan A. Campbell.

-A new species of hylid frog from Sierra de Taxco, Guerrero, México (anura:hylidae). In collaboration with R. W. McDiarmid.

-Feeding habits and stationality in *Sceloporus dugesi intermedius* (Reptilia:Phrynosomatidae). In collaboration with M. González Rul.

-A new species of toad from Chihuahua, Mexico. In collaboration with GeorginaSantos.

-The redescription of *Bufo occidentalis* and its distribution in Mexico. In collaboration with GeorginaSantos

- Flores-Villela, O., J. A. Campbell, N. Martínez-Méndez, and E. N. Smith. A new species of *Sceloporus* of the *torquatus* group from northwestern Mexico. Manuscript 15 to be submitted to Herpetologica.

#### XI. PAPERS IN CONGRESSES AND MEETINGS:

National Meetings:44.

International Meetings:36.

TOTAL:80

XII. POSTERS:

National Meetings:9.

International Meetings:3.

TOTAL:12

XIII. TEACHING EXPERIENCE:

-47 courses for undergraduates in Fac. de Ciencias y ENEP-Zaragoza, UNAM, UAEH.

-29 for graduate students in Facultad de Ciencias, UNAM y Doctorado en Ecología de la CE-UACPyP, Dept. of Zoology, Brigham Young University.

-21 short and intensive courses as visiting professor in several Mexican universities.

XIV. STUDENTS ADVISED:

UNDERGRADUATE

1. B.S. Thesis of Miriam Benabib Nisenbaum. Title: Algunos Aspectos de la Biología de *Dermochelys coriacea* en el Pacífico Mexicano. Exam: March, 1983.
2. B.S. Thesis of Juan José Durán Najera. Title: Aspectos Biológicos de la Anidación y Protección de la Tortuga Blanca, *Chelonia mydas* (Linn. 1758), en Isla Contoy, Quintana Roo. Exam: July, 1986.
3. B.S. Thesis of Flor Alicia Cano y Humberto Rocha Sánchez. Title: Estudio de la Anidación y otros Aspectos Biológicos de *Eretmochelys imbricata* (Tortuga de Carey) y de *Caretta caretta* (Tortuga Cahuama) en la Reserva Ecológica de Isla Contoy Q.Roo, Durante las Temporadas de Anidación 1984-1985. Exam: November, 1986.
4. B.S. Thesis of Mariana González Rul Espinosa. Title: Análisis de los Hábitos Alimenticios de *Sceloporus dugesi intermedius* (Dugès 1877), (Lacertilia, Iguanidae) en la Cuenca del Lago de Pátzcuaro, Michoacán. Exam: September, 1987.
5. B.S. Thesis of Roberto Arias Rueda. Title: Aplicación del dBase III para el Procesamiento y Manejo de Colecciones Científicas: Catálogo de la Colección de Anfibios y Reptiles del Museo de Zoología de la Facultad de Ciencias. Exam: December, 1987
6. B.S. Thesis of Antonio Muñoz Alonso. Title: Estudio Herpetofaunístico del Parque Ecológico Estatal de Omiltemi, Municipio de Chilpancingo, Gro. Exam: February, 1988.
7. B.S. Thesis of Efraín Hernández García. Title: Herpetofauna de la Sierra de Taxco, Guerrero. Exam: September, 1989.
8. B.S. Thesis of Leticia Pelcastre Villafuerte. Title: Anfibios y reptiles de Veracruz, el proyecto IBM-UNAM. Exam: April, 1991.
9. B.S. Thesis of Salvador Adrián Morales Verdeja. Title: Estudio de los movimientos e historia natural de *Kinosternon leucostomum* Duméril, Bibron y Duméril en el sur de Veracruz, México. Exam: July, 1991.
10. B.S. Thesis of Adolfo Bucio Galindo. Title: Estudios preliminares para el diseño de un sistema de cría intensiva de cocodrilos (*Crocodylus moreletii*) jóvenes en cautiverio. Exam: December, 1992.
11. B.S. Thesis of Irene Goyenechea Mayer-Goyenechea. Title: Un área de hibridación para *Sceloporus grammicus* en el estado de Hidalgo. Exam: February, 1993.
12. B.S. Thesis of Francisco Soberón Movarak. Title: Repartición de recursos alimenticios de las lagartijas del género *Anolis* de la región de Los Tuxtlas, Veracruz. Exam: October, 1993.
13. B.S. Thesis of María Alejandra Gpe. Rendón Rojas. Title: Estudio de la herpetofauna en la zona de Santiago Jalahui, Oaxaca. Escuela Nacional de Ciencias Biológicas, IPN. Exam: February, 1994.
14. B.S. Thesis of Luis Canseco Márquez. Tema: Estudio preliminar de la herpetofauna en la cañada de Cuicatlán y Cerro Piedra Larga, Oaxaca. Benemérita Universidad Autónoma de Puebla. Exam: November, 1996.
15. B.S. Thesis of Francisco Vargas Santa María. Title: Estudio herpetofaunístico en el Playón de Mexiquillo y áreas adyacentes, en la costa sur del estado de Michoacán, México. Exam: September, 1998.
16. B.S. Thesis of Alejandro Carvajal Saucedo. Title: Estudio filogenético de las familias de serpientes actuales basado en genes mitocondriales. Fac. de Ciencias, UNAM, México. Exam: April, 2002.
17. B.S. Thesis of Edna Leticia González Bernal. Title: Estudio de la filogenia por métodos moleculares y morfológicos de las subespecies de *Urosaurus bicarinatus*. Universidad de Las Americas,

- Puebla. Exam: May, 2002. This was awarded best Bachelors thesis at VII Reunión Nacional de Herpetología en 2002, Ciudad de Guanajuato, Gto.
18. B.S. Thesis of Leticia Margarita Ochoa Ochoa. Title: Análisis sobre los centros de endemismo de la herpetofauna mexicana. Fac. de Ciencias, UNAM. Exam: October, 2003.
  19. B.S. Carlos Alberto Hernández Jiménez. Title: Estudio filogenético molecular de las especies y subespecies del género *Heloderma*. Benemérita Universidad Autónoma de Puebla, Escuela de Biología. Exam: Abril de 2005.
  20. B.S. Hibraím Adán Pérez Mendoza. Title: Evaluación de la diversidad beta de la herpetofauna mexicana, un análisis estatal. FES-Iztacala, UNAM. Exam: Marzo de 2007.

## GRADUATE

### Master's students

1. M.S. Thesis of Irene Goyenechea Mayer-Goyenechea. Title: Revisión taxonómica de los géneros de serpientes *Toluca* y *Conopsis*. Exam: March, 1995.
2. M.S. Thesis of Georgina Santos Barrera. Title: Revisión taxonómica de *Bufo occidentalis* en México. Exam: March, 1995.
3. M.S. Thesis of Fernando Mendoza Quijano. Title: Sistemática de las lagartijas del género *Sceloporus* del grupo *variabilis*. Exam: October, 1995.
4. M.S. Thesis of Eduardo Morales Pérez. Title: Aportes para la actualización del conocimiento de la avifauna de Chiapas con énfasis en cinco áreas naturales protegidas. Exam: October, 2000.
5. M.S. Thesis of Alicia Loeza Corichi. Title: Caracterización altitudinal de la herpetofauna en la región de Cerro Grande, Reserva de la Biósfera de Manantlán, Jalisco-Colima. Exam: December, 2004.
6. M.S. Edmundo Pérez Ramos. Tema: Distribución ecológica actual de los reptiles de Guerrero: un análisis biogeográfico preliminar. Examen: Abril de 2005.
7. M.S. Luis Canseco Márquez. Tema: Filogenia del género *Xenosaurus*, utilizando caracteres morfológicos. Examen: Mayo de 2005.
8. M.S. Leticia Margarita Ochoa Ochoa. Tema: Análisis de patrones de la herpetofauna de México. Examen: Diciembre de 2006.
9. M.S. Romel Rene Calderón Mandijano. Tema: Anfibios y reptiles como potenciales indicadores del estado de conservación del hábitat, en tres sitios del Corredor Biológico Mesoamericano (CBM), en México. El Colegio de la Frontera Sur (ECOSUR), Unidad Chetumal. Examen: Diciembre de 2006.
10. M.S. María del Rosario Barragán Vázquez. Tema: Análisis ecológico de la comunidad de anfibios y reptiles de Boca del Cerro, Tenosique, Tabasco, México. Universidad Juárez Autónoma de Tabasco. Examen: Enero de 2007.

### PhD students

1. PhD Irene Goyenechea Mayer-Goyenechea. Title: Filogenia del género *Conopsis* Günther 1858 (Serpentes: Colubridae) con un análisis cladista del grupo de pequeñas culebras enterradoras de Norteamérica. Exam: June, 2000.

### Postdoctoral associates

1. José Nicolas Urbina Cardona. Postdoctoral Scholarships Program UNAM. August, 2007 July, 2008.

## XV. GRANTS:

1. 1990. Program of Support to the Graduate Schools (PADEP-UNAM). Support to graduate students dissertations in zoological systematics and historical biogeography, project No. FC-9015, for the equivalent to \$ 650.00 Dollars. With this project the collection of frozen tissues at MZFC was created. Principal investigator.
2. 1990-1992. DGAPA-UNAM. Systematics and biogeography of insects and terrestrial vertebrates in the montane forests of México, project no. IN201789. 1990 for the equivalent to \$ 30,800.00 Dollars; 1991 for the equivalent to \$ 41,000.00 Dollars; 1992 for the equivalent to \$ 59,000.00 Dollars. Co-investigator.
3. 1992. PADEP-UNAM. Edition of the Special Issue of Revista Ciencias No. 7, project FC-9211, for the equivalent to \$ 7,500.00 Dollars. Principal investigator.

4. 1992. NSF. Terrestrial Vertebrate faunas of the humid montane forests of Oaxaca: an intensive biological survey and geographic analysis. Project no. DEB-9200863, for \$122,119.00 Dollars. Co-investigator.
5. 1993. DGAPA-UNAM. Edition of the Special Issue of Revista Ciencias No. 7, project DO208793, for the equivalent to \$ 10,000 dollars. Principal investigator.
6. 1993. NSF. Molecular systematics of the small-scales small-body radiation of the lizards of the genus *Sceloporus*. Project no. \$150,000.00 Dollars. Co-investigator.
7. 1993-1994. DGAPA-UNAM. Continuation of the project Systematics and biogeography of insects and terrestrial vertebrates in the montane forests of México, project no. IN203493, for the equivalent to \$ 45,500.00 Dollars. Co-investigator.
8. 1993-1994. CONABIO. Production of an Atlas of the Herpetofauna of México. project no. FB039/A014/93, for the equivalent to \$ 130,400.00 Dollars. Principal investigator.
9. 1993. CONABIO. Conservation of the herpetofauna of the state of Veracruz. Project no. FB030/A027/93, for the equivalent to \$ 12,000.00 Dollars. Principal investigator.
10. 1994. CONABIO. Update and publication of the book titled "Conservación en México: Síntesis Sobre Vertebrados Terrestres, Vegetación y Uso del Suelo" project no. P131, for the equivalent of \$10,136.00 Dollars. Principal investigator. The book appeared with the title "Biodiversidad y Conservación en México: Vertebrados, Vegetación y Uso del Suelo".
11. 1998. PAEP-UNAM Support for grauate research students at Facultad de Ciencias, UNAM. Project No. PAEP 002006, equivalent to \$ 496,017 US Dollars.
12. 1998. CONACyT, México Revisión Taxonómica, Filogenia y Biogeografía del género *Xenosaurus* (Squamata: Xenosauridae). Project No. 28007N, equivalent to \$32,070.00 US Dollars.
13. 2003 NSF support for HerpNet. UNAM subcontract No. FY2003-085-M2, \$ 35,600. US Dollars.
14. 2004. CONABIO, México Actualización del catálogo de autoridad taxonómica de la herpetofauna de México. Project No. CS003 for \$ 14,000.00 US Dollars.
15. 2005 CONABIO, México. Publicación de la obra áreas de endemismo para la herpetofauna Mexicana. Project No. CP016 for \$ 5,390.00 US Dollars.
16. 2005. CONABIO, México. Evaluación del riesgo de extinción de setenta y tres especies de lagartijas (SAURIA) incluídas en la Norma Oficial Mexicana-059-SEMARNAT-2001. Prject No. CK008 for \$11,000.00 US Dollars.
17. 2005. CONABIO, Mexico. Análisis de omisiones y vacias para las especies de anfibios y reptilers de México. Project No. CS006 for \$23,150.00 US Dollars.
18. 2007. CONACyT, Mexico. Recopilación y análisis de las fuentes primarias y secundarias relacionadas con la obra científica del naturalista Alfredo Dugès. Project No. 68974 for \$16,200.00 US Dollars.
19. 2007. Spanish Agency of International Collaboration (Agencia Española de Colaboración Internacional). Estrategias Vitales y conservación de *Crotalus polystictus* (lanced-headed rattlesnake) en el Estado de México, México. € 21,800.00

#### XVI. SCHOLARSHIPS AND AWARDS:

1. Scholarship Programa de Superación del Personal Académico de la UNAM, at Instituto de Biología, from October, 1979 to September, 1984.
2. Predoctoral Fellowship (Resident Museum Specialist), at Carnegie Museum of Natural History, with Dr. Clarence J. McCoy, from September, 1983 to January, 1984.
3. Candidate to National Researcher, in the National System of Researchers (Sistema Nacional de Investigadores), Mexico from July, 1986 to June, 1989.
4. Conservation Fellow at The Nature Conservancy and Conservation International, in Washington D.C. from August, 1986 to March, 1987.
5. Special Award in the IV National Contest of Scientific Photography. Organized by the Centro Universitario de Comunicación de la Ciencia y la Coordinación de la Investigación Científica de la UNAM. With the series of photographs: Care of eggs and hatchling in salamanders. August, 1987.
6. National Researcher Level I, in the National System of Researches (Sistema Nacional de Investigadores), Mexico, since July, 1989.

7. I have been nominated as a candidate for the award "Distinción Universidad Nacional para Jóvenes Académicos" 1992, in the area of Teaching in Natural Sciences. This is the highest award that the National University gives to young teachers.
8. "Fellowship" of the Willi Hennig Society in September of 1999.
9. National Researcher Level II, in the National System of Researches (Sistema Nacional de Investigadores), Mexico, since 2001.
10. Regular Fellow of Academia Mexicana de Ciencias in November of 2003.
11. Regular Fellow of Sigma Xi, the Scientific Research Society in September of 2004.

#### XVII. TALKS AND SEMMINARS GIVEN:

At Mexican institutions 87.  
 At foreign institutions 16.  
 Total: 103.

#### XVIII. SCIENTIFIC SOCIETIES:

1. Member of the National Geographic Society, from 1974 to 1981.
2. Member of the Sociedad Botánica de México, form 1975 to 1976.
3. Member of the Herpetologist League, since 1977 to date.
4. Member of The Desert Tortoise Council, from 1978 to 1981.
5. Member of the American Society of Ichthyologist and Herpetologist, from 1979to date.
6. Member of the Society for the Study of Amphibians and Reptiles, from 1979 to date.
7. Member of the Sociedad Mexicana de Zoología, from 1985 to date.
8. Founder Member of the Sociedad Herpetológica Mexicana, from 1988 to date.
9. Member of the Society of Systematic Biology. from 1991 to date.
10. Member of the Willi Hennig Society since 1999.
11. Member of the Academia Mexicana de Ciencias since 2003.
12. Member of the Sigma Xi, the Scientific Research Society since 2004.

#### FIELD EXPERIENCE:

1. Collecting of amphibians and reptiles in the Valley of México and Central México form 1975 to 1978 (Specimens deposited at Museum of Zoology Facultad de Ciencias, UNAM).
2. Collecting of fresh water turtles in Mississippi river in the State of Wisconsin, June, 1980.
3. Collecting of amphibians and reptiles in the State of Wyoming, August, 1983.
4. Collecting of plethodontid salamanders in the Smoky Mountains, October, 1983.
5. Collecting of amphibians and reptiles in the Region of "Los Tuxtlas", Veracruz, in 1984.
6. Collecting of fresh water turtles at Lacantum river, Chiapas, September to November, 1984.
7. Collecting of amphibians and reptiles at Omiltemi State Park, Guerrero, May, 1985 to February, 1986.
8. Collecting of amphibians and reptiles at Sierra of Taxco, Guerrero, México., 1987.
9. Collecting amphibians and reptiles in several parts of Central México since 1989 to date, as a part of the project Sistematics and Biogeography of the montane fauna of México.
10. Collecting of lizards of the genus *Sceloporus* during the summers of 1993 and 1994 in several parts of México.
11. Collecting of amphibians and reptiles in 2002-2007 in several parts of Mexico for the grant The amphibians and reptiles and their parasites of Mexico, a megadiverse country.

#### RESEARCH INTERESTS:

- Biogeography of amphibians and reptiles of México and Centralamerica.
- History of Biology in México.
- Natural history of fresh water turtles.
- Herbivory of lizards.
- Biological Conservation and Biogeography.



People's Republic of China

**Education**

B.S. Biology, 1951 — West China Union University, Chengdu, Sichuan, PR

**Academic Appointments**

1986 — Scientist (Research Professor), Chinese Academy of Sciences.

1982 — Associate Scientist (Associate Research Professor), Chengdu Institute of Biology, CAS.

1956 — Lecturer, Sichuan Medical University (Now West China University of Medical Sciences), Chengdu, Sichuan.

1951 — Assistant, Harbin Medical University, Harbin, Heilongjiang.

**Professional Appointments**

1982-1991 — Depute Director, Chengdu Institute of Biology, CAS.

1978-1987 — Director, Department of Herpetology, CIB, CAS.

**Scientific and Professional Organizations:**

1986: Councilor, China Society of Zoology

1986: President, Chinese Society for the Study of Amphibians and Reptiles

1986: President, Sichuan Society for Zoologists

1984: Vice-President, Sichuan Association of Wildlife Conservation

1983-1993: Member of Executive Committee, World Congress of Herpetology

1982: Vice-President, Branch of Herpetology, China Society of Zoology

**Honors and Distinctions:**

1991: Visiting Miller Professor, University of California at Berkeley, USA

1991: Visiting Professor, Cornell University, USA

1991-1996: Research Associate, Royal Ontario Museum, Toronto, Canada

1989: Honorary Fellow, California Academy of Sciences, San Francisco, US.

1988-1993: Research Associate, Field Museum of Natural History, Chicago.

1986-1987: Visiting Scholar selected by CSCPRC and hosted by Cornell Univ

**Honorary Societies:**

1988: Sigma Xi, The Scientific Research Society

- 1981: Mt. Gongga, western Sichuan.
- 1979: Chifeng, Inner Mongolia; Harbin, Heilongjiang; Yanbian, Jilin; Snake Isl Liaoning.
- 1978: Hongyuan Co., northwestern Sichuan.
- 1977: Mt. Tianshan region, western Xinjiang.
- 1976: Mt. Tianshan and Mt. Altai, Western and northwestern Xinjiang.
- 1974: Lianyungang, Jiangsu; Mt. Dabieshan, Anhui.
- 1973: Xizang (Tibet).
- 1972: Mt. Huangshan and Taiping Co., Anhui; Hainan Island.
- 1969-1970: Southwestern Yunnan.
- 1964: Hainan Island, Guangdong (now Hainan Province).
- 1963: Xingyi and Luodian, Guizhou.
- 1962: Mt. Qingling, Shaanxi.
- 1956-1958: Huanglongsi, Guanxian, western Sichuan.
- 1953: Dalian, Liaoning; Qingdao and Yantai (Chefoo), Shandong.
- 1952: Maoershan, Shangzhi, Heilongjiang.
- 1948: Mt. Jiufeng (Nine Peaks), Pengxian, western Sichuan.

Invited seminars:

- 1991: Department of Integrative Biology, University of California, Berkeley; Department of Biology, California State University, Dominguez Hills; Bureau of Land Management, Riverside, California, USA. Royal Ontario Museum Toronto, Canada.
- 1990: Institute of Biology, Kirghizstan Academy of Sciences, Frounze, Kirghizstan
- 1989: Department of Paleontology, Charles University, Czechoslovakia; Institute Systematic and Experimental Zoology, Polish Academy of Sciences, Krakó Poland. Zoological Institute, USSR Academy of Sciences, Leningrad, USSR
- 1988: Natural History Museum of Los Angeles County, Los Angeles, USA.
- 1985: Okinawa Prefectural Institute of Public Health, Okinawa, Japan.
- 1982: Japan Snake Institute, Yabuzuka, Japan; Okinawa Prefectural Institute of Public Health, Okinawa, Japan.

**Teaching Activities:** (Omitted)

**Service Activities:**

- Editor, *Acta Herpetologica Sinica*, Chengdu (1982-1988)  
Editor, *Asiatic Herpetological Research*, Berkeley, USA (1987 present)  
Member, Standing Committee of the Editorial Board, *Fauna Sinica*, Beijing (1978-present)  
Member, National Committee of Scientific Terms Examination and Revision, Beijing (1978 present)  
Member, Editorial Board, *Acta Zoologica Sinica*, Beijing (1973-1978)  
Member, Editorial Board, *Acta Zootaxonomica Sinica*, Beijing (1979-present)  
Member, Editorial Board, *Bulletin of Biology*, Beijing (1978-present)  
Member, Editorial Board, *Chinese Wildlife*, Harbin (1979 present)  
Member, Editorial Board, *Journal of Chinese Medicinal Materials*, Guangzhou (1978-present)  
Editor (1981), Member (1982-1992), Advisor (1992-present), Editorial Board, *Sichuan Journal of Zoology*, Chengdu.  
Member, Editorial Board, *Resources Development and Conservation*, Chengdu (1985-present)  
Chairman, China Reptiles and Amphibians Specialist Group, SSC/IUCN (1991-1994)

**58. Appendix L. Copeia Review Report 2007 (excluding the appendices) - Accepted by the Board of Governors and by the members during the Annual Business Meeting.**

## **Final Report: Ad Hoc Committee for Redesign/Editorial Reorganization of COPEIA**

Following from the 2005 report that recommended revisions to COPEIA and 2005 BOG discussion on this report, President Mayden appointed an ad hoc committee to propose explicit changes in organization and format to the journal and its editorial structure to enhance the image of the journal and improve the efficiency of its editorial process. The ad hoc committee consisted of Drs. Linda Trueb (Chair), Lynne Parenti, Scott Schaefer, David Hillis, Rafe Brown, and Rick Mayden.

Members of the committee were provided the 2005 report (Appendix) as background; they discussed aspects of the needed and recommended changes in the format of COPEIA, as well as other relevant items via email and phone conversations, and convened in Lawrence, KS between 8 and 10 May 2007. Drs. Schaefer and Parenti were unable to attend the meeting, but provided Chairperson Trueb with their input. In preparation for the meeting, Chairperson Trueb met with personnel with Allen Press to review the current status of the journal and the 2005 report, and to request that their company develop materials for our meeting as discussion points.

During the meeting in Lawrence, the committee discussed the prior report, reviewed feedback from members of the society regarding the journal and editorial matters, and reviewed materials from Allen Press. On 10 May, the committee met for 5 hours with the staff of Allen Press to discuss matters pertinent to the journal, the AllenTrack system, and our Silo site for COPEIA.

Based on the committee's deliberations, it offers a set of motions to the Society with the goal of enhancing the quality, readability, and attractiveness of the journal, and thereby implementing measures that will increase submissions, the journal's impact factor, and the Society's membership.

### **MOTIONS**

#### **A. Editorial Sections, Associate Editors, and Editorial Board**

1. 1. The Editor of COPEIA shall be elected for a 3-year term.
2. 2. The Editor is encouraged to meet annually with the staff of the press responsible for the production of the journal to ensure that the press personnel are aware of expectations of the society for COPEIA, and that associated entities are aware of the policies and procedures of the society, and expectations as to time to publication, quality of publication, and membership services. Such meetings might be on-site at the press or at the annual Society meetings.
3. 3. Formal editorial sections shall be eliminated.
4. 4. The Editor will appoint a group Associate Editors reflecting the topical diversity of manuscripts submitted to COPEIA. Associate Editors serve the Society at the discretion of the Editor.
5. 5. Initial terms of Associate Editors are 3 years and terms are renewable on an annual basis on the recommendation of the Editor.
6. 6. Additional Associate Editors are appointed as needed to assure that manuscripts are handled in an efficient and timely manner.
7. 7. The Editorial Board shall consist of a group no more than 25 persons with up to two members selected by each Associate Editor. The initial term of Board Members is 3 years, and terms are renewable on an annual basis on the recommendation of the Editor. The Board serves as an advisory council to the Editor and Associate Editors throughout the year. Board members serve the Society at the discretion of the Editor.

- .8. The Editor and Associate Editors will meet as the Publications Policy Committee at each Annual Meeting to discuss the status of the journal, and practices and policies that need attention within ASIH or with the press producing the journal to:
  - a. help expedite the review process;
  - b. minimize the time from date of submission to date of publication;
  - c. continue to improve the quality of the journal; and
  - d. develop and maintain an active vision of needs of the society and journal in negotiations of contracts for production and printing of **COPEIA**.

## **II. Redesign of COPEIA**

Revise the current style of **COPEIA** to an 8.5 \_ 11–page format, maintaining select features, while adding the following additional features:

1. 1. Color image on cover derived from one of the articles in the issue or from another appropriate resource (Appendix).
2. 2. Eliminate the manuscript category Shorter Contributions.
3. 3. Each article includes a brief biosketch of each author (example appended).
4. 4. Each article includes a brief statement as to the contributions to the research and/or article by each author.
5. 5. Revision of the format of the literature cited to a simpler format (e.g., author names not in small caps; Appendix).
6. 6. Addition of the Society logo at the end of each article next to the last line of the paper.
- .7. When space permits, inside back cover will carry details to readers regarding:
  - a. locations on the website for instructions to authors.
  - b. instructions as the use of the silo site.
  - c. instructions as the use of the AllenTrack system.
1. 8. If space is unavailable on the inside of back cover, information in 7.a–c will be printed on the last page of each issue of the journal.
2. 9. Back cover of journal with table of contents and with the Society logo screened in the background (Appendix).
3. 10. Redesign internal format with larger typeface and more leading. Provide different system of headings and redesign tabular material for increased legibility. Two examples are appended.

## **III. Instructions for Authors**

The committee thinks that the current "Notice to Authors" posted on the Society's website could be redesigned to be more user friendly and informative and of course, must be, if the Society moves to a new format for the journal. It might be productive to think of this in terms of an "Author's Resource Site," a guide to the proper preparation of manuscripts and figures for the journal. The committee encourages the Editor to work with knowledgeable individuals to develop a site that will engage authors and help them ready their manuscripts for submission.

## **IV. Student Award Papers Published in COPEIA**

In an effort to increase the profile of **COPEIA** and attract not only membership to the Society, but also attendance to annual meetings and competition for the Annual Stoye and

Storer awards, the committee recommends the following:

1. 1. All students competing for the annual Stoye and Storer awards will received a letter cosigned by the President and Editor of the Society inviting them to consider the publication of their research in **COPEIA**.
2. 2. Winners of each of the competitive sections for the Stoye and Storer awards will be invited to have their research published in **COPEIA**.
3. 3. These articles will receive the same review process as the invited articles for recipients of the Gibbs and Fitch annual awards.

**V. Benefits Provided to the Editorial Staff for their service in lieu of salary**

1. 1. Editor will have annual dues to the Society waived during term in office and transportation and lodging at annual meetings paid by the society.
2. 2. Associate Editors will have their annual dues to the Society waived during term in office and their registration to the annual meeting paid by the society.

Respectfully submitted to the American Society of  
Ichthyologists and Herpetologists

by:

Linda Trueb (Chair and Past-President), Richard  
Mayden (President)Lynne Parenti (Past-  
President)Scott Schaefer (Editor)Rafe Brown David  
Hillis

**VI. Attached Materials**

APPENDIX 1. Proposed New Cover Design. Examples of four numbers for a year. Final color selections have not been made, however the committee recommends that background colors are different for each number but consistent from year to year such that issues are easily identified. Note format is 8.5" \_ 11".

## **59. Appendix M. Summary of the Meetings 2007**





# SUMMARY OF THE MEETINGS

*Copeia* 2008, No. 1, 248–257

The 87<sup>th</sup> annual meeting of the American Society of Ichthyologists and Herpetologists (ASIH) was held at the Hyatt Regency St. Louis, St. Louis, Missouri from 11–16 July 2007, in conjunction with the 23<sup>rd</sup> annual meeting of the American Elasmobranch Society (AES), the 65<sup>th</sup> annual meeting of the Herpetologists' League (HL), the 50<sup>th</sup> annual meeting of the Society for the Study of Amphibians and Reptiles (SSAR), and the annual meeting of the Neotropical Ichthyological Association (NIA). Rick Mayden served as the chair of the local committee.

## BOARD OF GOVERNORS MEETING: 11 JULY 2007

President Mayden called the meeting of the Board of Governors to order at 17:09 h; 56 governors and 28 guests were in attendance. Secretary Donnelly conveyed messages of regret from Governors James Atz, Robert Cashner, Frances Cashner, Michael Dorcas, Carter Gilbert, David Greenfield, Patrick Gregory, Fred Janzen, Susan Jewett, David Kizirian, John McEachran, James Orr, Joseph Pechmann, Frank Pezold, Tod Reeder, Richard Rosenblatt, Jay Savage, W.B. Scott, Tom Turner, and Karen Warkentin.

Secretary Donnelly announced the passing of Marcus DiBernardo, Michael Rankin, Marinus Boeseman, Margaret Stewart, J. Alan Holman, Bruce A. Thompson, Jose Cei, Hymen Marx, and Pat Courtenay. Frances Cashner passed away on the morning of 13 July 2007 and George Barlow passed away on 14 July 2007. We also learned that William Pyburn passed away in 2007.

President Mayden called for approval of the minutes from the 2006 Board of Governors meeting as published in *Copeia* 2006(4):843–850. A motion was made to approve the minutes, the motion was seconded, and passed unanimously.

President Mayden announced that Joe Nelson is the chair of the 2007 resolutions committee. Karsten Hartel, David Hillis, and Rick Feeny are members of the committee.

President Mayden announced that Marty O'Connell and Henry Mushinsky are the co-chairs of the 2007 Student Awards Committee. The names of judges will be announced during the banquet.

President Mayden called on Secretary Donnelly to describe future meeting sites. In 2008, the Joint Meeting of Ichthyologists and Herpetologists will be held in Montreal, Canada (23–28 July). The 2009 meeting will be held in Portland, Oregon, the 2010 meeting will be held in Providence, Rhode Island, and the 2011 meeting will be held in Minneapolis, Minnesota. Secretary Donnelly told interested parties to contact Bob Cashner if they were interested in hosting an annual meeting. President Mayden described his experience as the local host to be simplified because of the efforts of the Kansas State University Conference Services group and the Meeting Planning and Management Committees.

President Mayden asked Secretary Donnelly to read the minutes of the Executive Committee meeting that was held

earlier in the day. The Executive Committee meeting was called to order by President Mayden at 9:13 am. First, EXEC discussed the dues and subscription rates for *Copeia* and determined that we needed to develop a dues structure that reflects the costs associated with the production of the journal as well as environmental costs. We actually have a cost structure for regular members that reflects this because one can join ASIH as a regular member for \$50.00 and this provides members access to the electronic version of the journal through our silo site. Regular members that pay \$85.00 get electronic access as well as paper. Treasurer Neighbors moved the following dues structure for 2008, the motion was seconded by Secretary Donnelly and the motion passed unanimously:

Regular Members (ejournal):	\$50.00
Regular Members (ejournal + paper):	\$85.00
Student Members (ejournal):	\$40.00
Student Members (ejournal + paper):	\$75.00
Sustaining Members (ejournal):	\$100.00
Sustaining Members (ejournal + paper):	\$135.00
Life Members (ejournal + paper = 25*85):	\$2125.00
Subscribers (ejournal):	\$135.00
Subscribers (both):	\$170.00

Second, EXEC reviewed the report submitted by the ad hoc committee appointed by President Mayden to review *Copeia*. The committee recommends several changes to the journal. President-Elect Mushinsky moved to accept the report submitted by the committee, Past-President Frost seconded the motion which passed unanimously. Endowment and Finance Committee chair Mel Warren moved that the changes in *Copeia* format be implemented for 2008, Mushinsky seconded the motion which carried unanimously.

Third, President Mayden introduced four representatives from Allen Press: Shelby Rogers, Mike Joseph, Annielaurie Seifert, and Derek Gates to describe the type of services that Allen Press would provide if we enter into an agreement with Allen Press to cooperatively publish the journal *Copeia* which is currently published by the ASIH. The Allen Press representatives described how the venture would work, how ASIH cash flows would change, and they fielded a variety of questions from members of EXEC concerning the way this partnership would function. It would streamline the interface between the Editor and Allen Press, it would provide ASIH with marketing efforts, and the ASIH would continue to hold the copyright for materials published in the journal. Once we have a firm proposal from Allen Press, it will be presented to the BOG for approval by an email vote.

Fourth, EXEC discussed the issue of advertising in *Copeia*. Mushinsky moved to suspend implementation of advertisements in *Copeia*, President Mayden seconded the motion, which carried unanimously.

Fifth, Governor Mark Peterson asked EXEC to consider lower meeting registration costs for emeritus members and

EXEC determined that it needed a solid proposal to move forward with this request.

Sixth, EXEC received a request to consider reprinting the Ahlstrom volume concerning larval fishes and President Mayden will charge the Special Publications Committee with consideration of this request.

Seventh, Warren showed figures that document steep declines across every category of membership and is concerned that we may disappear as a society if these declines continue. If we decide to co-publish the journal with Allen Press, some of the marketing issues would be addressed and this may help reduce the loss of membership.

Eighth, Treasurer Neighbors described a service wherein non-members using JSTOR can purchase articles for a price and ASIH would receive two-thirds of the costs and one-third would return to JSTOR. Donnelly moved and Frost seconded the motion to engage this JSTOR service. The motion carried unanimously.

Ninth, President Mayden will form two committees to replace the foreign members that recently passed away. One committee will nominate an Honorary Foreign Member in Ichthyology and the second will nominate the Honorary Foreign Member in Herpetology.

Tenth, EXEC voted unanimously to decline the offer from the Thompson Gale group to distribute electronic versions of our publications.

Eleventh, EXEC discussed the need for a Conflict-of-Interest Statement to comply with tax regulations for non-profit organizations. Prior Past President Parenti modified the language used by the AIBS for our purposes. Secretary Donnelly will distribute the conflict-of-interest statement to the members of the BOG and will compile the "signed" forms annually for the society. The 2007 statement will be sent out following the meeting; the 2008 statement will be sent out in January, 2008.

Twelfth, Warren presented the report from the Ad Hoc Committee on Awards. Mushinsky moved acceptance of the report; Warren seconded the motion which passed unanimously.

Thirteenth, Secretary Donnelly described a request for funds to help support an oral history project. Treasurer Neighbors moved that we decline the request, Mushinsky seconded the motion, which passed unanimously.

The Executive Committee meeting was adjourned at 13:43 h.

## REPORTS TO THE BOARD

President Mayden asked Secretary Donnelly to distribute three late reports: the Fitch Award Committee Report, the report from the Ad Hoc Committee on Awards, and the report from the Ad Hoc Committee on *Copeia*. After late reports were distributed, President Mayden indicated that EXEC exempted the report from AIBS/BioOne and the three late reports, he then asked the Governors if they wanted to exempt additional reports. Governor Bruce Collette asked to exempt the reports from the Editor and the Editorial Policy Committee meeting and Governor H. J. Walker asked to correct the report from the Ichthyological and Herpetological Collections Committee. It was moved and seconded that all non-exempted reports be accepted and the motion passed unanimously. Governor Collette wanted to ask Editor Schaefer about changes made to a diagnosis in a paper and Governor Warren pointed out that this query was not related to the report as presented. Governor Collette then asked to reinstate the listing of honorary foreign

members on the inside pages of *Copeia*. President Mayden informed him that the proposed changes to the journal would allow for this listing. Governor Walker pointed out that the newsletter is the Curation Newsletter (listed as the Curatorial Newsletter in the report) and that the committee was able to obtain commitments (instead of committees) for \$1500 to support a workshop. Discussion turned to the reports exempted by the Executive Committee, and President Mayden called on Al Savitzky, the representative to AIBS and BioOne to describe the action items in his report. The first action item was for ASIH to join COPUS and the Year of Science and Governor Savitzky presented this as a motion that was seconded and passed unanimously. Governor Savitzky then turned to the action item described in the BioOne report and Treasurer Neighbors pointed out that the ASIH is enrolled in the secondary rights program and that our silo site provides individual members with access to *Copeia* so that the individual access provided through BioOne is not needed.

President Mayden then called on Governor Mel Warren to describe the awards proposed by the ad hoc committee on awards. Warren described how the members of the committee felt that presentations of awards that honor the contributions of ASIH members would be attractive and would help retain or increase membership. An awards committee would be appointed annually by the president to present the following awards: Excellence in Education Award, Excellence in Public Outreach Award, Conservation Award, Outstanding Book Award, and Outstanding Scholar Award and that individuals would be nominated or could be self-nominated for consideration. Governors posed a variety of questions including duration of the nomination, criteria for excellence, how the awards would result in increased membership, and how these awards would retain the young members of the society. Governor Warren and President Mayden fielded questions from the floor. Following the discussion, President Mayden moved acceptance of the exempted reports except for the report on *Copeia*, the motion was seconded and carried unanimously.

President Mayden then called on Governor Linda Trueb to come forward and describe the recommendations for *Copeia*. Governor Trueb used a powerpoint presentation that first described the Editorial Changes which include the elimination of the current sections (Ecology & Ethology, General Herpetology, General Ichthyology, Genetics, Development & Morphology, Physiology and Physiological Ecology) so that the Editor could appoint Associate Editors as needed to manage the work flow. The Editor would be elected to a three-year term that could be extended on an annual basis. Associate Editors would be appointed for three-year terms that could be renewed by the Editor. The committee also recommends that the Editor's meeting costs be covered by the society and that the registration costs for the Associate Editors also be covered by the society.

Governor Trueb then described the proposed format changes that would actually save the society money. Following the presentation, Governor Hanken asked when the changes would take place and President Mayden replied that the changes could be instituted in 2008. Governor Pietsch wondered if the proposed color scheme would pose a problem for matching to color photographs on the cover. Governor Trueb assured the board that the colors would work and that the new paper would hold color well. Governor David Green wondered if there were concerns

about an "imperial editor" appointing so many associate editors and asked about editorial oversight. President Mayden responded that the Executive Committee would provide the oversight for the Editorial Office. Governor Walker asked about the elimination of the Shorter Contributions and Secretary Donnelly responded by saying that the designation would disappear and that paper length would not affect consideration for publication in the journal. Governor Buth objected to the fact that Associate Editors would be appointed rather than elected and Governor Trueb pointed out that most societies have appointed editors. Governor Mushinsky then moved acceptance of the report, the motion was seconded and the motion carried.

#### BOARD OF GOVERNORS ELECTIONS

President Mayden then called for approval of the ballot for the general election and the ballot for the Board of Governor elections. It was moved to accept both ballots, the motion was seconded, and the motion passed unanimously. The ballots for the Fitch, Gibbs, and Johnson committees were distributed, the governors voted. Lara Ferry-Graham was elected to a three-year term on the Robert H. Gibbs, Jr. Memorial Award Committee, Maureen Kearney was elected to a three-year term on the Henry S. Fitch Award Committee, and Margaret A. Neighbors was elected to a three-year term on the Robert K. Johnson Award Committee. All new members will serve as chairs of the committees in 2010.

#### OLD AND NEW BUSINESS

President Mayden turned to items of Old Business, hearing none, he turned to New Business and Governor Hanken described the Biodiversity Heritage Library Project and invited scientists to submit their materials to be scanned as part of the project. President Mayden introduced the representatives from Allen Press. Governor Johnson asked the Program Planners to include the date, place, and type of presentation for the abstracts next year; Governor Helfman reminded the governors that his book on Fish Conservation can be purchased for a discount during the meetings.

President Mayden called for additional New Business, hearing none, he called for a motion to adjourn. The meeting of the Board of Governors adjourned at 18:53 h.

#### ANNUAL BUSINESS MEETING: 15 JULY 2007

President Mayden called the Annual Business Meeting of the ASIH to order at 18:01 h in Regency Ballroom C. He then called for approval of the minutes as published in *Copeia* 2006(4):843–850. A motion to approve the minutes as published was made, seconded, and passed unanimously. President Mayden then asked Secretary Donnelly to read the minutes of the Board of Governors meeting that was held on 11 July 2007. After the reading of the minutes, it was moved to approve them, the motion was seconded, and it carried unanimously.

President Mayden then called on Frank McCormick, chair of the Conservation Committee, to come forward to read the substantive resolutions coming from his committee. Five of the six motions came from AES; these were unanimously approved. The sixth resolution, was a joint

resolution with the herpetological societies. It also was unanimously accepted.

President Mayden then called on Joe Nelson, chair of the Resolutions Committee to come forward to read the substantive resolutions from his committee. All resolutions were accepted by acclamation by the assembled members of the society.

#### SUBSTANTIVE RESOLUTIONS

RESOLUTION FOR THE NORTHWEST ATLANTIC SPINY DOGFISH.—WHEREAS mature female spiny dogfish (*Squalus acanthias*) in the Northwest Atlantic are depleted and recruitment failure has persisted for most of the last decade, and

WHEREAS the National Marine Fisheries Service (NMFS) has implemented a federal Atlantic spiny dogfish fishery management plan (FMP) to end targeted fishing and rebuild the reproductive biomass over roughly twenty years, and

WHEREAS over the last year the Atlantic States Marine Fisheries Commission (ASMFC) raised dogfish fishing limits far above those in place in federal waters to allow for targeted fishing on remaining mature female dogfish, and

WHEREAS excessive state trip limits, now at five times the levels advised by scientists, led to a 50% overage in the last federal spiny dogfish quota, and

WHEREAS fishermen have taken 42% of the current federal Atlantic spiny dogfish quota since the fishery opened in May (compared to 8% at this time last year) and are therefore poised for a substantial quota overage this year, and

WHEREAS excessive limits in state waters undermine state and federal dogfish recovery efforts as well as negotiations for cooperative management with Canada,

THEREFORE BE IT RESOLVED that the American Society of Ichthyologists and Herpetologists urges the National Marine Fisheries Service to immediately close federal waters to spiny dogfish fishing until ASMFC and individual state dogfish limits are lowered to scientifically advised levels.

RESOLUTION FOR EUROPEAN SHARK CONSERVATION.—WHEREAS eight years after the adoption of the FAO International Plan of Action (IPOA) for the Conservation and Management of Sharks, the European Union has yet to develop a Community Action Plan for Sharks as pledged under the IPOA, and

WHEREAS in September 2006 the European Parliament called on the European Commission to strengthen its shark finning ban and develop an EU shark management plan by June 2007, and

WHEREAS the EU finning regulation allows shark fins and carcasses to be landed in separate ports under the highest fin-to-carcass ratio in the world, thereby seriously undermining the ban's effectiveness, and

WHEREAS shark scientists at a 2006 technical workshop reviewed the available data regarding the EU finning ban and associated shark fisheries, and recommended improving the effectiveness of the finning ban by replacing the ratio with a requirement to land sharks with fins attached, and

WHEREAS EU, Canadian, and US vessels often fish the same populations of highly migratory North Atlantic sharks, and

WHEREAS EU Member States include major shark fishing nations, contribute significantly to global trade in shark

fins, and support fishing vessels that operate all over the world,

THEREFORE BE IT RESOLVED that the American Society of Ichthyologists and Herpetologists urges the European Union develop a Community Plan of Action for sharks that includes science-based catch limits and requires that sharks be landed with fins attached.

RESOLUTION FOR SHARKS AT ICCAT.—WHEREAS the International Commission for the Conservation of Atlantic Tunas (ICCAT) is capable of instituting restrictions on catches of Atlantic pelagic sharks, and

WHEREAS the International Council for Exploration of the Sea (ICES) has recommended zero catch from the Northeast Atlantic Porbeagle Shark population as well as measures to reduce bycatch, and

WHEREAS Canadian scientists have concluded that the Northwest Atlantic porbeagle population has declined to 12–15% of former levels and will require a century or more to recover from overfishing, and

WHEREAS many Parties to the Convention on International Trade in Endangered Species (CITES) rejected a proposal to limit trade in porbeagle sharks based on a position that the responsibility for porbeagle conservation lies with ICCAT, and

WHEREAS ICCAT scientists have concluded that measures to reduce fishing mortality on North Atlantic shortfin mako sharks are necessary to improve the status of this population, and

WHEREAS shark scientists at a 2006 technical workshop examining shark fin removal issues concluded that requiring sharks be landed with their fins attached is the most effective method to ban finning and also improves species specific data collection, vital for assessments,

THEREFORE BE IT RESOLVED that the American Society of Ichthyologists and Herpetologists urges parties to ICCAT to adopt a binding recommendation in 2007 to require that sharks be landed with their fins attached, all porbeagle sharks be carefully released, and fishing mortality on North Atlantic shortfin mako sharks be reduced.

RESOLUTION FOR ATLANTIC SANDBAR AND PORBEAGLE SHARKS.—WHEREAS the National Marine Fisheries Service (NMFS) is currently considering measures to rebuild NW Atlantic sandbar and porbeagle sharks under Amendment 2 to the Consolidated Fishery Management Plan for Atlantic Highly Migratory Species, and

WHEREAS the most recent, NMFS peer-reviewed stock assessment for Northwest Atlantic sandbar sharks (*Carcharhinus plumbeus*) reveals that the population is overfished, experiencing overfishing, and will require as many as 70 years to recover from depletion, and

WHEREAS Canadian scientists have determined that the Northwest Atlantic Porbeagle (*Lamna nasus*) shark population has declined to 12–15% of former levels and will require a century or more to recover, and

WHEREAS commercial and recreational fishing is still allowed on these depleted porbeagle and sandbar shark populations,

THEREFORE BE IT RESOLVED that the American Society of Ichthyologists and Herpetologists urges the National Marine Fisheries Service to proceed with proposals to impose moratoria on fishing for Atlantic sandbar and porbeagle

sharks under the Amendment 2 to the Consolidated Fishery Management Plan for Atlantic Highly Migratory Species.

RESOLUTION FOR NORTHWEST ATLANTIC SKATES.—WHEREAS the National Marine Fisheries Service (NMFS) has determined that several additional stocks of Western North Atlantic skates are overfished, thereby mandating amendment of the 2003 skate fishery management plan (FMP), and

WHEREAS the International Union for the Conservation of Nature (IUCN) Shark Specialist Group has proposed Northwest Atlantic thorny skates (*Amblyraja radiata*) as threatened with extinction, and

WHEREAS the National Marine Fisheries Service (NMFS) reports that thorny skate biomass has not increased despite a 2003 prohibition on landings, and

WHEREAS NMFS reports a decline of nearly 50% in winter skate (*Leucoraja ocellata*) biomass since FMP implementation and predicts that little skates (*Leucoraja erinacea*) and smooth skates (*Malacoraja senta*) will soon become overfished, and

WHEREAS poor identification and insufficient monitoring continue to hamper collection of sorely needed species-specific data on skate catches, and

WHEREAS the lack of data collected on skate catches and bycatch hinders more precise assessments, rebuilding estimates, and effective management, and

WHEREAS the Northwest Atlantic Fisheries Organization (NAFO) set a quota for thorny skate in 2004 that exceeded scientific advice, but may be reviewed at the 2007 annual meeting of NAFO,

THEREFORE BE IT RESOLVED that the American Society of Ichthyologists and Herpetologists requests the National Marine Fisheries Service ensure that the amendment to the Atlantic skate management plan includes science-based limits on catch, bycatch reduction requirements, and measures to improve species specific data collection, and further urge NMFS to propose a reduction in the NAFO skate quota to no more than the level advised by the NAFO Scientific Council.

RESOLUTION FOR THE AMPHIBIAN CONSERVATION ACTION PLAN.—WHEREAS the herpetological and conservation communities acknowledge that amphibian declines and extinctions are real, and that the threat of extinction is apparent for at least a third of the more than 6,000 known species of amphibians as revealed by the Global Amphibian Assessment (GAA) by the IUCN (Stuart et al., 2004), and

WHEREAS the GAA, identified habitat loss and degradation, over-harvesting, climate change and disease as the principal causes of threat, and

WHEREAS the Amphibian Conservation Summit met in September 2005 in Washington, D.C., to determine appropriate responses to this ongoing loss of biological diversity, and

WHEREAS this group produced the Amphibian Conservation Action Plan (ACAP, 2007) under the aegis of the Amphibian Specialist Group of the Species Survival Commission/IUCN, with the help of host organization Conservation International, and

WHEREAS the implementation of the ACAP will require extraordinary funding and the worldwide cooperation of many parties to conduct research in habitat loss, disease, ecotoxicology, and climate change, and

WHEREAS implementation of the Plan requires continuing coordination and facilitation incorporating many diverse fields through the SSC/IUCN Amphibian Specialist Group ([www.amphibians.org](http://www.amphibians.org)) and the proposed Amphibian Survival Alliance, and

WHEREAS one aspect of the Plan is an emergency-response program to secure species immediately threatened with local or global extirpation by establishing captive populations of threatened species in biosecure quarters, in physical proximity to the natural ranges of the species, and

WHEREAS this program is being developed and implemented by The Amphibian Ark ([www.amphibianark.org](http://www.amphibianark.org)) and its sponsoring groups (the Conservation Breeding Specialist Group, the Amphibian Specialist Group of SSC/IUCN, and the World Association of Zoos and Aquariums), and

WHEREAS the need to maintain 500 or more species in large enough numbers for ample representation of the metapopulation genetics of those species demands new ways of controlling or mitigating the effects of climate change, emerging, infectious disease, habitat loss, and other global threats in the wild, and

WHEREAS our ignorance about the basic biology and ecology of many amphibian species is a major handicap in protecting wild and captive populations, and

WHEREAS the training of many people in the necessary conservation and research techniques, calls for the involvement of many colleagues in universities, government agencies, and NGOs in providing information, expertise, training, and encouragement,

THEREFORE BE IT RESOLVED that the American Society of Ichthyologists and Herpetologists, Herpetologists League, and Society for the Study of Amphibians and Reptiles jointly endorse the Amphibian Conservation Action Plan and support its implementation under the aegis of the Amphibian Specialist Group of SSC/IUCN and offer our support in mounting a conservation response to this unparalleled challenge faced by an entire class of vertebrates, and

BE IT FURTHER RESOLVED that we endorse the formation of the Amphibian Survival Alliance and encourage our individual members to assist the endeavors of the Amphibian Survival Alliance and the Amphibian Ark to prevent further extinctions.

RESOLUTION FOR STANLEY F. FOX.—WHEREAS Stanley F. Fox has served three years as Section Editor for Ecology and Ethology, and

WHEREAS Stan put his own research projects aside while he helped our members improve their manuscripts, and

WHEREAS this dedicated service is essential for the production of *Copeia*,

THEREFORE BE IT RESOLVED that the ASIH extends its thanks to Stan for his generous service as Sectional Editor for Ecology and Ethology.

RESOLUTION FOR OUR SENIOR MEMBERS.—WHEREAS ASIH has many long-standing members, some over 90 years old, such as Jimmy Atz (90), Reeve Bailey (96), Henry Fitch (97), Bob Stebbins (93), Bev Scott (90), and Will Tanner (100) who could not attend this meeting, and

WHEREAS other hard-working members, officers or former officers, who would certainly have been here but could not because of personal or health reasons,

THEREFORE BE IT RESOLVED that the ASIH expresses its best wishes to them and looks forward to their continued input into our Society and into the science of Ichthyology and Herpetology.

Following the reading of this resolution, Governor Clark Hubbs was recognized for his contributions to our meetings. Clark attended his first ASIH meeting in 1929!

RESOLUTION FOR FRANCES M. CASHNER.—WHEREAS members of the ASIH and the attendees of the joint meetings in St. Louis, were deeply saddened by news of the death of Dr. Frances Miller Cashner on 13 July 2007, and

WHEREAS Fran, who was the daughter of Frances Hubbs Miller and Robert Rush Miller and a granddaughter of Laura Clarke Hubbs and Carl Leavitt Hubbs, was fully integrated into ASIH by the time she was a teenager, and

WHEREAS Fran served the ASIH in many ways: as member, as local host, and as Index Editor of *Copeia*,

THEREFORE BE IT RESOLVED that the members of the ASIH express their deepest sympathy to Bob Cashner, and daughters Molly, Emily, and Christie, and a granddaughter, and to the entire Cashner, Miller, and Hubbs families.

#### PRESENTATION OF GAIGE AND RANEY AWARDS

President Mayden called on Secretary Donnelly to read the names of the Gaige Award winners for 2007. The 2007 Gaige Committee was chaired by Adam Summers. Rita Mehta and Taran Grant served as members of the committee; Rita Mehta will chair the committee in 2008. The 2007 Gaige Award Committee selected ten outstanding awardees from a pool of 56 very competitive applications. The proposals were judged on scientific merit, need, and letters of recommendation. The 2007 recipients of Gaige Awards are:

**Bhart-Anjan S. Bhullar**, University of Texas: Rare taxa, fossils, and the diversification of the clades Xenosauridae and Anguillidae; **Brittney Calsbeek**, University of Vermont: Testing the influence of parasites on phenotypic variation in a polymorphic lizard; **Karen M. Benyo**, Washington State University: Local adaptation of an emerging infectious disease implicated in amphibian declines; **Krista Parsley Coquia**, California Polytechnic Institute, San Luis Obispo: Hormonal determinants of sexual size dimorphism in the yellow-backed spiny lizard, *Sceloporus uniformis*; **Emily A. Gardner**, Washington State University: Variation in larval amphibian life history traits (turned the award back); **John Peterson**, Auburn University: Effects of *Batrachochytrium dendrobatidis* on several anurans in southeastern North America; **Heather Cunningham**, University of Alabama: Testing assumptions of ecological niche models: Comparisons of relative fitness and condition of populations across high and low probability of occurrence areas; **Matthew L. Niemiller**, University of Tennessee: Hybridization in the dark: linking habitat disturbance to gene flow between an obligate cave-dwelling salamander and its surface relative; **Rachel M. Goodman**, University of Tennessee: Do geographic patterns of cell size and body size in an ectothermic vertebrate reflect latitudinal and climatic gradients?

**Casey A. Gilman**, University of New Mexico: Changes in cardiopulmonary physiology during gravidity in the oviparous lizard *Crotophytus collaris*.

President Mayden then called on W. Leo Smith to present the 2007 Raney Awards. The 2008 committee was chaired by Kent Carpenter. Tim Targett and Leo Smith served as

members of the committee; Tim Targett will chair the committee in 2008. The committee received 34 applications with many excellent proposals worthy of support. The committee had \$5,000 to award. In most years, previous committees awarded \$1,000 to the top five applicants. This year we had three clear top candidates and five applicants tied for fourth and fifth place. We decided to re-evaluate these five applicants and rank them again in order to choose the top two of the five. Among the top candidates was one candidate who previously received the Raney Award. The committee determined that there was no clear guidelines about repeat Raney award recipients and therefore did not penalize the candidate. However, there was a general consensus that the spirit of the Raney Fund would be better served if a restriction was made, and recommend that the wording in the announcement be changed so that candidates can receive only one Raney award. The top five from the 2007 deliberations are listed below in alphabetical order: **Yvette R. Alva**, Ph.D. student, University of California, Santa Cruz: Molecular evolution, larval ecology, historical biogeography, and geology to estimate levels of gene flow among five species of reef fish endemic to the Tropical Eastern Pacific; **Mollie F. Cashner**, Ph.D. student, Tulane University: Explorations in nest association: characterization of spawning communities using restriction fragment length polymorphism (RFLP); **Jayne M. Gardiner**, M.A. student, University of South Florida: Multisensory integration in prey tracking and capture in sharks; **Donovan P. German**, Ph.D. student, University of Florida: Gut function in loriciariid catfishes with different diets: implications for lignocellulose digestion among a clade of grazing fishes; **Stuart Willis**, Ph.D. student, University of Nebraska-Lincoln: Cryptic speciation and morphological evolution in Neotropical fishes.

#### ELECTION OF OFFICERS

President Mayden then moved to the election of ASIH officers including President-Elect, sectional editors, new members of the Board of Governors (Class of 2012), the Nominating Committee Chair, and members of the Nominating Committee. The slate of nominees as provided by the Nominating Committee and the BOG are posted on the website. The ballots were distributed to the members by the election facilitators (Alessandro Catenazzi, Vivian Macca-chero, Ralph Saporito, Rocky Parker, and Nick Osman) and President Mayden called for any additional nominations from the floor, hearing none he called for a motion to close nominations. It was moved and seconded that the nominations be closed. The ballots were collected and tallied by the facilitators.

Results of the elections were announced at the banquet and are listed here (an asterisk [\*] denotes re-election of an incumbent officer): President-Elect: John L. Lundberg; Secretary: Maureen A. Donnelly\*; Treasurer: Margaret A. Neighbors\*; Editor: Scott A. Schaefer\*; Index Co-Editor: Frances M. Cashner\*; Index Co-Editor: James W. Orr\*; Ecology and Ethology Sectional Editor: Gregory J. Haenel; Ecology and Ethology Sectional Editor: Jacqueline D. Litzgus; Ecology and Ethology Sectional Editor: Sharon E. Wise; Ecology and Ethology Sectional Editor: Joel M. Snodgrass\*; General Herpetology Sectional Editor: Michael J. Lannoo\*; General Herpetology Sectional Editor: Tod W. Reeder\*; General Herpetology Sectional Editor: David Kizirian; General Ichthyology Sectional Editor: Donald G. Buth\*;

General Ichthyology Sectional Editor: Carl J. Ferraris, Jr.\*; Genetics Development and Morphology Sectional Editor: Joseph M. Quattro\*; Genetics Development and Morphology Sectional Editor: Jacqueline F. Webb\*; Physiology and Physiological Ecology Sectional Editor: Eric T. Schultz\*; Physiology and Physiological Ecology Sectional Editor: Robert T. Mason\*; Chair of the Nominating Committee: Stanley F. Fox; Nominating Committee Members: Karsten Hartel, Tim Berra, and Charles Peterson. The new members of the Board of Governors Class of 2012 are: Herpetology: Chris Beechy, Bill Cooper, Taran Grant, Karen Lips, and Rick Relyea; Ichthyology: Kassie Cole, Carol Johnston, Roberto Reis, Peter Wainwright, and Mark Westneat.

#### OLD AND NEW BUSINESS

President Mayden then called for items of Old Business. Kassie Cole asked if life memberships could still be paid in four installments and President Mayden told her that arrangement was still available for the membership. Under New Business, Richard Vogt announced that the World Congress of Herpetology would be held in Manaus, Brazil at the Hotel Tropical, the venue for the 2003 Joint Meeting of Ichthyologists and Herpetologists, in 2008 (17–22 August; <http://www.worldcongressofherpetology.org/>). COPA is the airline of the meeting and it flies directly to Manaus from Panama City, and is a partner with Continental Airlines.

Hearing no other new business President Mayden reminded the members that we have meetings scheduled through 2011 as follows: 2008: Montreal, Canada (23–28 July); 2009: Portland, Oregon (22–27 July); 2010: Providence, Rhode Island (7–12 July); 2011: Minneapolis, Minnesota (6–11 July). President Mayden then called on David M. Green to give a presentation on the Montreal meeting in 2008. David presented a slide show promoting the Montreal meeting and invited us in French and English to join him in Canada in 2008.

President Mayden then called for a motion to adjourn, which was made, seconded and the meeting adjourned at 19:03 h.

#### ANNUAL BANQUET: 17 JULY 2006

Emcee Larry Page called the Banquet to order at 19:00 h. He introduced the persons seated at the head table. The AES was represented by Cami McCandless (Secretary) and Julie Neer (Treasurer); the ASIH was represented by President Richard Mayden, his son Kyle Mayden, Treasurer Margaret Neighbors and Secretary Maureen Donnelly; the HL was represented by President Linda Ford and President-Elect David Cundall; President Roy McDiarmid, Secretary Marion Preest, and Treasurer Kirsten Nicholson represented the SSAR. Larry invited all the attendees to enjoy their dinner and reconvened the banquet proceedings following the meal.

When Emcee Page took the podium following dinner he thanked Sharon Brookshire and the entire staff of the Kansas State University Conference Services for an excellent job at running the 2007 meeting. He then wished Jack Musick well in his retirement. Larry welcomed the diversity found at the 2007 meeting which included the AES, the SSAR, the HL, ASIH, the Neotropical Ichthyological Association, and the North American Native Fishes Association (NANFA). He then told a joke about a cow, a family, and a mermaid.

Larry announced that the Joint Meeting of Ichthyologists and Herpetologists hosted 1,068 attendees and 50% of those

were students. The attendees represented 25 countries (Argentina, Australia, Austria, Belgium, Belize, Brazil, Canada, China, Colombia, Ecuador, Germany, Guyana, Japan, Mexico, New Zealand, Oman, Peru, Poland, Portugal, Sri Lanka, Sweden, Switzerland, United Kingdom, United States, Venezuela).

Larry called on the Past-Presidents of all the assembled societies to stand and be recognized. He then asked persons to stand according to their ages after hearing the resolution, honoring our senior members, during the business meeting. Larry looked around the audience and acknowledged the important contributions made by our senior members and remarked on the value of the Historical Perspectives series that appears in *Copeia*.

Larry then turned to the awards portion of the program. He first announced that the ASIH Graduate Student Participation Committee earned \$3192 during the 2007 Book Raffle. The student members that organized the raffle, Lara Douglas and James Van Dyke, were assisted by an army of student volunteers. The ASIH will match the funds to build the Student Travel Award fund for future meetings. Larry called on Mo Donnelly to come forward to present a Certificate of Appreciation to outgoing Ecology and Ethology Editor Stanley Fox. He then called on Frederick Zaidan to present the best student papers for the Southeastern Division of the ASIH. Joe Gerken won for his paper entitled "Habitat Use of the Grotto Sculpin (*Cottus carolinae*) A Troglotic Fish Species in Perry County, Missouri." Chris Winne won for his paper entitled "Are Black Swamp Snakes (*Seminatrix pygaea*) Income or Capital Breeders? Experimental Evidence Using Stable Isotopes to Unravel the Timing of Reproductive Allocation."

#### PRESENTATION OF STOYE AND STORER AWARDS

Larry then called on Marty O'Connell, co-chair of the Student Awards Committee for 2007, to present the Stoye and Storer awards. Marty co-chaired the STAC with President-Elect Henry Mushinsky. Marty and Henry worked with 33 judges in 2007. Each Stoye and Storer awardee received a certificate and a \$250 cash prize. Carol Stepien chaired the committee that judged papers for the Stoye Award in Ichthyology. The judges included Peter Berendzen, Prosanta Chakrabarty, Philip Harris, and J. Andres López. The winner of the 2007 Stoye Award in General Ichthyology was **Michael Tobler**, University of Oklahoma for his talk entitled "Ecological Differentiation and Reproductive Isolation along Environmental Gradients in *Poecilia mexicana* (Poeciliidae, Teleostei)." Robert Aldridge (Chair), Russ Burke, Cliff Fontenot, and Sue Parker judged papers for the Stoye Award in General Herpetology. **Jeanne Robertson**, Cornell University, won the 2007 Stoye Award in General Herpetology for her talk entitled "Geographic Diversity: Pattern and Processes." Marlis Douglas (Chair), Nicholas Lang, and Carol Spencer served as judges for the Stoye award papers in Genetics, Development and Morphology. **John Peterson**, Auburn University, won the Stoye Award in Genetics, Development, and Morphology for his talk entitled "Growth and Developmental Effects of Coal Combustion Residues on Southern Leopard Frog (*Rana sphenoccephala*) Tadpoles Exposed Throughout Metamorphosis. Tiffany Doan (Chair), Mark Belk, Lynne Houck, Steve Johnson, Ken Longenecker, Mark Mills, and Steve Walsh judged several papers in the Ecology and Ethology competition. The 2007 Stoye Award for Ecology and Ethology was

awarded to **Jayne M. Gardiner**, University of South Florida, for her talk entitled "Blind fish suck: Largemouth Bass (*Micropterus salmoides*) Switch Feeding Modalities in Response to Sensory Deprivation." Gad Perry (Chair), Emily Taylor, and Richard King judged the papers in the Conservation category. The winner of the Stoye Award in Conservation was **Angela M. Picco**, Arizona State University, for her talk entitled "Strain Variation of Ranaviruses in the Tiger Salamander Bait Trade." Richard Lehtinen (Chair), Rafe Brown, Bruce Kingsbury, Brad Shaffer, and Mark Waters judged the posters in Herpetology. The winner of the Storer Award in Herpetology was **Karen Kiemnec**, Oregon State University, for her poster entitled "The Diversity of Pheromone Receptors in the Vomeronasal Organ of *Plethodon* Salamanders." Donald Stewart (Chair), Ginny Adams, Valerie Barko, Terry Grande, Eric Hilton, and Brian Sidlauskas judged the posters in Ichthyology. The winner of the 2007 Storer Award in Ichthyology was **Christa M. Woodley**, University of California Davis, for her poster entitled "The Swim Performance of Sacramento Perch (*Archoplites interruptus*): Temperature and Ontogenetic Effects."

#### BANQUET RESOLUTIONS

Larry then called on Joe Nelson, Chair of the 2007 Resolutions committee to come forward to read the banquet resolutions:

RESOLUTION FOR THE 2007 JOINT MEETING.—WHEREAS the Local Hosts: Rick Mayden, Nevin Aspinwall, Robert Aldridge, Jason Knouft, and Robert Wood assisted and advised in all manners of things, especially the fabulous City Museum, and

WHEREAS Swank AV was committed to supporting JMIH members, and kept the Power Point gremlins at bay, and

WHEREAS the Hyatt Regency St. Louis guest services and banquet staff provided prompt and courteous response to every request made, and

WHEREAS the K-State team, Sharon Brookshire, Heide McBride, Derek Larson, Erin Moore, Rebecca Frakes, Cara Davis, and Candace Hufford, **once again**, made the meetings work,

THEREFORE BE IT RESOLVED that ASIH thank them all for their hard work and service to the Society.

RESOLUTION FOR THE 2007 MEETING VENUE.—WHEREAS in 1936, the late Marlin Perkins, Curator of Reptiles at the St. Louis Zoo, invited the American Society of Ichthyologists and Herpetologists to hold its annual meeting in St. Louis the following year, and

WHEREAS this Society, for various reasons chose not to meet in St. Louis in 1937, and

WHEREAS the Society, through its secretary, M. Graham Netting, expressed its view that a meeting should be held in St. Louis in the "not too distant future," and

WHEREAS the "not to distant future" turned out to be 70 years later,

THEREFORE BE IT RESOLVED that ASIH conveys the news to Mr. Perkins, wherever he may be, that his kind offer was finally accepted.

RESOLUTION FOR PAST-PRESIDENT DARREL FROST.—WHEREAS past ASIH President Darrel Frost presented his



presidential sermon on the Evils of Paraphyly, Polyphyly, and Phenetics, and

WHEREAS Darrel is recognized around the world as an expert on evils of all kinds, and

WHEREAS Darrel admonished us all to avoid these evils, and to seek the one true path to enlightenment of monophyly, and

WHEREAS “herpetology” and “ichthyology” are each defined as the scientific study of known evil paraphyletic groups, and

WHEREAS “Americans” are an even more evil POLYPHYLETIC group, and

WHEREAS “Society” is obviously a phenotypic concept,

THEREFORE BE IT RESOLVED that from this point on, Darrel be required to list on his CV that he served not as President of the American Society of Ichthyologists and Herpetologists, but rather as the president of “An Informal Group of Vertebrate Biologists who Exclude as Members those who Study Birds and Mammals, Not Because Those Groups Aren’t More Closely Related to the Groups We Care About, But Just Because We Can.”

RESOLUTION FOR PRESIDENT RICK MAYDEN.—WHEREAS at past joint meetings highly placed “dignitaries” have welcomed joint attendees to the Plenary Session, and

WHEREAS at this meeting **only** the Chair of the local Committee/ and President of ASIH opened the Plenary Session,

THEREFORE BE IT RESOLVED that Professor/ Doctor Rick Mayden be appointed under a grand and auspicious title of the “Unique Greeter and Welcoming Poobah” for all future ASIH meetings.

RESOLUTION FOR SECRETARY MAUREEN DONNELLY.—WHEREAS during the BOG meeting, Secretary Donnelly’s desktop was projected on the screen, and

WHEREAS during that time many folders and files of a possibly personal nature were projected,

THEREFORE BE IT RESOLVED that ASIH purchase a copy of “Computer Security for Dummies” to save the BOG from having to annually anticipate seeing her files.

RESOLUTION FOR THE CITY MUSEUM RECEPTION.—WHEREAS The reception at the City Museum was one of the greatest receptions in recent memory, and

WHEREAS curators, past-Presidents, professors, and university students alike were seen clambering through wire tubes and laughing like children whizzing down scary slides in the dark, and

WHEREAS it was a good recommendation to wear long pants, especially for the older guys, and

WHEREAS the combination of a wire tube 50 feet in the air, a collection manager, and a generous mixed drink in a fancy glass, makes for one hell of a time,

THEREFORE BE IT RESOLVED that all future ASIH receptions include some form of wire tube, scary slide, old-building façade, gargoyle, and most importantly, a working kiddie train.

RESOLUTION FOR HARRY GREENE.—WHEREAS Harry Greene is a respected and longstanding member of the herpetological community, and

WHEREAS Harry is one of the most popular speakers at our annual meeting, and

WHEREAS at the end of his stimulating presentation on the relationship between primates and snakes Harry shared two provocative natural history observations he made while in Brazil, and

WHEREAS one of those natural history observations was of a Brazilian frog resting on the back of capybara (the world’s largest rodent), and

WHEREAS Harry interpreted his observation as the frog “grooming” the capybara—much to the amusement of the audience members, and

WHEREAS participants of JMIH often engage in vigorous discussion and genial debate long into the wee morning hours night after night, and

WHEREAS such activities often preclude opportunities for bathing and other forms of personal grooming,

THEREFORE BE IT RESOLVED that at future JMIH meetings all participants be provided a “Brazilian grooming frog” with their registration packet to aid them with personal hygiene.

RESOLUTION FOR THE 2008 MEETING INVITATION.—WHEREAS David Green gave two intriguing presentations, in two languages, in his overview of Montreal for ASIH 2008, and

WHEREAS ASIH attendees should be at least slightly bilingual to fully enjoy this wonderful city,

THEREFORE BE IT RESOLVED that we look forward to 2008 but note that ASIH members attending the Montreal meetings should never be heard to say “Je ne parle pas français.”

#### PRESENTATION OF THE ROBERT K. JOHNSON AWARD

Larry Page then called on Frank McCormick to present the Robert K. Johnson Award on behalf of Harvey Lillywhite, the committee chair.

“In 2004, the ASIH created the Robert K. Johnson Award to recognize members who perform exceptional service for the ASIH and exemplified Bob Johnson’s legacy. Bob served on many ASIH committees, four terms as a member of the Board of Governors, was Managing Editor of *Copeia*, Secretary, and Chair of the Long Range Planning and Policy Committee. As chair of the Long Range Planning and Policy Committee, he developed a policy and procedures manual for the Society that guides the work of the volunteers who govern it. We continue to benefit from Bob’s inspired leadership and the efforts of that committee. The 2007 Robert K. Johnson Committee was chaired by Harvey Lillywhite with members Brian Crother and Frank McCormick.

Previous recipients of this award, Clark Hubbs, Margaret Stewart, and Carter Gilbert, are emblematic of the lofty standard of service set by the man for whom the award is named. This year’s recipient continues that tradition. This year we have chosen to honor a very active member of ASIH. A past president of the Society, he served on the Executive Committee for eight years. He also chaired the Long Range Planning and Policy Committee and its predecessor (Long Range Planning and Finance), and serves as the ASIH representative to several other professional societies. He has served on the Board of Governors, the Nominating Committee, the Henry S. Fitch Award Committee, and committees that I did not even know we had. He is an active and integral member of the Conservation Committee. His

work with the American Institute of Biological Sciences and BioOne has been instrumental in helping the ASIH maintain its health during the transition of *Copeia* from a paper journal format to an electronic journal.

This distinguished record of service is accompanied by an equally distinguished record of scientific accomplishment. He has published over 25 papers and a long, long list of contributed and invited presentations. He has a deep appreciation for multidisciplinary and interdisciplinary activities and a sincere interest in his fellow scientists at all stages of their careers. He has supervised or served on the committees of 45 post-doctoral, doctoral and masters students, though given his dedication to advancing the study of herpetology and his commitment to service in his professional societies, we are sure that he has encouraged and mentored many, many more. We are pleased to honor our colleague, mentor and friend, **Alan H. Savitzky.**"

#### PRESENTATION OF THE HENRY S. FITCH AWARD

Larry then called on Al Savitzky to present the 2007 Henry S. Fitch Award.

"This year's committee consisted of Harold Voris, Brad Shaffer, and Julian Lee, Chair. None of those individuals could be here tonight, and as the previous Chair I was asked to present the award for 2007. The opportunity is both a professional and a personal pleasure, as the recipient is someone whose work I have admired for many years and whose research has informed my own in critical ways.

The Henry S. Fitch Award for Excellence in Herpetology was established to honor the accomplishments of the esteemed ecologist and natural historian Henry Fitch, whose diverse research activities over more than 60 years have included signal contributions in the fields of behavioral ecology, reproductive biology, and community ecology. Henry has had a special talent for gaining novel insights from familiar organisms, opening our eyes to complex relationships not previously appreciated. As noted in a motion passed at yesterday's ASIH business meeting, Henry continues to be active as a field biologist, scholar, and valued colleague.

This year's recipient of the Henry S. Fitch Award shares those attributes, notably the ability to gain novel insights from familiar phenomena and common taxa. Edmund D. Brodie, Jr. is a native of the Pacific Northwest, where he first trained to become secondary school teacher. Fortunately for us, he soon returned to academia to pursue graduate studies under Robert Storm of Oregon State University, a noted authority on the salamanders of that region. Butch Brodie's interests soon focused on the defensive behavior of amphibians, especially salamanders, including the use of toxic skin secretions in deterring predators. Butch combined field observations with elegant laboratory experiments to demonstrate the hidden complexities of amphibian defenses. Along the way he discovered many other behavioral novelties, including the fact that hedgehogs anoint themselves with toad toxins to enhance their defense against predators, an observation that resulted in his first publication in *Nature*. Indeed, Butch's roughly 150 peer-reviewed publications have included several in *Nature*, as well as *Science*, *Evolution*, and all three North American herpetological journals, and he has written or edited five books. In addition to his work on amphibian defensive behavior, Butch has published on subjects as diverse as food hoarding

behavior in shrews, palatability of holothurians, and the systematics of Middle American amphibians and reptiles.

Most recently, Butch has been involved in elucidating the coevolutionary interactions between highly toxic newts and the gartersnakes that prey upon them. Those studies, which have resulted in over 20 publications, constitute perhaps the most extensively documented example of a predator-prey arms race, which Butch has studied on scales ranging from the molecular to the organismal to the continental. Conducted largely in collaboration with his son, Edmund D. Brodie III, those studies also have involved many of the more than 30 master's students and eight doctoral students Butch has advised during his career. I must also acknowledge that his work on chemical defenses has inspired others, including me, to enter that field.

In addition to his research and educational contributions, Butch has rendered service as a department chair at several universities, and as President of the Herpetologists' League.

For his many contributions to our understanding of the behavior, ecology, and evolution of amphibians and reptiles, and for his extensive service to his students, colleagues, and the field of herpetology, the Committee presents the 2007 Henry S. Fitch Award for Excellence in Herpetology to **Edmund D. Brodie, Jr.**"

#### PRESENTATION OF THE ROBERT H. GIBBS, JR. AWARD

Larry then called on Ted Pietsch to come forward to present the 2007 Robert H. Gibbs, Jr. Memorial Award.

The Robert H. Gibbs Jr. Memorial Award for Excellence in Systematic Ichthyology is presented by the ASIH to a citizen of a Western Hemisphere nation for "an outstanding body of published work in systematic ichthyology." The award was established in 1988 to honor the memory of Bob Gibbs who was an active member of ASIH for over 30 years. He served four terms on the Board of Governors and was treasurer from 1967–1972. He served also on many of the Society's committees, as well as on the editorial board of *Copeia*. In 1988, he was nominated as a Distinguished Fellow, and was elected posthumously. The Gibbs Award for excellence in systematic ichthyology, made possible by a gift from his wife, Frigga, was established by the Society following Bob's untimely death in 1988, just short of his 59th birthday. The award is offered annually and consists of a plaque and a cash prize. This year's award committee consisted of David Greenfield, serving as chairperson; Carter Gilbert; and me as the most junior member of the group. Unfortunately, Carter and David couldn't be here, Carter for reasons of ill health, and David who is off with his wife Terry on a cruise in the Aegean.

This year's Gibbs award winner is a world-class leader in studies of comparative morphology and evolutionary relationships of actinopterygian fishes. In particular, her research on basal fossil and Recent teleosts has been fundamental to our understanding of the origin and early evolution of this largest group of vertebrates. Her morphological analyses are paradigms of careful description and synthesis. Combined with modern methods of phylogenetic analysis, her detailed studies have provided new insights into early teleost evolution, leading the path to a better understanding of homologies and relationships of both fossil and living groups. Along the way, she has done fundamental studies on the morphology of the actinopterygian caudal skeleton, vertebral column, and suspensorium. Although perhaps best known for her work on fossil actinopterygians and relationships of higher groups, she

has also made many substantial contributions to the systematics of catfishes, including fundamental work on the more basal members of this diverse clade. The results of her career are summarized in over 100 peer-reviewed publications, and chapters in six books she edited. She is a frequently invited national and international speaker, recently giving the plenary talk for the European Congress of Ichthyology. In addition to her many scientific contributions, she is well known for her gracious personality, good

sense of humor, and forthright nature. Everyone, please join me in congratulating **Dr. Gloria Arratia**.

Larry then called on David Green. David extended an invitation to all to come to Montreal in 2008. The banquet adjourned at 21:10 h.

Respectfully submitted,  
Maureen A. Donnelly  
ASIH Secretary