

American Society of Ichthyologists and Herpetologists

Board of Governors Meeting



Hilton Minneapolis – Symphony Ballroom I & II

Minneapolis, Minnesota

6 July 2011



Maureen A. Donnelly
Secretary
Florida International University
College of Arts & Sciences
11200 SW 8th St. - ECS 450
Miami, FL 33199
maureen.a.donnelly@gmail.com
305.348.1235

27 May 2011

The ASIH Board of Governor's is scheduled to meet on Wednesday, 6 July 2011 from 5:00 – 7:00 pm in the Hilton Minneapolis Symphony Ballroom I & II.

President Douglas plans to move blanket acceptance of all reports included in this book that cover society business for 2010 and 2011 (in part). The book includes the ballot information for the 2011 elections (Board of Governors and Annual Business Meeting).

Governors can ask to have items exempted from blanket approval. These exempted items will be acted upon individually. We will also act individually on items exempted by the Executive Committee.

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

Please contact me directly (email is best - maureen.a.donnelly@gmail.com) 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 Minneapolis on 5 July 2011 so try to contact me before that date if possible.

The Annual Business Meeting will be held on Sunday 10 July 2010 from 6:00 to 8:00 pm in Hilton Minneapolis Symphony Ballroom I & II. Please plan to attend both the BOG meeting and Annual Business Meeting.

I look forward to seeing you in Minneapolis.

Sincerely,

Maureen A. Donnelly
ASIH Secretary

ASIH BOARD OF GOVERNORS 2010

Past Presidents

Atz, J.W.	Lundberg, J.G.
Bailey, R.M.	Mayden, R.L.
Burr, M.B.	McDiarmid, R.W.
Cannatella, D.C.	Mushinsky, H.R.
Cashner, R.C.	Page, L.M.
Cohen, D.M.	Parenti, L.R.
Collette, B.B.	Pietsch, T.W.
Dessauer, H.C.	Pough, F.H.
Frost, D.R.	Rabb, G.G.
Gilbert, C.R.	Robins, C.R.
Greene, H.W.	Rosenblatt, R.H.
Greenfield, D.W.	Savage, J.M.
Gregory, P.T.	Savitzky, A.H.
Grobman, A.B.	Scott, W.B.
Highton, R.	Smith, G.R.
Hutchison, V.H.	Trueb, L.
Inger, R.F.	Wake, M.H.

Executive Committee

Donnelly, M.A.
 Douglas, M.E.
 Gregory, P.T.
 Hanken, J.
 Lundberg, J.G.
 Mushinsky, H.R.
 Neighbors, M.A.
 Schaefer, S.A.
 Schultz, E.

Elected Officers (not on EXEC)

Buth, D.G.
 Grant, T.
 Haenel, G.J.
 Kizirian, D.
 Klepadlo, C.
 Lannoo, M.J.
 Litzgus, J.
 Martin, K.
 Orr, J.W.
 Reeder, T.W.
 Reis, R.
 Smith, W.L.
 Snodgrass, J.
 Webb, J.
 Wise, S.

Class of 2010

Bart, H.L.
 Douglas, M.E.
 Glor, R.E.
 Guyer, C.
 Kuhajda, B.R.
 Nelson, J.S.
 Nicholson, K.E.
 Peterson, M.S.
 Pilgrim, M.A.
 Pramuk, J.B.

Class of 2011

Beaupre, S.J.
 Burbrink, F.T.
 Doan, T.M.
 Douglas, M.R.
 Harris, P.M.
 Lopez, J.A.
 Maglia, A.M.
 Mooi, R.D.
 Phillips, C.A.
 Walker, H.J.

Class of 2012

Beachy, C.K.
 Cole, K.S.
 Cooper, W.E.
 Grant, T.
 Johnston, C.
 Lips, K.R.
 Reis, R.E.
 Relyea, R.A.
 Wainwright, P.C.
 Westneat, M.

Class of 2013

Durtsche, R.D.
 Hilton, E.J.
 Pezold, F.
 Preest, M.R.
 Saporito, R.A.
 Sidlauskas, B.
 Stouder, D.J.
 Summers, A.
 Taylor, E.
 Valenzuela, M.N.

Class of 2014

Armbruster, J.W.
 Bauer, A.M.
 Berra, T.
 Boone, M.D.
 Chakrabarty, P.
 Crother, B.I.
 Hartel, K.E.
 Hillis, D.M.
 Mabee, P.
 Parris, M.

OFFICERS & COMMITTEES - 2010

OFFICERS

PRESIDENT - James Hanken - hanken@oeb.harvard.edu

PRESIDENT ELECT – Michael E. Douglas – med1@uark.edu

PAST PRESIDENT - John L. Lundberg - lundberg@acnatsci.org

PRIOR PAST PRESIDENT - Henry R. Mushinsky - mushinsk@chumal.cas.usf.edu

EDITOR - Scott A. Schaefer - schaefer@amnh.org

SECRETARY - Maureen A. Donnelly - maureen.a.donnelly@gmail.com

TREASURER - Margaret A. Neighbors - mneighbors@prodigy.net

AD HOC COMMITTEE ON COPEIA

Richard Mayden - cypriniformes@gmail.com (Chair)

Members: Maureen Donnelly, John Lundberg, Margaret Neighbors, Scott Schaefer

AD HOC COMMITTEE TO FORMALIZE JMIH

Henry Mushinsky - mushinsk@cas.usf.edu

Members: Brian Crother, Robert Cashner, John Lundberg

AD HOC COMMITTEE TO SURVEY SOCIETY ON USE OF FISHES IN RESEARCH:

Richard Mayden - cypriniformes@gmail.com (Chair)

Members: pending

AD HOC COMMITTEE ON SHORT PRESENTATIONS

James Hanken – hanken@oeb.harvard.edu (Chair)

Members: Bob Cashner, Kathleen Cole, Larry Page, Lynne Parenti, Adam Summers and Jackie Webb

AUDIT COMMITTEE

John Lundberg - lundberg@acnatsci.org (Chair)

Members: Henry Mushinsky

COMMITTEE ON SPECIAL PUBLICATIONS

Jon Armbruster - armbrjw@auburn.edu (Chair)

Members: Hank Bart, Jacqueline Litzgus

COMMITTEE ON GRADUATE STUDENT PARTICIPATION

Mallory Eckstut - mallory.eckstut@gmail.com (Chair)

Caleb McMahan – caleb.mcmahan@selu.edu (Chair-Elect)

Members:

Book Raffle Donation Organizer (Chair) – Malorie Hayes – malorie.hayes@selu.edu

Book Raffle On-site Coordinator – Michelle Tipton – mtipton@wesleyan.edu

Book Raffle Committee Members – Matt Igleski, Michael Webber

Travel Award Organizer – Ryan Chabarría – ryan.chabarría@gmail.com

ASIH Website & Facebook Page Coordinator – Tiffany Schriever – tiffany.schriever@utoronto.ca

Workshop Committee – Shab Mohammadi (Chair) – shab.mohammadi@gmail.com

Workshop Committee Members – Kristen Brochu, Luke Tornabene, Matt Igleski

Local Meeting Contact for 2010 – Michelle Tipton

Conservation Subcommittee – John Froeschke – John.Froeschke@tamucc.edu & Nickolas VandenBroek – Vandenbroek.nick@gmail.com

COMMITTEE FOR HONORARY FOREIGN MEMBER - HERPETOLOGY

Darrel Frost – frost@amnh.org

Members: Aaron Bauer, Adam Leache, James Parham, Jennifer Pramuk

COMMITTEE FOR HONORARY FOREIGN MEMBER - ICHTHYOLOGY

Bruce Collette – collett@si.edu (Chair)

Members: Ted Pietsch, Gerald R. Smith

CONSERVATION COMMITTEE

Frank McCormick - FMcCormick@fs.fed.us (Chair)

Members: Matt Aresco, Zach Baldwin (student member), Jonathan Baskin, Noel Burkhead, Todd Campbell, Jacque Carter, Barry Chernoff, Walt Courtenay, Anna George, David Green, Harry Greene, Pat Gregory, Gene Helfman, Karen Lips, Bill Loftus, Nick Mandrak, Joe Mitchell, Henry Mushinsky, Jack Musick, Joe Nelson, Phil Pister, George Rabb, Stephen Richter, Al Savitzky, Brad Shaffer, Gerald (Jerry) Smith, Michelle Tipton (student member), Peter Unmack, Steve Walsh, Mel Warren, Jim Williams

EDUCATION AND HUMAN RESOURCES COMMITTEE

George Middendorf - gmiddendorf@howard.edu (Chair)

Members: Mollie Cashner, Carol Johnston, John Steffen

ENDOWMENT and FINANCE COMMITTEE

Eric Schultz – eric.schultz@uconn.edu (Chair; 2007-2011)

Members: Eric Schultz (Chair-Elect 2007-2011), Larry Page (2009-2013), Steve Platania (2008-2012), David Cundall (2010-2012), Steven T. Ross (2010), Margaret Neighbors (Ex Officio), Patrick Gregory (Ex Officio)

EXECUTIVE COMMITTEE

James Hanken – cweisel@oeb.harvard.edu (Chair & President)

Members: Michael E. Douglas (President-Elect), John Lundberg (Past President), Henry R. Mushinsky (Prior Past President), Patrick Gregory (Chair of LRPP), Scott Schaefer (Editor), Eric Schultz (Chair of ENFC), Maureen Donnelly (Secretary), Margaret Neighbors (Treasurer)

HENRY S. FITCH AWARD COMMITTEE

Maureen Kearney – mkearney@nsf.gov (Chair)

Members: Whit Gibbons (2009-2011), Jonathan Losos (2010-2012)

GAIGE FUND AWARD COMMITTEE

Michelle D. Boone – boonemd@muohio.edu (Chair)

Members: Emily Taylor (2009-2011), Jeanne Robertson (2010-2012)

ICHTHYOLOGICAL AND HERPETOLOGICAL COLLECTIONS COMMITTEE

Mark Sabaj - sabaj@acnatsci.org (Chair)

Members: Barbara Brown, Paulo Buckup, Dave Catania, J. Tomas Giermakowski, Dean Hendrickson, Toby Hibbitts, Nelson Rios, Rob Robins, Mary Ann Rogers, Jessica Rosales, Gregory Schneider, 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 - hjwalker@ucsd.edu (Chair)

Newsletter Subcommittee Members: Rob Robins, Lou Van Guelpen

Supplies and Practices Subcommittee: Jessica Rosales (Chair),

Supplies and Practices Subcommittee Members: Nelson Rios, Mary Anne Rogers, Mark Sabaj Pérez, Ken Thompson, Lou Van Guelpen

ASIH Survey Subcommittee: J. Tom Giermakowski (Chair)

ASIH Survey Subcommittee Members: Nelson Rios, Christina Wolfe

JOINT ASIH-AFS COMMITTEE ON NAMES OF FISHES

Lawrence M. Page - lpage1@ufl.edu (Chair)

Members: Héctor Espinoza-Pérez, Lloyd Findley, Carter Gilbert, Robert Lea, Nicholas Mandrak, Richard L. Mayden, Joseph S. Nelson

ROBERT K. JOHNSON AWARD COMMITTEE

Margaret Neighbors - mneighbors@prodigy.net (Chair)

Members: C. Richard Tracy (2009-2011), James Orr (2010-2012)

LONG RANGE PLANNING AND POLICY COMMITTEE

Pat Gregory - viper@uvic.edu (Chair)

Members: Donald Buth, Robert Cashner, Carol Johnston, Jacqueline Litzgus, Frederick Zaidan III, Steve Ross (Ex Officio), Eric Schultz (Ex Officio)

MEETING MANAGEMENT AND PLANNING COMMITTEE

Bob Cashner - rcashner@uno.edu (Chair)

Members: Larry Allen, Joe Mendelson (SSAR), Meredith Mahoney (HL), Ed Heist (AES), Henry Mushinsky, Maureen Donnelly (Ex Officio)

NOMINATING COMMITTEE

Roger Anderson- roger.anderson@wwu.edu (Chair)

Members: Marion Preest, Stephen T. Ross, Rich Vari

PUBLICATION POLICY COMMITTEE

Scott Schaefer - schaefer@amnh.org (Chair)

Members: All Associate Editors

RANEY FUND AWARD COMMITTEE

Anna L. George - alg@tnaqua.org (Chair)

Members: Kyle R. Piller (2009-2011), Matt Craig (2010-2012)

RESOLUTIONS COMMITTEE

Karsten Hartel - hartel@oeb.harvard.edu (Chair)

Members: Heidi Banford, Aaron Bauer, Kassie Cole, Edgar Lehr, Cheryl Wilga

ROBERT H. GIBBS, JR. MEMORIAL AWARD COMMITTEE

Lara Ferry-Graham - lfgraham@mlml.calstate.edu (Chair)

Members: Scott A. Schaefer (2009-2011), Bruce B. Collette (2010-2012)

STUDENT AWARDS COMMITTEE

Michael E. Douglas – med1@uark.edu (Co-Chair)

John Steffen - jes73@psu.edu

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

WEB CONTENT AND MANAGEMENT COMMITTEE

John Lundberg- lundberg@ansp.org (Chair)

Members: Hank Bart, Mo Donnelly, Melissa Gibbs, Chris Kenaley, Andres Lopez, Margaret Neighbors, Nelson Rios, Tiffany Schriever

HISTORY OF THE SOCIETY COMMITTEE

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

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

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

REPRESENTATIVES TO OTHER SOCIETIES

AMERICAN ELASMOBRANCH SOCIETY - Ed Heist - edheist@siu.edu

AMERICAN FISHERIES SOCIETY - Mel Warren, Jr. - fswarren@olemiss.edu

AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES - Alan Savitzky - asavitzk@odu.edu

AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES: Public Policy Committee - John Lundberg - lundberg@ansp.org

EARLY LIFE HISTORY SECTION OF AMERICAN FISHERIES SOCIETY - Jacqueline Webb - jacqueline_webb@mail.uri.edu

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

SOCIETY FOR THE PRESERVATION OF NATURAL HISTORY COLLECTIONS - Andrew Bentley - abentley@ku.edu

**SOCIETY FOR STUDY OF AMPHIBIANS AND REPTILES AND HERPETOLOGISTS'
LEAGUE - Alan Savitzky - asavitzk@odu.edu**

Reports and Agenda for the 2011 Meeting of the Board of Governors of the American Society of Ichthyologists and Herpetologists

Organization and Announcements

1. Call to order - President Douglas
2. Governor 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 2010 meeting of the Board of Governors as published in *Copeia* 2010(4):741-751 (see Appendix H) - President Douglas
6. Announcement of appointment of Resolutions Committee - President Douglas
7. Announcement of Stoye and Storer Award Judges (names withheld until banquet) - President-Elect Beupre
8. Future annual meetings - Governor Robert Cashner
 - 2012 - Vancouver, British Columbia, Canada (TBA)
 - 2013 - Albuquerque, New Mexico
 - 2014 - To Be Determined, Bids Pending

Reports

Reports of Officers

9. EXEC: Summary of EXEC Meeting 6 July 2011 - *M.A. Donnelly*--
10. SECR: SECRETARY - *M.A. Donnelly* 12
11. TREA: TREASURER - *M.A. Neighbors* 15
12. EDIT: EDITOR - *S.A. Schaefer* 16
13. PPRE: Past President's Report – *J. Hanken*..... 19

Reports of Committees: Standing Committees

14. EDPC: Editorial Policy Committee - *S.A. Schaefer*20
15. ENFC: Endowment & Finance Committee *E. Schultz*..... 23

16. EXEC: Executive Committee - <i>M.A. Donnelly</i>	25
17. GFAC: Gaige Fund Award Committee – <i>E. Taylor</i>	26
18. GSPC: Committee on Graduate Student Participation – <i>M. Eckstut</i>	26
19. HSFC: Henry S. Fitch Award Committee – <i>W. Gibbons</i>	28
20. LRPP: Long Range Planning & Policy Committttee – <i>P.T. Gregory & J. Litzgus</i>	28
21. MMPC: Meetings Management Committee - <i>R.C. Cashner</i>	29
22. NOMC: Nominating Committee – <i>R. Vari</i>	30
23. RFAC: Raney Fund Award Committee – <i>K. Piller</i>	31
24. RHGC: Robert H. Gibbs, Jr. Memorial Award Committee – <i>Scott Schaefer</i>	31
25. RKJC: Robert K. Johnson Award Committee – <i>C. Richard Tracy</i>	32
26. STAC: Student Award Committee – <i>J. Armbruster</i>	32

Reports of Committees: Continuing & Recurring Committees

27. AIBS: Representative to the American Institute of Biological Sciences and BioOne - <i>A.H. Savitzky</i>	32
28. AUDC: Audit Committee – <i>J.G. Lundberg</i>	35
29. CONS: Conservation Committee - <i>F.H. McCormick</i>	35
30. HFMH: Honorary Foreign Member in Herpetology – <i>S.J. Beaupre</i>	36
31. HFMI: Honorary Foreign Member in Ichthyology – <i>B.B. Collette</i>	37
32. HSOC: Representative to the SSAR and the HL - <i>A. H. Savitzky</i>	38
33. IHCC: Ichthyological and Herpetological Collections Committee <i>M. Sabaj Pérez</i>	38
34. NFJC: Joint ASIH-AFS Committee on the Names of Fishes – <i>L.M. Page</i>	41
35. NSCAR: Representative to the Natural Science Collections Alliance - <i>L.M. Page</i>	41

36. SPUC: Special Publications Committee - *J.W. Armbruster* 42

37. WCMC: Web Content & Management Committee – *J.G. Lundberg* 43

Reports of Committees: Ad Hoc Committees

38. Ad Hoc Committee on *Copeia* – *R.L. Mayden* 44

39. Ad Hoc Committee to Formalize JMIH – *H.R. Mushinsky* 44

40. Ad Hoc Committee to Survey the Use of Fishes – *R.L. Mayden* 44

41. Ad Hoc Committee on Short Presentations – *J. Hanken* 45

42. Ad Hoc Committee on Increasing Society Interactions – *H.R. Mushinsky* 46

Appendices

43. Appendix A. ASIH Constitution (Revised 2008) 48

44. Appendix B. Treasurer’s Tables 58
 Table 1. ASIH profit & loss (accrual basis) for 2010 and 2009.
 Table 2. ASIH membership and subscription numbers for current and past years.
 Table 3. ASIH 2010 year end balance sheet.
 Table 4. ASIH accounts and their allocation to ASIH funds as of December 2010
 statements.
 Table 5. Portfolio detail of the ASIH Wells Fargo Advisors Custom Choice
 Account on 31 December 2010.

45. Appendix C. Sales of Special Publications in 2010 65

46. Appendix D. Candidate Information for 2011 elections 68

47. Appendix E. JMIH MOU 80

48. Appendix F. Officers, *Copeia* Staff, Committees, BOG 2011, 85

49. Appendix G. Curriculum Vitae for Honorary Foreign Members. 89

50. Appendix H. Summary of the Meetings 2010 106

Business Session

49. Call for blanket approval of BOFG agenda items (#47-53) and reports of officers, representatives, and committees, exempting those removed by EXEC and BOFG members for discussion
50. Discussion of reports exempted from blanket approval
51. Discussion of Old Business
52. Discussion of New Business
53. Call for BOG approval of Ballots
54. Board of Governor's Elections: Fitch Committee, Gibbs Committee, and Johnson Committee
55. Affirmation of Honorary Foreign Members: Herpetology & Ichthyology
56. Adjournment

10. SECR: Secretary - Maureen A. Donnelly

Last year was another busy for the ASIH Secretary; email is certainly no longer my friend because the siege is endless between all of my jobs (a deanlet, an advisor to graduate students, and the ASIH secretaryship). I continue to try and balance the demands of my job with that of my volunteer job, and it continues to be a challenge. I was tempted to follow Margaret's lead and give up my quest to "best" Graham Netting as the "longest serving ASIH Secretary," but I remain committed through 2015 unless asked to step down. We definitely need to partition the "meeting coordination" off of the Secretary's job description, and we need to relieve the web duties from the Secretary. I know that this is in the works, but it will be exceedingly difficult to find a replacement secretary until those duties are cleaved. I have drafted a job description for a JMIIH program officer and will circulate that to the Meetings Management and Planning Committee this summer. Past President Lundberg has been working on a web redesign. My new student assistant is working out well but the sad news is she will graduate in December and once again the search will be on for a replacement. We have moved to a system whereby we provide letters in electronic (PDF) format and if anyone requests a paper letter, we provide one.

The 2010 service year for ASIH started off on a difficult pace when Joe Nelson informed us he would be unable to assume the Presidency because of his health. Past President Hanken and I consulted the constitution and followed it by contacting Michael Douglas (who got the second highest vote total) and asking him to stand for office. Fortunately for us, Mike agreed and started his term as President-Elect in 2010. On behalf of the entire Executive Committee, exclusive of Treasurer Neighbors who served as the 2010 chair of the Robert K. Johnson Committee, I nominated Joe for the 2010 Robert K. Johnson award that he received in the Spring of 2010. Margaret gave her presentation speech in Providence and shared photos of Joe with his plaque during the 2010 plenary session. Fortunately Joe's health has improved markedly and we hope to see him in Minneapolis.

In addition to handling the email, I also handled mail correspondence and other requests for information. We still some "snail mail," typically from former secretaries during the year. Many letters are requests for paper copies of our Career pamphlets that are no longer available in paper format. I refer most requests for information to the newly formed Education and Human Resources Committee, but if requests are simple, I answered them in 2010. Demand for information continues to be rare, most requests for information are associated with homework assignments or people with sick pets. The ASIH is listed in several hobbyist books, and people with sick pets will try any source for information about their animals. I try to refer people to appropriate husbandry websites or to their veterinarians.

The meeting is a focal point of ASIH activities and most of the email activity was associated with meeting logistics in 2010 and planning for the 2011 meeting. In response to a request from the Governors to figure out how to cut meeting costs, I designed a four-day meeting that was accepted by the Meetings Management and Planning Committee and endorsed by the Executive Committee. Each year I work with all submitters that have problems working with the system, and I work with Oxford Abstracts to get the system up and running. This means getting the meeting logo in specifications that work on the Oxford site, changing symposium lists, student paper competition lists, notifying email messages, and other information. While we were open on time, the number of abstract submissions for the Providence meeting was lower than we had hoped for, and we continued to extend the abstract submission deadline to try and boost our numbers. The planning meeting occurred in March in 2010 and this necessitated a rapid push to

edit the submissions so that the book could be submitted to K-State by their deadline. Once the abstracts are accepted and coded in the Oxford system, Oxford can prepare a download that I use to prepare the abstract book. I work with Kansas State Conference Services to get the schedule of talks ready to post, I send lists of potential judges to the two herpetological societies and to our STAC chairs, I check membership status for all Stoye & Storer competitors. I prepare judging packets for all judges and attend the judges meeting each year. Treasurer Neighbors, President Hanken and I convened before the annual banquet to finalize the Stoye and Storer prizes (create and sign the certificates, write and sign the checks).

The chair of the 2010 Henry S. Fitch Award Committee, Maureen Kearney, was unable to attend and I presented the Fitch Award for him to Thomas Schoener during the plenary session in Providence. I was delighted to present Tom with the Fitch Award during the plenary session because so much of my early experimental work was influenced by his studies of tropical systems. Tom's acceptance speech was memorable.

Once the deliberations of the Gaige and Raney committees were completed in 2010, I created the certificates for presentation during the Annual Business Meeting. I mailed the unclaimed certificates out after the meeting.

I work with representatives from Allen Press (Christy Classi, Liza Carter, and AnnieLaurie Seibert) during the year to fill press runs, order renewals, label carriers, changes to the executive list server and regular announcement list, claims for lost issues, and mailers, and approval rentals of the membership lists. We discovered that there really is not capacity at Allen Press to maintain a list server so I created one for the Executive Committee and the ASIH Board of Governors. We moved to a new email blast system as Allen Press changed its platform and we used the new system to sent blasts concerning the 2010 meeting, Joe Nelson's health situation, the Collections Survey, Student Travel Awards, Teaching in Herpetology Award, Renewal protocols, help for a Peruvian museum, and extensions of abstract deadlines.

During the Providence, RI meeting, AnnieLaurie Seibert provided details concerning our inventory costs and we voted to hold a fire sale to make these materials available for shipping costs prior to recycling them. We wrote an announcement and posted it on the web. Christy Classi of Allen Press helped up figure out how to conduct the fire sale.

Lance Grande's Gar book (ASIH Special Publication No. 6) went through its completion process in 2010. We figured out how to distribute it and market it and this summer (in July or August) we will allow members to buy a second copy. We will also charge non-members a much higher price for the volume. Getting all of the pieces in place required efforts by several persons in ASIH and at Allen Press. The EXEC voted to make the publication available online through JSTOR in 2013 per terms of our JSTOR agreement.

While I thought that we were finished with our attempt to move from Douglas County bank to US Bank, we got hit again with requests for the State of Incorporation. We finally completed that task in 2010 and our accounts are now with US Bank.

I work regularly with all officers and worked extensively with President Hanken all year on a variety of issues including future meeting sites, signing the JMIH MOU with our sister societies. I worked with President Hanken to assign committees and he completed this task on 29 December 2010. It was a pleasure to work with Jim during 2010.

We lost honorary foreign members in 2010 and President Hanken quickly established committees to find new nominees for these awards.

I received four requests for a PDF of an article published in *Copeia*. Because these requests typically come from students from foreign countries, I comply and send the PDF. We

received several requests to release copyright and almost all of these were granted. Insofar as we understand the law, it is a violation of copyright law to post PDFs of articles. It is not a violation of copyright to distribute upon request, PDFs of those articles, but it does violate copyright to make these articles freely available for downloading. We honor all requests to use figures and photographs. There is recent concern that some of the images being published in our journal *Copeia* are not being given copyright release or that the ASIH is not being acknowledged in the use of these materials. This issue was discussed by the Executive Committee during our 2010 meeting and the Editor and Figure Editor will continue to monitor the situation.

We still do not have a webmaster so I do the best I can to post changes to information and Nelson posts documents I ask him to post. As the secretary, I participated on the Web Content and Management Committee during 2010 because the ASIH needs a dedicated webmaster to be responsible for our electronic connection to those in cyberspace. Andres Lopez took over the posting of jobs to the ASIH website after the 2010 meeting and I forward all job posting requests to him. His help here is appreciated, but the website still suffers from lack of a person to oversee it and its many functionalities.

I sent out email messages concerning the 2010 election results after the Providence meeting. I contact all those that agreed to stand in nomination and thank them for their willingness to run. The ASIH operates on the efforts of the many that volunteer for service, and we are grateful to the membership for its support of our activities. If anyone is interested in serving the society, please contact President Douglas, President-Elect Steve Beaupre or any member of the Executive Committee.

The BOG responded quickly to my request for endorsement of the Conflict of Interest Policy in 2010 and for acknowledgement of receipt of the 990 forms required by the Federal Government.

I attended the Meetings Planning Meeting in Providence. We visited sites associated with the meeting and we prepared the scientific schedule. 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 with President-Elect Douglas, the 2010 STAC Chair John Steffen, and the ASIH judges during the 2010 meeting.

Once I turn the schedule into Kansas State University Conference Services, KSU personnel make all schedule changes. I turned the schedule over to Kansas State University on 1 April 2010. In 2010 I hired Marty Crump to compile the abstract book for K-State. My job is too demanding and I cannot give the book the attention it needs. The arrangement worked so well in 2010 we repeated it this year. I got the abstract book download on 20 April 2011 and Marty delivered it to Heide Burke on 30 April 2010. Having Kansas State work with the schedule allows me to focus my attention to preparation of the meeting materials. 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 out personalized letters of invitation to those meeting participants that requested them for 2010. These personalized invitation letters are PDF files that are sent directly to the requester; the letter can be downloaded and given to embassy officials. The invitation letter allows foreign members an opportunity to begin the visa process months before the meeting. In 2010, the schedule and

abstract book are posted on the KSU meeting website and the ASIH website links to KSU. We will post all materials to our website following the meeting as an archive.

I was the conduit for information that passed from the Executive Committee to the Board of Governors. I circulated motions to each body, tallied votes electronically, and reported results. Arnold Grobman, a past President of ASIH did not understand the difference between the e-Copeia and a subscription that included paper and was upset that he missed three years of the journal. I took advantage of the fire sale, purchased the missing years and had them sent to him in Gainesville. Former Governor Anne Maglia left her University position for a permanent job at the NSF so we had to replace her slot on the BOG with a replacement member in 2010. I worked with Mark Sabaj and others to get an updated version of the codon list for the society. Mark has been a very active chair of the Collections Committee. The Governors are very responsive to the call for votes and requests to approve forms. The responses to my requests for approval on the Conflict of Interest form and 990 forms was quickly met and I appreciate the attention to detail shown by so many of you. In 2010, the BOG voted in favor of two issues electronically: acceptance of the MOU to formalize JMIH and meeting in New Mexico in 2013.

Respectfully submitted,

Maureen A. Donnelly

11. TREA: Treasurer - M.A. Neighbors

This report is based on account statements, QuickBooks (accrual) and Quicken (cash) reports, and supporting materials being audited by Richard D. Garman and Associates, Certified Public Accountants, Huntington Beach, California, for 2010. The 2010 audit report will be posted on the ASIH web site once it is available.

In profit and loss reports, ASIH income and expenses for a given year 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. Income again exceeded expenses in 2010, with or without the inclusion of unrealized gains (Table 1). The addition of more donation options to the dues invoice has continued to result in donations to most of the award funds. In 2010, the four sponsoring JMIH societies divided the \$8,466 net JMIH income based on their numbers of participating members; ASIH received \$6,753. ASIH acts as the central bank for the JMIH by paying JMIH invoices, receiving income generated by the meeting, and invoicing or paying the three other JMIH sponsoring societies as necessary once all income and costs are finalized by KSU. Membership and subscription numbers continued to decline in 2010, but the revenue lost was again at least partially replaced by substantial BioOne and JSTOR royalties (Table 2). Sales of Special Publication #6 for the cost of postage began in 2010.

The Douglas County Bank Account, which received ASIH income handled by Allen Management, has now been replaced by an account at US Bank. On the ASIH balance sheet (Table 3), the Wells Fargo Advisors Command Asset Performance Account is split between two lines, with outstanding checks at the end of the year listed under "Current Assets." The value of the investments held in the professionally managed WFA Custom Choice Account increased as the stock market continued to improve in 2010 and is responsible at least in part for the increase in total asset value at the end of 2010 (\$1,386,274) over that of 2009 (\$1,242,208).

ASIH funds were held in three accounts that totaled \$1,334,188 on the December 2010 statements (Table 4). Investments in both equity (81%) and fixed income/money market (19%) mutual funds held in the WFA Custom Choice Account were worth \$655,096 (Table 5). The net time-weighted return (“Each return period is given an equal weighting, regardless of the portfolio value.”) of the Custom Choice Account portfolio since 1 May 2009, was 24.54% after deduction of fees (31 Dec. 2010 WFA Performance Review). For comparison, a blend of three indices, including the S&P 500 Index, increased 24.08% during that time period.

ASIH remains in excellent financial condition. The current cash available is sufficient to cover expected expenses for the coming year.

Respectfully submitted,
Margaret A. Neighbors, Treasurer

(See Appendix B)
Treasurer’s Table 1.
Treasurer’s Table 2.
Treasurer’s Table 3.
Treasurer’s Table 4.
Treasurer’s Table 5.

12. EDIT: Editor - S.A. Schaefer

The new *Copeia* online journal (<http://www.asihcopeiaonline.org>) went live in April 2010. Among the key advantages and new offerings, the new online version offers authors the option of including color illustrations at much reduced costs (~\$35 ea., reduced from \$300 in paper journal) in the online version of their papers when electing to publish those figures in grayscale in the paper version. Details about costs and the amount of ASIH subsidy to members were provided in the 2009 report. No authors of papers published in 2010 have taken this option, although several authors of papers now in press or in revision have expressed their intentions to do so. There is a widely held view, discussed briefly at the 2010 BOG meeting, that publication of color in electronic journals is without cost to publishers, and therefore that online color should be offered free to ASIH members. This view is incorrect and is based on the mistaken presumption that no adjustments, corrections, or other processing steps are applied to submitted files prior to production. All such processing involves real costs to the publisher, are higher for color than for gray scale images, and are passed on to ASIH in the current pay-for-services business model under which *Copeia* is currently published. Less than 10% of submitted graphics files arrive suitable for publication, despite ample instructions and forewarnings from the editorial office. ASIH continues to provide members with an approximate 50% subsidy on the costs of color publication. Considerable cost savings to ASIH in this regard are provided by the *Copeia* Figure Editor, who works with the authors, the Editor, and Allen Press to anticipate and correct problems with graphics before they arrive at the Press. However, considerable time is wasted in the review process on return of manuscripts solely for correction of graphics.

A proposal to co-publish *Copeia* was received from Allen Press in 2010 and is now under consideration by EXEC. Among the highlights of the proposal, Allen Press would be responsible for all direct costs associated with producing *Copeia*, would assume responsibility for all institutional subscription sales, including renewals and orders for back issues, and would market

the journal to enhance distribution of the scientific content to the widest possible audience. Allen Press would also provide an experienced managing editor and copyeditor for *Copeia*, which would allow the Editor to concentrate on the science, the review process, and quality of published content. ASIH would pay a per-member fee and would continue to be billed for comprehensive membership services. Authors would continue to be billed for page and color charges under this proposal.

Appearing in *Copeia* for the first time in 2010 was a full-page listing of the living honorary foreign members of the society. This listing will continue to appear, with updates as necessary, in the first issue. Long time readers of *Copeia* may recall that foreign members had been listed on the inside front cover of *Copeia* many years ago, but the practice was discontinued, presumably for lack of space.

Solicitation of manuscripts offering noteworthy commentary on topics of general interest to *Copeia* readers was initiated in 2010 and resulted in the publication in the first issue of three papers over 12 pages. Since publication, one follow-up manuscript was received from an author of an initial comment piece. Despite verbal expressions of interest from several prominent authors, no new comment manuscripts have been submitted. Given the apparent lack of interest in this direction, I consider this experiment a failure and have declined to publish the follow-up piece. The comments manuscript category will be retained and I will continue to consider manuscripts that offer discussion on points of general interest.

Changes to the editorial staff during 2010 involved replacement of AEs for Ecology & Ethology (J. Schaefer for G. Haenel), Development and Morphology (T. Grande for J. Webb). Sharon Wise resigned the associate editorship for Ecology & Ethology; however, because of shortage of manuscript submissions, no replacement is anticipated at this time. Robert Espinoza replaced Taran Grant as Book Review Editor for Herpetology.

During 2010, 775 pages of *Copeia* were published over four issues: 26 February (188 p.), 20 May (164 p.), 21 September (180 p.), 17 December (248 p.). These figures represent a non-intentional decrease of 9.5% from the total number of pages published in 2009 and reflects a decrease in the number of papers submitted. There is no backlog of papers awaiting publication at this writing.

The fewer number of new manuscripts submitted in 2010 continues a long-term (7+ yr.) trend in declining submissions. In my opinion, this trend may be explained either as (1) loss of submits due to competition from other journals, or (2) general dissatisfaction with *Copeia* as an outlet for scholarly work, although both explanations may be inter-related. In fact, in recent years we routinely see several high-profile papers authored by prominent ASIH members (and former society officers) appropriate and desirable for *Copeia* appear in competitor journals. If there is any general dissatisfaction with *Copeia*, my sense is that it derives from some combination of (1) the length of the review period, (2) scope & depth of reviewer criticism and basis for decisions, (3) costs of color reproduction, (4) the inherent delay to print of accepted papers arising from the quarterly nature of the journal. Steps have been taken to address all of these issues, except for the quarterly nature of the publication. Specifically, over the past four years, *Copeia* has benefitted from steady declines in the length of the review period, averaging 75 days to initial decision. *Copeia* continues to strive for excellence in published research and no change to the rigor of the review process is warranted or desired. *Copeia* is disadvantaged by the cost of color reproduction; however, unless there is some decision to greatly increase the amount of subsidy provided to authors, I foresee little opportunity to address this problem with regard to the print journal, beyond radical change to the ASIH business model or frequency (and increased cost) of

production. Such change may be advisable and/or inevitable. It is vitally important that ASIH undertake a long-term planning process that examines the strategic position of *Copeia* relative to current trends, technologies, and future directions in scholarly publishing.

The four issues for 2010 included 74 research papers (687 p. or 88.7% of the volume). The remaining 88 pages (11%) was distributed as follows: three comments (12 p.), seven book reviews (11 p.), one obituary (5 p.), one historical perspective (7 p.), editorial notes and news (5 p.), notice to authors (3 p.), summary of the 2009 annual meetings (10 p.), three award announcements (3 p.), one listing of honorary foreign members (1 p.), subject, taxonomic, and author indices (26 p.), and five pages of back matter comprising societal advertisements not counted in the total pagination for the volume.

Of the research papers published, 37 (50%) were ichthyological and 37 (50%) were herpetological. Compared to 2009 (43% ich; 54% herp), the proportion of published papers by discipline for 2010 reflects disciplinary balance. Despite the solicitation, no manuscripts were received from the 2009 ASIH major award recipients for consideration as the leading articles for 2010.

There were 328 new or revised submissions in 2010. Of these, 186 were new manuscripts, representing a 14% decrease from 2008 (216). A total of 118 submissions (63%) originated from the United States and 68 (37%) were of international origin. International contributions were distributed as follows: Argentina 3 (1.6%), Australia 6 (3.2%), Brazil 25 (13.4%), Canada 7 (3.8%), Chile 1 (0.5%), China 6 (3.2%), Denmark 1 (0.5%), France 2 (1%), Greece 1 (0.5%), India 1 (0.5%), Iran 3 (1.6%), Italy 1 (0.5%), Japan 7 (3.8%), Mexico 5 (2.7%), Madagascar 1 (0.5%), Puerto Rico 1 (0.5%), Panama 1 (0.5%), Spain 4 (2.2%), Taiwan 3 (1.6%), Uruguay 1 (0.5%).

An average of 14.5 submissions was received per month. May (18 new) was the most active period, while June (9 new) was the slowest month. A total of 19 submissions (10%) were rejected without review and typically reflected manuscripts deemed out-of-scope for *Copeia* or a joint decision as unsuitable by the Editor and AE. The remaining 160 submissions were processed; of these, 77 (48%) achieved a decision by the end of the year.

For comparative purposes, performance statistics for 2010 are followed by values for 2009 in brackets. Performance numbers were similar to that for 2009 and reflect no inherent workload problem. The average time from submittal to AE assignment was 14 [11] 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 AE. Average time from submittal to securing of first reviewer was 18 [15] days, with an additional 6 [8] days to secure all reviewers. Once the final review was received, the AEs required an average of 11 [7] days to submit their recommendation to the Editor. Editorial decisions required on average an additional 13 [7] days. In total, all submissions required an average of 82 [72] days to initial decision (i.e., accept, reject, or further revision) and 119 [114] days to final disposition (accept or reject only).

Section editor workload and average review duration were as follows: D. Buth (17 new, 51 days), G. Haenel (5 new, 31 days), D. Kizirian (11 new, 58 days), M. Lannoo (14 new, 52 days), J. Litzgus (5 new, 61 days), K. Martin (11 new, 61 days), T. Reeder (3 new, 95 days), R. Reis (12 new, 65 days), J. Schaefer (7 new, 58 days), L. Smith (14 new, 109 days), J. Snodgrass (11 new, 91 days), S. Wise (5 new, 232 days). Of those papers (187) receiving a final decision (accept or reject) in 2010, 100 papers (53%) were accepted and 84 were rejected (45%); 3 papers were withdrawn by the author. The 142 revisions received in 2010 (43% of total manuscripts processed) were distributed among AEs as follows: D. Buth (19 revisions, 8 days), C. Ferraris (8

revisions, 25 days), G. Haenel (6 revisions, 20 days), D. Kizirian (2 revisions, 38 days), M. Lannoo (9 revisions, 8 days), J. Litzgus (3 revisions, 42 days), K. Martin (6 revisions, 43 days), T. Reeder (5 revisions, 79 days), R. Reis (9 revisions, 22 days), E. Schultz (2 revisions, 25 days), L. Smith (9 revisions, 33 days), J. Snodgrass (6 revisions, 64 days), J. Webb (2 revisions, 19 days), S. Wise (12 revisions, 90 days).

A total of 486 review requests were solicited from 441 persons in 2010. Of these, 112 (23%) were declined and 16 (3.3%) did not respond, for a total effective request rejection rate of 26%. Of those reviewers that did return a review (289 total), the average length of time taken was 28.7 days, with the most rapid return of 1 day and the longest return of 132 days. Less than half of all reviews (142, 49%) were returned within one month, while more than one third of all reviewers (109, 38%) required more than 30 days to submit the review. Of these, 20 (7%) 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 65 (D. Buth 36, C. Ferraris 8, R. Reis 21), General Herpetology 46 (D. Kizirian 13, M. Lannoo 23, T. Reeder 10), Ecology and Ethology 58 (G. Haenel 11, J. Litzgus 10, J. Snodgrass 17, S. Wise 20), Genetics, Development and Morphology 29 (T. Grande 2, L. Smith 23, J. Webb 4), Physiology and Physiological Ecology 20 (E. Schultz 3, K. Martin 17). For manuscripts reaching a final decision in 2010, rejection rates by SE were as follows: D. Buth 27%, G. Haenel 57%, D. Kizirian 20%, M. Lannoo 70%, K. Martin 60%, R. Reis 20%, J. Snodgrass 67%, and S. Wise 25%. Those current AEs not listed had no manuscripts reaching final decision in 2010.

Printing costs to publish *Copeia* in 2010 totaled \$81,806.80 (#1: \$19,153.06, #2: \$20,345.17, #3: \$17,986.53, #4: \$24,322.04). This amount is 18.6% less than the cost of publishing the 2009 volume (\$100,457) and reflects fewer published research papers. The breakdown of printing costs by category is as follows: composition, prepress text, revisions: \$25,979.53; prepress graphics \$9,070.98; front cover graphics \$2,080.85; press production \$13,944.06; binding \$2,723.20; mailing \$13,595.17; paper \$14,263.01. All expense categories vary between issues as a direct function of the amount of content and extent of revisions. Costs for use of Alltrack and email solicitation, and revenue from authors for page charges and color reproduction are not reflected in these figures.

13. PPRE: Past President's Report – James Hanken

I completed the second half of my one-year term as ASIH President in summer and fall 2010. Even though most of the Society's business is concentrated in the first half of each calendar year, and especially in the months leading up to the annual meeting, I can report several notable accomplishments achieved during and after last summer's JMIH that helped bring the year to a successful close. Foremost among these was the very successful and well-attended JMIH, which convened in Providence, Rhode Island. Despite sweltering July temperatures, everyone kept his or her cool and benefited from a very well organized and exciting meeting. Especial thanks go to Jackie Webb and the many members of her local committee, as well as to Heide Burke and the K-State Division of Continuing Education, which managed meeting logistics. Secondly, we enjoyed the release of a revised and updated list of institutional acronyms (aka, Standard Symbolic Codes for Institutional Resource Collections in Herpetology & Ichthyology). The entire process was overseen by Mark Sabaj Perez, chair of the Ichthyological and Herpetological Collections Committee, which built on the excellent earlier

versions of the list. Thirdly, John Lundberg, chair of the Web Content and Management Committee, led a thorough review of the Society's website needs and management structure. This activity yielded a realistic plan for a comprehensive redesign of the site and overhaul of its management, which are in process at this time. Finally, in one of my last acts as President, I was able to complete the annual appointment or reappointment of members and chairs of nearly all of the Society's many committees. This was possible only because of the willingness of many, many members to volunteer to help achieve the Society's ambitious agenda of professional and public service, and I thank all involved for making my job doable.

Two notable activities initiated in 2010 are being pursued in 2011: Search for a new editor of *Copeia*. In fall 2010, current editor Scott Schaefer announced his intention to resign from that post, which he has managed successfully for several years. Scott has taken on additional administrative responsibilities at the American Museum of Natural History, which make it difficult for him to commit sufficient time and effort as *Copeia* editor on an ongoing basis. ASIH President Mike Douglas agreed to head a search committee to recruit a deserving replacement for Scott, and the committee is actively engaged in the search at this time.

An intersocietal committee was proposed by Hal Heatwole, president of the Herpetologists' League, the goal of which would be to seek ways of achieving expanded collaboration among ASIH, AES, HL and SSAR. The committee's specific charge would be "to investigate ways of improving present collaborations, seek new avenues of cooperation, and make recommendations as to the implementation of these initiatives." Both outgoing President Hanken and incoming President Douglas enthusiastically endorsed this request on behalf of ASIH, and we look forward to a report of the committee's deliberations and ultimate recommendations.

Having transitioned from ASIH President to Past President on New Year's Day, 2011, I immediately began leading the life of quiet contemplation, while also enjoying my lucrative past presidential pension.

Respectfully submitted,

James Hanken
Museum of Comparative Zoology

14. EDPC: Editorial Policy Committee - Scott A. Schaefer

Editorial Policy Committee (EPC) Meeting (7 July 2010; 2:00 pm)

Present: Scott Schaefer (Editor), Katie Smith (Production Editor), Don Buth (CI), Prosanta Chakrabarty (book review editor, ichthyology), Michael Douglas (ASIH President-Elect), Greg Haenel (CE), Cindy Klepadlo (subject index), J. Litzgus (CE), Karen Martin (CP), Jay Orr (taxon index), Roberto Reis (CI), Jake Schaefer (CE), W. Leo Smith (CG), Jacqueline Webb (CG), Sharon Wise (CE).

By invitation: Annielaurie Seifert (Allen Press)

Excused: T. Grant (book review editor, herpetology), D. Kizirian (CH), M. Lannoo (CH), 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 AEs were acknowledged for their dedication to the journal and their outstanding performance during 2009.

CHANGES TO ONLINE JOURNAL AND NEW FEATURES

Editor Schaefer re-announced the completion of the new *Copeia* online version previously announced in *Copeia* and on the ASIH website. J. Webb stated that a one-page flyer was being prepared that is intended to advertise the new features. These include automatic announcements of content, options to save favorites, personal preferences, announcements and banners, etc. Appearance of papers is outstanding, table of contents well laid out, very professional. Figure and table layout includes thumbnails in the html version with pop-up functionality similar to that seen in other online journals.

Discussion then focused on mechanisms intended to increase color content and, thereby, author interest. The cost of color reproduction is challenging for many authors. Authors may submit in color and choose online color and grayscale in print. There will be associated costs, but ASIH will subsidize ~50% of the costs, and more for students (including first color image for free). Costs and policy are subject to modification as may be deemed necessary. The hope is that increase in color content will result. It is recognized that this move is also accompanied by the creation of two journal versions: print and online. Color online still must be appropriate and pass figure editor quality control. Editor Schaefer has already announced this in print and online. AEs are asked to evaluate the basis for color reproduction in *Copeia* papers published online under the same criteria as for print publication. This will become a routine aspect of the handling of manuscripts.

Discussion then proceeded to the topic of archival of supplemental information associated with published papers. Databases can be permanently associated with the online publication and archived by AP. This has distinct advantages over offsite, third-party storage. As long as *Copeia* is associated with AP, we will have rights and control over it. PDF reprints purchased by authors through EZreprint will be of print version only. PDFs may be generated from the online version.

Regarding the potential for nomenclatural problems associated with different versions, the print (paper) journal will remain the publication of record and will appear in advance of the online version, so as to avoid publication date ambiguity. Appearance of papers in the online version in advance of print (“early view”) was discussed as an attractive feature to a point, but probably not for taxonomic descriptions at least. The online journal will mirror the paper version in all respects and will involve the same policies for page charges to non-members.

PRODUCTION TOPICS AT ALLEN PRESS

Annielaurie Seifert then was given the floor to speak to press matters and take questions. She invited all to visit AP and take a tour. She reminded the group that she has 35 years of experience in journal publication and provided an overview of the process. Topics discussed included manuscript check-in, paperless workflow, typesetting, proofs, PDF posted to ftp. Proofs, computer plates, printing, binding, mail. AP requires three weeks from finalizing the

issue to mail date. There need be no strict date for online publication, although some journals have specific policy in that regard.

Editor Schaefer provided details on the procedure involved in proof color corrections as the basis for requesting that authors provide a color print of their work. When we get color figure requests, we ask for color match print because of issues with monitor color calibration. The print provides a mechanism for instructing AP to meet specs, so as to avoid misunderstanding. Editors then discussed the problem of color calibration and author requests for changes, which carry substantive charges that are best avoided pre-production. Editors shared with A. Seifert some recent quality-control problems, including the arrival of *Copeia* issues showing poor binding and offset errors. A. Seifert reminded the group that AP will replace defective copies upon request.

COPYRIGHT

Editor Schaefer reminded the group that ASIH holds copyright to paper published in *Copeia*. This policy is clearly specified in Instructions to Authors and in acceptance emails received from the editorial office. In the past, *Copeia* required authors to sign copyright agreement in advance of production. This practice was discontinued in 2005 in lieu of clear and prominent statements in the instructions to authors (print and online) regarding copyright and procedures for requesting waiver for use of copyrighted material in subsequent scholarly work. Recent problems of copyright misuse have come to light and were discussed. The consensus view is that if rules are laid out, there should be no problem. However, in the case of known infringement, the *Copeia* Editor is authorized by ASIH to send cease and desist notification on ASIH letterhead. We can only enforce after the fact, just like with non-payment of charges. ASIH policy does not permit authors to maintain separate copyright to any portion of the publication; however, in cases where authors wish to use copyrighted materials of others, we require that a signed copyright release agreement form is submitted prior to production.

ACCESS TO ORIGINAL DATA

Editors then moved to discussion of reviewer access to original data. This issue is most relevant to sequence data and veracity of its analysis. As a point of reference, *Copeia* requires authors of phylogenetic papers based on morphological data to provide the morphological character matrix, but we do not require the analogous matrix for nucleotide sequence data prior to publication. In that absence, perceived or suspected problems cannot be judged during the review process. Other journals are asking authors to provide the data, although numerous problems are envisioned, including the potential for abuse on the part of reviewers. In the rare and extreme case where fraud is suspected, this touches upon scientific integrity and potentially impacts the legitimacy of the journal. After extended discussion, the emerging view was that such instances are extremely rare and do not rise to a level where change in journal policy is warranted or necessary.

COMMENT AND REVIEW PAPERS

Editor Schaefer then moved to discussion of the publication of commentaries in the next issue as a means of spawning increased attention, debate, and interest. Editors welcomed the idea

of publishing review papers. Editor Schaefer asked for recommendations and ideas to move forward.

GENERAL EDITORIAL ISSUES

Editor Schaefer brought up the subject of improper abstract composition in many *Copeia* submissions and the steps taken to deal with that. There are multiple duplicate and outdated/incorrect accounts in the Allentrack user database. and asked editors to help control the growing problem. Editor Schaefer reminded editors to bring all errors and discrepancies to his attention. Subsequent to the 2009 meetings, AP provided a new feature for checking duplicate user accounts at ms submission. This feature is working well. The subject of citing taxonomic authorship was discussed. Editor Schaefer explained the current policy that authorship be cited only in cases of nomenclatural ambiguity and not for the mere appearance of scholarship. Editors discussed the pros/cons of these citations and the more general tendency at other journals to require/encourage authors to cite papers published in that particular journal. The matter of historical perspectives was discussed, with focus on procedures, origin of manuscripts, responsibility of the society historians, general perception of the efforts by the membership.

After requesting additional new business, but hearing none, Editor Schaefer called for adjournment at approx. 4:30 pm and thanked all for their dedicated service to the journal.

15. ENFC: Endowment and Finance Committee - Eric Schultz

Annual Meeting

The Joint Annual Meeting of ENFC and LRPP (Thursday, July 7, 2010, Providence RI) was called to order at 12:20. David Cundall, Patrick Gregory, Margaret Neighbors, Larry Page, and Eric Schultz attended the meeting. Steve Platania was not able to attend and sent his regrets.

Society finances

Treasurer Margaret Neighbors presented an overview of ASIH finances. ASIH remains in a good financial position thanks to reasonable past increases in dues and sources of publication revenue that are helping to offset decreasing membership numbers. Additional information for the Treasurer's report is provided in the BOG minutes for 2010.

State of the endowment portfolio

Chair Schultz reviewed the investment objectives and allocations of the Wells Fargo Custom Choice account. The purpose of our endowment is to provide moderate growth for our award funds. The last decade has been a poor one for endowments in general. We agreed that the portfolio is well managed. The chair will continue to regularly review investments with our advisors.

Dues and subscriptions

The EXEC has charged the ENFC with a review of dues policy and membership categories. The committee considered issues that should be included in this review, including the spread between online and print subscription rates, whether there should be additional rates such as emeritus and postdoctoral rates, and whether a regular and gradual dues increase would be preferable to occasional saltatory increases. Chair will undertake an examination of dues and subscription practices in other societies.

Donations

Donations have increased as a result of incorporating a checkbox in dues statements. Efforts to incorporate testimonials from Gaige and Raney Award recipients as a means of encouraging donations have not been realized. Discussion focused on other approaches to stimulate donations.

ENFC Membership

The ENFC needs a new member and chair-elect. Cundall has agreed to be Chair-Elect. Chair will make an announcement and ask for additional members at the Business Meeting. [Subsequent to that announcement, the following ASIH members volunteered to join the ENFC: Bruce Collette, Frank Pezold and Mike Retzer]. The meeting was adjourned at 1:55.

Activities Subsequent to the Annual Meeting

Society finances

In April 2011, Treasurer Neighbors submitted society financial information to the auditor. Total income was \$ 451,461 and total expense was \$ 312,911, for a net income of \$ 138,550.

State of the endowment portfolio

From May 2009 to end of March 2011, the portfolio has appreciated nearly 23%.

Composition of ENFC

The current membership of ENFC and terms of office are as follows:

Eric Schultz	term on committee 2007 through 2011; Chair January 1, 2010 through December 31, 2011
Steve Platania	term on committee 2008 through 2012
Larry Page	term on committee 2009 through 2013
David Cundall	term on committee 2010 through 2014

The terms for new members Collette, Pezold and Retzer have not been determined.

Submitted by Eric Schultz

16. EXEC: Executive Committee - Maureen A. Donnelly

The Executive Committee (EXEC) was led by President James Hanken during 2010. Richard Mayden rotated off EXEC after four years of service and Mike Douglas joined us as President-Elect. During the early part of the year, EXEC members worked together to find a solution to the issues associated with Joe Nelson stepping down as President Elect. We also discussed the issued of senior accompanying persons again. The society has always allowed spouses of members to attend certain papers, but the K-State staff is insufficient for policing the meeting to ensure that the participants have paid. We became aware early in the year that some members boasted about “sneaking” into the meeting for a couple of days and while we are certain that some abuses of the system occur. What concerned EXEC was two-career couples could also argue that only one person should pay for the meeting. We feel that our current policies allow spouses to attend paper sessions and we wish to hold to those policies moving forward. We discussed the “greening” of our operations and decided to send PDF letters of gratitude out to those who serve the society. We send paper copies upon request. The members of EXEC entertained a request from the Graduate Student Participation Committee concerning their allocation of funds. We discussed their question and advised them to make a decision that best serves the graduate students and advise us as to how they wish to spend their funds. The EXEC discussed the press runs at Allen Press and decided to minimize the overage to avoid costly warehouse storage costs. On the behalf of all members of EXEC (except Treasurer Neighbors), I nominated Joe Nelson for a Robert K. Johnson award. In even years the award goes to an ichthyologist and we took the opportunity to formally recognize all that Joe has done for the ASIH and ichthyological community at large. The Johnson committee awarded the prize in 2010 to Joe Nelson and the plaque was delivered to him in Edmonton.

We were asked to support publication of a book on Walleye and Sauger and while we found the proposal to be meritorious, we agreed unanimously that we only provide funds for ASIH publications. Special Publication Number 6 shipped in 2010. Members were allowed to purchase a copy for the price of shipping and handling. The book will be put on sale this summer. Our agreement with JSTOR requires that all materials published by ASIH appear on the site and we voted to move the product to the JSTOR archives in three years (2013).

We decided to have a fire sale before we recycled our holdings of Copeia. There was a burst of activity prior to the close of the sale at the end of the year. The EXEC voted to end the DNBI Self Monitor.

The EXEC voted to have Dennis Murphy work on a new plan for the website. President Hanken signed the JMIH MOU in May of 2010. We worked together to develop the agenda for our July meeting, we voted on five issues (Copeia offering, JMIH MOU, student funding issue, accept the New Mexico 2013 bid, hire Dennis Murphy for website redesign).

We sadly report the passing of: A.R. Main (Honorary Foreign Member [Herpetology] – December 2009), Ernie Liner (22 September 2010), Morris Goodman (15 November 2010), Robert Md Dowall (Honorary Foreign Member [Ichthyology] – 19 February 2011), Juraj Jolcik (16 May 2010), Kevin James Kleiner (husband of Governor Carol Johnston – 1 June 2011), Daryl Karns (7 June 2011).

17. GFAC: Gaige Fund Award Committee – Emily Taylor

The Gaige Award committee has selected the 2011 Gaige Award recipients. The committee consisted of me (Chair), Jeanne Robertson, and Ralph Saporito. All three of us agree that 10 awards of \$500 should be made to the student researchers listed below. We made awards on the basis of a combination of quality of the proposed research and need for funds. Although we did not use gender and degree status to make decisions, we are pleased that the group of awardees consists of 5 men and 5 women, and 2 of the 10 recipients are getting their Master's degrees.

The 2011 ASIH Gaige Award recipients:

Bradley Carlson, Penn State University, Gene flow and local adaptation of gape size in eastern newts.

Timothy Clay, University of Arkansas, Little Rock, Mechanisms constraining species distributions among members of the genus *Plethodon*.

Maxwell B. Joseph, University of Colorado, Boulder, The legacy of an emerging disease: post-epizootic pathogen persistence in alpine lakes.

Susan King, Eastern Kentucky University, Differential fitness and nest site characteristics of four-toed salamanders (*Hemidactylium scutatum*) in natural and constructed ponds.

Tara Pelletier, Louisiana State University, Species delimitation in western *Plethodon* salamanders: Insights into historical geography.

Enrique Santoyo Brito, Oklahoma State University, Evolution of complex, long-term, neonate care in high elevation lizards.

Lindsay Swierk, Penn State University, How does operational sex ratio in wood frog (*Rana sylvatica*) mating aggregations affect female fitness?

Beck Wehrle, California State University Northridge, Why do lizards lounge? The role of sociality in exchanging microbial communities among hatchling *Iguana iguana*.

Melissa Youngquist, Miami University, At the edge: Implications for amphibian dispersal.

Adrienne Zillmann, Arizona State University, Tipping the balance? Iron loading and an emerging infectious disease

18. GSPC: Committee on Graduate Student Participation – Mallory Eckstut

The Committee on Graduate Student Participation (GSPC) was led by Chair Mallory Eckstut during 2009-2010. Each Joint Meeting the committee membership is up for election.

During the graduate student business meeting at the 2010 JMIH meeting in Portland, Mallory Eckstut rotated out of the position of Chair and Caleb McMahan (2009-2010 Chair-elect) rotated in. Ryan Chabarria was voted in as Chair-elect for 2010-2011 to take over as Chair in 2011-2012. New members were established for each position within the committee (see list below). Despite discussion at the 2009 GSPC business meeting to combine the business meeting and workshop to increase attendance to both events (particularly the often poorly attended business meeting), this was not a feasible option for either 2010 or 2011 because of scheduling conflicts with various other JMIH events as well as oral and poster presentations. Regardless, the 2010 business meeting was attended by 31 students, nearly doubling the attendance from the 2009 meeting, and the graduate student workshop on “how to successfully teach a field course” also assembled approximately the same number of students. The book raffle was also highly successful, obtaining \$2,453 for the student travel award fund.

At the business meeting, the attendees voted to allot a travel award (\$300) from the ASIH graduate student funds to the Chair of the GSPC to defray some of the financial strain on the cost of attending the JMIH because the attendance of the Chair is a necessity for the proliferation of the GSPC. Under this agreement, the Chair must take on any responsibilities for GSPC members that are unable to attend the meeting (e.g., book raffle or workshop coordinators) and the Chair is responsible for picking names for the travel awards (submitted to the Chair by the Travel Awards Organizer). Finally, in an effort increase the efficiency and clarity of the GSPC’s role in ASIH, the GSPC portion of the ASIH procedures manual is being updated and a separate GSPC Goals and Procedures Report is in development to elucidate exact duties, responsibilities, and roles of each member of the GSPC to reduce confusion during the transition and turnover of committee members.

Efforts to increase networking using the ASIH Graduate Student Facebook page has been successful and as of April 2010, 130 members and was actively being used for announcement of travel awards and to announce conservation-related events. At the 2010 meeting, ASIH president-elect Michael Douglas attended to discuss student concerns regarding student activity in the society. The notion of a speed-networking event for ASIH graduate students was discussed and Dr. Douglas and Caleb McMahan agreed to try to coordinate this for the 2011 JMIH.

2010-2011 ASIH GSPC Members:

Chair – Caleb McMahan

Chair-elect – Ryan Chabarria

Book raffle subcommittee members – Vivian Maccachero (coordinator), Malorie Hayes, Michelle Tipton, Jennifer Stynoski

Workshop subcommittee – Luke Tornabene (coordinator), Shab Mohammadi, Todd Clardy,

Travel awards organizer – Dustin Siegel

Secretary – Mallory Eckstut

Conservation subcommittee – Nick Vandenbroek, Michelle Tipton

Local contact – Ben Lowe

Web content coordinator – Heather Heinz

Respectfully submitted,

Mallory Eckstut

19. HSFC: Henry S. Fitch Award Committee – Whit Gibbons

The Fitch Award Committee for 2011 consisted of Whit Gibbons (Chair), Jonathan Losos, and Henry Mushinsky. One individual was nominated this year for the 2011 award. Another was a nominee from 2010 and another from 2009. Once nominated, an individual can be considered for three years. The credentials and nomination letters for all three nominees were examined and discussed by the Committee, and a unanimous decision was made for the selection of one of the three based on the criteria that the individual met the qualifications of "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 will be presented at the JMIH Opening and Plenary Session on July 7, 2011.

Submitted by,

Whit Gibbons

20. LRPP: Long Range Planning & Policy Committee - Patrick T. Gregory & Jacqueline Litzgus

The LRPP met at the 2010 JMIH on the afternoon of 10 July; present were committee members Gregory (chair), Buth, Schultz, Litzgus, Johnston, and Cashner and guest attendees Donnelly, Neighbors, Douglas, and Ross (the latter represented by e-mail).

As has been the case for the past few years, the main preoccupation of the LRPP in 2010 had been the revision of the ASIH Policy and Procedures Manual. The penultimate version of this was submitted to EXEC on 27 June. EXEC members were invited to submit their comments on this nearly final version, with an eye to incorporating those comments for a final version in time for the 2011 JMIH. EXEC had also discussed the idea of a Wiki site posting of the manual, with controls on who can make changes. This latter point needs to be discussed further by LRPP.

The LRPP also discussed possible changes to committee structure. One idea is to share the chairing duties between two co-chairs, especially during the transition from one chair to the next. It has since been decided to test this model in 2011, with co-chair duties being shared between P. Gregory and J. Litzgus. Another long-standing idea that we have not yet implemented is to appoint a graduate-student representative on the committee to get a "younger" perspective on what ASIH can do to retain/attract members; this should be done as soon as possible.

The LRPP discussed various possibilities for attracting membership and moving ASIH into the 21st century. Ross noted big improvements in the format of *Copeia*, including the table of contents, but argued for better representation of major topical areas in the journal. He suggested that we make efforts to highlight papers on websites in different areas. We need to keep the quality of papers high and also broaden the range of papers to fit with the recently revised scope of the journal, with the aim of raising *Copeia*'s impact factor. Ross also expressed concern about the decline of non-systematic fish papers at JMIH and that AFS has pulled a lot of this area away from ASIH in the last decade or so by having symposia on behavior, ecology, and

taxon-specific topics; he felt that ASIH needs to have more such symposia at JMIH. Both complained about the general lack of support in academia for ichthyology and herpetology and argued that ASIH needs to produce position papers about the importance of these disciplines (and taxon-based disciplines) in general.

Other ideas for improving and modernizing ASIH and JMIH were discussed. These included:

- “Speed-networking” for students (President-elect Douglas plans to introduce this at the 2011 JMIH in Minneapolis)
- Better Facebook presence, including pre-meeting promotion
- Testimonials from Stoye-Storer winners on the ASIH website
- Pairing senior members with students
- Student social (similar to what SSAR does)
- Lunch/banquet earlier in meeting to attract students
- End-of-conference social/reception for presentation of awards, etc.
- Scavenger hunt for students (find the prof?)

We will pursue these and other ideas at the committee’s 2011 meeting.

Finally, we discussed the need for ASIH to move from elections for key positions at the annual meeting to electronic voting during the year. The current approach regularly disenfranchises a large portion of our membership every year. We need to recognize that given the decline in travel budgets and the number of competing professional societies, our members cannot attend every annual meeting. Electronic voting would allow members to participate in the society’s activities even if they miss a meeting.

Submitted by: P. Gregory and J. Litzgus

21. MMPC: Meetings Management and Planning Committee – Robert C. Cashner

The Meeting Management and Planning Committee met March 23-27 at the Hilton Minneapolis Hotel in Minneapolis, MN. Present at the meeting were Larry Allen, Henry Mushinsky, Joe Mendelson, Meredith Mahoney, Ed Heist, Bob Cashner (Chair), and Ex-Officio, Maureen Donnelly. ASIH President, Michael Douglas was also present to observe the Committee's agenda.

The following items were discussed: The strategy of engaging hotel chains in multi-year contracts as a possible way to have less expensive accommodations has not been fruitful. The MMPC and our K-State representative, Heide Burke, support the efforts to find hotels that will reduce some of the current expenses. The focus for meeting sites for 2014 is the southeastern U.S. Four cities have expressed interest in hosting the JMIH: Miami, Memphis, Chattanooga, and Mobile are in the running.

The MMPC worked with ASIH Treasurer Margaret Neighbors to secure support for two symposia in 2012. Two symposiums are already planned:

"Biogeochemical Methods to Study Ectotherm Ecology and Physiology", Chair: Sora Kim, Sponsored by AES and ASIH; and

"Technology and Innovation in Herpetology and Ichthyology Collections",
Chair:Greg Watkins-Colwell, Sponsored by the HL and ASIH.

The MMPC continues to work with several possible chairs of symposia to focus on fish to serve as a magnet to attract ichthyologists to the 2012 JMIH.

Before the MMPC meeting this year, committee members became aware that several colleagues were critical of the JMIH and the way it functions and suggested that the JMIH be dissolved to accommodate smaller meetings of a subset of societies. We have learned over time that we get the best offers from hotels and while other hotels will offer better prices, we do not have to pay for the breakout rooms if we fill the hotel block of rooms. We did investigate a possible university venue for 2013 but stringent rules regarding alcohol made that venue unattractive to the members of the MMPC. We have not had offers from anyone at a university for many years and until we do have a potential host, hotels are more economical when all costs (meeting logistics) are considered. The MMPC considered these complaints and we have responded to concerns about costs by planning on cutting the length of the meeting, replacing the banquet with an alternative activity, and selecting cities that allow for flights from a variety of starting locations. There were also complaints by some that meetings were too large. Individuals yearned for the days when meetings were smaller, 400-500 but the long-term health of the meeting requires all societies to work together to allow for the exchange of information concerning fishes, amphibians, and reptiles. The executive committees of the participating societies all voted in favor of extending the MOU for JMIH for five years, therefore we can begin solicitation of bids for 2014.

Respectfully submitted,
Robert C. Cashner

FUTURE MEETINGS:

2012 Vancouver, British Columbia, Canada
2013 New Mexico
2014 To Be Determined

22. NOMC: Nominating Committee – Richard Vari

The ASIH Nominating Committee for 2011 consisted of Richard Vari (Chair), Brian Crother, Stephen Ross and Roger Anderson. Attached is the nomination slate for President, Nominating Committee Chair, Nominating Committee members, Board of Governors, Robert H. Gibbs Memorial Award Committee, Robert K. Johnson Committee and Henry S. Fitch Committee.

One confounding issue over the three years that I have served on the Nominating Committee are the number of individuals who are approached to have their names put into nomination, but decline the invitation. This raises the question of whether it is really necessary to have three candidates for each of the Gibbs, Johnson and Fitch Committees in light of the additional effort required to identify strong candidates willing to serve ASIH. Given that we have

only two candidates for President, is there really a need for three candidates for the single empty position on each of these committees?

Richard P. Vari, Chair

23. RFAC: Raney Fund Award Committee – Kyle Piller

The 2011 Raney Fund Award Committee included Kyle Piller, Matthew Craig, and Prosanta Chakrabarty. Kyle Piller served as chair of the committee; this was his final year of service. Matthew Craig has served on the committee for two years, and he will serve as chair in 2012. Prosanta Chakrabarty has served on the committee for one year, and he will serve as chair in 2013.

The committee received 30 highly qualified proposals, with many deserving 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 top five applicants in alphabetical order:

Valentino DiSanto, Boston University, Ecological physiology responses of the little skate: Potential for adaptation in rapid climate change.

Stacey Farina, Cornell University, Functional anatomy of gill ventilation in the Goosefish (*Lophius americanus*).

Sean Giery, Florida International University, Effects of fragmentation-mediate predator extirpation on sexual selection in the Bahamian mosquitofish, *Gambusia hubbsi*.

Jonathon Whitney, University of Hawaii at Manoa, Origins of marine fish diversity: investigating how ecology and natural selection drive speciation in coral reef fish.

Lengxob Yong, East Carolina University, Ecological and hormonal correlates of derived masculinized traits in female threespine sticklebacks.

Respectfully submitted,
Kyle Piller, Chair

24. RHGC: Robert H. Gibbs, Jr. Memorial Award Committee – Scott Schaefer

In April of 2011, the Robert H. Gibbs, Jr. Memorial Award Committee, consisting of Scott Schaefer (Chair), Bruce Collette, and Eric Hilton, evaluated the credentials of five nominees for the 2011 award for excellence in systematic ichthyology. All candidates had been nominated previously; no new nominations were received by the committee. The recipient of the 2011 award will be announced in July at the plenary session of the annual JMIH in Minneapolis.

A full page announcement detailing the winner's accomplishments, along with a photograph, will be published in *Copeia* 2012(1). As with previous awardees, this year's recipient will be encouraged to submit a paper on systematic ichthyology for review and consideration for publication as the lead paper in the second year following the award.

For 2012, Scott Schaefer departs the committee after three years of service. Bruce Collette assumes duties as committee chair, assisted by Eric Hilton and a third member to be appointed pending election at the Minneapolis meeting.

25. RKJC: Robert K. Johnson Award Committee – C. Richard Tracy

The 2011 Robert K. Johnson Committee was chaired by C. Richard Tracy and included members James Orr and Al Savitzky. The award in odd numbered years goes to a herpetologist, and this year's committee will announce the name of the 2011 winner at the Plenary Session in Minneapolis in 2011.

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 2010 was **Joseph S. Nelson**. Joe has served ASIH remarkably, and certainly deserved this particular award. Joe served fifteen years as a member of the Board of Governors; he was a member of the Time and Place Committee for six years; he served as a member of the Conservation Committee for 15 years; he was the co-chair of the Local Committee for the 1995 meeting of the ASIH, AES, and HE; he served as a member of the committee to nominate an Honorary Foreign Member in Ichthyology; he was a member and chair of the Robert H. Gibbs, Jr. Memorial Award Committee; he was a co-chair of the Gloria Arratia Symposium, he chaired the Resolutions Committee; and he also maintained the webpage: "Past Meetings of ASIH, 1916-Present." We all benefit greatly from Joe's exemplary service to ASIH!

26. STAC: Student Awards Committee – Jon Armbruster

Prior to the 2010 meeting, President-Elect Steve Beaupre and Jon Armbruster (co-chairs for 2011) lined up the judges for the Stoye and Storer competitions. The judges and the award winners will be announced at the Annual Banquet.

27. AIBS: Representative to the American Institute of Biological Sciences and BioOne - Alan H. Savitzky

American Institute of Biological Sciences (AIBS)

AIBS continues to serve as an effective umbrella organization for societies concerned with organismal and environmental biology. Currently there are about 200 member societies and organizations (MSOs) of AIBS, with a combined membership of about 250,000 biologists, as well as about 5,000 individual members. Nonetheless, AIBS is facing many of the same

challenges as its member organizations, including declining individual membership and rising costs of operations and meetings. Accordingly, AIBS has taken a number of major steps to reduce its costs, including reducing its workforce (without reducing its services or activities) and discontinuing its annual meetings, which for many years had served a rather small number of participants, mainly in the Washington, DC area. Because AIBS did not hold an annual meeting this year, the AIBS Council (the representative body of MSOs) did not meet in the Spring, but a meeting is tentatively planned for Fall (perhaps involving remote participation). The Board of Directors, which meets semi-annually, includes a number of herpetologists and ichthyologists, including President James P. Collins, Immediate Past President Joseph Travis, and board members, James Hanken and Alan H. Savitzky.

AIBS is also deeply involved in a strategic planning process to evaluate its own role in the biological community, its unique contributions as an umbrella organization, and the value of its various activities and services. In recent years two of those services have emerged as especially important elements of the AIBS program, public policy and education. The Public Policy Office (PPO), to which ASIH makes an additional voluntary contribution each year, continues to monitor the public support of science and represent organismal biology and ecology in the political arena. Among many other actions, the PPO has taken an active role in addressing a negative and misleading report on the National Science Foundation that was recently released by a member of the U.S. Senate. The PPO also holds quarterly teleconferences with representatives of some of the MSOs, including ASIH.

Education has emerged as an increasingly important element of AIBS activities, and the society has placed a prominent role in recent discussions regarding undergraduate biology education, as well as secondary education. Through both its Education Office and Public Policy Office, AIBS continues to monitor controversies regarding the teaching of evolution and ensures that professional biological community has a prominent voice in those discussions.

Finally, AIBS continues to publish the highly regarded, peer-reviewed journal *BioScience*, the tagline of which (“Organisms from Molecules to the Environment”) clearly reflects its ties to organismal and environmental biology.

BioOne

BioOne is a nonprofit electronic publishing consortium that serves many society publishers of journals in organismal biology and ecology, as well as a few other fields. BioOne also partners with UniBio in Japan (the electronic publisher of *Current Herpetology*). Several years ago BioOne began a second collection of electronic journals (so as not to dilute the income it provides to its original publisher base), and it now identifies its two collections of journals as BioOne.1 (which includes the primary journals from three of the JMIH societies) and BioOne.2 (which includes *Chelonian Conservation and Biology*, *Current Herpetology* and the *South American Journal of Herpetology*, among others).

BioOne held its annual Publishers and Partners Meeting in Washington, DC on 22 April 2011, and A. Savitzky attended (supported by ASIH). This year marked the 10th anniversary of the launch of the first BioOne collection. Executive Director Susan Skomal announced that during its first 10 years, BioOne had returned a total of \$13.5 million to its society publishers, with the annual return increasing from \$475K to \$3.2M during that decade. Over the 10 year period, the cost of BioOne to libraries had increased only 9.2%, whereas the Consumer Price

Index had increased 23.5%. Such cost containment is consistent with BioOne's role as a collaboration between scientific society publishers and academic libraries, and it contrasts sharply with the rapacious business models and rapidly escalating costs of for-profit journal publishers. Despite this cost containment, total royalties to journal publishers (societies) increased 125.9%, and the average royalty increased 48.1% during that decade.

In 2010, net sales of the BioOne journal collections increased 15.4% over 2009. BioOne.1 now has 1,399 institutional and organizational subscribers (up 10.9% over 2009), and BioOne.2 has 714 subscribers (up 35% over 2009). Hits on BioOne articles numbered more than 24 million, up 7% from 2009.

The annual meeting heard from a number of speakers, including James Mullins, the Dean of Libraries at Purdue University, who discussed recent trends in university libraries and university presses. He noted a trend among university presses nationwide to publish more works by their own campus authors than by off-campus authors. He also noted that library circulation of books is plummeting, and studies show that students now think of "the Library" as its resources (primarily digital resources) rather than its physical space.

Mark Kurtz, BioOne's Director of Business Development, gave a fascinating presentation on open access (OA) publication from the perspective of economic and social theory. He likened the support of open access scientific journals to the support of lighthouses in 19th Century Great Britain, where dues were assessed to shipping companies based on the size of the ships. BioOne is considering a pilot experiment in which libraries are assessed an "open access sustainability surcharge" to support OA content. Based on 2010 figures, a 2% OA surcharge (with a \$500 institutional cap) would have cost libraries an average of only \$85/institution and would have generated \$112,269, enough to publish more than 12,000 pages (1,300 articles). The proposal was to apply this funding only to new open access journals, but Savitzky suggested that the OA articles might, alternatively, be divided among existing BioOne journals, which could then make a limited amount of their own articles available as open access.

Also of interest to our members was a presentation by Laurence Bénichou and Michèle Ballinger, of the MNHN in Paris, who discuss the new *European Journal of Taxonomy*. This journal, which will be electronic -only and open access, will be supported by its several participating institutional publishers, including the natural history museums in Paris and London, several institutions in Belgium, and potentially institutions in Spain and Denmark. Thus, it was characterized as a "producer-pays" model of OA publication (as opposed to the usual alternatives of "author-pays" or "reader-pays").

Kevin Meinershagen, of Allen Press, gave a presentation on the potential and problems associated with publication via mobile devices. The potential for the mobile market was described as "gigantic," with a worldwide user base of 4 billion mobile phones (1 billion are smartphones and 3 billion are capable of SMS). Problems for content publishers include the differing screen sizes and aspect ratios among such devices, as well as the short generation time between new mobile phone technologies. Several different platforms are in use, with no current industry standard, and the devices are neither geographically constrained nor bound to a single IP address, making security of non-open access content difficult. Nonetheless, several mobile publishing strategies are already available for scholarly societies, including optimization of the society's website for mobile use, development of "discovery and social tools" via mobile phones, and the development of various single-function apps. As the JMIH societies investigate means by which to serve new members, delivery of content to mobile devices should be investigated as a new vehicle for offering services.

Finally, Savitzky made his annual inquiry about the prognosis for continuing print publication of JMIH society journals. As expected, more journals are now pursuing online-only or online-primary options. It seems that online-only as the basic membership benefit, with optional print-on-demand, is likely to emerge as the most common model, probably within the next few years. With declining membership among many organismal societies (and other societies, such as those concerned with systematics and evolution), the publication of archival quality print journals will encounter a negative economy of scale, rendering the publication of archival print journals unsustainable. Unfortunately, few societies are planning yet for that eventuality.

28. AUDC: Audit Committee – John G. Lundberg

The Audit Committee was chaired by John Lundberg and included Henry Mushinky and James Hanken as members.

We have examined the 2010 budget reports provided by Treasurer Neighbors to the Audit and Executive committees and find that the year's income and expenses are appropriate for ASIH. The attached copy of the 2010 cash budget report is the primary source of our evaluation.

29. CONS: Conservation Committee - Frank H. McCormick

Summary. The ASIH Conservation Committee worked closely with the related committees in the Society for the Study of Amphibians and Reptiles and Herpetologists League during 2010, responding to conservation issues for both fish and amphibians. In 2010, the Committee prepared comments or letters for President Hanken's signature to the US Fish and Wildlife Service, the Secretary for the Department of Natural Resources of Puerto Rico and the Georgia attorney general's office.

Actions taken:

1. Prepared a joint letter to Sam D. Hamilton and Daniel M. Ashe (Director and Deputy Director of the US Fish and Wildlife Service) expressing concern that the recovery process for the threatened Puerto Rican Crested Toad (*Peltophryne lemur*) was being severely compromised by recent development activities within its last remaining habitat. In the letter we urged the Service to comply with a recent request, initiated by the Center for Biological Diversity, to revoke the Incidental Take Permit issued to Windmar Renewable Energy, Inc. and to reinstate the formal consultation process to protect the remaining populations of the species in its coastal lowland habitat in the Guanica Forest area in southern Puerto Rico.

Prepared a letter to Hon. Daniel J. Galán Kercadó, Secretario de Departamento de Recursos Naturales y Ambientales in Puerto Rico expressing concern for the protection of habitat of the the Puerto Rican Crested Toad (*Peltophryne lemur*) that is currently being threatened by development for hotel resorts and/or wind farming operations.

2. Prepared a letter to Georgia Attorney General Thurbert Baker urging the state to investigate the destruction of gopher tortoise burrows to collect snakes for rattlesnake roundups. Pouring gasoline into burrows sickens or kills the animals inside, makes the burrow unusable for

tortoises and the hundreds of other wildlife species that use tortoise burrows, and can contaminate groundwater. The letter requested that the state to increase monitoring and enforcement of the state law that prohibits the destruction of gopher tortoise burrows, and to investigate whether other state wildlife laws are broken in conjunction with the roundups. In 2006, the Conservation Committee developed a position paper on rattlesnake roundups. The paper is posted on the Society website: <http://www.asih.org/files/pprattlesnake.pdf>.

3. Six resolutions were presented to the ASIH membership at the annual business meeting.

All six resolutions were approved unanimously. Details of these and other resolutions presented at the business meeting regarding sea turtles, Bluefin Tuna, and the Deepwater Horizon oil spill appear in the December 2010 issue of Copeia.

Respectfully submitted,

Frank McCormick
Conservation Committee Chair

30. HFMH Honorary Foreign Member in Herpetology – Stephen J. Beaupre

In 2011, the committee consisted of Steve Beaupre (Chair), Pat Gregory, and Michael Douglas. We were charged to nominate a new Honorary Foreign Member in Herpetology, after the passing of Dr. A.R. (Bert) Main. We unanimously recommend Dr. Michael B. Thompson, of the University of Sydney, Sydney, NSW, Australia (CV in Appendix G, email: mike.thompson@sydney.edu.au). Dr. Thompson is a world leader in the field of reptilian reproductive physiology, and currently serves the University of Sydney in the capacity of Professor or in Zoology, Associate Dean (Research) in the Faculty of Science in 2010 and Deputy Dean of Science in 2011.

Research: Dr. Thompson's research interests include vertebrate eco-physiology, the evolutionary aspects of physiological ecology, conservation biology and morphology. Specifically, his current major focus is on aspects of the reproductive physiology of reptiles, especially related to the evolution of viviparity. He develops collaborative research programs that combine field work with complementary laboratory studies. Dr. Thompson has broad experience with the physiology of eggs and embryos, which led to his current emphasis on viviparity in reptiles. He has made major contributions to the understanding of the physiology of reptilian embryonic development, and to the understanding of the evolution of viviparity by using lizards as a model. These contributions have manifested themselves in several invited reviews and international symposium presentations. His work has been extensively supported by the Australian Research Council, the Marsden Fund (of New Zealand), and the National Geographic Society.

Publications: Over 165 refereed publications, plus another 50 published abstracts and un-refereed popular contributions covering a wide range of research topics. His contributions include many seminal and synthetic reviews on developmental patterns, egg physiology and placentation.

International profile: Dr. Thompson has an undeniable global presence. He has been an invited speaker or participant at events in more than 10 different countries in the Americas, Europe, Africa, and Asia. He has hosted more than 13 visiting scientists in Sydney and trained 9

post-doctorals. He is an active member of the ASIH (since 1987), and has attended numerous meetings. He reviews submissions for most of the major journals in physiological ecology. His service activities to science, scientific societies, and the public, are too numerous to list (see CV). He served as Associate Editor for Herpetological Monographs in 2005-2006. He is currently a Subject Editor for Endangered Species Research, and on the Editorial Board of the International Journal of Zoology.

Training: Dr. Thompson has trained numerous undergraduates in research, and has produced 36 Undergraduate Honors Students, 5 M.Sc. and 12 Ph.D. students. His commitment to education and the involvement of students in collaborative research is exemplary. We believe Dr. Michael B. Thompson richly deserves the accolade of being elected an ASIH Honorary Foreign Member in Herpetology.

Respectfully submitted for the committee,

Steven J. Beaupre

31. HFMI Honorary Foreign Member in Ichthyology – Bruce B. Collette

President Douglas appointed our committee in 2010 and I served with Walter Courtney and Carl Ferraris, Jr. to nominate a new Honorary Foreign Member in Ichthyology following the passing of Robert McDowall. We put forward Dr. Paul Harvey Skelton (South Africa) for this honor. Dr. Skelton is with the South African Institute for Aquatic Biodiversity, Grahamstown, South Africa (E-mail: p.skelton@saiab.ac.za). His CV is included in Appendix G. He is currently the Managing Director, South African Institute for Aquatic Biodiversity (formerly the J.L.B. Smith Institute of Ichthyology). Paul has served as Director of RUSI/SAIAB for the past 16 years, during which time he oversaw the transition of an institute from a regional entity within Rhodes University to that of a National Facility within the National Research Foundation, as well as development of an entirely new collection facility. He will retire from this position at the end of August but will continue his research as Director Emeritus of SAIAB.

General Areas of Interest: Systematics, zoogeography, and conservation of South African freshwater fishes, particularly catfishes and minnows.

Publications: More than 200 scientific, technical, and popular publications, including detailed revisions of redbreasted minnows, Zambeziian mastacembelids, and amphiliid catfishes. Paul authored the first comprehensive guide to the freshwater fishes of southern Africa and for this was awarded a silver medal in 1977 by the South African Society of Aquatic Systematists. Paul Skelton conducted extensive fish surveys throughout southern Africa from 1973 through 2007, and will continue to do so once he is happily free from his administrative position. In addition, he has long opposed non-native fish introductions to southern Africa, published on that topic several times, and opposed sport anglers who wanted more introduced salmonids in favor of protecting native South African fishes.

Moreover, Paul Skelton has carried out his research on fish systematics in major research collections in other nations, including European museums such as the British Museum of Natural History, MNHN in Paris, and museums in Tervuren, Stockholm, Vienna, Berlin, and Hamburg. He is a regular attendee at meetings of the European Ichthyological Congress, despite his physical location far away from those venues.

Paul is no stranger to North America having worked at AMNH, ANSP, FMNH, ROM, UMMZ, USNM and having attended ASIH meetings in Corvallis, Oregon, in 1981 and Ann Arbor, Michigan, in 1988. He was also appointed as a Research Associate of the American Museum of Natural History several years ago.

He serves on the editorial boards of Ichthyological Exploration of Freshwaters, the African Journal of Zoology, and Cybium. Paul has also served on the IUCN Species Survival Commission Freshwater Fish Group since 1976, and produced the South African Red Data Book on Fishes. Paul has supervised a number of M.Sc. and Ph.D. students in the past and is likely to do so in the future. We believe it would be fitting to honor this distinguished scientist by electing him as an Honorary Foreign Member in Ichthyology of ASIH.

Respectfully submitted for the committee,

Bruce B. Collette

32. HSOC: Representative to the SSAR and the HL - A.H. Savitzky

As reported for the past several years, most of the interactions among ASIH, HL, and SSAR have involved the Joint Meeting of Ichthyologists and Herpetologists. Those interactions therefore take place through the JMIH organizing committee, leaving the ASIH Representative to HL and SSAR with a limited portfolio. I have continued to advocate for increased cooperation among the three societies, and this year I was invited to participate as a member of the Ad Hoc Committee on Increasing JMIH Society Interactions, chaired by Henry Mushinsky. Under Henry's active leadership, that committee made considerable progress in framing the issues and alternatives facing the JMIH societies, and his committee report is now before each of the JMIH society boards.

At such time as ASIH and the other JMIH societies take action on the recommendations of the ad hoc committee, ASIH might reconsider the value of maintaining the position of Representative of ASIH to HL and SSAR. For now, however, it seems prudent to retain that position, in the hope of closer future interactions among the JMIH societies.

33. IHCC: Ichthyological and Herpetological Collections Committee – Mark Sabaj Pérez

Minutes of the ASIH Collections Committee Meeting at Waterplace Ballroom II, Westin Hotel, Providence, State of Rhode Island & Providence Plantations, 9 July 2010

In 2010 Gregory Watkins-Colwell (Yale, Herpetology) and Mark Sabaj Pérez (ANSP, Ichthyology) submitted an application to Herpetologists' League (HL), Society for the Study of Amphibians and Reptiles (SSAR) and ASIH for symposium on the value of scientific collections to be held at 2011 JMIH. HL liked the idea, but would not commit as sole funder and suggested resubmission. SSAR declined expressing limited interest in topic. ASIH did not reply. Collections Committee attendees welcomed idea and favored restructuring of symposium with broader theme for 2012 JIMH in Vancouver which will include World Congress of Herpetology. Agreed that funds should be sought to encourage international participation.

Volunteer presenters & suggestions for topics included:
Andy Bentley – Rules & regulations for shipping museum specimens
Hank Bart – Bioinformatics
Carol Spencer – Herpnet
Linda Ford – Permitting rules & regulations
Aaron Bauer – value of scientific collections
Shane Moser – extracting DNA from old museum specimens

Andy Bentley stressed need to tie collections to research as much as possible. Lex Snyder noted: value of museum databases to ecologists (e.g., for gap analysis) and how collections can be used to address ecological questions (provided field notes/data are taken properly); need for information on how to properly prepare museum quality specimens in the field. Lex also recommended a full day symposium.

Need expressed for JMIH management committee to synchronize talks for collections-related symposium. May be possible to cluster presentations post-abstract submission. John Lundberg noted that in this case, it would not be called a “symposium” – but rather a “session” of clustered papers on collections-related issues. Length of session would be determined by number of relevant submissions. We may experiment with this idea at 2011 JMIH to measure level of interest.

Linda Ford commented on Digitalization proposal written up as Presidential Initiative (part of 10 year initiative for national research infrastructure) with group at NSF set up to review it. Government agencies (e.g., USFWS) routinely orient budgets to include Presidential Initiatives. Federal survey indicated missteps between gathering and dissemination of data. Of the 15 presidential cabinets, 8 are involved.

Committee discussed ideas on how to develop and disseminate information on “Best Practices”. For example, how are tissue samples distributed? How do collections minimize fire risks? H.J. Walker noted that SIO fish collection was classified in same category as a liquor warehouse. Recently constructed or renovated collections are a good source of fresh information on compliance with various fire safety regulations.

Prior to the committee meeting Paulo Buckup (MNRJ) noted via email that a large, century-old herpetological collection in Brazil (Instituto Butantan, São Paulo) was lost to a fire in 2010. Paulo commented that it would be useful for the committee to discuss and provide pointers and guidelines to best practices and standards for protection of ethanol-based collections against fire and other catastrophic hazards. Dean Hendrickson (TNHC), also via email, expressed interest in the bureaucracy governing facility design for fire prevention and its effects on fluid collection maintenance. Dean noted that a summary of others' experiences with fluid collection housing, fire safety and related code issues would be extremely useful; and a list with contacts of collections that have gone through recent renovations or moves to new facilities would be most useful. Dean also shared frustrations surrounding his efforts to bring his collection up to fire code.

Lex Snyder's collection was visited by Homeland Security (fear of vandalism from animal rights groups).

David Catania noted that SPNCH has showcased various issues concerning museum facility design and fire prevention.

It was generally acknowledged that fire codes vary at too fine a scale, both temporally and geographically, for general recommendations to be of much use. Nevertheless, fire prevention and disaster preparedness remain important issues facing natural history collections.

Hank Bart presented information on Collaborative Georeferencing Project & Software (Geolocate). Collaborative proposal to be submitted to Biological Research collections program (up to 2 million in funding). Proposal signed up 12 (now 15) collaborators (active participants, all USA based) with designated roles for georeferencing locality data. Passive participants include 33 fishnet partners – some to be added through collaborative project. 800,000 records (of 2 million) to be georeferenced – about another million records need georeferencing from institutions wanting to join. Scope = everything in US institutions. Plan is to put all data from Fishnet into portal – techs at different institutions access, georeference and verify data – data stored in portal, then repatriated data back to institutions. Repatriation (reincorporation) of data into home collection is complicated. Specify looking into automating process.

Nelson Rios followed up with details on project work plan. All data to be georeferenced on server with relationships created among records to reflect high amount of collecting site repetition (this makes it easier to correct multiple records across time and other collections, and knock out repetitive records to decrease overall workload). 10,000 unique sites per active participant – scales up to 2 million lots. GEOlocate has some problems outside of US – current maps might not be suitable enough. GNIS database is basis for GEOlocate – will help to standardize geography (i.e., country names). Geographic synonymy to be incorporated.

Andy Bentley questioned how imprecise localities are Georeferenced. Nelson responded that a polygon may ultimately represent imprecise localities (GEOlocate allows for such option). However for marine localities off continental shelf – GEOlocate currently does not reference/find.

Marlis Douglas asked about “sensitive” information (e.g., for endangered species). Release of “sensitive” information to be an institutional-level decision, but may be impossible to fully protect. Although specific records/data for sensitive species may be “fuzzed up”, users may find alternative views into such records via syntopic collections.

H.J. Walker noted that Scripps collection (SIO) is already 100% georeferenced. Anyone in Fishnet (e.g., SIO) is a level 2 collaborator (passive participant) in the collaborative Georeferencing proposal.

With respect to online image databases, someone noted that Morphbank (on crutches) is more healthy than Morphobank (in hospital).

Someone also noted that Specify is funded for another 4 years (exact amount unknown) – starting 2010.

Andy Bentley commented on his campaign to end the “Dangerous goods” stigma of natural history specimens. His noble efforts have since been successful! Andy also noted that information on foreign shipping protocols by country and/or institution may eventually be shared online in Wikipedia-like fashion.

Linda Ford noted that the “information gap” should be addressed by this ASIH. The collections component needs to occupy higher profile – researchers need to be more aware of good collection practices.

-Mark Sabaj Pérez, Committee Chair

34. NFJC: Joint ASIH-AFS Committee on Names of Fishes – Larry M. Page

The Committee on Common and Scientific Names of Fishes met at the Florida Museum of Natural History in Gainesville on 10-14 January 2011. All members except Joe Nelson were in attendance, and Joe communicated with the committee daily via Skype. The committee completed its review of all names in the List and agreed that a manuscript could be completed in 2011 and submitted for publication through AFS. Primary tasks remaining include translation of the introduction into Spanish and French, and assignment of common names in Spanish and French to species found in Mexico or Canada, respectively, that currently lack those names. We are continuing discussions on a few species that may be added to List.

The committee is also exploring the future of the list of “Common and Scientific Names of Fishes,” recognizing that an online list, presumably maintained jointly by ASIH and AFS, can be more frequently updated and allow more active participation in reviews of the names of fishes. Options for an online list were discussed at the 2010 annual meeting of ASIH and will be discussed again at the meeting in 2011.

Larry Page, Committee Chair
31 May 2011

35. NSCAR: Representative to the Natural Science Collections Alliance - Larry M. Page

On 12 May, the NSC Alliance announced through its partnership with the American Institute of Biological Sciences, the following public policy updates (text is mostly from that announcement):

An analysis by the AIBS Public Policy Office of the Continuing Resolution that funds the federal government through September 2011 found that the budget of the National Science Foundation (NSF) was cut by \$67 million to \$6.9 billion. Much of the reduction (\$54 million) comes from the Research and Related Activities budget. The Education and Human Resources budget account loses about \$12 million. The Major Research Equipment and Facilities Construction account is funded at nearly the same level as in FY 2010, which is about \$48 million dollars less than the agency requested. Since the program is not fully funded for FY 2011, some projects may be delayed, including construction of the National Ecological Observatory Network.

The NIH announced on 25 April that its one percent budget reduction would result in a comparable reduction in the size of ongoing research grants. Funding for science and technology at the Environmental Protection Agency was reduced by 3.8 percent to \$813 million. The United States Geological Survey received \$1.08 billion, a \$28 million cut (-2.5 percent). The National Oceanic and Atmospheric Administration (NOAA) was cut by 3.2 percent to \$4.6 billion. The extramural grant program at the Department of Agriculture’s National Institute of Food and Agriculture will receive about 40 percent less funding than requested. The budget for the Institute of Museum and Library Services was reduced by nearly \$45 million (-16 percent); funding for museums is \$30.1 million, a \$3.5 million reduction from FY 2010.

On 15 April, NSC Alliance provided testimony to the Senate Appropriations Subcommittee on Commerce, Justice, Science, and Related Agencies. The testimony supported fiscal year (FY) 2012 funding of \$7.7 billion for the NSF. This funding level would provide a 13 percent increase

for the agency over the FY 2010 budget. The testimony highlighted contributions of NSF’s Biological Sciences Directorate to science, education, and research infrastructure. In addition to supporting the increase for research funding for BIO, NSC Alliance urged Congress to support the \$10 million requested for digitization of biological collections. Read NSC Alliance’s testimony at <http://nscalliance.org/?p=372>.

The NSF has outlined a new vision and goals for the agency for fiscal years 2011 to 2016. The new vision and goals were developed “to better integrate them with the concepts of research and learning, and more closely align with NSF’s merit review criteria of intellectual merit and broader impacts.” To read the strategic plan, visit <http://www.nsf.gov/news/strategicplan/index.jsp?WT.mcid=USNSF124>.

The NSCA will be a Sponsor of the 3rd Annual Biological Sciences Congressional District Visits event. This national initiative is an opportunity for scientists across the country to meet with members of Congress to showcase the people, facilities, and equipment that are required to support and conduct scientific research.

The Gulf of Mexico Research Initiative Research Board announced the availability of at least \$37.5 million/year to establish four to eight Research Consortia to study effects of the Deepwater Horizon incident. The research will improve scientific understanding of oil spill and dispersant impacts on ocean and coastal systems. The grant application and research themes to be funded are described in the request for proposals at <http://griresearchboard.org/rfp/RFP-I.html>.

The NSC Alliance and the Society for the Preservation of Natural History Collections held their fourth annual joint meeting on 23-28 May 2011 in San Francisco, California (after this report was submitted). The meeting focused on “Sustainable Museums–Sustaining Collections,” and was hosted by the California Academy of Sciences.

36. SPUC: Special Publications Committee - J.W. Armbruster

Sales summarized below and on attached accounting form (see Appendix C).

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
	2008: 11 copies	\$372.00
	2009: 9 Copies	\$285.00
	2010: 29 Copies	\$796.25
Special Publication #4:	2004: 16 copies,	\$601.50
	2005: 19 copies	\$811.00
	2006: 18 copies	\$604.00
	2007: 14 copies	\$499.00
	2008: 6 copies	\$199.00
	2009: 3 copies	\$116.50
	2010: 24 copies	\$627.50
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
	2008: 7 full sets, 4 individual volumes	\$861.00
	2009: 4 full sets, 4 individual volumes	\$517.00
	2010: 30 full sets, 18 individual volumes	\$2,917.50
Special Publication #6	2010: 161 copies	\$3,786.00
Total		\$8,127.25

New Book

Special Publication # 6: *An Empirical Synthetic Pattern Study of Gars (Lepisosteiformes) and Closely Related Species, Based Mostly on Skeletal Anatomy. The Resurrection of Holostei*, By Lance Grande was published. This remarkable book is offered to members at the cost of shipping alone (\$17.00 US and \$49.25 foreign). In 2010 sales were 161 copies for a total of \$3,786.00. The society owes their gratitude to Dr. Grande for making this book available to members.

Increased Sales

Special Publications 3-5 experienced dramatically increased sales last year due to the fact that the books were discounted. All remain selling slowly on Amazon.com.

Jonathan Armbruster, Chair

37. Web Content & Management Committee – John. G. Lundberg

In 2010 the Web Content and Management Committee was expanded to include: John Lundberg (Chair, lundberg@ansp.org), Hank Bart, Mo Donnelly, Melissa Gibbs, Chris Kenaley, Andres Lopez, Margaret Neighbors, Nelson Rios and Tiffany Schriever. The WCMC reviewed the current website (asih.org) hosted at Tulane for problems and needs. Andres Lopez initiated a Web-based survey for members to record their use of the website and suggest improvement. We received 421 responses. Some of the highlights of the survey were: 1) most users report visiting the website one or fewer times per month, 2) value of information was considered good/excellent by most respondents but there is a need to improve organization and appearance, 3) content feeds (like RSS) and student oriented information stood out as improvements considered important by the respondents, 4) the AFS website was the most commonly cited example of a useful, well managed society website. We also examined the websites of comparable societies (e.g. HL, SSAR, AFS, SSB) especially those rated highly by the committee and survey respondents, and we communicated with the "webmasters" serving those sites.

The Executive Committee approved a plan to redesign the ASIH website with contracted professional assistance. Mr. Dennis Murphy, the webmaster at ANSP, is working on this and has created a draft for the new website. The WCMC members are now reviewing and suggesting revisions. The WCMC members will be able edit existing and develop new website content.

The WCMC invites continuing input on the society's website from all members, especially from individuals who are interested in participating in ASIH website development. Contact JGL at lundberg@ansp.org, or any member of the WCMC.

38. Ad Hoc Committee on Copeia – Richard L. Mayden

This committee was originally established to investigate revising the journal into a different format and then morphed into a responsibility of investigating alternative publishers, other than Allen Press, for competitive bids. The primary objective has been completed as you all already know but the second objective has not been fully achieved. Scott Schaefer has discussed options with Allen Press and broached other publishers about possible bids on contracts. However, at this point we have nothing to report of any substantive nature.

Submitted by Richard Mayden

39. Ad Hoc Committee to Formalize JMIH – Henry R. Mushinsky

In early 2010, a proposal to was presented to the Presidents of the four Joint Meeting of Ichthyologists and Herpetologists sponsoring societies. The proposal was in the form of a Memorandum of Understanding (MOU) that was supported by the governing bodies of the American Society of Ichthyologists and Herpetologists, the Society for the Study of Amphibians and Reptiles, the Herpetologists' League and the American Elasmobranch Society. The MOU was signed by the four Presidents and is to take effect at the 2010 JMIH in Providence Rhode Island. The MOU was primarily developed by Henry R. Mushinsky and Margaret Neighbors with considerable input from members of the (ASIH) Meeting Management and Planning Committee. The MMPC was composed of Brian Crother, David Cundall, Robert Cashner, Ed Heist, Meredith Mahoney, Larry Allen and Maureen Donnelly. A copy of the MOU is included in this report for future reference (see Appendix E).

Respectfully Submitted,
Henry R. Mushinsky

40. Ad Hoc Committee to Survey the Use of Fishes – Richard L. Mayden

This ad hoc committee is inappropriately named. The committee is more appropriately named World-Wide Survey of Holdings of Tissues and Tissue Collections of Fishes. This committee of ichthyologists (Professors and Collections managers) was established to develop a survey, much like that done for formalin-fixed collections years ago by Leviton et al. to determine, when possible, what holdings of tissues of fishes exist around the globe, size of collections, how the collections are being stored, if there are voucher specimens tied to tissue or DNA samples and diversity. We are also seeking information on contact information and acknowledgment as to whether the individuals, departments, or museums with tissues or DNA are willing to share or exchange their materials. We are also interested in determining how many people/institutions have their tissue or DNA collections online for searching.

A second objective of this committee is to develop a “best practices” manual for the preservation of materials that are anticipated for use in molecular studies. This will include recommendations on preservation methods, tagging and retaining vouchers, photography methods for vouchers to accompany any gifts of tissues or DNA, the importance of vouchers for not only systematic studies but also for population genetic studies and ecological studies. Other aspects of long-term care, protection and access of collections will also be addressed.

As of this writing a schematic of anticipated questions and user-input information is being developed for users to come in and complete the questionnaire. Once completed and beta tested it is our hope that the society will permit the posting of the results (that can be continually updated, even by institutions that have completed the questionnaire in months/years past) on the home page and that users can see near-real time recent holdings, gift policies, contacts for collections, taxon and specimen holdings and rankings of these important collections by size, diversity, and geographic region.

Submitted by Richard Mayden

41. Ad Hoc Committee on Short Presentations – James Hanken

In August 2009, President John Lundberg appointed six ASIH members to an ad hoc committee that was charged “to develop a plan for a special session at the 2010 meeting featuring short (e.g., 5 min) oral presentations. Committee members were James Hanken (chair), Bob Cashner, Kathleen Cole, Larry Page, Lynne Parenti, Adam Summers and Jackie Webb. The committee exchanged ideas regarding how these short presentations might work, and in October the committee chair asked the local committee for the 2010 JMIH to “suggest a way that we could do this in light of other meeting logistics.” No further discussions by the committee ensued, and the sought-after short presentations were not included in the 2010 Providence meeting.

42. Ad Hoc Committee on Increasing Society Interactions – Henry Mushinsky

During the past year I have entered into a variety of informal conversations with many members of the four JMIH societies to discuss ways to further enhance the success of the JMIH meeting and our profession. I was asked by the Presidents of the four JMIH Societies to lead an Ad hoc Committee to do so. The central issue for all four societies is a declining membership. The JMIH societies are not alone in this problem; the eight North American ornithological societies are also working together to protect the future of their profession. Other taxon-oriented societies, and even broader societies such as those focusing on systematics and evolution, are reporting similar declines. A summary of membership trends for the four societies shows the general decline over the past decade, with one exception, the recent increase in members in the SSAR.

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Change*
AES			496	500	478	523	462	382	407	387	277	329	-37%
ASIH		2765	2792	2686	2589	2550	2424	2391	2267	2125	1977		-29
HL	936	921	923	911	864	780	740	704	693	696	677		-28
SSAR	1929	1897	1880	2000	1817	1672	1777	1671	1843	1803	2077		+20
TOT	2865	5583	6091	6097	5748	5535	5409	5148	5210	5011	5008		-18

* Number of members in 2010 (2011 for AES) relative to the highest (AES, ASIH, HL and TOT) or lowest (SSAR) number in the previous decade

Most people I contacted were in favor of making some changes to how we do business, but there is anything but a clear pathway to the future. Members definitely support greater interaction of the four societies and embrace the following two ideas:

- 1) Formation of a JMIH Conservation Committee (although the ASIH Conservation Committee already has members representing all four JIMH Societies)
- 2) Greater co-sponsorship of symposia that would be less taxonomically based and more problem-oriented or topically based. A good example of this type of cooperation is the symposium set for the 2011 meeting titled “Ranaviruses: An emerging threat to ectothermic vertebrates”, which includes talks on fishes, amphibians and reptiles.

The level of cooperation to effect the above two actions seems simple and straightforward. Moving beyond these actions, however, is difficult and controversial, especially with respect to the following three ideas:

- 3) Joint JMIH Society Website
- 4) Joint negotiations with publishers, Allen Press in particular, to determine if alternate financial arrangements could be made to reduce the cost of publishing our journals.
- 5) Formation of an umbrella society that would take control of membership tracking, treasurer duties, oversee the joint website and enter into negotiations with publishers on behalf of the societies.

In general most individuals favor some level of combining the four JIMH societies, but others had serious reservations about such a union, especially when it comes to dealing with finances. We all can agree that there is increased strength in numbers. If we ichthyologists and herpetologists spoke with one voice we could have a greater influence on how the world perceives us and we might be better able to convince young scientists to stay involved in their professional society. The reason for the decline in numbers of members is not that graduate students and postdocs don't join our societies; the problem is that they don't remain members of the societies after completion of their degrees and formal training. To borrow a phrase from the botanical societies that are experiencing the same membership issues (via Al Savitzky) we are now cultivating annuals instead of perennials. Another problem is that young members need only join one of the four societies in order to reap the full benefit of reduced meeting costs, placing the four societies in competition with one another for members.

To take action on items 3 or 4 above requires a strong commitment of the four societies to work together, essentially forming an umbrella society (item 5). To that end and to establish the

foundation for items 1 and 2 above, I make the following recommendations for each society to consider:

- 1) The societies need to decide collectively if the current composition of the ASIH Conservation Committee is adequate to address the concerns of members of all four societies. If so, then no action is necessary; if not, then members of the current conservation committees could meet together to decide on a plan of action.
- 2) The four societies need to advertise and support problem-oriented or topical symposia that are less taxonomically based. Joint sponsorship of such symposia could attract individuals to attend JMIH meetings and become members of our societies.
- 3) If the four societies want to investigate further the formation of an umbrella organization, then each society should appoint a one or two elected members of the boards of directors to a committee that has license to enter into serious discussions about the ramifications of such a union.

During the past six months I spoke to members of the JMIH Meeting Management and Planning Committee (L. Allen, J. Mendelson, M. Mahoney, E. Heist, B. Cashner and M. Donnelly), a few dozen other ichthyologists and herpetologists and especially A. Savitzky, B. Crother and J. Mendelson.

Respectfully submitted
Henry R. Mushinsk

43. Appendix A. Constitution (Revised 2008)

ASIH CONSTITUTION

(revised & ratified 27 July 2008)

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 consecutive annual 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.

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 have elapsed from the end of a term as President. A Treasurer, a Secretary, an Editor, Associate Editors, Index Editors and two Book Review Editors (one in ichthyology and one in herpetology) shall be elected annually but who may serve unlimited consecutive terms.

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 Board of Governors meeting and 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 Editorship, Secretaryship, or Treasurership occurring in the interval 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.

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 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. 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. 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.

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.

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: 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 VIII: 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 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 a vote of the membership of the society.

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.

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.

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.

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

Article V. 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. In the processing of manuscripts submitted for publication in *COPEIA*, the Editor shall allocate manuscript workload among the Associate 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. 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.

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

f. 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. Associate 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. 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. 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 Associate 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 and 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 of the Meetings Management and 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 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:

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 and Planning Committee
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

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 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 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.

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. 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 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 someone with experience in investing and money management. Tenure of appointment shall be on a calendar year basis.

Section 2. The Chair-Elect of the Endowment and Finance 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 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. 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.

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 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.

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*

The official bound set of *COPEIA* shall be maintained in the office of 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.

44. Appendix B. Treasurer's Tables

Table 1. ASIH profit & loss (accrual basis) for 2008 and 2009.

Table 2. ASIH membership and subscription numbers for current and past years.

Table 3. ASIH balance sheets for 2008 and 2009.

Table 4. ASIH accounts and their allocation to ASIH funds as of December 2009 statements.

Table 5. Portfolio detail of the ASIH Wells Fargo Advisors Custom Choice Account on 31 December 2009.

Table 1. ASIH profit & loss on an accrual basis for 1 January to 31 December 2010 with a comparison to 2009 values.

	<u>2010 Profit & Loss</u> (unaudited)	<u>2009 Profit & Loss</u> (audited)
Income		
Donations		
Fitch Award Fund	335	195
Gaige Award Fund	76	60
General Endowment Fund	1,485	1,285
Gibbs Award Fund	100	10
Raney Award Fund	260	10
Storer Award Fund	0	10
Stoye Award Fund	151	20
Clark Hubbs Student Travel Award Fund	3,123	8,235
Total: Donations	5,530	9,825
Royalties and other	345	881
Program Services		
Joint annual meeting		
Advances/refunds for costs		13,909
2010 JMIH	44,142	
2009 JMIH		38,506
Memberships and subscriptions		
Life memberships	7,200	7,100
Annual memberships	138,040	148,657
Subscriptions	96,005	97,968
Late fees	2,065	2,203
Rental of mailing list	1,730	1,330
Total: Memberships and subscriptions	245,040	257,257
Publications		
Author billing, page charges	8,450	7,890
Back issues of Copeia	1,256	1,039
Postage	85	69
Special publication sales	8,127	919
Total: Publications	17,917	9,916
BioOne revenue share	49,528	46,462
JSTOR revenue share and quarterly sales	9,485	7,850
Interest	1,561	1,637
Dividends and short term gains	10,630	10,380
Long term capital gain distributions	492	1

Table 1 (cont.)

<u>2010 Profit & Loss</u>	<u>2009 Profit & Loss</u>
-------------------------------	-------------------------------

Income (cont.)				
Realized gains/losses		-10		-30,745
Unrealized gains/losses		66,791		177,017
Total Income			\$451,451	\$542,896
Expenses				
Program services				
Awards		-27,749		-25,985
Annual meeting				
JMIH costs (deposits, etc.)	-31,369		-13,909	
Abstract submission fees	-2,000		0	
ASIH President reimbursement	-1,970		-2,405	
Total: Annual meeting		-35,338		-16,314
Committee expenses/EXEC projects		-240		-4,000
Publications				
AllenTrack	-4,750		-5,225	
Editorial offices	-35,715		-35,038	
Copeia printing, etc.	-81,807		-100,456	
Copeia online	-16,709		-14,296	
Sp pubs sales cost	-30		-30	
Total: Publications		-139,011		-155,045
Supporting services--management and general operation				
Allen Press business office	-48,661		-45,082	
Secretary's office	-33,370		-33,370	
Treasurer's office	-2,709		-2,207	
EXEC approved projects	0		0	
Web page	-3,872		-3,732	
Dues and subscriptions	-4,112		-4,035	
Annual audit and IRS Form 990 preparation	-8,206		-8,108	
Investment fees	-5,884		-5,413	
Misc., including bank charges	-3,748		-4,014	
Total: Supporting services		-110,563		-105,961
Total Expenses			-\$312,901	-\$307,305
Overall Total			\$138,550	\$235,589

Table 2. ASIH membership and subscription numbers for past years and income from online sources of *Copeia*.

Memberships and Subscriptions Type	Description	2001	2002	2003	2004*	2005	2006	2007	2008	2009	2010
Memberships											
ASCFAM	Second Member in Family	69	70	69	64	64	43	40	45	38	36
FHM	Foreign Honorary Member	26	27	27	26	26	25	25	27	28	30
LIF	Life Member Old Program	175	180	182	136	135	130	128	126	118	116
LIFN*	Life Member New Program				45	54	58	60	64	68	71
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	1	
LIF4	Life Member Fourth Payment	1	1	2	2	3	2	3	5	1	1
LIFX	Life Member (old program) Copeia donated				1	1	1	2	2	2	2
MEM	Regular Member, print and e journal	1792	1832	1757	1674	1542	1407	1345	1091	857	796
MEM0	Regular Member, e journal					89	107	118	366	479	470
STU, STUDB	Student Member, print and e journal	654	678	685	595	613	613	637	221	152	118
STUDO	Student Member, e journal							8	295	354	320
SUSW, SUSWB	Sustaining Member, print and e journal	39	26	28	38	28	30	26	20	20	15
SUSWO	Sustaining Member, e journal								3	4	3
	Total	2765	2823	2758	2590	2563	2424	2398	2267	2122	1978
Subscriptions											
COM	Complimentary Subscription	5	6	8	9	9	9	8	9	9	7
FINSB, INSB, INSWB	Institutional Subscription, print and e journal	1015	1009	949	877	826	758	689	574	518	417
INSWO	Institutional Subscription, e journal								61	44	72
	Total	1020	1015	957	886	835	767	697	644	571	496
	Overall Total	3785	3838	3715	3476	3398	3191	3095	2911	2693	2474
Income from online sources of Copeia (checks received during following year)											
	BioOne revenue share and article sales	\$3,850	\$10,753	\$14,994	\$22,949	\$25,671	\$26,377	\$38,898	\$40,221	\$48,854	\$50,121
	Subscription equivalents at current online subscription rate				170	190	195	288	251	305	313
	JSTOR revenue share and article sales					\$3,688	\$5,056	\$7,272	\$7,187	\$8,057	\$8,861

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

Table 3. 2010 year end balance sheet (accrual basis) with a comparison to the previous year.
 2010 balance sheet based on the information given to the ASIH Auditor.

	31-Dec-10 (unaudited)	31-Dec-09 (audited)
ASSETS		
Current Assets		
Checking/Savings		
Douglas Co Bank	0	206,806
US Bank	233,439	0
WFA CAP Acct Checking	0	-1,948
Total Checking/Savings	233,439	204,858
Accounts Receivable	48,219	44,638
Total Current Assets	<u>281,659</u>	<u>249,496</u>
Other Assets		
Annual Meeting Deposits	1,000	9,500
Dividends Receivable	346	269
Interest Receivable	500	174
Prepaid Expenses	2,020	2,112
WFA Command Asset Prog. w/ Checking Acct.	445,653	397,183
WFA Custom Choice Account	655,096	583,474
Total Other Assets	<u>1,104,615</u>	<u>992,712</u>
TOTAL ASSETS	<u><u>1,386,274</u></u>	<u><u>1,242,208</u></u>
LIABILITIES & EQUITY		
Liabilities		
Accounts Payable	41,391	32,341
Debit Cards		
WFA VISA	0	0
Deferred Income--Life Memberships	50,727	54,196
Deferred Income--Annual Memberships	65,090	57,900
Deferred Income--Subscriptions	54,250	61,505
Total Liabilities	<u>211,458</u>	<u>205,942</u>
Equity		
Retained Earnings	544,451	308,861
Opening Balance Equity	491,815	491,815
Net Income	138,550	235,589
Total Equity	<u>1,174,816</u>	<u>1,036,266</u>
TOTAL LIABILITES & EQUITY	<u><u>1,386,274</u></u>	<u><u>1,242,208</u></u>

Table 4. ASIH accounts and their allocation to ASIH funds as of December 2010 statements.

ASIH Fund	US Bank	Wells Fargo Advisors				Total
		Command Asset Program Account			Custom Choice Account	
		Bank Sweep	MM Fund	Certificates of Deposit		
General Operating	\$232,054	\$71,628	\$100,000	\$552	\$195,875	\$600,109
Annual Meeting	0	60,298	75,000		0	135,298
Student Travel	335	10,211	14,000		0	24,546
Gibbs	100	226		25,036	98,264	123,626
General Endowment	250	8,018		25,036	93,679	126,983
Stoye	150	539		9,514	61,579	71,782
Life Membership	0	5,840		22,032	50,442	78,314
Raney	150	231		8,512	63,544	72,437
Gaige	75	156		3,004	53,718	56,953
Storer	0	364		3,004	20,963	24,331
Fitch	325	0		2,452	17,032	19,809
	<u>\$233,439</u>	<u>\$157,511</u>	<u>\$189,000</u>	<u>\$99,142</u>	<u>\$655,096</u>	<u>\$1,334,188</u>

Table 5. Portfolio detail of the ASIH Wells Fargo Advisors Custom Choice Account on 31 December 2010.
(Cost values from WFA CC statement)

	Initial Purchase Date	Shares	Cost	Unrealized gain/(loss)	Market Value 31-Dec-10	% of Total
Equity Investments						
<i>Large Cap Blend</i>						
American Funds: Fundamental Investors F	11-Dec-2007	2159.953	\$87,047	(\$7,820)	\$79,227	12.1%
Davis NY Venture Fund Y	11-Dec-2007	2251.044	\$86,031	(\$7,942)	\$78,089	11.9%
<i>Large Cap Growth</i>						
American Funds: Growth Fund of America	20-Apr-2005	3869.050	\$118,404	(\$1,404)	\$117,000	17.9%
Janus Advisor Forty Fund S	11-Dec-2007	1465.529	\$52,482	(\$2,698)	\$49,784	7.6%
<i>Small Cap Value</i>						
Royce Premier Fund	4-Jan-2001	1338.162	\$20,353	\$6,879	\$27,232	4.2%
<i>Small Cap Growth</i>						
Baron Sm Cap Fund	18-Apr-2008	557.255	\$10,324	\$2,927	\$13,251	2.0%
RS Emerging Growth Fund	7-Dec-2004	324.618	\$10,402	\$3,310	\$13,712	2.1%
<i>International</i>						
American Funds: Europacific Growth Fund F	24-Feb-2006	989.049	\$45,309	(\$4,600)	\$40,709	6.2%
William Blair Int. Growth Fund N	11-Dec-2007	1956.259	\$48,698	(\$5,954)	\$42,744	6.5%
<i>Emerging Markets</i>						
Lazard Emerging Markets Portfolio Fund	11-Dec-2007	3199.946	\$50,876	\$18,819	\$69,695	10.6%
Fixed Income Investments						
<i>Intermediate Fixed Income</i>						
Columbia Intermediate Bond Fund	20-Feb-2004	9776.775	\$85,521	\$3,057	\$88,578	13.5%
<i>International Fixed Income</i>						
American Century Int'l Bond Fund	25-Jan-2005	1862.105	\$27,408	(\$1,711)	\$25,697	3.9%
<i>Cash & Cash Equivalents</i>						
Goldman Sachs Tr Finl. Sq. MM	13-May-2009	9738.180	\$9,378	\$0	\$9,378	1.4%
			<hr/>	<hr/>	<hr/>	<hr/>
			\$652,233	\$2,863	\$655,096	100.0%

45. Appendix C. Sales of Special Publications 2010

Special Pub sales - Last year

1/1/2010 through 12/31/2010

4/22/2011

Page 1

Date	Account	Num	Description	Memo	Clr	Amount
INCOME						8,127.25
Program Services						8,127.25
Publications						8,127.25
Sales						8,127.25
Special Pubs.						8,127.25
Sp. Pub. #3						796.25
1/27/2010	DouglasAmazon.com		R	29.25
2/25/2010	DouglasAllen Press Deposits		R	36.00
2/25/2010	DouglasAmazon.com		R	29.25
8/9/2010	US Bank		...Allen Press Deposits		R	30.00
9/2/2010	US Bank		...Allen Press Deposits		R	51.00
9/9/2010	US Bank		...Allen Press Deposits		R	66.50
9/9/2010	US Bank		...Allen Press Deposits		R	25.50
9/10/2010	US Bank		...Allen Press Deposits		R	76.50
9/23/2010	US Bank		...Allen Press Deposits		R	25.50
9/24/2010	US Bank		...Allen Press Deposits		R	25.50
10/6/2010	US Bank		...Allen Press Deposits		R	25.50
10/28/2010	US Bank	EFT	Amazon.com	Aug 2010	R	29.25
11/1/2010	US Bank		...Allen Press Deposits		R	66.50
11/12/2010	US Bank		...Allen Press Deposits		R	44.50
11/15/2010	US Bank		...Allen Press Deposits		R	51.00
11/24/2010	US Bank	EFT	...Amazon.com		R	31.50
11/29/2010	US Bank		...Allen Press Deposits		R	51.00
12/1/2010	US Bank		...Allen Press Deposits		R	25.50
12/10/2010	US Bank		...Allen Press Deposits		R	25.50
12/29/2010	US Bank		...Allen Press Deposits		R	25.50
12/31/2010	US Bank		...Allen Press Deposits		R	25.50
Sp. Pub. #4						627.50
2/25/2010	DouglasAmazon.com		R	31.50
9/9/2010	US Bank		...Allen Press Deposits		R	25.50
9/9/2010	US Bank		...Allen Press Deposits		R	51.00
9/10/2010	US Bank		...Allen Press Deposits		R	102.00
9/14/2010	US Bank		...Allen Press Deposits		R	25.50
9/16/2010	US Bank		...Allen Press Deposits		R	44.50
9/27/2010	US Bank		...Allen Press Deposits		R	150.00
10/13/2010	US Bank		...Allen Press Deposits		R	25.50
10/26/2010	US Bank		...Allen Press Deposits		R	25.50
11/12/2010	US Bank		...Allen Press Deposits		R	44.50
11/15/2010	US Bank		...Allen Press Deposits		R	25.50
12/22/2010	US Bank		...Allen Press Deposits		R	25.50
12/29/2010	US Bank		...Allen Press Deposits		R	51.00
Sp. Pub. #5						2,917.50
1/27/2010	DouglasAmazon.com	v1	R	27.00
				v2	R	54.00
				v3	R	81.00
				v 2	R	27.00
3/19/2010	DouglasAllen Press Deposits		R	100.00
3/26/2010	Douglas ...		Amazon.com	Feb 2010 v1	R	27.00
4/16/2010	DouglasAllen Press Deposits		R	100.00
4/29/2010	Douglas ...		Amazon.com	Mar 2010, ?	R	54.00
6/17/2010	DouglasAllen Press Deposits		R	100.00
7/31/2010	Douglas ...		Allen Press Deposits	cc 7/28	R	120.00
9/29/2010	DouglasAmazon.com	v1	R	27.00
				v 1, 2, 3	R	81.00
9/8/2010	US Bank		Allen Press Deposits	v 1-3, ck 9/7,...	R	76.50
9/9/2010	US Bank		...Allen Press Deposits	v 1-3	R	76.50
9/9/2010	US Bank		...Allen Press Deposits		R	76.50
9/10/2010	US Bank		...Allen Press Deposits		R	178.50

Special Pub sales - Last year

1/1/2010 through 12/31/2010

4/22/2011

Page 2

Date	Account	Num	Description	Memo	Clr	Amount
9/16/2010	US Bank		...Allen Press Deposits		R	133.50
9/23/2010	US Bank		...Allen Press Deposits		R	76.50
9/30/2010	US Bank		...Allen Press Deposits		R	76.50
10/29/2010	US Bank		...Allen Press Deposits		R	31.50
11/12/2010	US Bank		...Allen Press Deposits		R	133.50
11/18/2010	US Bank		...Allen Press Deposits		R	76.50
11/24/2010	US Bank	EFT	...Amazon.com		R	54.00
12/22/2010	US Bank		...Allen Press Deposits		R	76.50
12/23/2010	US Bank		...Allen Press Deposits		R	76.50
12/29/2010	US Bank	EFT	Amazon.com	Nov 2010	R	135.00
12/29/2010	US Bank		...Allen Press Deposits		R	765.00
12/31/2010	US Bank		...Allen Press Deposits		R	76.50
				-510 for sp p...	R	0.00
Sp. Pub. #6						3,786.00
11/1/2010	US Bank		...Allen Press Deposits		R	272.00
					R	246.25
11/2/2010	US Bank		...Allen Press Deposits		R	295.50
					R	425.00
11/3/2010	US Bank		...Allen Press Deposits		R	17.00
11/3/2010	US Bank		...Allen Press Deposits		R	34.00
11/4/2010	US Bank		...Allen Press Deposits		R	363.50
11/4/2010	US Bank		...Allen Press Deposits		R	221.00
11/6/2010	US Bank		...Allen Press Deposits		R	289.00
11/8/2010	US Bank		...Allen Press Deposits		R	17.00
11/9/2010	US Bank		...Allen Press Deposits		R	164.75
11/10/2010	US Bank		...Allen Press Deposits		R	17.00
11/12/2010	US Bank		...Allen Press Deposits		R	136.00
11/12/2010	US Bank		...Allen Press Deposits		R	49.25
					R	34.00
11/15/2010	US Bank		...Allen Press Deposits		R	234.50
11/15/2010	US Bank		...Allen Press Deposits		R	98.50
					R	119.00
11/17/2010	US Bank		Allen Press Deposits	ck 11/16	R	34.00
11/18/2010	US Bank		...Allen Press Deposits		R	17.00
11/19/2010	US Bank		Allen Press Deposits	cc 11/17	R	98.50
11/23/2010	US Bank		...Allen Press Deposits		R	17.00
11/24/2010	US Bank		...Allen Press Deposits		R	98.50
					R	34.00
11/26/2010	US Bank		...Allen Press Deposits		R	17.00
11/29/2010	US Bank		...Allen Press Deposits		R	17.00
11/29/2010	US Bank		...Allen Press Deposits		R	66.25
12/1/2010	US Bank		...Allen Press Deposits		R	17.00
12/2/2010	US Bank		...Allen Press Deposits		R	17.00
12/3/2010	US Bank		...Allen Press Deposits		R	49.25
12/9/2010	US Bank		...Allen Press Deposits		R	34.00
12/10/2010	US Bank		...Allen Press Deposits		R	17.00
12/13/2010	US Bank		...Allen Press Deposits		R	17.00
12/15/2010	US Bank		...Allen Press Deposits		R	49.25
12/16/2010	US Bank		...Allen Press Deposits		R	34.00
12/17/2010	US Bank		...Allen Press Deposits		R	17.00
12/22/2010	US Bank		...Allen Press Deposits		R	51.00
12/22/2010	US Bank		...Allen Press Deposits		R	34.00
12/23/2010	US Bank		...Allen Press Deposits		R	17.00

OVERALL TOTAL

8,127.25

46. Appendix D. Candidate Information for 2011 Elections

PRESIDENT

Matthews, William J., Professor and Chairman, Department of Zoology, University of Oklahoma, Norman, OK 73019. wmatthews@ou.edu.

Research Interests: Structure of fish assemblages, with emphasis on long-term changes and the role of the environment; zoogeography, distributional ecology and systematics of North American freshwater fishes; functional roles and effects of fishes in stream ecosystems; ecology of fishes in reservoir-river systems; book on “Patterns in Freshwater Fish Ecology” (1998). My current research, in collaboration with Edie Marsh-Matthews, focuses on synthesis of long-term changes in stream fish communities over for more than four decades in the Ozarks and Great Plains, on experimental assessments of interactions within fish communities, and on continued assessment of systematic status of problematic taxa of fishes in the Midwestern United States.

Service to ASIH: Editor for Ecology and Ethology (1990-1994); member of the Editorial Board (1994-1996); Board of Governors for three terms (1985-1990, 1993-1998, and 2002-2006); assistant local chair or co-chair for annual meetings in 1984 and 2004; Long Range Planning and Finance Committee; Committee on Special Publications; Endowment Committee; and four times on the Stoye Award Committee. With David Heins, I co-organized the symposium on “Community and Evolutionary Ecology of North American Freshwater Fishes” for the meeting in 1985 in Knoxville. In recent years, my administrative duties as department chairman have prevented my participating as much in ASIH as I would have liked, but I step down as chairman in July 2011, which will allow me requisite time for to serve fully if I am elected.

Goals as President of ASIH: When I published my first paper in Copeia in 1979, it was by far the most important ichthyology and herpetology journal in the world. Even with all of the great expansion in recent decades in numbers of journals in our disciplines, Copeia remains the flagship outlet for the best research in herpetology and ichthyology. I think that we must be vigilant to retain the historical importance and tenor of the journal while we operate in the modern electronic climate. I think that ASIH must remain a leading organization that maintains strong support for basic research on both fish and herps, world-wide, recognizing that the basic biology, ecology, and behavior of most individual species remain essentially unknown, and that evolutionary hypotheses remain in need of continuous refinement. I believe that ASIH must continue its important role in conservation, while maintaining some distance from “fringe groups” and avoiding anything but a purely scientific approach in our activities. In ASIH we must continue to urge excellence in classical morphological as well as molecular systematics, with the greatest strength coming from creative blending of the treasure trove of information from collections in museums worldwide with information from the newest molecular approaches. Lastly, a society is only as good as its economic base and as its base of individuals for the future. We must be fiscally conservative and prudent, yet willing to take risks when the end product greatly advances knowledge, or allows professionals or graduate students to take up challenges that might otherwise be impossible. The lifeblood of the society is vested in graduate students, who we must continue to support in every way possible, and who we must urge to become and remain active members of ASIH.

Wainwright, Peter C., Professor, Department of Evolution and Ecology, University of California, Davis, California 95616. pcwainwright@ucdavis.edu

Research Interests: Evolution of functional morphology and biomechanics in fishes. Functional morphology of feeding in fishes. My main goal is to identify general patterns, repeating themes, and principles of how the complex muscle-skeleton system of fishes is modified during evolution to produce the diversity we see in function and ecology. I am also particularly passionate about fish adaptive radiation, the biology of coral reef fishes, and the phylogenetics of spiny-rayed fishes.

Service to ASIH: Continuous since 1983. Committee on Graduate Student Participation 1987-1989, Symposium Organizer 1993 & 2005, Stoye Award Committee, 1989, 1990, 1993 & 1994, Board of Governors 2007-2012.

Goals as President of ASIH: I would make a major push to grow the participation of young people in our society. I believe we can make progress in this direction by finding ways to reduce the cost of student attendance at meetings, routinely highlighting student accomplishments and developing our student programs. I would also like to build on our recent success with targeted attempts to increase meeting activity in emerging research areas, such as genomics, conservation biology, global change, data base construction, and the use of new imaging technology in anatomy. Finally, I would be active in fund-raising for the society. I would like to strengthen existing accounts and establish new endowments for student participation and research, and a fund that could be directed toward unique products of our society such as special publications and other resources that would have broad use in the community.

NOMINATING COMMITTEE CHAIR

Crother, Brian I., Professor of Biology and Assistant Dean, College of Science and Technology Southeastern Louisiana University, Hammond, LA 70402. Tel.: 985-549-2055; Fax: 985-549-3396. bcrother@selu.edu

Research Interests: Phylogenetics and biogeography amphibians and reptiles; evolution and development.

Service to ASIH: Stoye Award Committee, 1992; Resolutions Committee, 1996; Local Host (New Orleans) Organizing Committee, 1996; Session Chair Committee, 1996; Storer Award Committee, 1996; Chair, Storer Award Committee, 1998; Storer Award Committee, 1999; Chair, Stoye and Storer Award Committees, 2000; Board of Governors, 2000-2004; Meeting Planning Committee, 2002-2008; Resolutions Committee 2008; Meeting Management Committee, 2002-2010; Local Host Committee (New Orleans, 2006), Robert K. Johnson Committee 2007-2009, Meritorious Teaching Award in Herpetology 2010, BOG 2010-2014, Nominating Committee 2011-2012

NOMINATING COMMITTEE-ICHTHYOLOGY

Bortone, Stephen A., Executive Director Gulf of Mexico Fishery Management Council, 2203 North Lois Avenue, Suite 1100, Tampa, Florida 33607. steve.bortone@gulfcouncil.org

Research Interests: Marine fisheries and the life history of aquatic organisms, especially fishes, chiefly in the southeastern U.S. and the Gulf of Mexico. Ongoing projects include, a book entitled, Artificial Reefs in Fisheries Management, due to be published by CRC Press.

Service to ASIH: Resolutions Committee 1988-89, 1998 (Chair); Board of Governors 1990-95; Reviewer for Copeia.

Echelle, Anthony A., Emeritus Regents Professor, Zoology Department, Oklahoma State University, Stillwater, Oklahoma. anthony.echelle@okstate.edu

Research Interests: A longstanding interest in conservation biology, population genetics, and phylogenetics of southwestern fishes, primarily Cyprinodon. Ongoing projects include genetic structure and historical population dynamics of several species in the Ouachita Highlands, conservation genetics of the *Gambusia krumholzi* complex, and genetic status of Headwater Catfish in Texas and New Mexico.

Service to ASIH: Editorial Board, Copeia; 2007- present; Symposium co-organizer: "Evolution of Fish Species Flocks," 1984; Sectional Editor, Copeia (Genetics, Morphology and Development), 1983-86; Board of Governors (4 terms); Member, ASIH Nominating Committee, 1993.

Johnson, G. David., Division of Fishes, National Museum of Natural History, Smithsonian Institution, Washington DC 20560. johnsond@si.edu

Research Interests: Systematics and early life history of teleost fishes, particularly acanthomorphs, with a central focus on comparative anatomy, ontogeny, phylogenetic reconstruction and classification. Ongoing projects include description of a living fossil eel and its phylogenetic placement based on molecules and morphology; ontogeny and homology of the sucking disc of remoras; the gill arches and caudal skeleton of stomiid fishes and their phylogenetic implications; upper jaw and rostrum development in early stage holocentrids, a unique ontogenetic trajectory with a comparison to that of malacanthids; morphological evidence for the lampridiform affinities of *Stylephorus* and the aulopiform affinities of *Ateleopodidae*; long-term book project on larvae of marine fishes based on photographic images.

Service to ASIH: Board of Governors, 1980-84, 2006-2010; Stoye Award Judge, 1985, 89, 94; Rainey Award Committee, 1981-1983; Robert H. Gibbs Memorial Award Committee, 1995-1998 - chairman, 1997-98; Nominating Committee, 1999-2000; reviewer for Copeia.

NOMINATING COMMITTEE-HERPETOLOGY

Brown, Rafe, M., Curator in Charge, Herpetology, KU Biodiversity Institute, Assistant Professor, Department of Ecology and Evolutionary Biology, University of Kansas, Dyché Hall, 1345 Jayhawk Blvd, Lawrence, KS. rafe@ku.edu

Research Interests: Processes of diversification in island archipelagos; speciation, genetics, biogeography, and conservation of amphibians and reptiles in Southeast Asia; systematics of ranoid frogs.

Service to ASIH: Stoye Award judge; Copeia Publishers Ad-Hoc Task Force; reviewer for Copeia.

Taylor, Emily N., Biological Sciences, California Polytechnic State University, San Luis Obispo, CA 93407-0401. etaylor@calpoly.edu

Research Interests: Environmental physiology of reptiles, especially the endocrine, neural, and reproductive physiology of lizards and snakes

Service to ASIH: Reviewer for *Copeia*; co-chair, ASIH Stoye and Storer Award Committee 2008; ASIH Gaige Award Committee 2009-11; ASIH Board of Governors 2009-2013.

ASSOCIATE EDITOR – GENERAL HERPETOLOGY

Stuart, Bryan, L., Curator of Herpetology, North Carolina Museum of Natural Sciences, 11 West Jones St., Raleigh, NC 27601. Tel: 919.733.7450, ext. 751; FAX: 919.715.2294; Email: bryan.stuart@ncdenr.gov

Research Interests: Systematics, taxonomy, species delimitation, biogeography and conservation of amphibians and reptiles. Current projects include: systematics of Southeast Asian ranid, rhacophorid, and salamandrid amphibians; hybridization in geoemydid turtles.

Service to ASIH: Stoye Award (Conservation) judge, 2009, reviewer for *Copeia*.

ASSOCIATE EDITOR – GENETICS, DEVELOPMENT & MORPHOLOGY

Grande, Terry, Department of Biology, Loyola University Chicago, 6525 North Sheridan Road, Chicago IL. 60626. Tel: 773-508-3649; Fax: 773-508-3646; Email: tgrande@luc.edu.

Research Interests: Systematics, Morphology, Development, Evolution. PI on the Euteleost Tree of Life project, Basal Euacanthomorph relationships.

ASSOCIATE EDITOR – BOOK REVIEWS HERPETOLOGY

Espinoza, Robert E., Associate Dean of the College of Science and Mathematics and Professor and Curator of Amphibians and Reptiles in the Department of Biology, California State University, Northridge, Northridge, California 91330-8303, USA. Tel. (818) 677-4980; FAX: (818) 677-2034; Email: robert.e.espinoza@csun.edu.

Research Interests: Ecological and evolutionary physiology of amphibians and reptiles, particularly those from deserts and cold climates; biology and taxonomy of liolaemid lizards.

Service to ASIH: Board of Governors (2003–08, 2011–15); Judge, *Stoye Award*: Best Student Paper, Ecology and Ethology (2006); *Copeia* Review Implementation Committee (2005–06); Resolutions Committee (2004); Gaige Award Committee (2002–04), Committee Chair (2004); Student Mentor, Equal Participation Committee (2000); Co-Chair for Symposium:

“*Comparisons and Current Uses of Phylogenetic Approaches to Ichthyology and Herpetology*” (1997); Committee for Graduate Student Participation (1994–98); *Organizer or Co-Organizer of Graduate Student Social* (1995, 1997–98), *Co-Organizer of Graduate Student Workshop*: “How to be a graduate student today for the job you want tomorrow” (1996).

BOARD OF GOVERNORS - HERPETOLOGY

Austin, Christopher C., Associate Curator and Professor, Division of Herpetology, Museum of Natural Science, Louisiana State University, Baton Rouge, LA 70803. ccaustin@lsu.edu

Research Interests: Systematics, phylogenetics, population genetics, and biogeography of reptiles and amphibians with a geographic focus on New Guinea and Australasia. Ongoing projects are founded on a strong collections-based field program that examines phylogeography

of New Guinea reptiles and amphibians, alpha taxonomy, invasive reptiles in the Pacific, and conservation genetics.

Service to ASIH: Stoye Award judge; reviewer for *Copeia*.

Bevier, Catherine R., Associate Professor of Biology, Department of Biology, Colby College, Waterville, ME 04901, crbevier@colby.edu

Research Interests: Behavioral and physiological ecology of amphibians, especially reproductive behavior and conservation physiology. Ongoing projects include studies of species and population differences in composition and production of antimicrobial skin secretions in frogs & strain differences in the amphibian pathogenic fungus, *Batrachochytrium dendrobatidis*; reproductive ecology of frogs in New England; lab studies on physiological correlates of vertebrate behavior.

Service to ASIH: Reviewer for *Copeia*, Stoye award judge.

Doody, J. Sean, School of Biological Sciences, Monash University, Clayton, Victoria, Australia 3766. sean.doody@monash.edu

Research Interests: Ecology, behavior, evolution and conservation of reptiles and amphibians. Ongoing projects include climate responses in reptiles with environmental sex determination, the ecological impact of cane toads on predatory reptiles, the ecology and evolution of nest site choice in reptiles, and embryonic behaviour and evolution in reptiles and amphibians.

Service to ASIH: Reviewer for *Copeia*

Fontenot, Clifford L., Biological Sciences, Southeastern Louisiana University, Hammond, LA 70402, USA. cfontenot@selu.edu

Research Interests: Behavior, conservation, and evolutionary ecology of amphibians and reptiles. Ongoing projects include 1) long-term (2003-present) wetlands snake assemblage study in the Lake Pontchartrain Basin to understand assemblage structure and temporal change, functional habitat patch size, and effect of flooding, and effect of roads on mortality. 2) Ecology of the aquatic salamander *Amphiuma tridactylum*. 3) Vision mechanics in snakes: specifically how animals with eyes evolved for one medium (e.g., air, on land) compensate for the change in refractive index when foraging in another (e.g., underwater).

Service to ASIH: Stoye Award judge; reviewer for *Copeia*; local host helper for ASIH meetings in New Orleans, 1996, 2006.

Hollingsworth, Bradford D., Curator, Department of Herpetology, San Diego Natural History Museum, P.O. Box 121390, San Diego, CA 92112. bhollingsworth@sdnhm.org

Research and Education Interests: Systematics and biogeography of amphibians and reptiles of the Southwest and the Baja California peninsula, in addition to the taxonomy of iguanid lizards. Care and maintenance of the 76,000 research specimens, including its installation into a new climate-controlled facility, rehousing to new storage containers, data-basing and inventory, and georeferencing locality data for online distribution. In collaboration with the American Museum of Natural History and the Fernbank Museum of Natural History, development and creation of the travelling museum exhibition *Lizards and Snakes: Alive!*, currently being shown across west coast venues.

Service to ASIH: Board of Governors (2003-2007); Stoye Award judge; Joint Meeting Session chairs, reviewer for *Copeia*, Graduate Student Committee and workshop organizer (1995-1999).

Lutterschmidt, William I., Department of Biological Science and Texas Research Institute for Environmental Studies, Sam Houston State University, Huntsville, Texas 77341.

Lutterschmidt@shsu.edu

Research Interests: Physiological ecology, comparative physiology, and behavior endocrinology of ectothermic vertebrates with emphasis on the thermal relations of physiological rate processes.

Service to ASIH: None to date.

Pyron, R. Alexander, Dept. of Biological Sciences, The George Washington University, Washington, D.C. 20052. rpyron@colubroid.org

Research Interests: Systematics and historical biogeography of reptiles and amphibians, with a focus on speciation and global and regional scale biodiversity processes. Ongoing projects include large-scale phylogenetic estimates of Squamata and Lissamphibia, along with various phylogeographic investigations of North American snakes. Other projects include historical estimates of speciation and extinction rates from neontological and paleontological data, related to ecological and biogeographic transitions.

Service to ASIH. None to date.

Siegel, Dustin S., Assistant Professor, Department of Biology, Southeast Missouri State University, Cape Girardeau, MO 63701. dsiegel2@slu.edu

Research Interests: The anatomy and physiology of urogenital systems in amphibians and reptiles and their correlation with phylogeny, ecology, and reproductive cycles. Current studies include comparative cloacal anatomy in Serpentes, comparative male urogenital anatomy in Caudata, the phylogenetic distribution and function of sexual kidneys in Caudata, and modifications of the genital kidney for sperm transport in Caudata in comparison to the epididymis of amniotes.

Service to ASIH: Graduate student travel awards chairperson 2010-current.

Spencer, Carol, Staff Curator of Herpetology and Researcher, Museum of Vertebrate Zoology, University of California, Berkeley. CA 94720.3160. atrox@berkeley.edu

Research Interests: Biogeography, geographic variation, phylogeography, life history evolution, morphology, diet and reproduction of squamates, particularly those of western North America, and biodiversity informatics.

Service to ASIH: Chair and Judge, General Herpetology Committee, ASIH Stoye Award Student Competition, Joint Meeting of Herpetology and Ichthyology (JMIH) (2009); "Careers in Herpetology" Invited Speaker, SSAR Student Workshop, JMIH (2009); ASIH Meeting Resolutions' Committee (2009); Judge, ASIH Storer Award Best Student Poster Competition, JMIH (2008); Judge, ASIH Stoye Award Best Student Talk Competition, JMIH (2007); Chair and Organizer of the symposium, "A Celebration of the Life of Joe Slowinski.", Herpetologists' League, JMIH (2006); Judge, ASIH Storer Award Student Competition, JMIH (2006); Judge and Chair, ASIH Storer Award Student Competition, JMIH (2005).

Watkins-Colwell, Gregory J., Senior Museum Assistant, Division of Vertebrate Zoology, Yale Peabody Museum of Natural History, New Haven, CT, USA. Gregory.watkins-colwell@yale.edu

Research Interests: Lizard systematics and biogeography; regional herpetofaunal surveys; New England natural history and conservation. Museum collections and collection history.

Service to ASIH: ASIH Collections Committee (2008-present); SPNHC-ASIH Liaison; SSAR/HL/ASIH Herpetological Education Committee (2004-present)

BOARD OF GOVERNORS - ICHTHYOLOGY

Allen, Larry G., Professor of Biology, Department of Biology, California State University, Northridge, CA 91330-8303, larry.allen@csun.edu

Research Interests: Life history, reproductive strategies, population genetics, dispersal, and recruitment of coastal marine fishes. Biogeography of coastal marine fishes. Development and systematics of Gobiesociformes.

Service to ASIH: Local Committee, Annual Meeting, Los Angeles 1994; Raney Award Committee 1997-1999; Nominating Committee 1997; Board of Governors, 1997-2001, 2004-2008; Long-range Planning Committee, 1998-2000; Local Committee, Annual Meeting, La Paz, 2000; Meeting Planning Committee, 2001 – 2008, Meeting Management & Planning Committee 2009-present.

Baker, John A., Department of Biology & Environmental Science Program, Clark University, 950 Main St., Worcester, MA, USA 01610. JBaker@Clarku.edu

Research Interests: My initial work for nearly 15 years was as a fish ecologist, specializing in stream/river fish communities. That work led to a collaboration with David Heins on studying fish life history as well, and this has now become my major focus, though I remain fairly active in stream work. Since 1990 the main focus has been on the Threespine Stickleback, especially on populations in the Pacific Northwest of North America.

Service to ASIH: I have served ASIH in the past by acting as reviewer for many papers, and as a member of the Editorial Board and being a “fast track” reviewer for the Physiology Section.

Cashner, Mollie F., Biology Department, Southeastern Louisiana University, Hammond, LA 70402. mollie.cashner@selu.edu

Research Interests: Evolutionary biology, behavior, systematics, and conservation of fishes particularly in North America with an emphasis on the family Cyprinidae. Current projects include: species delineations within the *Notropis* subgenus *Hydrophlox*; investigations into the role red nuptial coloration plays in the evolution of nest association behaviors; studies of hybridization and genetic integrity of native southeastern fishes; and investigations of the effects of dams on genetic structure of darters and minnows.

Service to ASIH: Education and Human Resources Committee (2009-present); Ichthyology Information Coordinator (2001-2009); JMIH Local Committee Member (2006, New Orleans, LA meeting); Book Raffle Committee Member (2003-2004); Reviewer for *Copeia* (2000-present).

Ferraris, Carl J., Jr., Research Associate: National Museum of Natural History, American Museum of Natural History, and California Academy of Sciences. Address: 2944 NE Couch St, Portland, OR, 97232. Tel. 503 234-2095. carlferraris@comcast.net

Research Interests: Systematic studies of Siluriformes; Nomenclature of Fishes; Fishes of Myanmar

Service to ASIH: Symposium organizer, Catfish Characters and Clades 1988 (Ann Arbor); Local Committee member (NYC) 1990; Workshop organizer, Nomenclature for Novices 1997 (Seattle); Board of Governors 1998-2003; Copeia Editorial Board 2004, 2006, 2010; Copeia Interim Sectional Editor (GI) 2006; Copeia Sectional Editor (GI) 2007–2008; Copeia Associate Editor 2009; Editorial Policy Committee/Publications Policy Committee 2006-2009; Chair, Committee to Nominate Honorary Foreign Member (Ichthyology) 2008, 2009; Local Committee co-chair (Portland) 2009; Symposium co-organizer, All Catfish Species 2009 (Portland).

Kenaley, Christopher P., Burke Museum of Natural History and Culture, University of Washington, Box 355100, Seattle, WA 98195. ckenaley@uw.edu

Research Interests: Systematics, phylogeny, morphology, molecular evolution, and biomechanics of oceanic and deep-sea fishes. Current projects include revisionary systematics of the family Stomiidae, neuroanatomical studies of basal euteleosts, visual pigment evolution of meso- and bathypelagic teleosts, theoretical biomechanics of stomiiform fishes, and a worldwide inventory of all deep-sea fishes.

Service to ASIH: Web Content Management Committee (2009-present); Graduate Student Participation Committee (2006-2009); reviewer for Copeia.

Schaefer, Scott A., Associate Dean of Science for Collections and Curator, American Museum of Natural History, Central Park West at 79th St., New York, NY 10024-5192. schaefer@amnh.org.

Research Interests: Systematics, phylogenetics, biogeography of tropical freshwater fishes; evolutionary morphology. Current projects: revisionary studies of Astroblepidae; phylogenetic and biogeographic studies of Andean fishes; systematics of South American and African characiforms.

Service to ASIH: Editor, Copeia, 2005-2011; Executive Committee, 2005-2011; Board of Governors, ex officio, 1998-2002, 2005-2011; Editorial Policy Committee, 1998-2002, Chair 2005-2011; Copeia Review Committee, 2005; General Ichthyology Editor, Copeia, 1998-2002; Raney Award Committee, 1989-90; Chair, 1990; Stoye Award Judge, 1990; Joint Collections Resources Committee, 1991; Editorial Board, 1997-98; Ad hoc Committee on Electronic Publishing, 1999; Robert H. Gibbs Jr. Memorial Award Committee, 2009-11, Chair 2011.

Snyder, Alexandra M., Division of Fishes, Museum of Southwestern Biology, University of New Mexico, Albuquerque NM 87131 USA. amsnyder@unm.edu

Research Interests: Museum collections management; preparation, preservation, and long-term conservation of collections of fishes (eggs, larval and adult forms); design problems and solutions for fluid collections storage and museum facilities; training students and agency biologists in taking field collections of fishes and data appropriate for ecological research;

Service to ASIH: 1990 invited panel member, National Institute for the Conservation of Cultural Property, ASIH meetings, New York City; 1993 co-moderator, ASIH discussion on fish collections management, Texas Memorial Museum, Austin; 1992-1998, Editor, Proceedings of

ASIH Workshops on Collections Care and Management; 1992-1999 Chair, ASIH Curatorial Supplies and Practice Subcommittee; 1997 Co-Organizer, ASIH Workshop, Preservation of Early Life Forms of Fishes, Amphibians, and Reptiles, Seattle.

Taylor, Christopher M., Professor, Department of Natural Resources Management, Texas Tech University, Lubbock, TX 79409. Cm.taylor@ttu.edu

Research Interests: Stream fish ecology and biogeography. Effects of altered flow regimes on riverine fishes.

Service to ASIH: Stoye Award judge, 1996, 1999 - Ecology and Ethology. Board of Governors, Class of 2002. Associate Editor, Ecology and Ethology 2003 – 2006.

Warren, Melvin L., Jr., Center for Bottomland Hardwoods Research, USDA Forest Service, Oxford, MS 38655. fswarren@olemiss.edu

Research Interests: Ecology and conservation of stream fishes. Ongoing projects include co-editing of multi-volume book entitled North American Freshwater Fishes: Natural History, Ecology, and Conservation (49 chapters with 71 contributing authors); evaluations of climate change vulnerability of natural resources in west African countries (with USAID); quantification of the importance of small wood as habitat for fishes in sand-bed Gulf Coastal Plain streams; conservation status, genetics, and meso and microhabitat use of the Yazoo Darter, a narrow ranging endemic of the upper Yazoo River; long-term population demographics of freshwater mussels in an intact southeastern river system; relationships between diversity and stability in stream fishes; and fish assemblages and flooding dynamics in forested habitats of the lower Mississippi Alluvial Valley.

Service to ASIH: Chair Endowment and Finance Committee and EXCOM Member, 2001-2002, 2005-2006; Chair, Environmental Quality Committee (now Environmental Quality Committee), 1995-1998; Governor, Board of Governors, 1999-2004; Representative to the American Fisheries Society, 1994 to present; Member, President's Ad-hoc Committee on Capitalization of Fish Common Names, 2002-2004; Member, Presidents Ad-hoc Recognition and Awards Committee, 2002; Member, Conservation Committee (formerly Environmental Quality Committee), 1993 to present; Member, Endowment and Finance Committee, 1999 to 2007; Reviewer Copeia.

ROBERT H. GIBBS, JR. MEMORIAL AWARD COMMITTEE

Mooi, Randall D., Curator of Zoology, The Manitoba Museum, 190 Rupert Ave., Winnipeg, Manitoba, Canada R3B 0N2; rmooi@manitobamuseum.ca

Research Interests: Systematics, taxonomy, and biogeography of acanthomorph fishes, and systematic theory. Ongoing projects include: higher level systematics of the Gobioidae using morphology; revisionary and systematic studies within the Gobiidae; revision of the family Pempheridae; population variation and differentiation in northern Gasterosteiformes as well as (gasp!) *Thamnophis* and *Anaxyrus*; exploring the nature of evidence, homology, and systematic-thinking vs tree-thinking in systematics .

Service to ASIH: Board of Governors 2010-present; Stoye Award judge; reviewer for *Copeia*; Editorial Board of *Copeia* (1992-present); Resolutions Committee (2010).

Sidlauskas, Brian L., Department of Fisheries and Wildlife, Oregon State University, Corvallis, OR, 97331. brian.sidlauskas@oregonstate.edu

Research Interests: My research unites phylogenetics, systematics, morphometrics, comparative anatomy, taxonomy and computer simulations to understand the biodiversity of freshwater fishes. Much of my work has targeted the Characiformes, particularly the South American headstanders in family Anostomidae. In addition to continuing molecular and morphological studies of anostomoid systematics, new work in my lab addresses cryptic diversification, endemism, biogeography and conservation of native freshwater fishes in Oregon and South Africa. Specimens from natural history collections figure prominently in my research, and I also curate the Oregon State University Ichthyology Collection.

Service to ASIH: Board of Governors 2009-2013. Editorial Board for *Copeia* (2007-present). Reviewer for *Copeia* (2005-present). Storer Award Judge (2008 and 2009). JMIH session chair 2004-2009.

Vari, Richard P., Division of Fishes, National Museum of Natural History, Smithsonian Institution, Washington DC 20560. varir@si.edu

Research Interests: Systematics and phylogeny of fishes of the orders Characiformes, Siluriformes, and Gymnotiformes with a focus on South America and sub-Saharan Africa. Ongoing projects include revisionary and phylogenetic studies within the family Apterontidae (Gymnotiformes), higher level phylogenetic studies of the Characiformes using both morphological and molecular methods; studies of various groups of South American characiforms; revisionary studies of *Nannocharax* and *Hemigrammocharax* (Characiformes), and projects on various genera of African catfishes.

Service to ASIH: Board of Governors 1981-1985; Stoye Award judge; reviewer for *Copeia*; Editorial Board of *Copeia* (2000-present); Nominating Committee (2009-present); Chair Nominating Committee (2011)

ROBERT K. JOHNSON COMMITTEE

Bart, Henry L., Jr., Professor of Ecology and Evolutionary Biology, Tulane University, and Director and Curator of Fishes, Tulane University Museum of Natural History.
hank@museum.tulane.edu

Research Interests: Ecology and systematics of freshwater fishes and neotropical salamanders.

Service to ASIH: Board of Governors 1996-2000; 2006-2010; Local Arrangements Committees - Norman 1984, New Orleans 1996, New Orleans 2006 (Co-Chair); Robert H. Gibbs Memorial Award Committee 2001-2003; Special Publications Committee 2001-present; Meeting Management Committee 2001-2007; ASIH Ichthyological Animal Care Committee 1998-99; member Joint AFS-ASIH Committee to Revise Guidelines on Use of Fishes in Research 1998-2004. Web Content and Management Committee (2006-present); Frequent service on Student Award Committee, Session Moderator at meetings, Reviewer for *Copeia*.

Greenfield, David W., Research Associate, Department of Ichthyology, California Academy of Sciences; Emeritus Professor, Department of Zoology, University of Hawaii.
greenfie@hawaii.edu

Research Interests: Systematics and ecology of coral-reef fishes. The major groups I now am studying are the gobies, cardinalfishes, and toadfishes. I also have surveyed the fishes of Fiji and continue to work on their identification.

Service to ASIH: President, American Society of Ichthyologists and Herpetologists – 1995; Board of Governors- 1996-present as past president; 1987-1992, 1980-1985, 1973-1978. Nominating Committee-1983-1984; Local Chair, 62nd Annual Meeting of the American Society of Ichthyologists and Herpetologists, DeKalb, Illinois, June 1982; Time and Place Committee-1979-1983; Committee on Environmental Quality-1974-1975; American Fisheries Society and American Society of Ichthyologists and Herpetologists Joint Committee on Introduction of Exotic Fishes and other Aquatic Organisms-1969-1970; Index Editor for *Copeia*-1969-1970.

Sabaj Pérez, Mark H., Collection Manager of Fishes, Academy of Natural Sciences, 1900 Benjamin Franklin Parkway, Philadelphia, PA 19103. sabaj@ansp.org

Research Interests: Taxonomy, systematics and biogeography of living and fossil thorny catfishes (Siluriformes: Doradidae) as well as discovery/description of new taxa of Neotropical fishes and documentation of ichthyofaunas of Brazil, Guyana, Peru, Suriname and Venezuela. Ongoing projects involving doradids include revisionary and phylogenetic studies using both morphological and molecular data.

Service to ASIH: Board of Governors (2005-2009); Ichthyological & Herpetological Collections Committee (2002-present, Chair since 2009); Storer Award judge (2003); Calligrapher (1993, 1995-1999); reviewer for *Copeia* (1998-present); Compiler/editor of standard symbolic codes for institutional resource collections in herpetology and ichthyology (2010-present).

HENRY S. FITCH COMMITTEE

Durtsche, Richard D. Department of Biological Sciences, Northern Kentucky University, Highland Heights, KY 41099. durtsche@nku.edu.

Research Interests: Feeding ecology, digestive physiology and thermal biology of amphibians and reptiles, with primary focus on anuran larvae and lizards. Current and ongoing projects include investigations of the ontogenetic changes in the digestive mechanisms and nutrient uptake in tadpoles, and studies on the impact of the invasive shrub, Amur honeysuckle, on tadpole growth and nutritional ecology.

Service to ASIH: Board of Governors 2009-2012; Stoye Award judge; reviewer for *Copeia*.

Frost, Darrel R. Division of Vertebrate Zoology (Herpetology), American Museum of Natural History, New York NY 10024. frost@amnh.org

Research Interests: Systematics of amphibians and reptiles as well as philosophy of science. Current projects include a review of the epistemological issues of currently popular methods of phylogenetic analysis and work on various groups of squamates.

Service to ASIH: Chair, Audit Committee (2010); President (2006); Co-chair, Student Awards Committee (2005); C-chair, Student Awards Committee (2005); Judge, Storer Award Committee (1998, 1999), Board of Governors (1993-98, 2007-present).

Sever, David M. Department of Biological Sciences, Southeastern Louisiana University, Hammond, LA 70403. dsever@selu.edu

Research Interests: Comparative anatomy and phylogeny of the secondary sex characters and sex accessory structures of amphibians and reptiles. Ongoing histological and ultrastructural projects include cloacal anatomy, female sperm storage, and male urogenital ducts.

Service to ASIH: Stoye Award judge; reviewer for *Copeia*.

47. Appendix E. JMIH MOU 2011

MEMORANDUM OF UNDERSTANDING

By and Among

The American Society of Ichthyologists and Herpetologists,

The Herpetologists' League,

The Society for the Study of Amphibians and Reptiles,

and the

American Elasmobranch Society

Regarding

Participation and Financial Responsibility for the Annual

Joint Meeting of Ichthyologists and Herpetologists.

MEMORANDUM OF UNDERSTANDING

WHEREAS, the four professional societies of American ichthyologists and herpetologists have held coordinated annual meetings in what has become the Joint Meeting of Ichthyologists and Herpetologists (JMIH); and

WHEREAS, past annual meetings of the four JMIH societies have proved to be a successful venue for participating scientists to present their research findings and have fruitful interactions with members of each society; and,

WHEREAS, The American Society of Ichthyologists and Herpetologists currently assumes complete financial responsibility for the annual JMIH; and,

WHEREAS, the four sponsoring societies understand that the financial goal of the JMIH is to have the meeting pay for itself; and,

WHEREAS, the four sponsoring societies have expressed their intent to continue their full participation in the annual JMIH; and,

WHEREAS, the four sponsoring societies have expressed their intent to share the financial responsibility for the annual JMIH.

NOW, THEREFORE, the four sponsoring societies agree as follows:

A. The above recitals are true and correct and are incorporated herein as if fully set forth below.

B. To affirm their intent to continue to conduct their annual societal meeting as a full sponsoring participant in the Joint Meeting of Ichthyologists and Herpetologists. Selection of JMIH venues will be made by a unanimous vote of the Meeting Management and Planning Committee, a committee composed of representatives of the four sponsoring societies.

C. To affirm their intent to share the financial risks and benefits accrued by their participation in the JMIH.

D. To affirm their intent to allow the American Society of Ichthyologists and Herpetologists, through the Treasurer of that society, to serve as the central bank for all financial obligations until all financial obligations for an annual JMIH are fully accounted for. Under present operating procedures, representatives of the Kansas State Division of Continuing Education maintain a complete and detailed accounting of all income and expenses for the JMIH. The treasurers of each of the four societies will receive copies of the full accounting statement and participation numbers by society from KSU for each JMIH as soon as they become available. The treasurers will determine the JMIH financial position for each of the societies (expenses paid plus donations received less costs incurred), and send a report of their agreed-upon accounting to the MMPC. By signing this MOU it is understood that each society will be financially responsible for expenses that benefit only one or a few of the participating societies. For example, if the HL and SSAR sponsor an auction that incurs expenses, then they will be responsible for those expenses before any meeting profits are divided. Likewise, if the ASIH provides lunch for committee members then the ASIH is responsible for those expenses before any profits are divided. This same rationale applies to any type of activity that serves one or a few of the member societies. Any money gained by auctions or other fund raising events, sponsored by one or a few of the participating societies will belong to the one or few societies directly involved in that event. On the other hand, if the meeting fails to generate a sufficient income to pay all expenses, then the cost to each society is prorated as detailed below. The Meeting Management and Planning Committee shall serve as arbitrator if any discrepancies arise. Each year the ASIH Secretary's Office will make arrangements with an abstract submission service and organize the abstracts received into a form allowing efficient meeting organization

when the MMPC meets in the spring before the JMIH. The ASIH considers this service to be an annual JMIH expense of \$5,000.00.

E. To affirm that credits or debits accrued by the JMIH be prorated according to the degree of participation of each of the four societies. This method for prorating funds is straight forward. Upon registration for the JMIH, each participant declares membership in one or more of the four sponsoring societies. For example, a herpetologist that belongs to the ASIH, SSAR and HL counts as one full share for each of the three societies, the same holds for an ichthyologist that may be a member of AES and the ASIH, each society gets one full share. The number of participants of each society constitutes the number of shares that society holds for that meeting. After all financial obligations for the execution of an annual meeting have been paid; the representatives of Kansas State University will file a final financial report with the four societies and the MMPC indicating the financial status of the meeting. The final determination of four societies' income or expenses will be determined by consultation and agreement of the treasurers of the four societies. If the JMIH shows a profit, then those monies will be divided according to the number of shares accrued by each of the four societies. Likewise, if the JMIH shows a loss, then the funds to cover the loss will be divided according to the number of shares accrued by each society. Final JMIH income or costs determined by KSU will be received or paid by the ASIH as the central bank, and the other societies will be paid by or owe the ASIH once the final JMIH financial outcome by society is determined.

F. To affirm that the effective date for the Memorandum of Understanding is 1 January 2014. This MOU covers the JMIH for five years (2014, 2015, 2016, 2017, and 2018). This agreement will be in place through 31 December 2018, or until all financial obligations have been met for each meeting covered by this MOU. The societies should consider whether to renew the MOU again in 2016 (for a five-year period starting in 2019) in order to begin the site-selection process for a 2019 JMIH.

G. To affirm that any of the four sponsoring societies may withdraw from this Memorandum of Understanding by giving written notice to the other societies at least 18 months in advance of their intended withdrawal date.

H. To affirm that any other group or society that may meet in conjunction with the four JMIH societies is not included in this Memorandum of Understanding. Any surplus funds or expenses accrued by the participation of these non-JMIH societies shall be considered general meeting funds and divided according to the same procedures as outlined above.

I. To affirm willingness to cooperate with each other to every extent possible and to resolve any potential conflicts in a professional manner.

APPROVALS:

For the American Society of Ichthyologists and Herpetologists

President Michael E. Douglas Date 8 May 2011

For the Herpetologists' League

President Harold Heatwole Date 14 May 2011

For the Society for the Study of Amphibians and Reptiles

President M.P. Alt Date 19 May 2011

For the American Elasmobranch Society

President Robert A. Gold Date 5/2/2011

48. Appendix F. BOG, Officers, *Copeia* Staff, Committees (2011)

OFFICERS & COMMITTEES - 2011

OFFICERS

PRESIDENT – Michael E. Douglas - med1@uark.edu
PRESIDENT ELECT – Stephen J. Beupre – sbeupre@uark.edu
PAST PRESIDENT – James Hanken - hanken@oeb.harvard.edu
PRIOR PAST PRESIDENT – John G. Lundberg - lundberg@acnatsci.org
EDITOR - Scott A. Schaefer - schaefer@amnh.org
SECRETARY - Maureen A. Donnelly - maureen.a.donnelly@gmail.com
TREASURER - Margaret A. Neighbors - mneighbors@prodigy.net

AUDIT COMMITTEE

John Lundberg - lundberg@acnatsci.org (Chair)
Members: Henry Mushinsky, James Hanken

COMMITTEE ON SPECIAL PUBLICATIONS

Jon Armbruster - armbrjw@auburn.edu (Chair)
Members: Hank Bart, Jacqueline Litzgus

COMMITTEE ON GRADUATE STUDENT PARTICIPATION

Caleb McMahan - cmcmah2@lsu.edu (Chair)
Ryan Chabarria - ryan.chabarria@gmail.com (Chair-elect)
Mallory Eckstut - eckstutm@unlv.nevada.edu (Secretary)

Book Raffle Committee:

Vivian Maccachero - vmacc001@fiu.edu (Chair)
Members: Malorie Hayes (malorie.hayes@selu.edu); Michelle Tipton (mtipton@wesleyan.edu); Jennifer Stynoski (stynoski@gmail.com)

Workshop committee

Luke Tornabene - luke.tornabene@tamucc.edu (Chair)
Members: Shab Mohammadi (shab.mohammadi@gmail.com); Todd Clardy (tclardy@vims.edu)

Travel awards organizer – Dustin Siegel - dsiegel2@slu.edu

Conservation Subcommittee

Nick Vandenbroek - vandenbroek.nick@gmail.com (Chair)
Members: Michelle Tipton (mtipton@wesleyan.edu)

Local contact for 2011 JMIH – In progress

Web Content Coordinator – Heather Heinz - aileens@gmail.com

CONSERVATION COMMITTEE

Frank McCormick - FMcCormick@fs.fed.us (Chair)

Members: Matt Aresco, Zach Baldwin (student member), Jonathan Baskin, Noel Burkhead, Todd Campbell, Jacque Carter, Barry Chernoff, Walt Courtenay, Anna George, David Green, Harry Greene, Pat Gregory, Gene Helfman, Karen Lips, Bill Loftus, Nick Mandrak, Joe Mitchell, Henry Mushinsky, Jack Musick, Joe Nelson, Phil Pister, George Rabb, Stephen Richter, Al Savitzky, Brad Shaffer, Gerald (Jerry) Smith, Michelle Tipton (student member), Peter Unmack, Steve Walsh, Mel Warren, Jim Williams

EDUCATION AND HUMAN RESOURCES COMMITTEE

George Middendorf - gmiddendorf@howard.edu (Chair)

Members: Mollie Cashner, Carol Johnston, John Steffen

ENDOWMENT and FINANCE COMMITTEE

Eric Schultz - eric.schultz@uconn.edu (Chair)

Members: David Cundall (Chair elect; 2010-2012), Steve Platania (2008-2012), Larry Page (2009-2013), Bruce Collette (2011-2013), Frank Fezold (2011-2013), Mike Retzer (2011-2013), Margaret Neighbors (Ex Officio), Patrick Gregory (Ex Officio), Jacqueline Litzgus (Ex Officio)

EXECUTIVE COMMITTEE

Micahel E. Douglas - med1@uark.edu (Chair & President)

Members: Steven J. Beaupre (President-Elect), James Hanken (Past President), John Lundberg (Prior Past President), Patrick Gregory (Co- Chair of LRPP), Jacqueline Litgus (Co-Chair of LRPP) Scott Schaefer (Editor), Eric Schultz (Chair of ENFC), Maureen Donnelly (Secretary), Margaret Neighbors (Treasurer)

HENRY S. FITCH AWARD COMMITTEE

Whit Gibbons - wgibbons@srel.edu (Chair)

Members: Jonathan Losos (2010-2012), Henry R. Mushinsky (2011-2013)

HONORARY FOREIGN MEMBER - HERPETOLOGY

Steven J. Beaupre - sbeaupre@uark.edu (Chair)

Members: Patrick Gregory, Michael E. Douglas

HONORARY FOREIGN MEMBER - ICHTHYOLOGY

Bruce B. Collette - collettb@si.edu (Chair)

Members: Carl Ferraris, Jr., Walter Courtney

GAIGE FUND AWARD COMMITTEE

Emily Taylor - etaylor@calpoly.edu (Chair)

Members: Jeanne Robertson (2010-2012), Ralph Saporito (2011-2013)

ICHTHYOLOGICAL AND HERPETOLOGICAL COLLECTIONS COMMITTEE

Mark Sabaj - sabaj@acnatsci.org (Chair)

Members: Barbara Brown, Andy Bentley, Stanley D. Blum, Paulo Andrea Buckup, David Catania, Matthew T. Craig, J. Tomas Giermakowski, Dean Hendrickson, Cynthia Klepadlo, Katherine Pearson Maslenikov, Richard Pyle, Nelson Rios, Rob Robins, Mary Anne Rogers, Jessica Rosales, Gregory Schneider, Ken Thompson, Lou Van Guelpen, Jens V. Vindum, H. J. Walker, Jeff Williams

Newsletter Subcommittee: H. J. Walker - hjwalker@ucsd.edu (Chair) Members: Cynthia Klepadlo, Rob Robins, Lou Van Guelpen, Matthew T. Craig

Supplies and Practices Subcommittee: Nelson Rios - nelson@museum.tulane.edu (Chair)
Members: Barbara Brown, Mary Anne Rogers, Jessica Rosales, Mark Sabaj Pérez, Gregory Schneider, Ken Thompson, Lou Van Guelpen, J. Tom Giermakowski, Andy Bentley

Ichthyological & Herpetological Data Standards Subcommittee: Jeffrey T. Williams - WILLIAMSJT@si.edu (Chair)

Members: Stanley D. Blum, Paulo Andrea Buckup, David Catania, Dean Hendrickson, Richard Pyle, Nelson Rios, Katherine Pearson Maslenikov, Jens V. Vindum

JOINT ASIH-AFS COMMITTEE ON NAMES OF FISHES

PENDING - 21 January 2011 - the 2010 committee is listed below

Lawrence M. Page - lpagel@ufl.edu (Chair)

Members: Héctor Espinoza-Pérez, Lloyd Findley, Carter Gilbert, Robert Lea, Nicholas Mandrak, Richard L. Mayden, Joseph S. Nelson

ROBERT K. JOHNSON AWARD COMMITTEE

C. Richard Tracy - dtracy@biodiversity.unr.edu (Chair)

Members: James Orr (2010-2012), Alan H. Savitzky (2011-2013)

LONG RANGE PLANNING AND POLICY COMMITTEE

Pat Gregory - viper@uvic.edu (Co-Chair)

Jacqueline Litzgus - jlitzgus@laurentian.ca (Co Chair)

Members: Donald Buth, Robert Cashner, Carol Johnston, Frederick Zaidan III, Steve Ross (Ex Officio), Eric Schultz (Ex Officio)

MEETING MANAGEMENT AND PLANNING COMMITTEE

Bob Cashner - bobcashner@gmail.com (Chair)

Members: Larry Allen, Joe Mendelson (SSAR), Meredith Mahoney (HL), Ed Heist (AES), Henry Mushinsky, Maureen Donnelly (Ex Officio)

NOMINATING COMMITTEE

Richard Vari - roger.anderson@wwu.edu (Chair)

Members: Roger Anderson, Stephen T. Ross, Brian I. Crother

PUBLICATION POLICY COMMITTEE

Scott Schaefer - schaefer@amnh.org (Chair)

Members: all Associate Editors and Book Review Editor

RANEY FUND AWARD COMMITTEE

Kyle R. Piller - kyle.piller@selu.edu (Chair)

Members: Kyle R. Piller (2009-2011), Matt Craig (2010-2012)

RESOLUTIONS COMMITTEE

TBA: prior to 2011 meeting

ROBERT H. GIBBS, JR. MEMORIAL AWARD COMMITTEE

Scott A. Schaefer - schaefer@amnh.org (Chair)

Members: Scott A. Schaefer (2009-2011), Bruce B. Collette (2010-2012)

SOCIETY HISTORIAN ICHTHYOLOGY - David G. Smith - smith.davidg@nmnh.si.edu

SOCIETY HISTORIAN HERPETOLOGY - Joseph C. Mitchell - dr.joe.mitchell@gmail.com

STUDENT AWARDS COMMITTEE

Jon Armbruster - armbrjw@auburn.edu (Chair)

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

WEB CONTENT AND MANAGEMENT COMMITTEE

John Lundberg - lundberg@ansp.org (Chair)

Members: Hank Bart, Mo Donnelly, Melissa Gibbs, Chris Kenaley, Andres Lopez, Margaret Neighbors, Nelson Rios, Tiffany Schriever

HISTORY OF THE SOCIETY COMMITTEE

David G. Smith - smithd@si.edu (Co-Chair)

Joseph C. Mitchell - dr.joe.mitchell@gmail.com (Co-Chair)

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

REPRESENTATIVES TO OTHER SOCIETIES

AMERICAN ELASMOBRANCH SOCIETY - Ed Heist - edheist@siu.edu

AMERICAN FISHERIES SOCIETY - Mel Warren, Jr. - fswarren@olemiss.edu

AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES - Alan Savitzky - asavitzk@odu.edu

EARLY LIFE HISTORY SECTION OF AMERICAN FISHERIES SOCIETY -
PENDING mailto:jacqueline_webb@mail.uri.edu

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

SOCIETY FOR THE PRESERVATION OF NATURAL HISTORY COLLECTIONS -
Andrew Bentley - abentley@ku.edu

SOCIETY FOR STUDY OF AMPHIBIANS AND REPTILES AND HERPETOLOGISTS'
LEAGUE - Alan Savitzky - asavitzk@odu.edu

49. Appendix G. Curricula Vitae for Honorary Foreign Members

Selected publications of P. H. Skelton – Honorary Foreign Member (Ichthyology)

Ferraris, C. J., Jr., P. Skelton, and R. P. Vari. 2010. Species of the *Doumea chappuisi* complex (Siluriformes, Amphiliidae) with the descriptions of new species from the upper Sanga River and Nyong River basins. *Copeia* 2010 (no. 4): 705-715.

Skelton, P.H. 2008. Amphiliidae. In M.L. Stiassny, G.G. Teugels & C.L Hopkins (eds). The Fresh and Brackish Water Fishes of Lower Guinea, West-Central Africa. RMCA (Tervuren), IRD (Paris), Museum d'Histoire Naturelle (Paris), & AMNH, New York.

Tweddle, D & P.H. Skelton. 2008. New species of 'Barbus' and *Labeobarbus* (Teleostei: Cyprinidae) from the South Rukuru River, Malawi, Africa. *Smithiana Bulletin* 8: 25-39.

Impson, N.D., M.S. Marriott, I.R. Bills and P.H. Skelton. 2007. Conservation biology and management of a critically endangered cyprinid, the Twee River Redfin, *Barbus erubescens* (Teleostei: Cyprinidae), of the Cape Floristic Region, South Africa. *African Journal of Aquatic Science* 32 (1): 27-33.

Kramer, B., P.H. Skelton, H van der Bank, & M Wink. 2007. Allopatric differentiation in the *Marcusenius macrolepidotus* species complex in Southern and eastern Africa: the resurrection of *M. pongolensis* and *M. angolensis*, and the description of two new species (Mormyridae, Teleostei). *Journal of Natural History*, 2007; 41(9-12): 647-708.

Naran, D., P.H. Skelton & M.H. Villet. 2007. Karyology of three evolutionarily hexaploid southern African species of yellowfish, *Labeobarbus* Rüppel, 1836 (Cyprinidae). *African Zoology* 42 (2): 254-260.

Scott, L.E.P., Skelton, P.H., Booth, A.J., Verheust, L., Dooley, J., & Harris, R. 2007. An Atlas of Southern African freshwater fishes. *Journal of Afrotropical Zoology – Special Issue* (2007): 181-186.

Skelton, P.H. 2007. New species of the amphiliid catfish genera *Amphilius*, *Doumea* and *Phractura* and the taxonomy of *Paramphilius* from West Central Africa (Siluriformes, Amphiliidae). *Zootaxa* 1578:41-68.

Swartz, E.R., Skelton, P.H. & Bloomer, P. 2007. Sea level changes, river capture and the evolution of the Eastern Cape redfin (*Pseudobarbus afer*, Cyprinidae) across multiple river systems along the southern coast of South Africa. *Journal of Biogeography* 34, 2086-2099.

Naran, D., Skelton, P.H. & M.H. Villet. 2006. Karyology of the redfin minnows, genus *Pseudobarbus* Smith, 1841 (Teleostei, Cyprinidae): one of the evolutionary tetraploid lineages of South African barbines. *African Zoology* 41 (2): 178-182.

- Scott, L.E.P., Skelton, P.H., Booth, A., Verheust, L., Dooley, J. & Harris, R. 2006. Atlas of Southern African Freshwater Fishes. Smithiana Monographs, 2, 303 pp.
- Russell, I.A., & Skelton, P.H. 2005. Freshwater fishes of the Golden Gate Highlands National Park. Koedoe 48(1), 87-94.
- Thieme M.L., R. Abell, M.L. Stiassny, P.H. Skelton, B. Lehner, G.G. Teugels, E. Dierstein, A.K. Toham, N. Burgess, & D Olson. (Editors) 2005. Freshwater Ecoregions of Africa and Madagascar, A Conservation Assessment. Island Press, Washington DC, USA.
- Skelton, P.H. 2002. Changes to the scientific and common names of southern African freshwater fishes. African Journal of Aquatic Science, v. 27 (no. 2):171-174.
- Skelton, P.H. 2001. A complete guide to the freshwater fishes of southern Africa. Revised 2nd edition. Struik Publishers, Cape Town. 395pp. reprinted 2004; 2007.
- Skelton P.H. and Teugels, G.G. (editors) 2001. African fish and Fisheries – diversity and Utilization. Annales du Musee Royal de l'Áfrique Centrale, Tervuren, Belgique. 288, 1-105.
- Tweddle, D. and P.H. Skelton 1998. Two new species of *Varicorhinus* (Teleostei: Cyprinidae) from the Ruo River, Malawi, Africa, with a review of other southern African *Varicorhinus* species. Ichthyological Exploration of Freshwaters v. 8 (no. 4): 369-384.
- Skelton, P.H. and J.R.E. Lutjeharms 1997. The J. L. B. Smith Institute of Ichthyology - 50 years. Transactions of the Royal Society of South Africa v. 51 (1996): 1-320.
- Skelton, P.H. and J.R.E. Lutjeharms (Editors) 1996. The J.L.B. Smith Institute of Ichthyology - 50 years. The JLB Smith Institute of Ichthyology (by the Royal Society of South Africa). Cape Town. 320pp.
- Skelton, P. H. 1996. A review of *Opsaridium zambezense* (Pisces: Cyprinidae) from southern Africa with description of a new species from Malawi. Ichthyological Exploration of Freshwaters v. 7 (no. 1): 59-84.
- Berrebi, P, M. Kottelat, P. Skelton and P. Rab 1996. Systematics of *Barbus*: state of the art and heuristic comments. Folia Zoologica: International Journal of Vertebrate Zoology. v. 45 (supplem. 1): 5-12.
- Skelton, P.H. 1993. A complete guide to the freshwater fishes of southern Africa. Southern Book Publishers, Ltd.. i-xiii + 1-388.
- Skelton, P.H. and G. G. Teugels 1992. Neotype description for the African catfish *Clarias gariepinus* (Burchell, 1822) (Pisces: Siluroidei: Clariidae). Ichthyological Bulletin of the J. L. B. Smith Institute of Ichthyology No. 56: 1-7.

Skelton, P.H. 1991. *Chetia* (pp. 43-44), *Pharyngochromis* (376-377), *Psuedocrenilabrus* (394-398). In: Daget et al. 1991 [ref. 20942]. Check-list of the freshwater fishes of Africa. CLOFFA. Vol. 4.

Skelton, P.H. and G. G. Teugels 1991. *Serranochromis* (pp. 442-453). In: Daget et al. 1991 [ref. 20942]. Check-list of the freshwater fishes of Africa. CLOFFA.

van Oijen, M.J., P. J. Snoeks, P.H. Skelton, C. Maréchal and G. G. Teugels 1991. *Haplochromis* (pp. 100-184). In: Daget et al. 1991 [ref. 20942]. Check-list of the freshwater fishes of Africa. CLOFFA. Vol. 4.

De Vos, L. and P. H. Skelton 1990. Name changes for two common African catfishes. Rehabilitation of *Schilbe intermedius* Ruppel, 1832 (Siluriformes, Schilbeidae). *Cybium* v. 14 (no. 4): 323-326.

Skelton, P. H. 1990. A new *Barbus* minnow (Pisces, Cyprinidae) from the eastern Cape Province, South Africa. *South African Journal of Zoology*. v. 25 (no. 3): 188-193.

Skelton, P.H. and P.N. White 1990. Two new species of *Synodontis* (Pisces: Siluroidei: Mochokidae) from southern Africa. *Ichthyological Exploration of Freshwaters* v. 1 (no. 3): 277-287.

Skelton, P. H. 1989. Descriptions of two new species of West African amphiliid catfishes (Siluroidei: Amphiliidae). *J.L.B. Smith Institute of Ichthyology Special Publication No. 48*: 1-13.

Skelton, P. H. 1988. The taxonomic identity of the dwarf or blackspot *Ctenopoma* (Pisces, Anabantidae) in southern Africa. *Cybium* , v12 (no. 1): 73-89.

Skelton, P. H. 1988. A taxonomic revision of the redfin minnows (Pisces, Cyprinidae) from southern Africa. *Annals of the Cape Provincial Museums (Natural History)* v. 16 (pt 10): 201-307.

Skelton, P. H. and P. Stuart 1987. A history of the collection of freshwater fishes and a catalogue of the types of freshwater fishes in the Albany Museum, Grahamstown. *Annals of the Cape Provincial Museums (Natural History)* v. 16 (pt 8): 179-189.

Teugels, G. G. , P.H. Skelton, and C. Lévêque 1987. A new species of *Amphilius* (Pisces, Amphiliidae) from the Konkoure Basin, Guinea, West Africa. *Cybium* v. 11 (no. 1): 93-101.

Bauchot, M.-L. and P. H. Skelton 1986. Sparidae (pp. 331-332). In: Daget et al. 1986, Check-list of the freshwater fishes of Africa. CLOFFA.

Skelton, P.H. and G.G. Teugels 1986. Amphiliidae (pp. 54-65). In: Daget et al. 1986 , Check-list of the freshwater fishes of Africa. CLOFFA.

- Skelton, P.H. 1986. Two new *Amphilius* (Pisces, Siluroidei, Amphiliidae) from the Zaire River system, Africa. *Revue Zoologique Africaine* v. 99 (no. 3): 263-291.
- Skelton, P.H. , M.N. Bruton, et al. 1985. The fishes of the Okavango drainage system in Angola, South West Africa and Botswana: Taxonomy and distribution. *Ichthyological Bulletin of the J. L. B. Smith Institute of Ichthyology* No. 50: 1-21.
- Skelton, P.H. 1984. A systematic revision of species of the catfish genus *Amphilius* (Siluroidei, Amphiliidae) from east and southern Africa. *Annals of the Cape Provincial Museums (Natural History)* v. 16 (no. 3): 41-71.
- Skelton, P.H. , L. Risch, and L. de Vos 1984. On the generic identity of the *Gephyroglanis* catfishes from southern Africa (Pisces, Siluroidei, Bagridae). *Revue Zoologique Africaine* v. 98 (no. 2): 337-372.
- Skelton, P.H. 1981. The description and osteology of a new species of *Gephyroglanis* (Siluriformes, Bagridae) from the Olifants River, South West Cape, South Africa. *Annals of the Cape Provincial Museums (Natural History)* v. 13 (no. 15): 217-249.
- Skelton, P.H. 1976. A new species of *Mastacembelus* (Pisces, Mastacembelidae) from the upper Zambezi River, with a discussion of the taxonomy of the genus from this system. *Annals of the Cape Provincial Museums (Natural History)* v. 11 (no. 6): 103-116.
- Skelton, P.H. 1974. A new *Barbus* species (Pisces, Cyprinidae) from the Olifants river system, western Cape Province, South Africa. *J.L.B. Smith Institute of Ichthyology Special Publication* No. 13: 1-12

MICHAEL BADEN THOMPSON
Professor in Zoology,
School of Biological Sciences,
Zoology (A08), University of Sydney,
Sydney, NSW 2006, Australia
+61 2 9351-3989 (direct line)
+61 2 9351 4119 (FAX)
E-mail: Mike.Thompson@sydney.edu.au

PERSONAL

ADDRESS: (home) 46 Orient Rd, Padstow,
NSW 2211, Australia.
Telephone: (02) 9792 2585
MARITAL STATUS: Married to Joanne Alison Thompson
NATIONALITY: Australian citizen

EDUCATION

1977 B.Sc. (Hons) in Zoology. University of Adelaide.
1983 Ph.D. University of Adelaide (Awarded 4 May, 1984).
Scholarships:

PRESENT POSITION

I took up a lectureship in Animal Biology in the School of Biological Sciences on July 12, 1989. I gained tenure in 1991, Senior Lectureship in 1992, and Associate Professor in 2000. I became Head of School in 2005 and Professor in Zoology in 2007. I stepped down as Head of School in 2008 and became Associate Dean (Research) in the Faculty of Science in 2010 and Deputy Dean of Science in 2011. In my position as one of the comparative physiologists, I teach comparative and ecological physiology at third year level. In addition, I teach Amphibia, Reptilia, and Transition to Terrestrial Life in Vertebrates in Second year and I have administered units of study in 1st, 2nd, and 3rd year.

RESEARCH

Interests

My research interests include vertebrate eco-physiology, the evolutionary aspects of physiological ecology, conservation biology and morphology. My current major focus is aspects of the reproductive physiology of reptiles, especially related to the evolution of viviparity. I like to develop research programs that combine field work with complementary laboratory studies and to develop collaborative studies where possible. I have broad experience with the physiology of eggs and embryos, which led to my current emphasis on viviparity in reptiles. Additionally, I have experience in a wide range of fields (see Publications List). I have made major contributions to the understanding of the physiology of reptilian embryonic development, and to the understanding of the evolution of viviparity by using lizards as a model. These

contributions have manifested themselves in several invited reviews and international symposium presentations.

Research Excellence Award

1998 Award for Research Excellence, Academic Award Scheme, School of Biological Sciences, University of Sydney

Postgraduate Students

1. M.Sc.

Woon, Peter. Habitat preferences of platypus (*Ornithorhynchus anatinus* Shaw 1799) in the Hastings River catchment, NSW. (Awarded, 1995)

Dela-Cruz, Jocelyn. Ion and water balance in *Cardisoma* crabs. (Awarded, 1998)

Ikin, Timothy. Visual discrimination learning and optic nerve regeneration in adult lizards. (Awarded, 2003)

Qiong (Jasper) Wu. The fossorial skink *Saiphos equalis* selects low body temperatures and is nocturnal. (Masters of Wildlife Research, Awarded, 2008)

Qiong (Jasper) Wu. Distribution of cadherins in the uterine epithelium of lizards (*Niveoscincus* sp.) during pregnancy. (MSc, submitted 2009, Awarded 2010)

2. Ph.D.

Primary supervisor

Krockenberger, Andrew. (interim supervisor, 1990) Energetics and nutrition during lactation in the koala. Awarded 1993

Cooper, Ashley. The effect of changes in seawater salinity on the blood physiology of the Port Jackson Shark, *Heterodontus portusjacksoni*. Awarded 1999

Spencer, Ricky. The Murray River Murray turtle, *Emydura macquarii*: population ecology and impact of foxes. Awarded 2001

Annable, Terry. Reproductive biology of *Nephrurus* and *Underwoodisaurus* geckos (Reptilia: Gekkonidae: Carphodactylinae). Awarded 2005

Robert, Kylie. Thermoregulation and sex determination in a viviparous lizard. Awarded 2004

Browne, Carol. Effect of urbanisation on turtles in Sydney. Awarded 2005

Blamires, Sean. The impact of foxes on freshwater turtles in the Bellinger River. (Awarded 2007)

Hill, Phoebe. Evolution of viviparity in shovel-nosed rays. (Submitted, December 2010)

van Barneveld, Scott. Invasive species, endemic species and geographic distributions: lessons from a model lizard genus along a latitudinal gradient. (Submitted March 2011)

Murphy, Bridget. Uterine angiogenesis and the evolution of viviparity in lizards. (Current)

Aslanzadeh, Shervin. Behavioural responses of the central-netted dragon to plagues of locusts. (Current)

Pezaro, Nadav. How do female lizards select their nest sites? (Current)

Associate supervisor

Predavec, Martin. Food limitation and demography in Australian desert rodents. (with C.R. Dickman) Awarded 1994

Kearney, Michael. The ecology and evolution of hybrid parthenogenesis in the Australian arid zone. (with R. Shine) Awarded 2004

Allen, Rick. A comparative study of the nitrogen and energy budgets of granivorous and nectivorous passerine birds. (with I.D. Hume) (in revision) Failed to complete.

Rogers, Kris. Thermal acclimation in tadpoles. (with F. Seebacher) Awarded 2006

- Hammond, Bethany. The influence of thermal waves on settlement of intertidal organisms. (with A. Pile) Transferred to Adelaide 2006.
- Warner, Daniel. Temperature-dependent sex determination in reptiles. (with R. Shine) Awarded 2007
- Biazik, Joanna. Structural and molecular studies of the epitheliochorial placenta in skinks. (with C. Murphy) Awarded 2009
- Clayman, Samuel. Acclimation physiology. (with F. Seebacher) (current)
- Bray, Rebecca. *Lampropholis delicata* on Lord Howe Island. (with David Chapple, enrolled at Monash University) (current).
- van den Berg, Francesca. Ecophysiology of flat rock spiders (*Hemicloea major*) (current)
- McGlashan, Jessica Kate. The physiology and behaviour of reptilian eggs: synchronous hatching and the evolution of endothermy. (with Ricky-John Spencer and Fred Janzen, enrolled at The University of Western Sydney) (current).

IX. LIST OF PUBLICATIONS

(a) Refereed Papers

165. Ramírez-Pinilla, M.P., S.L. Parker, C.R. Murphy & **M.B. Thompson**. 2011 Uterine and chorioallantoic angiogenesis and changes in the uterine epithelium during gestation in the viviparous lizard, *Niveoscincus conventryi* (Squamata: Scincidae). *Journal of Morphology* (accepted 1 June, 2011).
164. Murphy, B.M. & **M. B. Thompson**. 2011. A review of the evolution of viviparity in squamate reptiles: The past, present and future role of molecular biology and genomics. *Journal of Comparative Physiology B* (accepted 27th April, 2011).
163. Wu, Q., **M.B. Thompson** & C.R. Murphy. 2011 Changing distribution of cadherins during gestation in the uterine epithelium of lizards. *Journal of Experimental Zoology* (accepted 14 April, 2011).
162. Llewellyn, D., **M.B. Thompson**, G.P. Brown, R. Shine. 2011. Behavioral responses to immune system activation in an anuran (the Cane Toad, *Bufo marinus*): field and laboratory studies. *Physiological and Biochemical Zoology*, in press (accepted 4 October, 2010).
161. Chapple, D.G., S.N.J. Chapple & **M.B. Thompson**. 2011. Biological barriers in south-eastern Australia drive phylogeographic divergence in the garden skink, *Lampropholis guichenoti*. *Journal of Biogeography* (published on-line, 18 May, 2011).
160. Murphy, B.F., S.L. Parker, C.R. Murphy & **M.B. Thompson**. 2011. Placentation in the eastern water skink (*Eulamprus quoyii*): a placentome-like structure in a lecithotrophic lizard. *Journal of Anatomy* 218: 678–689.
159. Herbert, J.F. C.R. Murphy & **M. B. Thompson**. 2010. Calcium ATPase localization in the uterus of two species of *Pseudemoia* (Lacertilia: Scincidae) with complex placentae. *Herpetological Conservation and Biology* 5(2): 290-296.
158. Biazik, J.M., **M.B. Thompson** & C.R. Murphy. 2010. Paracellular and transcellular transport across the squamate uterine epithelium. *Herpetological Conservation and Biology* 5(2): 257-262.
157. **Thompson, M.B.**, D.G. Blackburn & S.L. Parker. 2010. Reproduction in reptiles from genes to ecology: a retrospective and prospective vision. *Herpetological Conservation and Biology* 5(2): 252-256.

156. Parker, S.L., C.R. Murphy & **M.B. Thompson**. 2010. Uterine angiogenesis in squamate reptiles: implications for the evolution of viviparity. *Herpetological Conservation and Biology* 5(2): 330-334.
155. Stewart, J.R., A.N. Mathieson, T.W. Ecaj, J.F. Herbert, S.L. Parker & **M.B. Thompson**. 2010. Uterine and eggshell structure and histochemistry in a lizard with prolonged uterine egg retention (Lacertilia, Scincidae, *Saiphos*). *Journal of Morphology* 271(11): 1342-1351.
154. Hare, K.M., S. Pledger, **M.B. Thompson**, J.H. Miller & C.H. Daugherty. 2010. Nocturnal lizards from a cool-temperate environment have high metabolic rates at low temperatures. *Journal of Comparative Physiology B* 180:1173-1181.
153. Pelster, B., A.C. Gittenberger-de Groot, R.E. Poelmann, P. Rombough, T. Schwerte, **M.B. Thompson**. 2010. Functional plasticity of the developing cardiovascular system: examples from different vertebrates. *Physiological and Biochemical Zoology* 83(5): 775-791.
152. Murphy, B.F., S.L. Parker, C.R. Murphy & **M.B. Thompson**. 2010. Angiogenesis of the uterus and the chorioallantois in the eastern water skink *Eulamprus quoyii*. *Journal of Experimental Biology* 213, 3340-3347.
151. Grigg, G.C., **M.B. Thompson**, L.A. Beard & P. Harlow. 2010. Oxygen levels in mound nests of *Crocodylus porosus* and *Alligator mississippiensis* are high, and gas exchange occurs primarily by diffusion, not convection. *Australian Zoologist* 35: 235-244.
150. Du, W., **M.B. Thompson** & R. Shine. 2010. Facultative cardiac responses to regional hypoxia in lizard embryos. *Comparative Biochemistry and Physiology* 156A: 491-494.
149. Biazik, J. M., **M.B. Thompson** & C.R. Murphy. 2010. Desmosomes in the uterine epithelium of non-invasive skink placentae. *Anatomical Record* 293:502-512.
148. Gordon, C.E., C.R. Dickman & **M.B. Thompson**. 2010. What factors allow opportunistic nocturnal activity in a primarily diurnal desert lizard (*Ctenotus pantherinus*)? *Comparative Biochemistry and Physiology A* 156(2): 255-261.
147. Gordon, C.E., C.R. Dickman & **M.B. Thompson**. 2010. Partitioning of temporal activity among desert lizards in relation to prey availability and temperature. *Austral Ecology* 35, 41-52.
146. Linville, B.J., J.R. Stewart, T.W. Ecaj, J.F. Herbert, S.L. Parker & **M.B. Thompson**. 2010. Placental calcium provision in a lizard with prolonged oviductal egg retention. *Journal of Comparative Physiology B* 180: 221-227 (published on-line, 3 September, 2009).
145. Parker, S.L., F. Manconi, C.R. Murphy & **M.B. Thompson**. 2010. Uterine and placental angiogenesis in the Australian skinks, *Ctenotus taeniolatus* and *Saiphos equalis*. *Anatomical Record* 293:829-838 (published on-line (First Look), September 2009).
144. Murphy, B.F., K. Belov & **M.B. Thompson**. 2010. Evolution of viviparity and uterine angiogenesis: Vascular endothelial growth factor (VEGF) in oviparous and viviparous skinks. *Journal of Experimental Zoology* 314B:148-156 (Published Online: Aug 12 2009, DOI: 10.1002/jez.b.21317).
143. Robert, K.A. & **M.B. Thompson**. 2010. Viviparity and temperature-dependent sex determination. *Sexual Development* 4: 119-128 (Published on-line, DOI:10.1159/000260373).
142. Wu, Q., S.L. Parker, **M.B. Thompson**. 2009. Selected body temperature, metabolic rate and activity pattern of the Australian fossorial skink, *Saiphos equalis*. *Herpetological Journal* 19: 127-133.

141. Murphy, B.F., **M.B. Thompson** & K. Belov. 2009. Evolution of viviparity and the maternal immune system: Major histocompatibility complex (MHC) class I genes in skinks. *Orbit* 1(1): 1-16.
140. Chapple, D.G. & **M.B. Thompson**. 2009. Isolation and characterization of microsatellite loci from the invasive delicate skink (*Lampropholis delicata*), with cross-amplification in other Australian *Eugongylus* group species. *Conservation Genetics Resources* 1: 55-58.
139. Blamires, S.J., D.F. Hochuli & **M.B. Thompson**. 2009. Prey protein influences growth and decoration building in the orb web spider *Argiope keyserlingi*. *Ecological Entomology* 34: 545-550.
138. Biazik, J. M., **M.B. Thompson** & C.R. Murphy. 2009. Lysosomal and alkaline phosphatase activity indicate macromolecular transport across the uterine epithelium in viviparous skinks. *Journal of Experimental Zoology* 312B: 817-826.
137. Stewart, J.R. & **M.B. Thompson**. 2009. Parallel evolution of placentation in Australian scincid lizards. *Journal of Experimental Zoology (Molecular, Development, Evolution)* 310B: 590-602.
136. Stewart, J.R., T.W. Ecaj, C.P. Garland, S.P. Fregoso, E.K. Price, J.F. Herbert, & **M.B. Thompson**. 2009. Maternal provision and embryonic uptake of calcium in an oviparous and a placentotrophic viviparous Australian lizard (Lacertilia: Scincidae). *Comparative Biochemistry and Physiology, Part A* 153: 202-208.
135. Stewart, J.R. & **M.B. Thompson**. 2009. Placental ontogeny of the Tasmanian snow skinks (genus *Niveoscincus*) (Lacertilia: Scincidae). *Journal of Morphology* 270: 485-516.
134. Munn, A.J., T.J. Dawson, S. McLeod, D. Croft, **M.B. Thompson** and C.R. Dickman. 2009. Field metabolic rate and water turnover of red kangaroos and sheep in an arid rangeland: an empirically derived dry-sheep-equivalent for kangaroos. *Australian Journal of Zoology* 57:23-28.
133. Parker, S.L., C.R. Murphy, & **M.B. Thompson**. 2008. Angiogenesis in the uterus of the three-toed skink, *Saiphos equalis*. 4th CPB Meeting in Africa: Mara 2008. "Molecules to Migration: The Pressures of Life" (Ed S. Morris & A. Vosloo). Medimond Publishing Co, via Maserati 6/2, 40124 Bologna, Italy. Pp. 1-6.
- 132. Biazik, J. M., M.B. Thompson & C.R. Murphy. 2008. Claudin-5 is restricted to tight junction region of uterine epithelial cells in uterus of pregnant/gravid squamate reptiles. Anatomical Record 291: 547-556.**
131. Blamires, S.J., D.F. Hochuli & **M.B. Thompson**. 2008. Why cross the web: decoration spectral properties and prey capture in an orb spider (*Argiope keyserlingi*) web. *Biological Journal of the Linnean Society* 99: 221-229.
130. Parker, S.L., L.A. Lindsay, J.F. Herbert, C.R. Murphy & **M.B. Thompson**. 2008. Expression and localization of Ca²⁺-ATPase in the uterus during the reproductive cycle of king quail (*Coturnix chinensis*) and zebra finch (*Poephila guttata*). *Comparative Biochemistry and Physiology* 149A: 30-35.
- 129. Grellet-Tinner, G., S. Wroe, M.B. Thompson & Q. Ji. 2007. A note on pterosaur nesting behavior. Historical Biology 19: 273-277.**
- 128. Biazik, J. M., M.B. Thompson & C.R. Murphy. 2007. The tight junctional protein occludin is found in the uterine epithelium of squamate reptiles. Journal of Comparative Physiology. 177B: 935-943.**

127. **Rogers, K.D., M.B. Thompson & F. Seebacher. 2007. Beneficial acclimation: sex specific thermal acclimation of metabolic capacity in the striped marsh frog (*Limnodynastes peronii*). The Journal of Experimental Biology 210: 2932-2938.**
126. **Thompson, M.B.** 2007. Comparison of the respiratory transition at birth or hatching in viviparous and oviparous amniote vertebrates. *Comparative Biochemistry and Physiology* 148A: 755-760. <http://dx.doi.org/10.1016/j.cbpa.2007.01.006>
125. **Robert, K.A. & M.B. Thompson. 2007. Is basking opportunity in the viviparous lizard, *Eulamprus tympanum*, compromised by the presence of a predator scent? Journal of Herpetology 41: 287-293.**
124. **Blamires, S.J., D.F. Hochuli & M.B. Thompson. 2007. Habitat selection and web plasticity by the orb spider *Argiope keyserlingi* (Argiopidae): do they compromise foraging success for predator avoidance? Austral Ecology 32: 551-563.**
123. **Adams, S.M., J. Biazik, R.L. Stewart, C.R. Murphy & M.B. Thompson. 2007. Fundamentals of viviparity: comparison of seasonal changes in the uterine epithelium of oviparous and viviparous *Leista bougainvillii* (Squamata: Scincidae). Journal of Morphology 268: 624-635.**
122. **Thompson, M.B., L.A. Lindsay, J.F. Herbert & Christopher R. Murphy. 2007. Calcium transport in the oviducts of the skink, *Lampropholis guichenoti*. Comparative Biochemistry and Physiology 147A: 1090-1094.**
- I. 121. Adams, S.M., S. Lui, S.M. Jones, **M.B. Thompson**, & C.R. Murphy. 2007. Uterine changes during placentation in the viviparous skink *Eulamprus tympanum*. *Journal of Morphology* 268: 385-400.
120. Blamires, S.J., D.F. Hochuli & **M.B. Thompson**. 2007. Does decoration building influence antipredator responses in an orb-web spider (*Argiope keyserlingi*) in its natural habitat? *Australian Journal of Zoology* 55: 1-7.
119. Hare, K.M., S. Pledger, **M.B. Thompson**, J.H. Miller, & C.H. Daugherty. 2007. Low cost of locomotion of lizards that are active at low temperatures. *Physiological and Biochemical Zoology* 80: 46-58.
118. Spencer, R-J., F.J. Janzen & **M.B. Thompson**. 2006. Counterintuitive density-dependence: response of juvenile growth rate to experimental removal of nest predators in a long-lived vertebrate. *Ecology* 87: 3109–3118.
117. Stewart, J.R., **M.B. Thompson**, M.B. Attaway, J.F. Herbert & C.R. Murphy. 2006. Uptake of Dextran-FITC by epithelial cells of the chorioallantoic placentome and the omphalopleure of the placentotrophic lizard, *Pseudemoia entrecasteauxii*. *Journal of Experimental Zoology* 305A: 883-889.
116. **Nelson, N.J., M.B. Thompson, S. Pledger, S.N. Keall & C.H. Daugherty. 2006. Performance of juvenile tuatara depends on age, clutch and incubation regime. Journal of Herpetology 40(3): 399-403.**
115. Hare, K.M., S. Pledger, **M.B. Thompson**, J.H. Miller, & C.H. Daugherty. 2006. Daily patterns of metabolic rate among New Zealand lizards (Reptilia: Lacertilia: Diplodactylidae & Scincidae). *Physiological and Biochemical Zoology* 79: 745-753.
114. **Thompson, M.B.** & D.G. Blackburn. 2006. Evolution of viviparity in reptiles: Introduction to the Symposium. *Herpetological Monographs* 20: 129-130.

113. Shine, R. & **M. B. Thompson**. 2006. Did embryonic responses to incubation conditions drive the evolution of reproductive modes in squamate reptiles? *Herpetological Monographs* 20: 159-171.
112. Herbert, J.F., L.A. Lindsay, **M.B. Thompson** & C.R. Murphy. 2006. Calcium transport across the uterine epithelium of pregnant lizards. *Herpetological Monographs* 20: 205-211.
111. **Thompson, M.B.**, J.B. Biazik, S. Lui, S.M. Adams & C.R. Murphy. 2006. Morphological and functional changes to the uterus of lizards with different placental complexities. *Herpetological Monographs* 20:178-185.
110. Harvey, P.M. & **M.B. Thompson**. 2006. Energetics of emergence in the cicadas, *Cyclochila australasiae* and *Abrieta curvicosta* (Homoptera: Cicadidae). *Journal of Insect Physiology* 52: 905-909.
109. Thomson, M., J.F. Herbert & **M.B. Thompson**. 2006. Tyrosine phosphorylated proteins in the reproductive tract of the viviparous lizard *Eulamprus tympanum* and the oviparous lizard *Lampropholis guichenoti*. *Comparative Biochemistry and Physiology* 144B: 382-386.
108. Prosser, C., S. Hudson & **M.B. Thompson**. 2006. Effects of urbanisation on the behaviour, performance and morphology of the Garden Skink, *Lampropholis guichenoti*. *Journal of Herpetology* 40(2): 151-159.
107. Sinclair, E.L.E., **M.B. Thompson** & F. Seebacher. 2006. Phenotypic flexibility in the metabolic response of the limpet *Cellana tramoserica* to thermally different microhabitats. *Journal of Experimental Marine Biology and Ecology*. 335: 131-141.
- 106. Robert, K.A., M.B. Thompson & F. Seebacher. 2006. Thermal biology of a viviparous lizard with temperature-dependent sex determination. Journal of Thermal Biology. 31: 292-301.**
105. Seebacher, F., T.S. Schwartz, and **M.B. Thompson**. 2006. Transition from ectothermy to endothermy: the development of metabolic capacity in a bird (*Gallus gallus*). *Proceedings of the Royal Society London B*, 273: 565-570.
104. **Thompson, M.B.** & B.K. Speake. 2006. A review of the evolution of viviparity in lizards: Structure, function and physiology of the placenta. *Journal of Comparative Physiology B* 176: 170-189. (invited review). [Published on-line December, 2005]
103. Hutchinson, M.N., **M.B. Thompson** & J.R. Stewart. 2005. *Lampropholis delicata* (Delicate Skink, Rainbow Skink). Introduction to Lord Howe Island. *Herpetological Review*. 36: 450-451.
102. Thomson, M., J.F. Herbert, C.R. Murphy & **M.B. Thompson**. 2005. HoxA10-like proteins in the uterus of the viviparous lizard *Eulamprus tympanum* and the oviparous lizard *Lampropholis guichenoti*. *Comparative Biochemistry and Physiology* 142: 123-127.
101. Blamires, S.J., R-J. Spencer, P. King & **M.B. Thompson**. 2005. Population parameters and life table analysis of two co-existing freshwater turtles: are the Bellinger River turtle populations threatened? *Wildlife Research* 32: 339-347.
100. Osborne, L. & **M.B. Thompson**. 2005. Chemical composition and structure of the eggshell of three oviparous lizards. *Copeia* 2005: 683-692.
99. Adams, S.M., J.M. Biazik, **M.B. Thompson** & C.R. Murphy. 2005. *Cyto-epitheliochorial* placenta of the viviparous lizard *Pseudemoia entrecasteauxii*: a new placental morphotype. *Journal of Morphology* 264: 264-276.

98. Spencer, R.J. & **M.B. Thompson**. 2005. Experimental analysis of the impact of foxes on freshwater turtle populations using large-scale field and modelling techniques: implications for management. *Conservation Biology* 19: 845-854.
97. Nelson, N.J., A. Cree, **M.B. Thompson**, S.N. Keall & C.H. Daugherty. 2004. Temperature-dependant sex determination in tuatara. In: Valenzuela, N. & Lance, V. (eds). *Temperature-Dependant Sex Determination in Vertebrates*. Smithsonian Books, Washington. pp. 53-58.
96. Nelson, N.J., **M.B. Thompson**, S. Pledger, S.N. Keall, & C.H. Daugherty. 2004. Induction of oviposition produces smaller eggs in tuatara (*Sphenodon punctatus*). *New Zealand Journal of Zoology* 31: 283-289.
95. Nelson, N.J., **M.B. Thompson**, S. Pledger, S.N. Keall, & C.H. Daugherty. 2004. Do TSD, sex ratios, and nest characteristics influence the vulnerability of tuatara to global warming? *International Congress Series*. 1275: 250-257.
94. **Thompson, M.B.**, S.M. Adams, J.F. Herbert, J.M. Biazik & C.R. Murphy. 2004. Placental function in lizards. *International Congress Series*. 1275: 218-225.
93. Speake, B.K., J.F. Herbert & **M.B. Thompson**. 2004. Evidence for placental transfer of lipids during gestation in the viviparous lizard, *Pseudemoia entrecasteauxii*. *Comparative Biochemistry and Physiology A* 139: 213-220.
92. Hare, K.M., S. Pledger, **M.B. Thompson**, J.H. Miller, & C.H. Daugherty. 2004. Conditioning reduces resting metabolic rate and time to steady-state in the lizard *Naultinus manukanus* (Reptilia: Gekkonidae). *Comparative Biochemistry and Physiology A* 139: 245-250.
- 91. Speake, B.K., J.F. Herbert & M.B. Thompson. 2004. Comparison of the fatty acid compositions of prey items and yolks of Australian insectivorous scincid lizards. Journal of Comparative Physiology 174: 393-397.**
90. Chen, X., C.R. Dickman & **M.B. Thompson**. 2004. Selective consumption of different body regions of arthropod prey by Australian desert marsupials: is rate of energy intake important? *Journal of Zoology, London* 264: 189-196.
89. Green, M., **M.B. Thompson** & F. Lemckert. 2004. The effects of suspended sediments on the tadpoles of two stream-breeding and forest-dwelling frogs, *Mixophyes balbus* and *Helioporus australiacus*. In: Lunney, D. (ed) *Conservation of Australia's Forest Fauna* (2nd edition). Royal Zoological Society NSW pp. 713-720.
88. Rogers, K.D., F. Seebacher & **M.B. Thompson**. 2004. Biochemical acclimation of metabolic enzymes in response to lowered temperature in tadpoles of *Limnodynastes peronii*. *Comparative Biochemistry and Physiology A* 137: 731-738.
87. **Thompson, M.B.** & B.K. Speake. 2004. Egg morphology and composition. Pages 45-74 in: *Reptilian Incubation: Environment, Evolution and Behaviour*, Edited by D. C. Deeming, Nottingham University Press, Nottingham. ISBN: 1897676115
86. Adams, S.M., M.J. Hosie, C.R. Murphy & **M.B. Thompson**. 2004. Changes in oviductal morphology of the skink, *Lampropholis guichenoti*, associated with egg production. *Journal of Morphology* 262: 536-544.
85. Seebacher, F., **M.B. Thompson** & J. Sparrow. 2004. Turtles (*Chelodina longicollis*) regulate muscle metabolic enzyme activity in response to seasonal variation in body temperature. *Journal of Comparative Physiology B* 174: 205-210.

84. Nelson, N.J., **Thompson, M.B.**, Pledger, S., Keall, S.N. & C. H. Daugherty. 2004. Egg mass determines hatchling size, and incubation temperature influences post-hatching growth, of tuatara *Sphenodon punctatus*. *Journal of Zoology, London* 263: 1-11.
83. Stewart, J.R. & **M.B. Thompson**. 2004. Placental ontogeny of the Tasmanian scincid lizard, *Niveoscincus ocellatus* (Reptilia: Squamata). *Journal of Morphology* 259: 214-237.
82. Chen, X., **M.B. Thompson** & C.R. Dickman. 2004. Energy density and its seasonal variation in desert beetles. *Journal of Arid Environments* 56: 559-567.
80. Robert, K.A., **M.B. Thompson** & F. Seebacher. 2003. Facultative sex allocation in the viviparous lizard *Eulamprus tympanum*, as species with temperature-dependent sex determination. *Australian Journal of Zoology* 51: 367-370.
79. Speake, B.K., **M.B. Thompson**, F.E. Thacker & G.S. Bedford. 2003. Distribution of lipids from the yolk to the tissues during development of the water python (*Liasis fuscus*). *Journal of Comparative Physiology B* 173: 541-547.
78. Spencer, R-J. & **M.B. Thompson**. 2003. The significance of predation in the nest site selection of turtles: an experimental consideration of macro- and microhabitat preferences. *Oikos* 103:592-600.
77. Iglesias, S., **M.B. Thompson** & F. Seebacher. 2003. Energetic cost of a meal in a frequent feeding lizard. *Comparative Biochemistry and Physiology* 135:377-382.
76. Stewart, J.R. & **M.B. Thompson**. 2003. Evolutionary transformation of the fetal membranes of viviparous reptiles: a case study of two lineages. *Journal of Experimental Zoology* 299A:13-32.
75. Blackburn, D.G., K.K. Weaber, J.R. Stewart & **M.B. Thompson**. 2003. Do pregnant lizards resorb or abort inviable eggs and embryos? Morphological evidence from an Australian skink, *Pseudemoia pagenstecheri*. *Journal of Morphology* 256:219-234.
74. **Thompson, M.B.** & B.K. Speake. 2003. Energy and nutrient utilisation by embryonic reptiles. *Comparative Biochemistry and Physiology* 133A:529-538.
73. Robert, K.A. & **M.B. Thompson**. 2003. Reconstructing thermochron iButtons to reduce size and weight as a new technique in the study of small animal thermal biology. *Herpetological Review*. 34:130-132.
72. Hosie, M.J., S.M. Adams, **M.B. Thompson** & C.R. Murphy. 2003. The viviparous lizard, *Eulamprus tympanum*, shows changes in the uterine surface epithelium during early pregnancy that are similar to the plasma membrane transformation of mammals. *Journal of Morphology* 258: 346-357.
71. Alibardi, L. & **M.B. Thompson**. 2003. Epidermal differentiation during ontogeny and after hatching in the snake *Liasis fuscus* (Pythonidae, Serpentes, Reptilia), with emphasis on the formation of the shedding complex. *Journal of Morphology* 256: 29-41.
70. Alibardi, L. & **M.B. Thompson**. 2002. Keratinization and ultrastructure of the epidermis of late embryonic stages in the alligator (*Alligator mississippiensis*). *Journal of Anatomy* 201:71-84.
69. **Thompson, M.B.**, J.R. Stewart, B.K. Speake, M. Hosie & C.R. Murphy. 2002. Evolution of viviparity: what can Australian lizards tell us? *Comparative Biochemistry and Physiology* 131B: 631-643.
68. Robert, K. & **M.B. Thompson**. 2001. Viviparous lizard selects sex of embryos. *Nature* 412(6848):698-699.

67. **Thompson, M.B.**, B.K. Speake, K.J. Russell & R.J. McCartney. 2001. Nutrient uptake by embryos of the Australian viviparous lizard *Eulamprus tympanum*. *Physiological and Biochemical Zoology* 74(4): 560-567.
66. Spencer, R-J., **M.B. Thompson** & P.B. Banks. 2001. Hatch or wait: a dilemma in reptilian incubation. *Oikos* 93: 401-406.
65. **Thompson, M.B.**, J.R. Stewart, B.K. Speake, K.J. Russell & R.J. McCartney. 2001. Utilisation of nutrients by embryos of the enigmatic viviparous skink, *Niveoscincus coventryi*. *Journal of Experimental Zoology* 290: 291-298.
64. **Thompson, M.B.**, B.K. Speake, K.J. Russell & R.J. McCartney. 2001. Utilization of lipids, protein, ions and energy during embryonic development of Australian oviparous skinks in the genus *Lampropholis*. *Comparative Biochemistry and Physiology* 129A: 313-326.
63. **Thompson, M.B.**, B.K. Speake, J.R. Stewart, K.J. Russell & R.J. McCartney. 2001. Placental nutrition in the Tasmanian skink, *Niveoscincus ocellatus*. *Journal of Comparative Physiology B* 171: 155-160.
62. Alibardi, L. & **M.B. Thompson**. 2001. Fine structure of the developing epidermis in the embryo of the American alligator (*Alligator mississippiensis*, Crocodylia, Reptilia). *Journal of Anatomy* 198: 265-282.
61. Alibardi, L. & **M.B. Thompson**. 2000. Scale morphogenesis and ultrastructure of dermis during embryonic development in the alligator (*Alligator mississippiensis*, Crocodylia, Reptilia). *Acta Zoologica* 81: 325-338.
60. Speake, B.K. & **M.B. Thompson**. 2000. Lipids of the eggs and neonates of oviparous and viviparous lizards. *Comparative Biochemistry and Physiology* 127A: 453-467.
59. Robert, K. & **M.B. Thompson**. 2000. Energy consumption by embryos of a viviparous lizard, *Eulamprus tympanum*, during development. *Comparative Biochemistry and Physiology* 127A: 481-486.
58. Murphy, C.R., M. Hosie & **M.B. Thompson**. 2000. The plasma membrane transformation facilitates pregnancy in both reptiles and mammals. *Comparative Biochemistry and Physiology* 127A: 433-439.
57. **Thompson, M.B.**, J.R. Stewart & B.K. Speake. 2000. Comparison of nutrient transport across the placenta of lizards differing in placental complexity. *Comparative Biochemistry and Physiology* 127A: 469-479.
56. Stewart, J.R. & **M.B. Thompson**. 2000. Evolution of placentation among squamate reptiles: recent research and future directions. *Comparative Biochemistry and Physiology* 127A: 411-431.
55. Robert, K.A. & **M.B. Thompson**. 2000. Influence of feeding on the metabolic rate of the lizard, *Eulamprus tympanum*. *Copeia* 2000: 851-855.
54. Booth, D.T., **M.B. Thompson** & S. Herring. 2000. Incubation of lizard eggs at different temperatures: effects on patterns of oxygen consumption, production cost and hatchling morphology. *Journal of Comparative Physiology and Biochemistry* 170:269-276.
53. **Thompson, M.B.** 2000. *Oligosoma* spp. Predation. *Herpetological Review*. 31(3):175.
52. Speake, B.K., **M.B. Thompson** & R.J. McCartney. 1999. Lipid composition of eggs of an oviparous lizard (*Bassiana duperreyi*). *Lipids* 34: 1207-1210.
51. Speake, B.K. & **M.B. Thompson**. 1999. Comparative aspects of yolk lipid utilisation in birds and reptiles. *Poultry and Avian Biology Reviews* 10: 181-211.
50. Alibardi, L. & **M.B. Thompson**. 1999. Morphogenesis of shell and scutes in the turtle *Emydura macquarii*. *Australian Journal of Zoology* 47: 245-260.

49. **Thompson, M.B.**, B.K. Speake, J.R. Stewart, K.J. Russell, R.J. McCartney & P. Surai. 1999. Placental nutrition in the viviparous lizard *Niveoscincus metallicus*: the influence of placental type. *Journal of Experimental Biology* 202: 2985-2992.
48. **Thompson, M.B.**, J.R. Stewart, B.K. Speake, K.J. Russell & R.J. McCartney. 1999. Placental transfer of nutrients during gestation in the viviparous lizard, *Pseudemoia spenceri*. *Journal of Comparative Physiology* 169: 319-328.
47. Alibardi, L. & **M.B. Thompson**. 1999. Epidermal differentiation in the developing scales of embryos of the Australian scincid lizard *Lampropholis guichenoti*. *Journal of Morphology* 241: 139-152.
46. **Thompson, M.B.** & K.J. Russell. 1999. Growth and energetics of embryos of the gecko, *Phyllodactylus marmoratus*, a species with hard-shelled eggs. *The Herpetological Journal* 9: 37-42.
45. Alibardi, L. & **M.B. Thompson**. 1999. Epidermal differentiation during carapace and plastron formation in the embryonic turtle *Emydura macquarii*. *Journal of Anatomy* 194: 531-545.
44. **Thompson, M.B.**, J.R. Stewart, B.K. Speake, K.J. Russell, R.J. McCartney & P. Surai. 1999. Placental nutrition in a viviparous lizard (*Pseudemoia pagenstecheri*) with a complex placenta. *Journal of Zoology, London* 248: 295-305.
43. **Thompson, M.B.**, B.K. Speake, K.J. Russell, R.J. McCartney & P.F. Surai. 1999. Changes in fatty acid profiles and in protein, ion and energy contents of eggs of the Murray short-necked turtle, *Emydura macquarii* (Chelonia, Pleurodira) during development. *Comparative Biochemistry and Physiology* 122(1): 75-84.
42. **Thompson, M.B.** & K.J. Russell. 1999. Embryonic energetics in eggs of two species of Australian skinks, *Morethia boulengeri* and *Morethia adelaidensis*. *Journal of Herpetology* 33(2): 291-297.
41. Spencer, R-J., **M.B. Thompson** & I.D. Hume. 1998. The diet and digestive energetics of the Murray short-necked turtle, *Emydura macquarii*. *Comparative Biochemistry and Physiology* 121A: 341-349.
40. Stewart, J.R. & **M.B. Thompson**. 1998. Placental ontogeny of the Australian scincid lizards *Niveoscincus coventryi* and *Pseudemoia spenceri*. *Journal of Experimental Zoology* 282: 535-559.
39. **Thompson, M.B.** & K.J. Russell. 1998. Metabolic cost of development in one of the World's smallest lizard eggs: implications for physiological advantages of the amniote egg. *Copeia* 1998(4): 1016-1020.
38. Chen, X., C.R. Dickman & **M.B. Thompson**. 1998. Diet of the Mulgara, *Dasyercus cristicauda* (Marsupialia: Dasyuridae), in the Simpson Desert, Central Australia. *Wildlife Research* 25: 233-242.
37. **Thompson, M.B.**, D.G. Newman & P.R. Watson. 1998. Influence of X-rays on incubation in tuatara, *Sphenodon punctatus*. *New Zealand Journal of Zoology* 25: 295-300.
36. Doughty, P. & **M.B. Thompson**. 1998. Unusual reproductive patterns in the Australian marbled gecko (*Phyllodactylus marmoratus*). *Copeia* 1998(3): 747-752.
35. **Thompson, M.B.** & C.H. Daugherty. 1998. Metabolism of tuatara, *Sphenodon punctatus*. *Comparative Biochemistry and Physiology A*. 119A(2):519-522.
34. **Thompson, M.B.** 1997. Egg physiology and biology. In: Ackerman, L. (ed.). *The Biology, Husbandry and Health Care of Reptiles*. TFH Publications, New Jersey. pp. 88-121.

33. **Thompson, M.B.** 1997. Environmental conditions. pp. 1134-1137, in section on the Biosphere. Volume 14, Encyclopaedia Britannica, Chicago.
32. **Thompson, M.B.** & J.R. Stewart. 1997. Embryonic metabolism and growth in lizards of the genus *Eumeces*. *Comparative Biochemistry and Physiology A*. 118A(3): 647-654.
31. Hancock, L.J. & **Thompson, M.B.** 1997. Distributional limits of eastern blue-tongue lizards, *Tiliqua scincoides*, blotched blue-tongue lizards, *T. nigrolutea* and shingle back lizards, *T. rugosa* (Gray) in New South Wales. *Australian Zoologist* 30(3):1-6.
30. Stewart, J.R. & **M.B. Thompson**. 1996. The evolution of reptilian placentation: development of the extraembryonic membranes of the Australian scincid lizards *Bassiana duperreyi* (oviparous) and *Pseudemoia entrecasteauxii* (viviparous). *Journal of Morphology* 227:1-22.
29. **Thompson, M.B.**, G.C. Packard, M.J. Packard & B. Rose. 1996. Analysis of the nest environment of tuatara, *Sphenodon punctatus*. *Journal of Zoology*, London. 238:239-251.
28. Rummery, C., R. Shine, D.L. Houston & **M.B. Thompson**. 1995. Thermal ecology of the Australian southern angle-headed dragon, *Hypsilurus spinipes* (Agamidae). *Copeia* 1995: 818-827.
27. Cree, A., **M.B. Thompson** & C.H. Daugherty. 1995. Temperature-dependent sex determination in tuatara. *Nature* 375(6532):543.
26. Morris, S., A. Curtin, & **M.B. Thompson**. 1994. Heterothermy, torpor, respiratory gas exchange, water balance and the effect of feeding in Gould's long-eared bat, *Nyctophilus gouldi*. *Journal of Experimental Biology* 197: 309-335.
25. **Thompson, M.B.** & J.R. Stewart. 1994. Egg and clutch size of the viviparous Australian skink, *Pseudemoia pagenstecheri*, and the identity of species with Type III allanto-placentae. *Journal of Herpetology* 28(4):519-521.
24. Stewart, J.R. & **M.B. Thompson**. 1994. Placental structure of the Australian lizard, *Niveoscincus metallicus*. *Journal of Morphology* 220:223-236.
23. **Thompson, M.B.** 1993. Hypothetical considerations of the biomass of chelid tortoises in the River Murray and the possible influence of predation by introduced foxes. In: Lunney, D. & D. Ayres (eds), *Herpetology in Australia*. Surrey Beatty, Sydney, N.S.W. pp. 219-224.
22. **Thompson, M.B.** 1993. Estimate of the population structure of the eastern water dragon, *Physignathus lesueurii* (Reptilia: Agamidae), along riverside habitat. *Wildlife Research* 20: 613-619.
21. Stewart, J.R. & **M.B. Thompson**. 1993. A novel pattern of embryonic nutrition in a viviparous reptile. *Journal of Experimental Biology* 174: 97-108.
20. **Thompson, M.B.** 1993. Oxygen consumption and energetics of development in eggs of the leatherback turtle, *Dermochelys coriacea*. *Comparative Biochemistry and Physiology* 104A: 449-453.
19. **Thompson, M.B.** 1992. Metabolism of embryonic reptiles. In: Uricheck, M.J. (ed). 15th International Herpetological Symposium on Captive Propagation and Husbandry. pp. 147-152.
18. **Thompson, M.B.**, C.H. Daugherty, A. Cree, D.C. French, J.C. Gillingham & R.E. Barwick. 1992. Status and longevity of the tuatara, *Sphenodon punctatus*, and Duvaucell's gecko, *Hoplodactylus duvaucelli*, on North Brother Island, New Zealand. *Journal of the Royal Society of New Zealand* 22:123-130.
17. Booth, D.T. & **M.B. Thompson**. 1991. A comparison of reptilian eggs with those of megapode birds. In: D.C. Deeming & Ferguson, M.W.J. (eds). *Egg Incubation: Its Effect*

- on Embryonic Development in Birds and Reptiles. Cambridge University Press. pp. 325-344.
16. Deeming, D.C. & **M.B. Thompson**. 1991. Gas exchange across the reptilian eggshell. In: D.C. Deeming & Ferguson, M.W.J. (eds). *Egg Incubation: Its Effect on Embryonic Development in Birds and Reptiles*. Cambridge University Press. pp. 227-284.
 15. **Thompson, M.B.**, D.G. Newman & P.R. Watson. 1991. Use of oxytocin in obtaining eggs from tuatara (*Sphenodon punctatus*). *Journal of Herpetology* **25**:101-104.
 14. Daugherty, C.H., A. Cree, J.M. Hay & **M.B. Thompson**. 1990. Neglected taxonomy and continuing extinctions of tuatara (*Sphenodon*). *Nature* **347**(6289):177-179.
 13. **Thompson, M.B.** 1990. Incubation of eggs of tuatara, *Sphenodon punctatus*. *Journal of Zoology, London* **222**: 303-318.
 12. **Thompson, M.B.** & K.N. Goldie. 1990. Conductance and structure of eggs of Adelie penguins, *Pygoscelis adeliae*, and its implications for incubation. *Condor* **92**:304-312.
 11. Firth, B.T., **M.B. Thompson**, D.J. Kennaway & I. Belan. 1989. Thermal sensitivity of reptilian melatonin rhythms: "cold" tuatara vs. "warm" skink. *American Journal of Physiology* **256**:R1160-R1163.
 10. **Thompson, M.B.** 1989. Patterns of metabolic development in embryonic reptiles. *Respiration Physiology* **76**:243-256.
 9. **Thompson, M.B.**, G. Medlin, R. Hutchinson & N. West. 1988. Short-term effects of fuel reduction burning on populations of small terrestrial mammals. *Australian Wildlife Research* **16**:117-129.
 8. Packard, M.J., **M.B. Thompson**, K.N. Goldie & M. Vos. 1988. Aspects of shell formation in eggs of the tuatara, *Sphenodon punctatus*. *Journal of Morphology* **197**:147-157.
 7. **Thompson, M.B.** 1988. Nest temperatures in the Pleurodiran turtle, *Emydura macquarii*. *Copeia*. 1988: 998-1002.
 6. **Thompson, M.B.** 1988. Influence of incubation temperature and water potential on sex determination in *Emydura macquarii* (Testudines; Pleurodira). *Herpetologica* **44**: 86-90.
 5. **Thompson, M.B.** 1987. Water exchange in reptilian eggs. *Physiological Zoology* **60**: 1-8.
 4. **Thompson, M.B.** 1985. Functional significance of the opaque white patch in eggs of *Emydura macquarii*. In: Grigg, G., R. Shine and H. Ehmman (Eds). "The Biology of Australasian Frogs and Reptiles". Surrey Beatty & Sons, Sydney. pp. 387-395.
 3. **Thompson, M.B.** 1983. Murray River tortoise (*Emydura, Chelodina*) populations: the effect of egg predation by the red fox, *Vulpes vulpes*. *Australian Wildlife Research* **10**: 363-371.
 2. **Thompson, M.B.** 1981. Gas tensions in natural nests and eggs of the tortoise *Emydura macquarii*. In: Banks, C.B. and A.A. Martin (Eds). "Proceedings of the Melbourne Herpetological Symposium". The Zoological Board of Victoria. Chapter 17, pp. 74-77.
 1. **Thompson, M.B.** 1981. The systematic status of the genus *Australocrinia* Heyer & Liem (Anura: Leptodactylidae). *Australian Journal of Zoology* **29**: 93-102.

50. Appendix H. Summary of the Meetings 2010

SUMMARY OF THE MEETINGS

Copeia 2010, No. 4, 741–751

The 90th annual meeting of the American Society of Ichthyologists and Herpetologists (ASIH) was held at the Rhode Island Convention Center and Westin Providence Hotel, from 7–12 July 2010, in conjunction with the 26th annual meeting of the American Elasmobranch Society (AES), the 68th annual meeting of the Herpetologists' League (HL), the 53rd annual meeting of the Society for the Study of Amphibians and Reptiles (SSAR), and the annual meeting of the Neotropical Ichthyological Association.

BOARD OF GOVERNORS MEETING: 7 JULY 2010

President James Hanken called the meeting of the Board of Governors (BOG) to order at 5:03 p.m.; 52 governors and 13 guests were in attendance. Secretary Maureen Donnelly distributed late reports (from the Audit Committee, Education and Human Resources Committee, the Web Management and Content Committee, and the Nominating Committee). President Hanken provided the governors with an update on Joe Nelson. The Executive Committee received a message from Joe after the 2009 meeting informing us that he was having health problems but he hoped that it would resolve before he took over as the President-Elect on 1 January 2010. Just before the New Year, Joe informed us that his health condition was very serious and he would not be able to assume the elected office. The ASIH constitution states that the person with the second highest number of votes assumes the office of President-Elect, and fortunately for the ASIH, Mike Douglas agreed to assume the office. Jim thanked Mike for his help and he also thanked all officers, committee chairs, and committee members for their help during the year. Jim also announced that there would be a panel discussion on the Gulf Oil Spill on 10 July 2010 at 8:00 p.m. in Ballroom D.

Secretary Donnelly then shared messages of regret from Governors Michelle Boone, Richard Durtsche, Phillip Harris, David Hillis, Victor Hutchison, David Kizirian, Frank McCormick, Mark Peterson, George Rabb, Tod Reeder, Richard Robins, Richard Rosenblatt, Brian Sidlaukas, Joel Snodgrass, Nicole Valenzuela, Marvalee Wake, Mark Westneat, and Sharon Wise. Josh Atz, Governor Jim Atz's son, passed on Jim's warm greetings to the BOG. We send our wishes for a speedy recovery to Governor Harris' wife who is having surgery this week. We also send our warm thoughts to Joe Nelson for continued success of his treatments.

Secretary Donnelly announced the passing of James Craddock on 7 June 2009, Barbara Savitzky on 22 June 2009, Ilya Darevsky (Honorary Foreign Member in Herpetology) on 8 August 2009, Karel Liem on 3 September 2009, Henry S. Fitch on 8 September 2009, Governor Carl Gans on 30 November 2009, Royal Suttikus on 28 December 2009, John Olney on 11 January 2010, John Thorbjarnarson on 15 February 2010, Ray Ashton on 11 March 2010, Richard G. Miller on 13 March 2010, and Fang Kullander on 19 May 2010.

President Hanken then called for approval of the minutes from the 2009 Board of Governors meeting as published in

Copeia 2009(4):826–834. Governor Jay Savage moved to approve the minutes, Governor Kathleen Cole seconded the motion, and the minutes were accepted unanimously.

Jim then announced the composition of the 2010 Resolutions Committee. The chair for the committee is Karsten Hartel, who recruited Randy Mooi, Heidi Banford, Aaron Bauer, Kassie Cole, Edgar Lehr, and Cheryl Wilga to serve with him. Governors were asked to provide members of this committee with both substantive and humorous resolutions.

Jim announced that President-Elect Mike Douglas and John Steffen are the co-chairs of the ASIH Student Award Committee (STAC). The names of the Stoye and Storer Award judges will be announced when the names of the winners are announced during the banquet.

President Hanken then called on Governor Robert Cashner, Chair of the Meetings Management and Planning Committee, to describe the future meeting sites. Bob mentioned that the 2011 meeting would be held in Minneapolis Minnesota (6–11 July) and that we would be meeting in Vancouver in 2012 with the 7th World Congress of Herpetology (8–14 August).

President Hanken then called on Secretary Donnelly to read the minutes of the Executive Committee meeting that was held earlier that day. President Hanken called the Executive Committee meeting to order at 9:03 a.m. All members of EXEC were present for the meeting. First EXEC moved the tabled item concerning the distribution of *Copeia* through EBSCO from the table and moved it to the *Copeia* agenda items. We then turned to a discussion of the financial status of the society. Treasurer Neighbors reported that the financial health of ASIH is robust. We have sufficient cash on hand to cover our anticipated expenses through 2010. Treasurer Neighbors described her process for developing our annual budget, and we then considered how our actual expenditures matched or deviated from that budget. Discussion ensued regarding how accrual accounting works and how our investment funds are functioning. Treasurer Neighbors reported that the new dues form (revised for 2010) increased donations to our special funds. Although we continue to experience declines in individual and institutional subscriptions, we are projected to end up "in the black" by year's end.

Treasurer Neighbors also discussed the financial implications of the recently signed MOU that formalizes the JMIH. The agreement spreads the costs and benefits among the sponsoring societies and if there is a loss in 2010, that loss will be spread across the four societies (AES, ASIH, HL, and SSAR). To date, since the four societies have met as JMIH, only one meeting has not hit the "break even point" and we are hopeful we will hit that critical point this year.

We then turned to a discussion of how we establish dues levels. When we first instituted an online membership category, we estimated how much the costs were and set the price to cover the costs of business operations. The low costs of online subscriptions may not cover the costs of running

the society, and President Hanken charged the Endowment and Finance Committee to do the analysis of our business costs to provide an estimate for our dues in the future.

The EXEC then moved to a discussion of declining membership and subscriptions. President Hanken sees organismally focused societies as “boutique” or “speciality” societies, and we need to increase the attractiveness of our society to present and future members. The EXEC takes complaints about the costs of the meetings seriously, and the Meetings Management and Planning Committee has come up with a plan to reduce the meeting by a day, which would hold down costs for members. We need to think about how our annual meetings can better serve the membership. President-Elect Douglas suggested that we might want to consider how the ASIH and other organism-based societies might group together to focus on a big picture like conservation of biodiversity. We continue to discuss ways to enhance the value of the journal and the meeting for our membership.

The EXEC then moved to a discussion of the need for a JMIH logo that can be used for the annual meetings. The JMIH logo would be on the banner for the abstract submission site in addition to the logos of the supporting societies and the logo designed by the local committee. The JMIH logo would help us open the abstract submission site quickly because we could use the JMIH logo to set the site up every year. President Hanken will charge the Meetings Management and Planning Committee with coming up with a call for a competition to develop a JMIH logo. The EXEC then discussed concrete plans for reducing meeting costs and came up with three separate but related steps: reduce the meeting by a day, eliminate the banquet, and establish a long-term arrangement with a hotel chain. We could implement a four-day meeting in 2013. The EXEC also discussed the issue of accompanying persons. Treasurer Neighbors suggested that we define an “accompanying person” as one who is not a member of any of the JMIH societies. The MMPC addressed this issue and their report has been exempted for additional discussion during the BOG meeting.

Secretary Donnelly then described the products from a vendor that approached the ASIH to ask us to consider using their environmentally friendly, but expensive, award materials. The EXEC does not want to use these products at this time.

Pat Gregory, chair of the Long Range Planning and Policy Committee, then described the nearly completed Procedures Manual. There are a few final edits that must be completed before the document can be uploaded to the website. Jim Hanken suggested that we might be able to work with NESCENT to manage our Procedures Manual as a WIKI to allow input to the manual to make it a “living” document that can be updated regularly.

The EXEC then discussed issues related to the publication of *Copeia*. Editor Schaefer mentioned that color is great but color costs money. Recently we changed our publication options so that color could be published online for a very reduced cost (\$35/plate and half price for students). Non-members will continue to pay full price for color publication. Editor Schaefer will learn through the #4 issue of this year how high the demand for color publication is, and he will report on this next year. The fact that our online version of the journal will differ from the print version of the journal requires that we select an official journal of record.

Editor Schaefer recommends that the print journal be the official journal for the purposes of dates of taxonomic descriptions. We then discussed copyright issues. Our figure editor discovered that some of our copyrighted illustrations were appearing without copyright release from ASIH. When Editor Schaefer is made aware of these infringements, he sends a “cease-and-desist” letter to the offender. We then moved to the tabled item of distributing *Copeia* through EBSCO. The new silo site at Allen Press is now in place, and we will determine what the costs of distribution to EBSCO are from our Allen Press representatives.

Annielaurie Seifert from Allen Press then joined the meeting and delivered the proofs of Special Publication number six to John Lundberg. It is anticipated that once Lance Grande has approved the proofs, the books will go to the binder and the bound versions will be shipped to Allen Press four to six weeks later. Five hundred copies of the books will be distributed to libraries and institutions free of charge, and one copy of the book will be available to members for the cost of shipping and handling (~\$12.00 domestic, ~\$20.00 international). The price for non-members will be \$200, but we will encourage non-members to join the ASIH and purchase the book for the low price available to members. Secretary Donnelly will prepare a letter that will be delivered to the USPS describing that *Copeia* will mail out five issues in 2010 and then send in a new letter in 2011 moving us back to four issues/year. Seifert then described the status of our inventory of back issues and books. We have back issues of *Copeia* (from 1981 to present), but complete sets of *Copeia* are not available. After considerable discussion concerning the expense of storage and weak sales of back issues, we decided that we will maintain at least 100 copies/volume of the current year and preceding two years, and hold no more than 25 copies/issue of everything older than the preceding two years to reduce our inventory payments to Allen Press. The Secretary will be responsible for reminding Allen Press to “purge” old issues at the beginning of each year. All paper copies will be recycled in keeping with our green policies.

The Executive Committee decided to recycle all existing issues of the 2000 membership directory; we will hold a fire sale for all existing special publications through the end of December 2010, and we will reduce inventory in January 2011.

The EXEC then asked Annielaurie about the costs for distributing our content to EBSCO, and she will contact the relevant people in Allen Press to deliver an answer to us soon. If our costs are approximate \$50/issue (\$200/year), we will move forward to distribute *Copeia* through this aggregator.

We then turned to a discussion of the ASIH website. John Lundberg took over as the chair of the Web Content and Management Committee in 2010 and assembled a very active and engaged group to consider our website issues. We have several needs: a redesign of the site, the hosting of the site, and an administrator for the site. We discussed the costs and benefits of having volunteers or hiring private firms. The committee conducted a survey of the membership regarding the website, and at their meeting this year the committee will tackle these issues to develop a plan to improve this important public face of our society. One of the suggestions made during the discussion was to create an officer who would be the electronic editor. President Hanken informed us that most organizations redo the

website every two or three years. The committee will consider many of these suggestions and offer advice following their meeting. If anyone is interested in working on website issues, please contact President Hanken or Past-President Lundberg.

The EXEC then discussed changing the duties of the secretary. Cleaving some of the website responsibilities and the annual meeting responsibilities from the position will make it more attractive to potential candidates for the office in the future. Secretary Donnelly will present a plan for creating a JMIH program officer that would take over the meeting responsibilities.

The EXEC then moved on to a discussion of a constitutional change involving elections. The officers of the ASIH are elected by approximately 5–10% of the membership (those members who attend the annual business meeting). If we were to have electronic voting, a greater proportion of the membership would be involved in deciding the governance structure, compared to the small proportion of members that decide on society governance. The members of EXEC will begin working on constitutional changes soon.

Governor Collette suggested that the EXEC should be the only group to vote on the 990 form that Treasurer Neighbors files for the Internal Revenue Service. The responsibility for financial matters of the societies rests with the Board of Governors and EXEC feels like this is a responsibility of membership on the board. We will continue to distribute this form to members of the BOG annually for corrections and approval. If you have not yet responded to the call to approve the 990 form for 2009, please do so soon.

Governor Rick Mayden then joined the EXEC meeting to discuss a new approach to the Names of Fishes list that is published every ten years by the ASIH and the American Fisheries Society (AFS). Rick and his colleagues have developed a program called Taxon Tracker for North American Fishes that could easily be expanded and would become a “living” document that was updated regularly. Rick will present this proposal during our meeting today.

Past-President Lundberg charged the Education and Human Resources Committee to develop a proposal for a Meritorious Award for Teaching Ichthyology. The committee did so and it is included as a late report. Treasurer Neighbors asked if AES was on board to be a partner in giving the award. Pat Gregory offered editorial comments on the proposal, and Mike Douglas wondered if we could expand the nature of the award (to include teaching and/or public outreach). The EXEC is in favor of the award in principle, but needs to have some details clarified. We hope that we can move forward with this award and give the first award during the 2011 meeting.

The EXEC received a request for funding for an AFS publication on Walleye and Saugers, and while we found the proposal to be meritorious, we decided that we do not support publication of books that are not ASIH special publications. Secretary Donnelly will communicate this to the requester.

The Graduate Student Participation Committee (GSPC) requested that they use some of their student travel money to help offset the costs associated with attending the meeting for the committee chair. The EXEC voted to reimburse the chair this year, and we urge the GSPC to develop procedures for using travel money to help reduce the costs for the chair of the committee. The EXEC has supported lunches for the student business meeting, and

this year we were asked to support lunches for both the meeting and the workshop. We would like to see the GSPC figure out how to combine the two events to maximize the attendance of our student members.

President Hanken then turned to old business. Hearing none, he turned to new business. Eric Schultz described the panel that will be convened during this meeting to discuss the Deepwater Horizon oil spill with the press. President Hanken will also charge the MMPC with development of rapid presentations for 2011. The meeting was adjourned at 1:58 p.m.

REPORTS TO THE BOARD

President Hanken then called for approval of the reports presented in the 2010 Board of Governors book and the late reports distributed during the meeting except those exempted by the Executive Committee and the Board of Governors. The EXEC exempted the report from the Meetings Management and Planning Committee and the Committee to Nominate an Honorary Foreign Member in Ichthyology. Governor Parenti exempted the report from the Secretary, and Governor Cole exempted the report from the Editor. Governor Savage moved to approve the reports to the board, Governor Summers seconded the motion, and they were accepted unanimously.

President Hanken then called on Governor Parenti regarding her exemption of Secretary Donnelly's report. Secretary Donnelly described how the movement of our funds from Douglas County Bank to US Bank required a copy of our annual report to the state where ASIH was incorporated. Secretary Donnelly contacted the Washington, D.C. office in charge of corporation filings and she was told that because the ASIH was incorporated as a not-for-profit in Washington, D.C. in 1949, we were exempt from filing annual reports for the corporation. Treasurer Neighbors elaborated on Secretary Donnelly's explanation and clarified that ASIH is not required to file a “Statement of Domestic Nonprofit Corporation” with the District of Columbia, and Governor Parenti was satisfied with their explanation of the issue.

President Hanken then called on Governor Cole to comment on Editor Schaefer's report. Governor Cole lamented the costs for publication of color in print and online, and asked Editor Schaefer why we did not provide free or low-cost color. Editor Schaefer explained that Allen Press worked closely with us to find low-cost alternatives for publishing color, and as it stands, the society currently subsidizes the costs of color publication for its membership (half the costs). Governor Summers suggested that for-profit presses might be able to provide us with color; Governor Buth suggested that the annual membership dues to obtain journals from for-profit publishers are expensive, far more expensive than our current dues. Governor Collette pointed out that even the Smithsonian Institution had to drop certain for-profit journals because they could not afford the institutional rates. Governor Leo Smith pointed out that color preparation was not “free” and the Editor of *Copeia* had worked hard to limit those expenses. President Hanken wrapped up discussion of this issue and pointed out that we continue to balance our costs of publication against providing the lowest possible costs for color publication.

President Hanken then called on Bob Cashner to discuss the recommendations of the MMPC to shorten the annual meeting by a day. If there is a way to do this, our meetings

would be less expensive. The model for shortening the meeting was presented in Appendix H of the board book. Governor Cashner mentioned that if we adopt the model, we could cut our costs. We try to find the best possible deal from hotels and/or universities, but to date university campuses are not competitive with hotels, and many restrictions, such as no alcohol on campus, would not be attractive for our society. If the meeting is shortened by a day, the number of oral presentations would depend on the number of concurrent sessions that could be accommodated, and the MMPC decided that oral papers and posters would be accepted on a first-come-first-served basis. President Hanken read the recommendations from the MMPC: 1) reduce the number of meeting days from five to four, 2) limit the number of oral presentations to fit the new time line (seven concurrent sessions will accommodate 630 oral presentations), 3) oral presentations would be accepted until we hit the limit for a particular meeting, 4) invited presentations for symposia are protected with four sponsored symposia each year, 5) student papers will all be presented in block sessions on days 1 and 2 of the meeting and winners will be announced during the business meeting, 6) eliminate the banquet or consider a substitute event, and 7) authorize Kansas State Conference Services to negotiate a long-term agreement with a major hotel chain. Governor Cole advocated for shorter meetings. Dave Johnson wanted to discuss online voting and President Hanken referred that item to new business.

Governor Stouder asked how a long-term arrangement with a hotel chain might benefit us. Governor Cashner pointed out that if we used different hotels in the same chain, we might be able to secure long-term savings. President Hanken pointed out that all of these issues were related, and he called for a straw vote to determine if the BOG were in favor of shortening the meeting. The informal vote was overwhelmingly positive and President Hanken charged Bob and the Meetings Management and Planning Committee with development of plans to shorten the meeting by a day beginning in 2013.

Governor Berra asked Bob Cashner if we could develop a reduced fee for emeritus members. President Hanken suggested that ENFC would be the best body to consider emeritus category of society membership. Governor Greenfield then spoke about the desire to have accompanying persons at our meeting attend selected presentations, and he expressed disappointment with the MMPC decision to not create a special category for them. Bob explained that accompanying persons wishing to attend sessions could do so, but that we did not have the person-power available to monitor multiple types of registration. Governor Stouder pointed out that Kansas State did not make the decision to limit accompanying persons from attending the paper sessions and that the Meeting Management and Planning Committee did. President Hanken noted that EXEC took Governor Greenfield's request seriously, and we want accompanying persons to feel welcome. The MMPC thought through this request, and they gave valid reasons for their decision not to create a special category of registration; we already have ways to allow partners that accompany our members for the meeting to attend some paper sessions.

Discussion then ensued concerning the banquet and the picnic. The meeting survey revealed that the banquet was the least popular of our social events, and the MMPC suggested that the banquet be cancelled. Governor Cole

noted that the banquet was not serving the society as well as it once did. Governor Nicholson suggested that a picnic-like event would be better than the banquet because it is a low-cost event that is more affordable to our students. Governor Webb tried very hard to find a picnic venue for 2010 and could not, but she suggested that the ASIH and other JMIH societies should try to support zoos, aquaria, and museums in our host cities by holding events at these sites.

Governor Savitsky suggested we move the announcement of student Stoye and Storer awards to the plenary session of the next year to end the discussion of this report.

President Hanken then called on Bruce Collette to discuss the report from the Committee to Nominate an Honorary Foreign Member in Ichthyology. The committee unanimously approved Sven Kullander to serve as our newest Honorary Foreign Member. Not long after this decision was made, Fang Kullander passed away. Governor Collette wanted to share with the board a website that is a memorial to Fang: <http://svenkullander.se/fang/>.

President Hanken then called for approval of the four exempted reports. Governor Savage moved, and Governor Nicholson seconded the motion that carried unanimously.

OLD AND NEW BUSINESS

Under old business, Governor Cole asked about the number of copies of Special Publication number six members could buy for the costs of shipping and handling. President Hanken said that one copy of the book could be obtained for this price, and EXEC would work with Lance and Allen Press to set a price for a second copy to members.

Turning to new business, President Hanken called on Governor Mayden to discuss Taxon Tracker—the North American Fishes & Taxon Tracker. Rick is on the Common Names of Fishes—a joint committee of ASIH and AFS. Every 10–12 years, a list of common names is published. The day the list is printed, it is out of date, but many people prefer hard copies of documents. Taxon Tracker is a community-based, online system. Rick recruited volunteers to help test the program. He described how this program could be used by the Names Committee to develop a “living” document. Dave Johnson asked why this was brought up here. Rick pointed out that ASIH provides the academic power behind the common names list but it seems that AFS gets the glory. Frank Pezold thinks that an electronic list is a positive step in the right direction, but the deliberations regarding the acceptance of a name will not be transparent unless the opinions of the committee members are known.

President Hanken then called on Governor Buth who wanted to discuss the Meritorious Teaching Award in Ichthyology. Governor Buth stated that it is long overdue but had issues with the exemptions from the award listed in the proposal.

BOARD OF GOVERNOR ELECTIONS

Hearing no additional items of new business, President Hanken moved to the BOG approval of the ballots and called for a motion to approve. Governor Schultz asked to have Jacqueline Webb added to the slate of candidates for Board of Governors in Ichthyology, Jackie accepted the nomination and she was added. Governor Savage then moved to close the nominations, Governor Mushinsky seconded the motion, and the ballots were approved unanimously by the board. The BOG ballots were distribut-

ed for voting, collected, and the results were announced during the banquet. Eric J. Hilton was elected to a three-year term on the Robert H. Gibbs, Jr. Memorial Award Committee. Henry R. Mushinsky was elected to a three-year term on the Henry S. Fitch Award Committee. Alan H. Savitzky was elected to serve a three-year term on the Robert K. Johnson Award Committee.

President Hanken then called on the Board of Governors to approve by acclamation the nominations for our new Honorary Foreign Members. Governor Mushinsky moved to accept the nominees, Governor Savage seconded the motion, and the new Honorary Foreign Member in Herpetology, Natalia Ananjeva, and the new Honorary Foreign Member in Ichthyology, Sven Kullander, were approved unanimously.

The meeting of the Board of Governors was adjourned at 6:40 p.m.

ANNUAL BUSINESS MEETING: 11 JULY 2010

President Hanken called the annual business meeting to order at 6:00 p.m. in Meeting Room 556AB of the Rhode Island Convention Center. He first thanked all those who are involved in society business—committee members, committee chairs, and officers. He thanked the members of the local committee, especially the student volunteers and the Kansas State Conference Service staff who helped us run the meeting. President Hanken announced that we have positive news regarding Joe Nelson, who was diagnosed with a life-threatening medical condition late last year. This news led Joe to resign his President-Elect position with the ASIH that was to begin on 1 January 2010. The ASIH bylaws were followed when Mike Douglas agreed to become our President-Elect, and Jim expressed his gratitude to Mike for helping us navigate this difficult situation. President Hanken assured the members that he thought we could finish the meeting in less than the two hours allotted for it. He then called for a motion to approve the minutes as published in *Copeia* 2009(4):826–834; the motion was made, seconded, and passed unanimously. President Hanken called on Secretary Donnelly to read the minutes of the Board of Governors held on 7 July 2010. President Hanken called for a motion to approve the minutes as read, Bruce Collette moved, Lynne Parenti seconded the motion, and the minutes were accepted unanimously.

FUTURE MEETINGS

President Hanken then called on Bob Cashner to describe future meetings. Bob mentioned that the 2011 meeting will be held in Minneapolis, Minnesota from 6–11 July. Bob then called on Pat Gregory to describe the 2012 meeting that will be part of the 7th World Congress of Herpetology (8–14 August 2011). The 2012 meeting will be held on the campus of the University of British Columbia and alcohol is allowed on campus! The organization for the meeting is well under way, and two ichthyologists, Ted Pietsch and Larry Allen, are part of the local committee. A variety of housing options will be available on the campus. Bob then returned to the podium and described our status for 2013. While we do not have a firm invitation in hand, we are working with a variety of partners in Albuquerque to try and resolve some hurdles to meeting in this city. The Convention Center in Albuquerque wants an 80% deposit and Kansas State usually only pays 50% of those costs.

PRESENTATION OF GAIGE AND RANEY AWARDS

President Hanken then called on Emily Taylor to present the Gaige Certificates for 2010: **Andrea Acevedo**, Oklahoma State University, Mate choice strategies in collared lizards: Sexual selection in toddlers; **Simone Des Roches**, University of Idaho, Evolution of lizard functional morphology following colonization of a novel habitat in White Sands, NM; **Caitlin Fisher-Reid**, Stony Brook University, Evolution of parapatric distribution of ecotypes; **Julius Frazier**, California Polytechnic State University, San Luis Obispo, Relationships between neurogenesis, testosterone levels, and the spatial ecology of a rattlesnake; **Elaine Klein**, San Diego State University, Estimating skink phylogeography to test hypotheses of dispersal in the Pacific; **Amy Luxbacher**, University of Minnesota, Modeling the past as a window to the future: A study of how past climate has influenced the distribution and demographic history of the montane salamander, *Plethodon jordani*; **Heather Shaffery**, University of Pittsburgh, Sex, disease, and rock 'n' roll: How mating, parasites, and kinship are interrelated at the major histocompatibility complex (MHC); **Michael Steffen**, University of Tulsa, Comparative phylogeography of Ouachita Mountain Salamanders; **Christopher Thawley**, University of Alabama, What determines a good invader? Physiological adaptations and genetic variation as correlates of invasion success; **Denetia Weeks**, California State University Northridge, Fundamental niche modeling and implications of global climate change for the world's southernmost gecko. Caitlin Fisher-Reid, Elaine Klein, Michael Steffen, and Denita Weeks came forward to accept their certificates during the meeting. Congratulations to all the 2010 Gaige awardees.

President Hanken then called on Kyle Piller to present the Raney Awards for 2010: **Nicholas Gidmark**, Brown University, Stability and force in the pharyngeal jaw of durophagous Black Carp, *Mylopharyngodon piceus*; **Sandy Kawano**, Clemson University, Exploring water-to-land transitions of fishes using biomechanical techniques; **James O'Donnell**, University of California Santa Cruz, Comparative phylogeography of anemonefishes; **Cynthia O'Rourke**, University of Maryland in Baltimore County, Sex roles and the operational sex ratio in the Fantail Darter, *Etheostoma flabellare*; **Joe Waddell**, University of Central Florida, Electric signals, reproduction, and life history: Understanding trade-offs using *Brachyhyppopomus*, a genus of South American electric fishes. Nicholas Gidmark, Cynthia O'Rourke, and Joe Waddell came forward to accept their certificates. Congratulations to all the 2010 Raney awardees.

SUBSTANTIVE RESOLUTIONS

Al Savitzky came forward to read six resolutions for the Conservation Committee concerning elasmobranchs. All six resolutions were approved unanimously. Henry Mushinsky read a resolution for marine turtles, Bruce Collette read a resolution for Bluefin Tuna, and Eric Schultz read a resolution he and Jackie Webb wrote for the panel discussion on the Deepwater Horizon oil spill. All resolutions were accepted unanimously by the membership.

RESOLUTION FOR AMERICAN SAWFISH.—WHEREAS all the world's sawfish species are classified as Critically Endangered under the IUCN Red List of Threatened Species, and

WHEREAS pursuant to a petition from a conservation organization (WildEarth Guardians), the National Marine Fisheries Service (NMFS) in May 2010 proposed listing the Largetooth Sawfish (*Pristis perotteti*) as Endangered under the Endangered Species Act (ESA), on the basis of a status review of the species and the best available data, and

WHEREAS finalization of the proposal would result in strong U.S. federal protections for the species and government efforts to encourage other range countries to take similar steps, and

WHEREAS the U.S. population of Smalltooth Sawfish (*Pristis pectinata*) was listed under the ESA as Endangered in 2003 and a recovery plan completed in 2009, and

WHEREAS the U.S. Smalltooth Sawfish recovery plan can serve as a model for sawfish conservation initiatives around the world, particularly if it is properly implemented,

THEREFORE BE IT RESOLVED that the American Society for Ichthyologists and Herpetologists urges the National Marine Fisheries Service to move forward with listing Largetooth Sawfish as Endangered under the Endangered Species Act and work to ensure prompt and full implementation of the Smalltooth Sawfish Recovery Plan.

RESOLUTION FOR NORTHWEST ATLANTIC HAMMERHEAD SHARKS.—WHEREAS there are no species-specific catch limits for Northwest Atlantic scalloped, great, or smooth hammerhead sharks (*Sphyrna lewini*, *S. mokarran*, *S. zygaena*) under the National Marine Fisheries Service (NMFS) Atlantic Highly Migratory Species Management Plan, and

WHEREAS a population assessment for the Northwest Atlantic hammerhead complex derived from catch and population trend data from multiple studies found a 72% decline in abundance from 1981 to 2005 (Jiao et al., 2008), and an assessment specific to *S. lewini* using similar data sources reported an 83% decline since 1981 (Hayes et al., 2009), and

WHEREAS NMFS is currently reviewing these hammerhead shark assessments and their applicability to U.S. Atlantic fishing limits, and

WHEREAS the U.S. unsuccessfully proposed these hammerhead species for listing under Appendix II of the Convention on International Trade in Endangered Species (CITES) in March 2010, and

WHEREAS measures to prevent overfishing and rebuild populations of hammerhead sharks off the U.S. are urgently warranted and would likely improve the chances for success should the U.S. decide to propose hammerhead protections at the next CITES meeting,

THEREFORE BE IT RESOLVED that the American Society for Ichthyologists and Herpetologists urges the National Marine Fisheries Service to promptly propose and finalize species-specific fishing limits for scalloped, great, and smooth hammerhead sharks, in line with the results of the review of existing population assessments and other relevant scientific advice for the species.

RESOLUTION REGARDING THE EU BAN ON SHARK FINNING.—WHEREAS several European Union (EU) Member States contribute significantly to global trade in shark fins and support vessels that fish all over the world, and

WHEREAS the effectiveness of the EU shark finning ban is undermined by the associated regulation that allows fishermen to land shark fins and carcasses separately in

different ports and grants the highest fin-to-carcass weight ratio in the world (5% of whole weight), and

WHEREAS U.S. scientists have determined that 5% of the dressed weight of a shark represents an upper limit for fin-to-carcass ratios, and

WHEREAS Canadian and U.S. fishermen abide by a 5% dressed weight fin-to-carcass ratio and U.S. Atlantic fishermen may also not remove shark fins at sea, and

WHEREAS all the world's international finning bans, in order to be consistent with the EU fin-to-carcass ratio and lower ratios, intentionally do not specify "dressed" or "whole weight," thereby allowing for leniency on a global scale, and

WHEREAS shark scientists at a 2006 European technical workshop reviewed available data regarding EU shark fisheries and recommended improving the effectiveness of the finning ban by replacing the fin-to-carcass ratio with a requirement that sharks be landed with fins naturally attached, and

WHEREAS the European Commission pledged in 2009 to strengthen the EU finning regulation and is expected to soon engage the public in consultation over a range of options to do so,

THEREFORE BE IT RESOLVED that the American Society for Ichthyologists and Herpetologists urges the European Commission to propose without further delay measures to strengthen the EU ban on shark finning by minimizing (ideally to zero) the number of vessels permitted to remove shark fins at sea and requiring that such vessels land shark fins and carcasses simultaneously under an allowable fin-to-carcass ratio that does not exceed 5% of the dressed weight of the shark.

RESOLUTION REGARDING THE SHARK CONSERVATION ACT.—WHEREAS finning—the practice of slicing off a shark's fins and discarding the body at sea—is wasteful, often contributes to excessive shark mortality, and has been banned in all United States (U.S.) waters, and

WHEREAS the U.S. House of Representatives has passed and the Senate has yet to act on the Shark Conservation Act, a bill that would ban the removal of shark fins at sea, apply finning measures to vessels other than fishing vessels, establish a process for encouraging comparable shark conservation programs in other countries, and allow for the ultimate sanction of countries without such programs, and

WHEREAS a requirement that sharks be landed with their fins naturally attached greatly simplifies enforcement of the shark finning ban and enhances collection of species-specific data needed for shark population assessment, and

WHEREAS the National Marine Fisheries Service (NMFS) has prohibited the removal of shark fins at sea for fisheries of the Atlantic and Gulf of Mexico, but not for those of the U.S. Pacific, and

WHEREAS the ability to block imports of shark and other seafood products from nations whose standards for shark conservation are not comparable to the U.S. would ensure a level playing field for U.S. fishermen and provide an important tool for international shark conservation, and

WHEREAS current application of the finning legislation to only "fishing vessels" has prevented enforcement action against chartered, transport vessels carrying shark fins without corresponding carcasses, and

WHEREAS legislation identical to the House bill has been introduced in the United States Senate and yet little time remains before adjournment of the current Congress,

THEREFORE BE IT RESOLVED that the American Society for Ichthyologists and Herpetologists respectfully requests that the United States Senate promptly pass the Shark Conservation Act and send it to the President at the earliest opportunity.

RESOLUTION REGARDING U.S. POSITIONS AT REGIONAL FISHERY MANAGEMENT ORGANIZATIONS.—WHEREAS the United States is a Party to the International Commission for the Conservation of Atlantic Tunas (ICCAT) and the Northwest Atlantic Fisheries Organization (NAFO), and

WHEREAS parties to ICCAT and NAFO will consider scientific advice with respect to allowable catches of elasmobranch species at their 2010 annual meetings, and

WHEREAS the NAFO Scientific Council is preparing updated advice regarding the NAFO total allowable catch (TAC) for Thorny Skate (*Amblyraja radiata*), and

WHEREAS ICES and Canadian scientists have reported serious declines in North Atlantic Porbeagle (*Lamna nasus*) biomass, ICES scientists have recommended a ban on landing Northeast Atlantic Porbeagles, and Canadian scientists have estimated the recovery time for Northwest Atlantic Porbeagles at up to 100 years, and

WHEREAS ICCAT scientists have concluded that North Atlantic Shortfin Mako Sharks (*Isurus oxyrinchus*) are likely overfished and a reduction in fishing mortality on this population is necessary to improve this status, and

WHEREAS ICCAT parties adopted a binding recommendation to reduce fishing mortality on North Atlantic Shortfin Mako and Porbeagle Sharks which exempts countries with peer-reviewed stock assessments (not science based management measures) and fails to mandate specific fishing limits,

THEREFORE BE IT RESOLVED that the American Society for Ichthyologists and Herpetologists urges the National Marine Fisheries Service to prepare proposals for the upcoming annual meetings of ICCAT and NAFO for catch limits for Thorny Skates, Porbeagles, and Shortfin Makos that are in line with available scientific advice and the precautionary approach and are binding on all parties.

RESOLUTION REGARDING ATLANTIC COWNOSE RAYS.—WHEREAS the fishing industry along the East Coast, particularly in Virginia and Maryland, is aggressively promoting targeted fishing, new markets, and eradication programs for the Cownose Ray (*Rhinoptera bonasus*) through state governments, seafood shows, the media, and their “eat a ray, save the bay” initiative (which suggests cownose ray consumption is good for the environment), and

WHEREAS Cownose Rays are among the least fecund marine vertebrates, with females maturing around age eight and usually producing just one pup per year after an 11-month gestation period, and

WHEREAS large scale removal of a similar South American species, *Rhinoptera brasiliensis*, led rapidly to population depletion followed by an IUCN categorization as Endangered, and

WHEREAS there have been no assessments of East Coast Cownose Ray population status or sustainable catch levels, and

WHEREAS there are no limits on Cownose Ray fishing and no concrete plans for managing the fishery,

THEREFORE BE IT RESOLVED that the American Society for Ichthyologists and Herpetologists urges Atlantic states

where Cownose Rays are being landed, particularly Virginia and Maryland, to immediately impose precautionary Cownose Ray catch limits and initiate development of a population assessment and science-based interstate management plan, as a matter of priority.

RESOLUTION FOR SEA TURTLES AFFECTED BY THE DEEPWATER HORIZON SPILL.—WHEREAS the ASIH is the largest professional society of ichthyologists and herpetologists in North America, and

WHEREAS the Gulf of Mexico supports critical breeding populations of five species of sea turtles including the Green (*Chelonia mydas*), Leatherback (*Dermochelys coriacea*), Loggerhead (*Caretta caretta*), Hawksbill (*Eretmochelys imbricata*), and Kemp’s Ridley (*Lepidochelys kempii*) that are listed as endangered or threatened under the Endangered Species Act, as well as the imperiled Diamondback Terrapin (*Malaclemys terrapin*) that inhabits nearshore estuarine habitats, and

WHEREAS these turtle species nest on Gulf Coast beaches and depend on the neritic and oceanic environments (including *Sargassum*) to complete various stages of their complex life cycles in this region and elsewhere in nearby Atlantic waters, and

WHEREAS because hatchling and subadult sea turtles disperse widely into poorly studied offshore habitats, comparatively little is known about their biology, including patterns of movements, habitat use, growth rates, and survivorship in what is traditionally called the “lost years,” and because surviving individuals of most species return to nest on their natal beach where adults and their egg clutches are easily sampled, we know much more about the natural history and genetics of nesting sea turtle populations, and

WHEREAS many of these species, including a number of genetically distinct subpopulations, currently are in decline because of a variety of natural and anthropogenic causes, and

WHEREAS the Deepwater Horizon Mississippi Canyon 252 Incident has released unprecedented amounts of oil into the Gulf of Mexico that further threatens the nesting beaches and offshore habitats of these species, and oil and its residues are known to cause mortality and morbidity to all life stages of these turtles, and

WHEREAS as of 8 July 2010, the Consolidated Fish and Wildlife Collection Report has confirmed the collection of 157 live sea turtles and 449 dead sea turtles during response activities to this oil spill, of which 112 individuals (18.5%) were visibly oiled and evaluation of the cause of death of 355 individuals (79.1%) was still pending, and

WHEREAS these documented cases are presumed to represent a small, but unknown fraction, of the past direct effects of the oil spill on offshore sea turtles, and these negative impacts are anticipated to continue into the foreseeable future, and

WHEREAS the indirect effects, which are caused by the spill, are later in time and are reasonably certain to occur, likely include at least the following:

- Disturbance, injury, and mortality as a result of efforts to stop the spill, skim and remove surface oil, or burn surface oil offshore.
- Increased rates of mortality, decreased growth rates, and/or decreased rates of reproductive effort or success from consuming food contaminated by oil or oil dispersants.

- Higher incidence of infectious diseases, cancers, and other disorders.
- Increased energy expenditure from avoiding oiled habitats or remaining submerged for longer periods.
- Fewer mating opportunities caused by disturbance, reductions in population densities, habitat loss or degradation, or physical barriers to reproductive encounters.
- Lowered reproductive effort and/or success on nesting beaches, caused by beach cleanup operations and/or contaminated nesting sites, including an increase in false crawls, fewer eggs or nesting attempts by females, lower hatching success, and lower survivorship of hatchlings.
- Potential genetic and demographic consequences to subpopulations, as $\pm 50,000$ sea turtle eggs are translocated from Northern Gulf Coast nests to currently uncontaminated beach sites on the Atlantic Coast of Florida, and

WHEREAS long-term, cumulative effects to populations also may occur as a result of degraded offshore and nesting habitat, operating in concert with existing natural and human-induced threats, including onshore beach renourishment projects, artificial lighting and subsidized mesopredator populations, and offshore where turtles are a significant bycatch in fishing gear,

THEREFORE BE IT RESOLVED that the American Society of Ichthyologists and Herpetologists supports the following actions in response to the Deepwater Horizon Mississippi Canyon 252 Incident:

- Increased coordination and cooperation among the Trust resource agencies (i.e., NOAA/NMFC, USFWS, state wildlife agencies), the responsible parties, and their consultants. In particular, we urge that the activities related to Response/Rescue, National Resource Disaster Act (NRDA), and Restoration be coordinated to maximize the long-term value of the data and specimens being collected to benefit the conservation of these turtle species, and
- The translocation of sea turtle eggs from contaminated Northern Gulf Coast sites to currently uncontaminated Atlantic Coast beach sites in Florida in the 2010 nesting season, as a one-time effort to minimize the potential loss of essentially the entire hatchling cohort from this region, and
- The development and implementation of protocols to ensure that all sea turtle carcasses with all appropriate collection data are recovered to maximize their scientific value, including their ultimate disposition in accredited museum collections, and
- The development and implementation of protocols to ensure that blood and other tissues from all live and dead sea turtles be preserved in a manner suitable for future DNA genetic analysis, including a subsample of eggs (shells of hatchlings and eggs that fail to hatch) from all translocated nests.

RESOLUTION FOR THE ATLANTIC BLUEFIN TUNA.—WHEREAS both western and eastern Atlantic stocks of Atlantic Bluefin Tuna (*Thunnus thynnus*) have been severely depleted by years of overfishing, resulting in a population decline of 82% since 1970 in the western stock and 60% in the last ten years in the eastern stock, and

WHEREAS, Monaco's proposal to list the Atlantic Bluefin Tuna on CITES was defeated at the meeting of the parties in Doha in March 2010, and

WHEREAS, the western Atlantic stock is under even further pressure from the BP Deepwater Horizon oil spill in the Gulf of Mexico, the only spawning area for western Atlantic bluefin, right at spawning time for this stock which may hinder spawning this year or cause high mortality for any larvae successfully spawned, and

WHEREAS in May the Center for Biological Diversity petitioned the U.S. Department of Commerce to list the Atlantic Bluefin Tuna as Endangered under the U.S. Endangered Species Act, and

WHEREAS, the National Marine Fisheries Service has 90 days to issue an initial finding as to whether the Petition presents substantial information that the petitioned action may be warranted, not whether the listing is warranted,

THEREFORE BE IT RESOLVED that the American Society of Ichthyologists and Herpetologists supports the Petition of the Center for Biological Diversity and will inform the National Marine Fisheries Service of our support.

RESOLUTION FOR ASIH PANEL DISCUSSION ON DEEPWATER HORIZON OIL SPILL.—WHEREAS the Deepwater Horizon oil blowout has released hundreds of millions of gallons of petroleum into the Gulf of Mexico since 20 April, and

WHEREAS the Joint Meeting of Ichthyologists and Herpetologists (JMIH), held in Providence, RI, hosted a late-breaking discussion on the faunal and ecological impacts of the disaster with an audience of 140 conference attendees on 10 July 2010, guided by a panel of JMIH Gulf State scientists, and

WHEREAS public interest in the scientific response to the disaster drew media coverage of the panel discussion by the Providence Journal, WRNI Rhode Island Public Radio, and Science News and,

WHEREAS the panel discussion revealed multiple potential short- and long-term impacts of the disaster on the species, fisheries, economies, and ecosystems of the Gulf region, such as destruction of coastal and estuarine nursery areas, the loss of an entire year class of Atlantic Bluefin Tuna and other Gulf of Mexico dependent fishes, mortalities of listed sea turtles, the ecological amplification of oil and dispersant-related toxins, long-term impairment of animal health, and threats to Gulf endemic species, and

WHEREAS widespread interest has been evoked by visible manifestations of the event, but that the effects of oil and dispersants on coastal, pelagic and deep sea habitats may linger and must not be forgotten,

THEREFORE BE IT RESOLVED that we applaud the public service of Gulf-area institutions and scientists, who have mobilized to quickly synthesize baseline data and collect new data to document the effects of the disaster, and

BE IT FURTHER RESOLVED that we urge federal, state, and local authorities to direct substantial and critically needed resources in order to mount a comprehensive and coordinated effort to collect and rapidly disseminate data.

ELECTION OF OFFICERS

President Hanken then called on the election facilitators (Lilly Eluvathingal, Vivian Maccachero, Seiichi Murasaki, Justin Nowakowski, Jennifer Stynoski, and Steven Whitfield) to distribute the ballots. President Hanken called for nominations from the floor, and Brian Crother nominated

Rafael de Sá for a slot as a herpetologist for the Nominating Committee. Rafael indicated his willingness to run. A motion was made to close nominations, the motion was seconded, and it passed unanimously.

Results of the elections were announced at the banquet and are listed here (an asterisk [*] denotes re-election of an incumbent officer): President-Elect: Steven J. Beupre; Secretary: Maureen A. Donnelly*; Treasurer: Margaret A. Neighbors*; Editor: Scott A. Schaefer*; Index Co-Editor: Cynthia Klepadlo*; Index Co-Editor: James W. Orr*; Ecology and Ethology Associate Editor: Jacqueline D. Litzgus*; Ecology and Ethology Associate Editor: Joel M. Snodgrass*; Ecology and Ethology Associate Editor: Sharon E. Wise*; Ecology and Ethology Associate Editor: Jacob Schaefer; General Herpetology Associate Editor: David Kizirian*; General Herpetology Associate Editor: Michael J. Lannoo*; General Herpetology Associate Editor: Tod W. Reeder*; General Ichthyology Associate Editor: Donald G. Buth*; General Ichthyology Associate Editor: Roberto E. Reis*; Genetics, Development, and Morphology Associate Editor: Wm. Leo Smith; Physiology and Physiological Ecology Associate Editor: Karen L. Martin*; Book Review Editor—Ichthyology: Wm. Leo Smith*; Book Review Editor—Herpetology: Taran Grant*; Chair of the Nominating Committee: Rich Vari; Nominating Committee Members: Stephen T. Ross, Rafael de Sá, and Roger Anderson. We filled the class of 2011 Governors with Andrew Storfer (herpetology). The herpetological members of the Board of Governors—Class of 2015 are: Chuck Crumly, Bobby Espinoza, Ann Paterson, Steven Richter, and Mary White. The ichthyological members of the Class of 2015 are: John Friel, Edie Marsh-Matthews, Tom Munroe, Mark Pyron, and Jacqueline Webb.

OLD AND NEW BUSINESS

President Hanken then called for items of old business. Hearing none, he asked for items of new business. Hearing none, he thanked the officers and volunteers for their service. He called on Eric Schultz who announced that the Endowment and Finance Committee is looking for members.

President Hanken announced that the graduate student book raffle proceeds will be matched by the ASIH general operating fund. This year the students earned \$2,453 during the book auction, and these funds will be matched by the ASIH general operating fund. The names of the winners of the 2010 Clark Hubbs Student Travel Awards are: International Herpetology: **Bastian Egeter**; International Ichthyology: **Tsai Chun-Hsin**; Herpetology: **Claudia Ceballos, M. Caitlin Fisher-Reid, Jackie Guzy, Chelsea Korfel, Angela B. Marion, Dustin S. Siegel, Amber Teare**; Ichthyology: **Neil Aschliman, Tiago Pinto Carvalho, Lesley S. de Souza, Ron I. Eayton, Malorie Hayes, Chouly Ou, and Jonathan Paul Velotta**.

The meeting was adjourned at 7:05 p.m.

ANNUAL BANQUET: 12 JULY 2010

Emcee Lynne Parenti opened the banquet at 6:58 p.m. She informed the audience that she was the mistress of ceremonies, and she invited everyone to enjoy the meal. Lynne reconvened the banquet at 8:06 p.m. and introduced herself as a systematic ichthyologist from the Smithsonian. She feels like she needs to treat every banquet as if it is the last. The banquet in Providence is the 34th banquet Lynne has attended. The Presidential address used to be given at

the banquet. Ted Pietsch brought someone in who gave frog calls. Lynne loves the fact that the ASIH archives are stored at the Smithsonian in the “nation’s attic,” and she looked at some of the memorabilia to prepare for this evening. In 1996 the program was the size and shape of Rhode Island. Dopeia was last published in 1991, and it is clearly twice the size of Rhode Island. Lynne pulled out a tie and noted that they used to be seen commonly at banquets, but they are now only seen rarely. In the past we used to get mugs for beer but now we have to buy our own mugs. She pulled out the same horn she used in past years to move people off the stage and calm the crowd. Lynne noted that many visitors to the museum are anxious to see the Hope Diamond and the gowns of first ladies. Lynne called Marlis Douglas up to the stage and asked Marlis to donate her yellow suit for the archives. Marlis happily removed her lemon yellow suit to donate it to the archives along with Dopeia, the program, and the rubber chicken.

Lynne reported on the meeting statistics. A total of 1,031 persons attended the meeting; 525 were professionals, 464 were students, there were 28 exhibitors, 15 accompanying persons, and four persons from the press were in attendance. We were happy to see that 45% of the attendees were students. Twenty-five countries were represented: Argentina, Australia, Austria, Bahamas, Belgium, Brazil, Canada, Germany, Italy, Japan, Korea, Malawi, Malaysia, Mexico, Netherlands, New Zealand, Poland, Portugal, Saudi Arabia, Sweden, Taiwan, Thailand, United Kingdom, United States, and Venezuela. Lynne shared her condolences with visitors from Brazil and the Netherlands for their World Cup results. She then introduced her partners at the head table. Representing the ASIH: James Hanken, Maureen Donnelly, Margaret Neighbors; Representing the AES: Ed Heist, Kate Heist; Herpetologists’ League: Hal Heatwole, Meredith Mahoney; SSAR: Kirsten Nicholson, Marion Preest, Brian Crother, and Mary White.

Lynne then thanked the local committee: Jackie Webb, Beth Brainerd, Eric Schultz, Kurt Schwenk, Cheryl Wilga, Brad Wetherbee, Emily Becker, Margot Bergstrom, Ariel Camp, Juleen Dickson, Kevin Fung, Nicholas Gidmark, Susan Herrick, Kristiina Hurme, Anabela Maia, Joe Marini, Jason Ramsay, and Eric Rulison. She also thanked the K-State staff: Heide Burke, Rebecca Frakes, and Cara Koerperich.

Lynne then called on all past presidents of AES, ASIH, HL, and SSAR to stand and be recognized. She also reported that the student book raffle made \$2,543 in 2010, and the ASIH matches this to provide travel money to our student members. Lynne called on Mo Donnelly to distribute Certificates of Appreciation to Past-President John Lundberg and to outgoing associate editors Joseph Quattro and Jacqueline Webb.

PRESENTATION OF STOYE AND STORER AWARDS

Lynne then called on John Steffen to come forward and announce the winners of the Stoye and Storer Awards. The chair of the Conservation Committee was Frank Pezold, and the members of the committee were Jennifer Deitloff and Norma Salcedo. The winner of the award was **Justin Davis**, University of Connecticut, for his talk entitled “A moveable feast: Striped Bass predation on alosines during vernal spawning migrations.” The chair of the Ecology and Ethology Committee was Karen Warkentin, and the members of the committee were Mark Davis, Terry Donaldson, Gary Gerald, Joe Luczkovich, Catherine Phillips, and Eric

Schultz. The winner of the award is **Kasie Groom**, University of Hawaii at Manoa, for her talk entitled "Potential sites for arginine vasotocin modulation of sensory systems differ with phase in a sex changing teleost (*Thalassoma duperrey*).” The chair of the Genetics, Development, and Morphology Committee was Dominique Adriaens, and the members of the committee were Marianne Porter and Steve Mussman. The winner of the GDM Stoye award is **Jennifer Eichelberger**, Southern Illinois University, for her talk entitled "Single nucleotide polymorphisms (SNPs) in *Scaphirhynchus* sturgeons: What have we learned so far?" The chair of the General Ichthyology Committee was Tony Harold, and the members of the committee were John Baker, Prosanta Chakrabarty, Cristina Cox Fernandez, and Matt Davis. The winner of the General Ichthyology award is **Neil Aschliman**, Florida State University, for his talk entitled "A new framework for interpreting the evolution of skates and rays (Chondrichthyes: Batoidea)." The chair of the Physiology and Physiological Ecology Committee was John Steffen, and Mary White and Steve Beaupre were members of the committee. The winner of the Stoye Award in PPE is **Sean Graham**, Auburn University, for his talk entitled "Does thermal flexibility of an innate immune cascade allow immunological flexibility for the cottonmouth?" The chair of the Storer Award for Herpetology was Aaron Bauer. Chris Austin and Pablo Delis were committee members. The winner of the Storer Award for Herpetology was **Edward Stanley**, American Museum of Natural History, for his poster entitled "A phylogenetic analysis of the *Cordylus warreni* species complex." The chair of the Storer Award of Ichthyology was Eric Hilton; Lisa Lobel and Hernan Lopez Fernandez were judges. The winner of the Storer Award in Ichthyology is **Malorie Hayes**, Southeastern Louisiana University, for her poster entitled "Phylogeography of *Percina nigrofasciata*."

Ed Stanley and Malorie Hayes were on hand to receive their Stoye certificates and checks.

BANQUET RESOLUTIONS

Lynne then called on Karsten Hartel and Kassie Cole to read the banquet resolutions.

RESOLUTION FOR THE PLENARY SESSION.—WHEREAS attendees of JMIH plenary session were regaled with enlightening and entertaining presentations on frog calls, frog princes, both known-unknown, known-known and geriatric fishes, and

WHEREAS these presentations were so engaging as to extend the opening session by over 45 minutes,

THEREFORE BE IT RESOLVED that members of the joint societies thank the illustrious plenary speakers: Kentwood Wells, John Lundberg, Indraneil Das, and Greg Cailliet.

RESOLUTION FOR THE LOCAL HOSTS.—WHEREAS these meetings are being held in historic New England, in the smallest state, which is near the size of the city of Houston, and

WHEREAS normal summer temperatures and ocean breezes make living easy in Rhode Island. But during these meetings record hot temperatures made attendees from southern states and countries remark that it was hotter here than in their homes, and

WHEREAS the local hosts made us forget the heat and produced an exceptionally well organized meeting,

THEREFORE BE IT RESOLVED that members of the joint societies express their thanks to the local hosts: Beth Brainerd, Eric Schultz, Kurt Schwenk, Brad Wetherbee, Cheryl Wilga, and chaired expertly by Jackie Webb, all with the help of students from Brown, UConn, and URI: Emily Becker, Margot Bergstrom, Ariel Camp, Juleen Dickson, Kevin Fung, Nick Gidmark, Susan Herrick Kristiina Hurme, Anabela Maia, Joe Marini, Jason Ramsay, and Eric Rulison.

RESOLUTION FOR THE KANSAS STATE CONFERENCE GROUP.—WHEREAS the Kansas State Conference group has managed the JMIH meetings for eight years, and

WHEREAS these meetings have ranged for Portland to Providence and from Montreal to New Orleans,

THEREFORE BE IT RESOLVED that our joint societies thank the Kansas State group and for a job well done and especially recognize the efforts of Heide Burke, Rebecca Frakes, and Cara Koerperich.

RESOLUTION FOR LUNDBERG/SABAJ PÉREZ.—WHEREAS Mark Sabaj Pérez noted that John Lundberg has contributed extensively to biodiversity studies, occasionally very concisely, even in 43 words or less, and

WHEREAS Mark and John have introduced a modification to the phylogenetic species concept called the microallopatric species hypothesis, or MASH, that can double known biodiversity even when only one specimen is available because NO fish is ever perfectly bilaterally symmetrical,

THEREFORE BE IT RESOLVED that all specimens be examined and sampled on BOTH sides to help meet the biodiversity goals set for certain funding sources.

RESOLUTION FOR RHODE ISLAND.—WHEREAS the state of Rhode Island is the smallest one of all in the Union, and

WHEREAS because of that status it has become a useful comparison of size,

THEREFORE BE IT RESOLVED that JMIH attendees will redefine RI from a measure used in systematics, the retention index, to one of area called Rhode Island.

RESOLUTION FOR BUSES TO ZOO.—WHEREAS buses transported a happy group of expectant attendees to the opening reception at Roger Williams Park, and

WHEREAS the buses initially stopped in error at the Park Casino, and after a very long wait realized that the reception was at the zoo on the other side of the Park which necessitated an interesting early evening tour of Providence landmarks, and

WHEREAS this is not the first time that buses for JMIH functions have gone astray,

THEREFORE BE IT RESOLVED that future JMIH meetings combine a sight-seeing tour with the opening reception and therefore kill two birds with one stone.

RESOLUTION FOR JOE NELSON.—WHEREAS his "Fishes of the World" is responsible for etching the same outline images of fish families into the brains of ichthyology students everywhere, and these same students attending past meetings have been able to experience his geniality and always positive encouragement, and

WHEREAS ichthyologists are never more than an arm's length away from the bible of fishes according to the Book of Joe, and

WHEREAS without his efforts, many fish species would not know what to call each other unless they swim in Latin schools, and

WHEREAS JMIH recognizes that a meeting without Joe is like starting a day without a cup of joe,

THEREFORE BE IT RESOLVED that JMIH extends its best wishes to Joe Nelson and wishes he were here.

RESOLUTION FOR THE HOTELS.—WHEREAS electronic elevator keys at the Westin provided excellent security, so excellent that patrons could not always access their floors, and

WHEREAS the Biltmore air conditioner system amounted to having one wall of the room cool and little else,

THEREFORE BE IT RESOLVED that the Westin and Biltmore convene a meeting at the Convention Center or at the Dunk to share technologies so that future visitors to this great city will enjoy both access to rooms and effective AC.

RESOLUTION FOR THE ZOO RECEPTION.—WHEREAS JMIH members at the zoo reception deemed a certain beer to be unrelated to other more desirable species based on

both molecular and morphological characters using likelihood, Bayesian, and parsimony analyses, and

WHEREAS this distinct unrelatedness resulted in die-hard beer drinkers, on a scorching and otherwise perfect beer drinking night, resorting to whining about the beers and drinking red wine,

THEREFORE BE IT RESOLVED that future JMIH meetings supply beers from local breweries like Providence's Trinity Union or RiRa.

Lynne then called on Pat Gregory to invite us to the 7th World Congress of Herpetology in 2012. The meeting will be held 8–14 August 2012, and all JMIH societies have been invited. David Green is the chair of the Scientific Program Committee, and it promises to be an excellent meeting for JMIH. Lynne then invited everyone to attend the meeting in 2011 in Minneapolis. The meeting will be held from 6–11 July and Lynne will be there to celebrate her 35th meeting and hopefully attend her 35th banquet!

The banquet was adjourned at 9:00 p.m.

Respectfully submitted,
Maureen A. Donnelly
ASIH Secretary
2 September 2010
Miami, Florida