

American Society of Ichthyologists and Herpetologists

Board of Governors Meeting



Chattanooga Convention Center – Banquet Room H

Chattanooga, Tennessee

30 July 2014



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

2 July 2014

The ASIH Board of Governor's is scheduled to meet on Wednesday, 30 July 2014 from 5:00 – 7:00 pm in Banquet Room H of the Chattanooga Convention Center.

President Shaffer plans to move blanket acceptance of all reports included in this book that cover society business for 2013 and 2014 (in part). The book includes the ballot information for the 2014 elections (Board of Governors Election and General Election held during the 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 a version of this booklet with you to the meeting. I am not printing paper copies this year. The Convention Center has free wifi throughout and the Twitter hashtag for the meeting is #JMIH14.

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 (if you have not contacted me yet) so I can share your regrets with the Governors. I will leave for Chattanooga on 28 July so try to contact me before that date if possible.

The Annual Business Meeting will be held on Saturday 2 August 2014 from 6:00 to 8:00 pm in Banquet Room G of the Convention Center. Please plan to attend both the BOG meeting and Annual Business Meeting.

I look forward to seeing you in Chattanooga.

Sincerely,



Maureen A. Donnelly
ASIH Secretary

ASIH BOARD OF GOVERNORS 2013

Past Presidents		Executive Committee	Elected Officers (not on EXEC)
Beaupre, S.J.	Mayden, R.L.	Beachy, C.K.	Buth, D.G.
Burr, M.B.	McDiarmid, R.W.	Beaupre, S.J.	Chakrabarty, P.
Cannatella, D.C.	Mushinsky, H.R.	Cundall, D.	Espinoza, R.E.
Cashner, R.C.	Page, L.M.	Donnelly, M.A.	Grande, T.
Cohen, D.M.	Parenti, L.R.	Douglas, M.E.	Kerby, J.
Collette, B.B.	Pietsch, T.W.	Litzgus, J.D.	Klepadlo, C.
Douglas, M.E.	Pough, F.H.	Martin, F.D.	Lannoo, M.J.
Frost, D.R.	Rabb, G.G.	Matthews, W.J.	Litzgus, J.D.
Gilbert, C.R.	Robins, C.R.	Shaffer, H.B.	Martin, K.L.
Greene, H.W.	Rosenblatt, R.H.		Orr, J.W.
Greenfield, D.W.	Savage, J.M.		Reis, R.E.
Gregory, P.T.	Savitzky, A.H.		Schaefer, J.
Hanken, J.	Scott, W.B.		Smith, W.L.
Highton, R.	Smith, G.R.		Snodgrass, J.M.
Hutchison, V.H.	Trueb, L.		Stuart, B.
Inger, R.F.	Wake, M.H.		
Lundberg, J.G.			

Class of 2013	Class of 2014	Class of 2015	Class of 2016	Class of 2017
Durtsche, R.D.	Armbruster, J.W.	Crumly, C.R.	Allen, L.G.	Burbrink, F.T.
Hilton, E.J.	Bauer, A.M.	Espinoza, R.E.	Austin, C.C.	Conway, K.W.
Pezold, F.	Berra, T.	Friel, J.P.	Bevier, C.R.	Douglas, M.R.
Preest, M.R.	Boone, M.D.	Marsh-Matthews, E.	Cashner, M.F.	Montgomery, C.E.
Saporito, R.A.	Chakrabarty, P.	Munroe, T.A.	Doody, J.S.	Neighbors, M.A.
Sidlauskas, B.	Crother, B.I.	Paterson, A.	Ferraris, C.J.	Rocha, L.A.
Stouder, D.J.	Hartel, K.E.	Pyron, M.	Fontenot, C.L.	Ross, S.T.
Summers, A.	Hillis, D.M.	Richter, S.C.	Schaefer, S.A.	Siegel, D.S.
Taylor, E.	Mabee, P.	Webb, J.	Snyder, A.M.	Watkins-
Valenzuela, M.N.	Parris, M.	White, M.E.	Spencer, C.L.	Colwell, G.J.
				Watling, J.I.

ASIH Committees - 2013

AUDIT COMMITTEE

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

Members: Michael E. Douglas, Steven J. Beaupre

COMMITTEE ON SPECIAL PUBLICATIONS

Jon Armbruster - armbrjw@auburn.edu (Chair)

Members: Hank Bart, Jacqueline Litzgus

COMMITTEE ON GRADUATE STUDENT PARTICIPATION

Malorie Hayes - mzh003@tigermail.auburn.edu (Chair)

Shab Mohammadi - shab.mohammadi@usu.edu (Chair-elect)

Abbigail Nicholson - aenicholson1s@semo.edu (Secretary)

Book Raffle Committee:

Hannah Owens - hannah-o@ku.edu

Abbigail Nicholson - aenicholson1s@semo.edu

Workshop committee

Shab Mohammadi - elizabeth.marchio@selu.edu

Luke Bower - Luke.Bower@selu.edu

Travel awards organizer – Rachel Arnold - schoenrj@uwashington.edu

Conservation Committee Representatives: Luke Bower (Luke.Bower@selu.edu), Laura Jackson (laura.jackson-2@selu.edu)

Long Range Planning & Policy Committee Representatives:

Caleb McMahan (cmcmah2@tigers.lsu.edu), Ryan Chabarría (ryan.chabarría@gmail.com)

Web Content Coordinator – Thaddeus Buser - tbuser@alaska.edu

CONSERVATION COMMITTEE

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

Members: Matt Aresco, Jonathan Baskin, Luke Bower (student member), 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, Peter Unmack, Steve Walsh, Laura Jackson (student member), Mel Warren, Jim Williams

EDUCATION AND HUMAN RESOURCES COMMITTEE

George Middendorf - gmiddendorf@howard.edu (Chair)

Members: Mollie Cashner, Carol Johnston, Henry Mushinsky, Michael Pauers, Rod Williams

ENDOWMENT and FINANCE COMMITTEE

David Cundall - dlc0@lehigh.edu (Chair)

Members: Bruce Collette (2011-2013), Frank Pezold (2011-2014), Mike Retzer (2011-2015), Linda Ford (2013-2016), F. Douglas Martin (Ex Officio), Jacqueline Litzgus (Ex Officio)

EXECUTIVE COMMITTEE

William J. Matthews - wmatthews@ou.edu (Chair & President)

Members: H. Bradley Shaffer (President-Elect), Steven J. Beaupre (Past President), Michael E. Douglas (Prior Past President), Jacqueline Litgus (Chair of LRPP) Christopher Beachy (Editor), David Cundall (Chair of ENFC), Maureen Donnelly (Secretary), F. Douglas Martin (Treasurer)

HENRY S. FITCH AWARD COMMITTEE

Henry R. Mushinsky - mushinsk@usf.edu (Chair)

Members: Darrel R. Frost (2012-2014), Karen R. Lips (2013-2015)

GAIGE FUND AWARD COMMITTEE

Ralph Saporito - rsaporito@jcu.edu (Chair)

Members: Nicole Valenzuela (2012-2014), Christopher Tracy (2013-2015)

ICHTHYOLOGICAL AND HERPETOLOGICAL COLLECTIONS COMMITTEE

Mark Sabaj Perez - sabaj@acnatsci.org (Chair)

Symposium Subcommittee: Greg Watkins-Colwell (gregory.watkins-colwell@yale.edu), Mark Sabaj Perez (sabaj@acnatsci.org)

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, Randy Singer, Ben Frable

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

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

Members: Carole Baldwin, Lloyd Findley, Carter Gilbert, Karsten Hartel, Juan Jacobo Schmitter-Soto, Robert Lea, Nicholas Mandrak, H.J. Walker

ROBERT K. JOHNSON AWARD COMMITTEE

Alan H. Savitzky - savitzky@usu.edu (Chair)

Members: Henry L. Bart (2012-2014), Robert E. Espinoza (2013-2015)

LONG RANGE PLANNING AND POLICY COMMITTEE

Jacqueline Litzgus - jlitzgus@laurentian.ca (Chair)

Members: Donald Buth, Robert Cashner, Carol Johnston, Stephen T. Ross, Frederick Zaidan III, David Cundall (Ex Officio)

MEETING MANAGEMENT AND PLANNING COMMITTEE

Henry Mushinsky - mushinsk@usf.edu (Chair)

Members: Kyle Piller, Marlis R. Douglas

JOSEPH S. NELSON AWARD COMMITTEE

Barry Chernoff - email (Chair)

Members: Larry Allen, Cristina Cox Fernandes.

NOMINATING COMMITTEE

G. David Johnson - johnsond@si.edu (Chair)

Members: Kyle Piller, Stephen Richter, Carol Spencer

PUBLICATION POLICY COMMITTEE

Christopher K. Beachy - Christopher.Beachy@minotstateu.edu (Chair)

Members: all Associate Editors and Book Review Editor

RANEY FUND AWARD COMMITTEE

Prosanta Chakrabarty - prosanta@lsu.edu (Chair)

Members: Prosanta Chakrabarty (2011-2013), Michael Collyer (2012-2014), Paula Raelynn Deaton (2013-2015)

RESOLUTIONS COMMITTEE

Keith Gido - kgido@k-state.edu (Chair)

Members: Stan Fox, Jake Schaefer, James Watling, Mary White

ROBERT H. GIBBS, JR. MEMORIAL AWARD COMMITTEE

Eric J. Hilton - ehilton@vims.edu (Chair)

Members: Richard Vari (2012-2014), Brian Sidlauskas (2013-2015)

STUDENT AWARDS COMMITTEE

H. Bradley Shaffer - brad.shaffer@ucla.edu (Co-Chair)

Mollie Cashner - pimephales1@yahoo.com (Co-Chair)

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

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

BIOONE - Carole Baldwin - BALDWINC@si.edu

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

mailto:lpage1@ufl.edu

mailto:lpage1@ufl.edu

SOCIETY FOR THE PRESERVATION OF NATURAL HISTORY COLLECTIONS - Luiz
Rocha - lrocha@calacademy.org
SOCIETY FOR STUDY OF AMPHIBIANS AND REPTILES AND HERPETOLOGISTS'
LEAGUE - Alan Savitzky - asavitzk@odu.edu

Reports and Agenda for the 2014 Meeting of the Board of Governors of the American Society of Ichthyologists and Herpetologists

Organization and Announcements

1. Call to order - President Shaffer
2. Governors Sign In - Secretary Donnelly
3. Distribution of late reports or additions to reports - Secretary Donnelly
4. Messages of regret from absentee governors - Secretary Donnelly
5. Call for motion to approve minutes of 2013 meeting of the Board of Governors as published in *Copeia* 2013:793-801 (see Appendix I) - President Shaffer
6. Announcement of appointment of Resolutions Committee - President Shaffer
7. Announcement of Stoye and Storer Award Judges (names withheld until banquet) - President-Elect Allen
8. Future annual meetings
 2015 - Reno, Nevada
 2016 – pending – To Be Determined in 2014

Reports

Reports of Officers

9. EXEC: Summary of EXEC Meeting 30 July 2014 - *M.A. Donnelly* --
10. SECR: SECRETARY - *M.A. Donnelly* 11
11. TREA: TREASURER – *F.D. Martin* 14
12. EDIT: EDITOR - *C.K. Beachy* 15
13. PRES: PRESIDENT’S REPORT – *H.B. Shaffer* 17
14. PPRE: PAST PRESIDENT’S REPORT – *W.J. Matthews*18

Reports of Committees: Standing Committees

15. PUBC: Publications Committee - *C.K. Beachy*. 21

16. ENFC: Endowment & Finance Committee - *D. Cundall & M. Retzer*. 23

17. EXEC: Executive Committee - *M.A. Donnelly* 25

18. GFAC: Gaige Fund Award Committee – *N. Valenzuela* 26

19. GSPC: Committee on Graduate Student Participation – *M. Hayes* 27

20. HSFC: Henry S. Fitch Award Committee – *D.R. Frost* 29

21. JSNC: Joseph S. Nelson Award Committee – *L.G. Allen* 29

22. LRPP: Long Range Planning & Policy Committee – *J. Litzgus* 30

23. MMPC: Meetings Management Committee - *H.R. Mushinsky* 32

24. NOMC: Nominating Committee – *C.L. Spencer* 33

25. RFAC: Raney Fund Award Committee – *M. Collyer* 33

26. RHGC: Robert H. Gibbs, Jr. Memorial Award Committee – *R. P. Vari* 34

27. RKJC: Robert K. Johnson Award Committee – *H. L. Bart, Jr.*. 35

Reports of Committees: Continuing Committees

28. AES: Representative to the American Elasmobranch Society - *E. Heist* 35

29. AUDC: Audit Committee – *J. Hanken* 35

30. AIBS: Representative to AIBS & BioOne - *A.H. Savitzky* 36

31. EHRC: Education and Human Resources Committee – *M. Pauers* 37

32. HACC: Herpetological Animal Care and Use Committee – *C.L. Parkinson* 39

33. HFMH: Honorary Foreign Member in Herpetology - *D.R. Frost* 39

34. HSOC: Representative to the Herpetologists’ League and the Society for the
Study of Amphibians and Reptiles - *A.H. Savitzky* 41

35. IACC: Ichthyological Animal Care and Use Committee – <i>E. Marsh-Matthews</i>	41
36. IHCC: Ichthyological and Herpetological Collections Committee <i>M. Sabaj Pérez</i>	42
37. NFJC: Joint ASIH-AFS Committee on Names of Fishes - <i>L.M. Page</i>	45
38. NSCAR: Representative to the Natural Science Collections Alliance - <i>L.M. Page</i>	46
39. SPUC: Special Publications Committee – J.W. Armbruster	46
40. WCMC: Web Content and Management Committee - <i>S.J. Beaupre</i>	48
41. HIST: History of the Society Committee - <i>D.G. Smith & J.C. Mitchell</i>	50
42. Ad Hoc Committee on the 100 th Anniversary of ASIH – <i>E. Hilton</i>	51
43. Ad Hoc Committee on ASIH Membership – <i>B. Sidlauskas</i>	52

Appendices

44. Appendix A. ASIH Constitution (Revised 2008)	45
45. Appendix B. Treasurer’s Tables	55
Table 1. ASIH profit & loss (accrual basis) for 2011 and 2012.	
Table 2. ASIH membership and subscription numbers for current and past years and income from online sources of <i>Copeia</i> .	
Table 3. ASIH year-end balance sheets (accrual basis) for 2011 and 2012.	
Table 4. ASIH accounts and their allocation to ASIH funds as of 31 December 2012 statements.	
Table 5. Portfolio detail of the ASIH Wells Fargo Advisors Managed Investment Account (FundSource Moderate Growth and Income) on 31 December 2012.	
46. Appendix C. Candidate Information for 2014 elections	65
47. Appendix D. AllenTrack Agreement 2014-2016	81
48. Appendix E. ASIH Investment Strategy	83
49. Appendix F. Vita for Honorary Foreign Member in Herpetology	95
50. Appendix G. Constitutional Changes to be Considered in 2014	154
Summary of the Constitutional Changes	
Constitution (2008) marked to show changes	
PDF of the Powerpoint that will be used to consider Changes	

51. Appendix H. 2014 Officers, *Copeia* Staff, Committees, BOG 2014.211

52. Appendix I. Summary of the Meetings 2013216

Business Session

53. Call for blanket approval of BOFG agenda items (#54-60) and reports of officers, representatives, and committees, exempting those removed by EXEC and BOFG members for discussion
54. Discussion of reports exempted from blanket approval
55. Discussion of Old Business
56. Discussion of New Business
57. Call for BOG approval of Ballots (BOG ballot & General Election Ballot)
58. Board of Governor’s Elections: Fitch Committee, Gibbs Committee, and Johnson Committee
59. Approval of Honorary Foreign Member in Herpetology
60. Adjournment

10. SECR: Secretary - Maureen A. Donnelly

The year 2013 was an important one for the Office of the Secretary of the ASIH – many rivers were successfully crossed. The Joint Meeting group selected Martha L. Crump to be the JMIH Program Officer at the Albuquerque meeting in 2013. During 2013, Marty “shadowed” me as the JMIH program officer. In 2013, my last year as the Program Officer for JMIH, I was responsible for opening the abstract site, negotiating the contract with Oxford Abstracts, modifying the site for the 2013 meeting, calling for the testing of the site by members of the Meetings Management Committee, printing off all the abstracts prior to the planning meeting, working to develop the 2013 schedule, and finalize the schedule before leaving New Mexico in April of 2013. We spent over a week in the hotel completing the schedule and providing Marty with a first-hand look at the task of putting our annual meeting together. Marty also edited the Abstract Book for the 2013 meeting. I developed a “business plan” for the Program Officer that was accepted by the JMIH group. Marty proved to be a quick study and handled the process in 2014.

The other important accomplishment, from the Secretary’s point of view, was getting a webmaster to be in charge of the website. Dennis Murphy took the reins completely out of my hands in June 2013. I can update the site easily, but we have someone who rapidly posts things to the site and handles most of the questions concerning our web presence. The new site is much easier to work with than the old site, but the most important thing is having Dennis Murphy be responsible for the upkeep and update of information on this critical site which is our face to the virtual world. Our new website is a welcomed change and Dennis Murphy has been extremely responsive and quick to keep the site up and running. I was pleased to have the support of EXEC to resolve this long-standing issue and am delighted to report that the new site has been warmly embraced by the membership. Our presence on Twitter and Facebook is growing and I am grateful to Luiz Rocha and Prosanta Charkrabarty for giving us a presence in these social media arenas as well as on the web. We need to convince our Facebook followers to join the society. If everyone did, our membership numbers would increase.

Another major initiative was formalizing a Diversity Statement for the ASIH that the Education and Human Resources Committee developed for the ASIH. The Education and Human Resources Committee put forward a diversity statement as a seconded motion that was approved by the Executive Committee (see that report).

As an associate dean at FIU, I sent almost 5,000 messages out over my gmail account in 2013 and approximately 25% of all messages were sent on behalf of the ASIH (550+ pages of text). My computer died during the first week of school in August 2014, and I lost my ability to use Eudora to manage the email for ASIH and for myself. If this unfortunate event had occurred earlier in my tenure as ASIH Secretary, I would have quit because of an inability to manage the email flow. I crawled through 10,000 messages in my GMAIL (all mail file) for 2013 to make sure I picked up all the society business for 2013. I am already recording 2014 business to get caught up, and I believe I can last through 2015 with gmail. I hope to see a decrease in 2014 and 2015 with the meeting communications moving fully to Marty Crump.

The other important advancement in 2013 involved the implementation of the Joseph S. Nelson Award and new awards for publications in *Copeia* (for 2012). These new initiatives strengthen our society by recognition of Joe Nelson’s enormous legacy in ichthyology in the establishment of a Lifetime Achievement Award that honors Joe, and by acknowledging

important accomplishments by young professionals and students for their research published in our journal *Copeia*.

The inaugural Joseph S. Nelson award was presented to Former ASIH President and lifetime member of the Board of Governors, Gerald Smith.

The first winners of our awards for publication in *Copeia* are repeated here from Editor Beachy's report for the 2013 BOG book:

BEST PAPER, ICHTHYOLOGY, Nalani K. Schnell and G. David Johnson, "Ontogenetic fusion of the third and fourth pharyngobranchial in Barbeled Dragonfishes (Stomiidae, Teleostei) with a revision of the identity of the single posterior upper pharyngeal toothplate" *Copeia* 2012:394-407;

BEST PAPER, ICHTHYOLOGY second prize, Jeffrey M. Leis and Michelle N. Yerman, "Behavior of larval Butterflyfishes (Teleostei: Chaetodontidae) at settlement on coral reefs" *Copeia* 2012:211-221.

BEST PAPER YOUNG SCHOLAR, ICHTHYOLOGY, Nalani K. Schnell and G. David Johnson (see above)

BEST STUDENT PAPER, ICHTHYOLOGY, Michelle T. Schärer, Michael I. Nemeth, David Mann, James Locascio, Richard S. Appeldoorn and Timothy J. Rowell, "Sound production and reproductive behavior of Yellowfin Grouper, *Mycteroperca venenosa* (Serranidae) at a spawning aggregation." *Copeia* 2012:135-144.

BEST PAPER, HERPETOLOGY, Jennifer A. Dever, Allison M. Fuiten, Özlen Konu and Jeffery A. Wilkinson, "Cryptic torrent frogs of Myanmar: an examination of the *Amolops marmoratus* species complex with the resurrection of *Amolops afghanus* and the identification of a new species." *Copeia* 2012:57-76.

BEST PAPER YOUNG SCHOLAR, HERPETOLOGY, Ammon Corl, Lesley T. Lancaster and Barry Sinervo, "Rapid formation of reproductive isolation between two populations of Side-Blotched Lizards, *Uta stansburiana*." *Copeia* 2012:593-602.

BEST STUDENT PAPER, HERPETOLOGY, Diogo B. Provete, Michel V. Garey, Luís Felipe Toledo, Juliana Nascimento, Luciana B. Lourenço, Denise de C. Rossa-Feres and Célio F. B. Haddad, "Redescription of *Physalaemus barrioi* (Anura: Leiuperidae)." *Copeia* 2012:507-518.

Much of 2013 was dedicated to the 2013 meeting and the meeting preparation begins in December prior to the meeting. I opened the abstract site in January 2013. The great news is that Oxford upgraded their system and it now works across computer platforms. I have enjoyed working with Oxford Abstracts, the JMIH Meeting Planning group, and Heide Burke and her crew on the meetings, but am delighted that 2013 was the last year of that duty for me. We extended the submission deadline to sweep up additional abstracts and had a robust meeting in 2013. I sent out nine letters of invitation to attendees of the 2013 meeting. I sent Marty Crump example letters so she could begin sending them out in 2014. I also wrote and edited the Trip Report for 2013 on the basis of input from the Local Committee and the JMIH Meetings Planning Committee in April and May of 2013.

I worked throughout the year with Allen Press representatives on a variety of tasks. Joyce Lancaster is the main contact for the Press and she has worked well with us over the years. We worked to get the Allen Press Business Site linked to our old webpage early in the year. I also got Allen Press to drop the late charges they were assessing for those tardy with their dues. I authorized the Press Runs for issues 1 – 4 in 2013. I query Allen Press to get information on the size of the membership requesting print and then I authorize the run. I also worked with the

press to resolve access issues for members and institutions. We used the blast function nine times in 2013 (to announce the Nelson award – January, 2013; announce opening of abstract submission site – January 2013; announced important meeting dates – March 2013 [twice], announced extension of abstract submission deadline – April 2013; sent the trip report from the 2013 planning meeting – April 2013; announced the roll out of the new website – June 2013; announced the fire sale – July 2013; announced an update to the Institutional Codons – July 2013; sent out the call for symposia – September 2013). Following our decision to hold a fire-sale to move unsold copies of Special Publications, I created a new order form that was posted on the website and sent to all ASIH members over the blast. The Fire Sale ended in December, 2013.

During the year I responded to one request for an article from *Copeia*, I answered a mother's questions about studying herpetology in college, I got envelopes printed with the ASIH logo because we had run out of them. I called on the Governors to approve the Conflict of Interest Statement as required by Federal laws and regulations concerning not-for-profit organizations. I was asked for five releases of copyright and granted the releases in each case. I worked with the graduate students to get the names of their officers to President Matthews, I tracked down Dr. Robert Inger's email address, I signed off on check reports for the Audit Committee. Ethan Behre sent out "thank you for your service letters in 2013.

I read the galley proofs for the Award materials that appeared in *Copeia* (2013) #1. I granted copyright release for five different projects in 2013; worked with the Graduate Student Participation Committee to get their list of officers and post materials to the website for them. I oversee the activities of the Treasurer and report those findings to the Audit Committee. We have moved from a monthly reporting scheme to a quarterly reporting scheme.

I worked with the Student Awards Committee to prepare the packets for the judges. We prepared the certificates that were presented at the Banquet and I mailed out all remaining certificates and checks upon my return to Miami from Albuquerque. I prepared the Gaige and Raney Certificates so they could be presented at the Annual Business Meeting. The unclaimed certificates were mailed after the meeting. Governor Brian Sidlauskas volunteered to revise the judging forms and I sent the old ones to him after the meeting in 2013.

To prepare for the 2013 meeting, I called for reports for committees and assembled the BOG book. At the same time, I circulated the 990 form sent by former Treasurer Neighbors who handled the 2012 audit, and got approval from the 2012 BOG for that tax document. Following the meeting I sent the news of the election results out to all candidates in July 2013. The Board of Governors was not called on to vote for issues after the 2013 meeting.

I reviewed the brochure produced by Margaret Neighbors for the Long Range Planning and Policy Committee and provided feedback to Margaret Neighbors along with a quote for printing 1000 copies. I sent the 2012 list of committees to President Matthews and President-Elect Brad Shaffer in December of 2013 so President Matthews would have a working list for his largest chore of the year and so President-Elect Shaffer could see what is coming.

I hired two part-time student workers in the Fall of 2013 to start scanning our documents. I want to give the incoming secretary a complete set of "virtual" documents" and I want to send the paper versions we currently hold in Miami to the archives in Smithsonian before I leave office in December, 2015.

Respectfully submitted,
Maureen A. Donnelly, ASIH Secretary

11. TREA: Treasurer – F. Douglas Martin

This report is based on account statements, QuickBooks reports, and supporting materials being audited by Steven W. Cook, Certified Public Accountant, San Antonio, Texas for 2013. The 2013 audit report will be posted on the ASIH website when completed.

In profit and loss reports, ASIH income and expenses for a given year are divided into associated with programs of the society (awards, annual meetings, dues, subscriptions, and publications) and those related to management and general operations. Income exceeded expenses by \$82,640 in 2013 with the inclusion of realized and unrealized investment gains and losses (Table 1). Membership numbers increased slightly in 2013 while subscription numbers continued to decline while revenue loss was partly replaced by substantial BioOne and JSTOR royalties (Table 2). Sales, both in numbers sold and in income, of Special Publications was increased by having a sale with greatly reduced prices in 2013. Page charges accounted for \$300 of income for 2013. The 2013 meetings in Albuquerque brought in \$39,064.

The balance sheet (Table 3) lists ASIH assets, liabilities and equities on an accrual basis. ASIH income received by Allen Management is deposited in an account at US Bank. The Wells Fargo Advisors Command Asset performance account is split between two lines, with outstanding checks with outstanding checks at year's end listed under "Current Assets" and the holdings in the brokerage account (Federated Prime Cash Obligations Fund, and bank sweep money market) listed under "Other Assets". The value of the investments in the managed account increased in 2013, contributing to an increase in the total asset value at the end of the year (\$1,464,913) compared to that of 2012 (\$1,387,483) on the balance sheet.

The three ASIH accounts in which the individual society funds are comingled held \$1,381,149 on the December 2013 statement (Table 4). Of this total, the holdings in the WFA managed investment account were worth \$733,646 (Table 5). This fund yielded 8.17% income after fees.

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

Respectfully submitted,
F. Douglas Martin, Treasurer

See Appendix B

Treasurer's Table 1. ASIH profit & loss on an accrual basis for 1 January to 31 December 2013 with a comparison to 2012 values.

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

Treasurer's Table 3. 2013 year end balance sheet (accrual basis) with a comparison to the previous year. 2012 balance sheet based on the information given to the ASIH auditor.

Treasurer's Table 4. ASIH accounts and their allocation to ASIH funds as of 31 December 2013 statements.

Treasurer's Table 5. Portfolio detail of the ASIH Wells Fargo Advisors managed investment account (Fund Source Moderate Growth) on 31 December 2013.

12. EDIT: Editor - Christopher K. Beachy

Two thousand thirteen was a busy year for our journal. But as with my previous two EDIT reports, I must acknowledge the *Copeia* Editorial Staff: Production Editor Katie Smith, Figure Editor Leo Smith (who is also an Associate Editor [AE]), the AEs, and the Editorial Board. The continued success of our journal is due principally to these dedicated biologists.

The new tradition of recognizing "*Copeia's* Best Papers" continued. These papers were considered by a panel of Associate Editors and members of the Editorial Board to be the best papers published in the 2013 volume. These awards were initiated for the 2012 volume. Six papers are recognized each year: three in herpetology and three in ichthyology. There are three categories: Best Paper Overall, Best Paper Young Scholar, and Best Student Paper. The Best Paper Overall is chosen without regard to rank. The Best Paper Young Scholar is chosen when the lead author is either a postdoc or untenured at the time of submission. The Best Student Paper is chosen when the lead author is a student at the time of submission.

BEST PAPER, HERPETOLOGY, Richard C. Bruce, "Size-mediated tradeoffs in life-history traits in dusky salamanders." *Copeia* 2013:262-268.

BEST PAPER YOUNG SCHOLAR, HERPETOLOGY, Vladimir Dinets, "Long-distance signaling in Crocodylia." *Copeia* 2013:517-526.

BEST STUDENT PAPER, HERPETOLOGY, Cheryl A. Bondi and Sharyn B. Marks, "Differences in flow regime influence the seasonal migrations, body size, and body condition of Western Pond Turtles (*Actinemys marmorata*) that inhabit perennial and intermittent riverine sites in northern California." *Copeia* 2013:142-153.

BEST PAPER, ICHTHYOLOGY, Donald J. Stewart, "Re-description of *Arapaima agassizii* (Valenciennes), a rare fish from Brazil (Osteoglossomorpha: Osteoglossidae)." *Copeia* 2013:38-51.

BEST PAPER YOUNG SCHOLAR, ICHTHYOLOGY, Windsor E. Aguirre, Virginia R. Shervette, Ronald Navarrete, Paola Calle, and Stergiani Agorastos, "Morphological and genetic divergence of *Hoplias microlepis* (Characiformes: Erythrinidae) in rivers and impoundments of western Ecuador." *Copeia* 2013:312-323

BEST STUDENT PAPER, ICHTHYOLOGY, Sarah Z. Gibson, "Biodiversity and evolutionary history of †*Lophionotus* (Neopterygii: †Semionotiformes) from the western United States." *Copeia* 2013:582-603.

Congratulations again to these authors. Authors will be presented with a plaque at the 2014 ASIH Business Meeting, and these awards will also be recognized on the ASIH and *Copeia* websites. Special thanks to the members of the review panel: Prosanta Chakrabarty, Michael Collyer, Robert Espinoza, David Sever, and Brian Sidlauskas.

Changes to the editorial staff involved the addition of Tom Near, AE for General Ichthyology. Michael Collyer, Gloria Arratia, Matthew Gifford and Ronald Bonnett were added to the Editorial Board. Several members' terms on the Editorial Board expired.

Copeia is now online early. The cost of this is \$25 per manuscript. This initiative results in shorter times from submission to publication. The two direct effect of this will be (1) more contributions because more authors choose publication outlets that publish online early (i.e., ahead of print) and (2) faster velocity means more members, because page charges are waived for members. The indirect effect will be an increase in impact factor: as more authors choose *Copeia*, then then more authors will begin citing work from our journal. The transition to online early has had an ironic short-term negative impact: as the journal staff at Allen Press transitioned

our workload to online early, the actual hardcopy (i.e., the journal) has been delayed both in printing and in the mail. Several members noted this delay and contacted members of the Editorial Staff and sometimes the Executive Committee.

One of Past-President Matthews initiatives was to establish an Ad Hoc Committee on *Copeia*. Matthews charged me (Editor Beachy) to chair this committee. My first action was to get someone else, and Jacqueline Webb took on this responsibility. Jackie is very interested in working hard with this committee and she has gotten this committee to begin working on several projects to lead *Copeia* progressively into our second century.

In 2013, 837 pages of *Copeia* were published over four issues: March (188 p.), June (172 p.), September (217 p.), and December (260 p.). These figures are an increase of 16 pages (i.e., up 2%) from 2012 (which had 821 p.). There is no backlog of papers awaiting publication.

The 2013 volume included 84 research papers (767 p or 91.6% of the volume). The remaining 70 pages (8.4% of the volume) was distributed as follows: three obituaries, five historical articles, nineteen book reviews, editorial notes and news, instructions to authors, summary of the 2013 annual meetings, award announcements, listing of honorary foreign members, subject, taxonomic, and author indices and back matter comprising societal advertisements not counted in total pagination for the volume.

Of the research papers published, 41 (49%) were ichthyological and 43 (51%) were herpetological. For comparative purposes, these statistics for the past several years (% ichthyological / % herpetological) are 46/54 for 2012, 53/47 for 2011, 50/50 for 2010, and 43/57 for 2009.

There were 238 new or revised submissions in 2013, representing a 21% increase from 2012 (197). An average of 19.8 new submissions each month, up from 13.8 in 2012. November (22) was the most active period, while August (9) was the slowest month. Of these new submissions, 71.9% were from the United States and the rest were received as follows: Argentina (1.8%), Australia, (1.8%), Brazil (6.7%), Canada (4.8%), China (1.8%), Iran (0.6%), Japan (1.5%), Mexico (0.6%), Thailand (0.6%), and Tunisia (1.8%).

For comparison, performance statistics for 2013 are followed by values for 2012 in brackets. The median time from submission to AE assignment was 6 [11] days, securing of first reviewer by the AE was 9 [6] days, securing of final reviewer by the AE was 14 [23] days, days in review was 28 [49] days, days from last review to AE recommendation was 4 days, and days from AE recommendation to Editor Decision was 9 days. In total, all new submissions required an average of 56 [53 (2012), 85 (2011), 79 (2010)] days to initial decision (i.e., accept, reject, or further revision). The 2013 statistics indicate that Editorial Staff, on average, work rapidly (and are faster in 2012 than in 2011 and 2010) and continue to work to improve in this statistic.

The AE workload and average duration (from receipt of submission to decision by AE) under each AE were as follows for 2013: C. Beachy (8 new, 42 days), D. Buth (28 new, 62 days), T. Grande (7 new, 115 days), J. Kerby (10 new, 62 days), M. Lannoo (13 new, 62 days), J. Litzgus (9 new, 75 days), K. Martin (2 new, 70 days), T. Near (4 new, 54 days), R. Reis (14 new, 37 days), J. Schaefer (9 new, 46 days), D. Siegel (10 new, 58 days), L. Smith (7 new, 61 days), J. Snodgrass (10 new, 60 days), B. Stuart (7 new, 87 days). Group average time on AE desk is calculated as time of AE review (63.6 days; the data given here) minus the average duration in reviewer hands (28 days): 35.6 days.

Reviewers offer an essential service. Their service is noted annually in the #2 issue of *Copeia*. There were 320 reviews in total from 295 reviewers, and the average length of review duration was 28 days.

Allocation of manuscripts (both new submissions and revisions) by sections was as follows: General Ichthyology 46 (D. Buth 28, T. Near, 4, R. Reis 14), General Herpetology 36 (J. Kerby 10, M. Lannoo 13, B. Stuart 7, C. Beachy 5), Ecology and Ethology 30 (J. Litzgus 9, J. Schaefer 9, J. Snodgrass 10, C. Beachy, 2), Genetics, Development and Morphology 24 (L. Smith 7, T. Grande 7, D. Siegel 10), Physiology and Physiological Ecology 3 (K. Martin 2, C. Beachy 1). For new submissions in 2013 reaching a final decision in 2013, rejection rates by AE were as follows: C. Beachy 100%, D. Buth 50%, T. Grande, 100%, J. Kerby 67%, M. Lannoo 100%, J. Litzgus 100%, K. Martin 100%, T. Near 100%, R. Reis 0%, J. Schaefer 67%, L. Smith 100%, J. Snodgrass 100%, B. Stuart 100%. AEs not listed had no new submissions reaching final decision in 2013.

13. PRES: President's Report – H. Bradley Shaffer

So far, 2014 looks to be a fine year for ASIH. The society is running smoothly, in no small part due to the amazing efforts of our committee members and leadership. My job as President relies on their work and help—I want to call out in particular Mo Donnelly (Secretary), Doug Martin (Treasurer), Chris Beachy (Editor of *Copeia*), and our Past (Bill Matthews) and future (Larry Allen) Presidents. All have provided guidance and leadership, simplifying my job tremendously.

Treasurer Doug Martin indicates that we remain in a strong financial position, and a high priority for this year is to move funds from our cash position into a more active investment account that generates income and provides us with greater returns on our funds. The membership decline that has plagued us in recent years reversed somewhat in 2013, and we need to continue that trend if we are to remain healthy into the future.

In terms of priorities for 2014, I see several key issues on ASIH's horizon that continue to require attention. Some of these are in good shape—the website has been overhauled (thanks to Steve Beaupre and his committee), we have a meeting site in place for 2015 (Reno, NV), and movement is afoot for our Centennial campaign. However, many other issues continue to require work if we are to regain our footing as a healthy, vibrant society. Most of these have been identified in previous years by our leadership, and none of them are simple to fix. In no particular order, I see the following as some of our top priorities for the near future:

- *Examine, and act on, priorities for making our society more relevant to our membership.* Most of us belong to more than one society, and the fact that receiving *Copeia* is no longer the motivating force for being a member of ASIH really should force us to focus on what the benefits of membership are, both to our younger and more senior members. It seems clear that the real reason to belong to most scientific societies, including organismally-oriented ones like ASIH, has shifted from the journal to the annual meetings. They should be a place to network, to learn, and to have some fun, and they need to be worth the price of admission, both in terms of time and money. Bill put in place an ad hoc Committee on Membership (Brian Sidlauskas is chair), and I think that should be the primary group to continue to address this issue.
- *Increase the activities of the Conservation Committee.* We have a large (32 member) Conservation Committee, headed by Frank McCormick, that is tasked with

identifying and enacting conservation actions on behalf of ASIH. I feel that conservation should be more of a priority for our society—it is one thing that cuts across ichthyology and herpetology, and is a growth industry for our constituency. I would like to work with Frank to try to increase the role of conservation at our meetings and in *Copeia*.

- *Copeia's impact factor.* We have discussed this over the last several years, and it continues to be an issue. We have an ad hoc committee on *Copeia*, and that is a start. However, the journal's impact factor remains (as of 2012) at 0.644. We should be able to increase this, and I would like to work with Chris Beachy and the ad hoc committee to do so. I see two goals—to be the top journal in ichthyology and herpetology, and to get into the 1-2 range for Impact Factor.
- *Continue working with the Presidents of the other three societies to clarify and expand on our working relationships.* Both Bill and Steve have worked on this, and it's an important line of communication to keep open. The primary issue is whether we should continue to always participate in the joint meetings or only do so intermittently. The same is true for certain issues that we all share in common, like conservation and teaching.

If you have ideas, please, get in touch and share them.

Thanks, and I look forward to seeing everyone in Chattanooga.

Respectfully submitted,
Brad Shaffer
President, ASIH
UCLA

14. PPRE: Past President's Report – William J. Matthews

This report covers the period from the 2013 ASIH/JMIH meeting to the present. I served as President through December 31, 2013, and have been Past-President since January 1, 2014.

The ASIH continued to have a good year in the second half of 2013. The 2013 ASIH/JMIH meeting in Albuquerque was superb thanks to the major efforts of the Local Committee and of Heidi Burke and her team, and it was a financial success for ASIH. I spent the last half of my term as President following up on items from the 2013 meeting, and making appointments to fill all committees. All routine business of the society was conducted appropriately, and the transition of the office of Treasurer from Margaret Neighbors to Doug Martin continued to work effectively. Doug is now fully in place as our very efficient Treasurer. Other key officers remained in place and continued their excellent work, most notably Mo Donnelley as our long-serving Secretary, and Chris Beachy as Managing Editor of *Copeia*. To them, and to all officers, committee chairs, and section editors “thank you” for making my job easy throughout my year as President.

General ASIH Business:

In the latter half of 2013 and to the present date Steve Beaupre continued his excellent service as head of our web site committee, working hard with our webmaster Dennis Murphy to assure that the ASIH web site remains up to date and effective. The transition to the new web site provider is now complete, so we owe Steve and Dennis a great vote of thanks.

Secretary Donnelly circulated and received input on constitutional changes which will be on the agenda for the 2014 meeting in Chattanooga.

Membership decline and financial situation appears stable for now.

The Endowment and Finance Committee approved an “Approved ASIH Investments Policy” which serves to clarify the policies to be followed for society funds (see Appendix E).

The Long-Range Planning Committee voted to approve a reduced rate for meeting registration and for Copeia/membership for postdocs and persons in temporary faculty positions, but details on exactly how some of this (especially for meetings) would work are still to be determined relative to the larger umbrella of JMIH. This may need discussion in Chattanooga by ASIH EXCOM.

The society has established a Meritorious Teaching Award in Ichthyology, co-sponsored by the ASIH and AES, and the first such award will be made at the 2014 meeting in Chattanooga.

One important item that remains to be done by the Long-Range Planning Committee, Meeting Management and Planning Committee, EXCOM, or current and future Presidents, is that of determining the long-range intentions of SSAR, HL, and AES regarding meeting as part of the JMIH in years after 2015 (when SSAR plans a separate meeting). We also need to continue to explore the degree to which joint ventures as an umbrella JMIH may enhance the overall status and viability of the ASIH of the future.

Actions as ASIH President – During and after the 2013 Annual Meeting:

At the ASIH 2013 meeting I had lunch with our society historians and talked to other key persons and appointed an “ad hoc Committee for the 100th Anniversary of ASIH”, headed by Eric Hilton, with the following charge. “To serve as an ‘ad hoc Committee for the 100th Anniversary of ASIH to develop plans for a year-long celebration in 2016 of the founding of ASIH, with a focus on events at the annual meeting in that year, and to plan appropriate publications reflecting the history of ASIH from now through the year 2016.” That committee has been extremely active since its formation and historians Joe Smith and Joe Mitchell, along with other committee members and volunteers to write articles continue to explore ways to honor ASIH history by a variety of publications in Copeia through 2016.

I appointed an “ASIH ad hoc Committee on Copeia”, initially chaired by Chris Beachy, but now chaired by Jackie Webb with the following charge. “To explore expanded opportunities for Copeia such as “early online” publication of articles as soon as they are accepted, or deposition of “supplementary materials” (such as is now done by most major commercial publication outlets), to establish notification to members of upcoming articles, and to consider publication of “bundled” papers on selected topics or results from symposia.” And to explore all other ways to enhance publication of high quality papers in the journal. Since that time the “early online” option has become available, and editors are in progress with at least one “bundled” set of papers to be published as a group in Copeia. Chris Beachy has also been working with Allen Press on how to do “supplementary materials” for Copeia articles.

I also appointed an “ad hoc Committee on ASIH Membership”, with David Cundall initially taking on the task of getting the committee started, and I subsequently appointed Brian Sidlauskas as Chair of the ad hoc Membership Committee, with David kindly remaining on the committee. The charge to that committee is, “To produce an overall strategy for increasing membership numbers, with a focus on specific initiatives like enhanced graduate student and post-doc research funding or other measures that would be attractive to young members, as well as ways to convince older former members to renew membership and/or participate in annual meetings.” This committee has actively solicited input particularly with ideas on attraction and retention of younger members

At the 2013 ASIH meeting I appointed a ten-member ad hoc committee of ichthyologists to review draft ASIH-AFS Guidelines on Fish in Research, with Hank Bart as chair. The guidelines were commented on by all members of the committee and Hank sent a combined report to the American Fisheries Society incorporating all suggestions. We have not to date seen a final draft from AFS.

I signed a memorandum of agreement for ASIH with Kansas State University for meeting management through 2018, with wording to match similar agreement between JMIF and Kansas State University, making Heide Burke our meeting management point of contact through 2018.

I completed appointing all committee chairs or finding committee members as needed.

After consultation with EXCOM and review of US copyright laws, I released any interest ASIH might have in copyright to K. Schmidt’s 1953 “Checklist of North American Amphibians and Reptiles 6th Edition” by letter to Dr. M.J. Fouquette, with provisions as follow:

“By this email, ASIH releases, conveys, and assigns to you, in perpetuity, any remaining interest or legal standing that ASIH might have in any copyright to K. Schmidt’s 1953 “Checklist of North American Amphibians and Reptiles 6th Edition”, which was published under the auspices of ASIH, at ASIH expense, and carried the ASIH logo on the title page, and which was printed by University of Chicago Press, under the provision that your new edition will not carry or convey, explicitly or implicitly, any indication that this new version is being endorsed by, published by, or under the auspices or authority of the ASIH. Further, any wording about the history of the “checklist” that you might include in the new edition should make clear that ASIH as a society was only involved in the 6th edition, and none other.

In September I attended the American Fisheries Society meeting in Little Rock, Arkansas, and discussed joint society initiatives with AFS President Robert Hughes. With his concurrence I appointed Marlis Douglas and Mike Douglas as liaisons to AFS, replacing Mel Warren, to whom we owe a vote of thanks for his years of service in that capacity.

Per recommendations of the ASIH Long-Range Planning Committee at the 2013 meeting, I pursued the concept of a “Centennial Fund Drive”, focused on the 100th Anniversary of ASIH in 2016. I formed a subcommittee of the Endowment and Finance Committee, and engaged a consultant expert in fund raising. I want to meet this subcommittee in Chattanooga to discuss plans.

In closing, I wish to again profusely thank all of the officers, committee chairs, editors, local committee members, and other individual ASIH members who worked hard for the society during my year as President, and made it possible for our society to continue on a positive track. So to all, I say “Thank you!”

Respectfully Submitted,

William J. Matthews
Past President

15. PUBC: Publications Policy Committee - Christopher K. Beachy

Publication Policy Committee (PPC) Meeting (10 July 2013; 2:00 pm)

Present: Christopher Beachy (CB), William Leo Smith (WLS), Kathleen Smith (KS), Terry Grande (TG), Dustin Seigel (DS), President Bill Matthews (BM), President-Elect Brad Shaffer (BS), Don Buth (DB), Karen Martin (KM), Cindy Klepadlo, Robert Espinoza, Jacqueline Litzgus, Prosanta Chakrabarty, Roberto Reis, Jake Schaefer, Joel Snodgrass

Editor Beachy began the meeting by calling for brief introductions (although most already know one another). The first order of business was for Beachy to thank everyone for their services and to remind all the AEs to be sure to collect their wages-from-the-Editor sometime during the meeting, i.e., two drink tickets.

Then Beachy began the meeting in substance by introducing a series of issues in an open-ended, agenda-less meeting.

ISSUES OF DISCUSSION

I. Getting reviews

Editor Beachy began with the simple question of why does it seem to be more troublesome getting reviewers. He encourages any commentary. Most of the suggestions were about personalizing the process, e.g., sending a personal contact email after the automated allentrack emails, changing the form letter before sending, and making follow-up phonecalls. A fairly modern suggestion was offered by Chakrabarty: he solicits for reviewers on Facebook and gets volunteers quickly.

Another solution is to use the members of the Editorial Board. Providing fast, emergency reviews is one of the roles that we have them do. However, a flip-side issue is that with the go-to reviews from reliable reviewers can make some feel that the journal is too done by "in-house" reviews.

There was some discussion about the need for "experts" in the process. There was no resolution about this.

At issue is the duration of the process. Also at issue are reviews that are simply too long and too blistering.

II. Review papers and Impact Factors

The idea of review papers was discussed, at least in the context of improving our anemic impact factor. AEs were reminded to get some review papers. The importance of impact factor was discussed a bit. The majority opinion was that they matter very much at present. But it is not the only thing. If it were only about impact factor then we shouldn't be publishing species descriptions.

President Matthews charged the PPC with forming part of an Ad Hoc Committee to examine issues that will improve Copeia's standing. Matthews called for volunteers that

included Beachy, Leo Smith, and Buth. (Matthews would call for volunteers at the BOG and the Business Meeting. Jackie Web [who would eventually become Committee Chair], Kassi Cole, and Caleb McMahan would volunteer.)

III. Online Early

Beachy reported that duration from submission to initial decision has declined. It was agreed that's a good trend. Moving to online early publication can then further reduce the time from submission to publication. All agreed that this would be a good thing. Allen Press providing options that indicated that the costs to do this are fairly small, so the transition may be well worth it.

One concern has always been taxonomic issues. However, Beachy read a long email from Carl Ferraris suggesting that so long as the Editor ensures that no changes occur between the online and print version, that the supposed issues disappear. Beachy expressed comfort with providing this assurance. The date of publication seemed to be a sticking point, but Beachy and the Smiths felt confident that the tricky details of species description dates could be managed editorially.

L. Smith also pointed out that only members will have access to the online early version since the online early versions don't end up on BioOne. He suggested that perhaps this could result in increased membership.

IV. Perks

Beachy gave his annual reminder to the AEs to re-read their described roles in the Constitution. This is important as a reminder to the AEs to submit their registration bills to Treasurer Doug Martin for reimbursement.

V. Reject with resubmission

Editor Beachy suggested that we stop doing the reject, and then reject again option. His suggestion was that we should just be rejecting cleanly and moving on. He encouraged discussion and there was lots. This discussion included the issue of due dates for revisions. After lots and lots of discussion, Beachy indicated that he's still open to input and that nothing apparently should change at present with regards to this issue.

IV. Workloads

Copeia editorial work is substantial. Workload is a significant motivating factor. A brief discussion was had concerning AE perceptions of their workloads. None indicated that the AE responsibilities were too cumbersome, some noted that they used to be more. Timing of the work is sometimes a consideration as well.

V. Buth presentation on common problems associated with manuscript

Buth gave a brief seminar on many of the repeating problems with many of the manuscripts that he serves as AE for. He provided his outline for the other AEs.

VI. Volume numbering

At the initial urging from an email from an AE, the issue of volume numbering was brought up for discussion. Given the new century of *Copeia*, it may be a nice time to switch to a new volume numbering. The volume numbering by year was suggested to be odd and

sometimes difficult and confusing. No consensus emerged from our discussion, and Beachy suggested that Committee members begin polling members and having conversations about this issue to determine if there is or is not a groundswell for supporting a change in volume numbering.

VI. Other topics

Several other issues were the subject of brief discussions: rejection data, book reviews and whether authors of these need to be ASIH members, and publication of symposium proceedings.

X. Final issue -- A Modest Proposal by Karen Martin

Karen provided a very short and fun slideshow concerning the several ways to pronounce "Copeia": co-pee-ah, copay-ah, and others. She encouraged all to spread the word that -- as a Centennial gift to John Nichols and the ASIH -- the correct pronunciation is

COPE-YA

Beachy called for adjournment at 3:57 pm and thanked all for their dedicated service to the ASIH and *Copeia*.

16. ENFC: Endowment and Finance Committee - David Cundall & Michael Retzer

The ENFC met for their annual meeting at the ASIH annual meeting in Albuquerque, NM on Thursday, July 11, 12:00-2:00

Present at this meeting were Martin (Treasurer), Matthews (President), Ford, Cundall (Committee Chair), Litzgus (LRPP committee chair), Retzer, Collette, and Pezold.

1. President Matthews called for names of someone to replace Cundall as Chair of ENFC, and committee member replacements as Collette steps down.

2. Minutes from the 2012 joint meeting of LLRP and ENFC were approved. Then there was a brief discussion about the fact that Cundall and Litzgus did not bring up to Exec the suggestion to increase institutional subscriptions. It was simply an oversight. Collette moved that the issue be dropped, seconded by Cundall, all in favor carried.

3. Treasurer Martin then gave the following report. We are 2-3% below in net income now compared to past quarter. We lost paper value because of volatile stock market and operating expenses have gone up. Membership numbers this year are the same as last year; currently at 1648 members. We are financially stable. Our investment strategies over the past 10 years show some variation but long term is solid with general increase in returns. Collette expressed concern over expense for meeting planners to visit meeting site; would like to see that expense as a specific line item, and to have that expense reduced if possible. Treasurer Martin also does not know this expense. This site visit meeting by the meeting management committee is a huge task for planning the meeting logistics, session talks, social events ("stack the program") and is absolutely necessary, and requires 3 full days. Cundall discussed the importance of retaining this site and planning visit and that it is a necessary expense. KState will provide expense information after the meeting, and Martin will extract that info and circulate it to ENFC. It needs

to be in the Treasurer's report as a line item. Collette moved to accept Treasurer's report, Retzer seconded, all in favor, motion carried.

4. Chairman Cundall then presented his report. He presented the Investment Policy Statement document to Exec for signing on the previous day. That policy has been approved. ENFC has been relatively inactive of late. We are supposed to be organizing fund raising. We oversee investments and assets of society. Our investment management is now mostly done by Wells Fargo (~\$770k). The balance (~\$180k, 13-14% of total holdings of society) is in cash in a US Bank account so that Allen Press can work with bank for publication expenses. Although we are not making interest, we are not being charged to maintain this cash account. In total we have ~\$1,265,000 (as of May 2014).

b) Relationship of committee function to committee charge.
See above.

c) Fund raising.

Matthews suggested a Development Committee to actively seek investors. Small-scale fund-raising is not feasible. Large donations named after a donor do not generally go to general operating funds. We need to target funds to enhance student participation in annual meeting. We need to grow Stoye and Storer award funds; we currently have to use operating funds to give out these awards. Stoye fund only pays about 1/3 of that award. Collette suggested a specific request for donation from society members to support these student award funds. Ask Mo and Beaupre to add a checkbox to the membership form for members to support student awards.

d) Current endowment investment strategy is now outlined in the Investment Policy Statement.

Selection of Chair-Elect

Retzer agreed to assume role of Chair for 2014, so long as Cundall agrees to help.

5. New membership rates, 2014.

As discussed at Exec meeting, dues will not need to be increased in 2014. However, a review of current journal costs in relation to income should be done in time to present a well-founded recommendation regarding subscription rates to Exec at the 2015 meeting.

6. Future income potential.

See above.

7. Old Business

Testimonials from former Raney and Gaige winners, plus Storer and Stoye winners on ASIH website?

The Committee agreed it would be a good idea. Perhaps a few senior society members would be willing to provide testimonials. Cundall was supposed to solicit these testimonials and get them to Beaupre for posting on website. It has not yet been done but will be during the next year.

8. New Business

Discussed merging ENFC and LRPP committees into a single committee. Decided that we will request to have ENFC and LRPP meeting together in 2014 and at that time we will discuss the merger of the two committees while members of both committees are together around the table.

9. Motion to adjourn by Pezold, seconded by Ford, all in favor, motion carried.

10. Following the committee meeting, Kassie Cole, at the invitation of Bill Matthews, agreed to join the ENFC to replace Bruce Collette.

11. Update of the ASIH investments as of February 1, 2014. The Society had \$1.265 million dollars in cash and investments. At the beginning of 2013, ASIH had \$695,347.06 and at the beginning of 2014, \$767,975.29. The net increase of the investments is \$72,628.23 or 10.4%. This increase is well above the goal set in the new investment policy. Note that this increase also includes additions or removing of funds and not just the intrinsic increase in the value of the investments. Note the domestic stock market had a very good year and performance in not likely to repeat itself this year.

Respectfully Submitted,

Michael Retzer and David Cundall

17. EXEC: Executive Committee - Maureen A. Donnelly

The Executive Committee (EXEC) was led by President William J. Matthews during 2013. We were an active committee under the leadership of President Matthews and voted on eight issues during 2013 (voted in favor of adding the ASIH Executive Committee to a list supporting a point of view paper written by Hinrich Kaiser et al. [5 February 2013]; voted in favor of adopting the Diversity Statement drafted by the Education and Human Resources Committee [12 February 2013]; voted to spend \$1900 for the Special Issue of Copeia provided to meeting participants in Albuquerque [20 February 2013]; voted in favor of President Matthews signing on a letter from AIBS regarding processes at NSF [6 May 2013]; voted to renew the AllenTrack system for management of Copeia for three years beginning with 2014 [13 October 2013]; voted to add the ASIH to a letter regarding the teaching of evolution in Texas [15 November 2013]; voted to lower membership rates and registration for postdoctoral fellows as recommended by the Long Range Planning and Policy Committee [11 December 2013]; voted to pay a consultant to help us with fundraising for the 100th Birthday of the ASIH [21 December 2013].

Each January the committee membership changes and in early 2013, James Hanken rotated off EXEC after four years of service and we welcomed President-Elect H. Bradley Shaffer to the EXEC fold. The Executive Committee was busy in 2013 as described above.

We continued to deal with improvement of the ASIH website and we successfully launched the site in 2013. We handed the reins to Dennis Murphy in June of 2013. In addition to the website, we decided to continue to publish Copeia at Allen Press using the AllenTrack system through 2016. Editor Beachy has a good working relationship with the Press and found no reason to make a major change at this time. President Matthews appointed the first Joseph S. Nelson Award committee to ensure that an award would be presented in Albuquerque. His work was a success. President Matthews also urged EXEC to adopt the Diversity statement, to consider the request from Hinrich et al., worked with Jack Fouquette to release the ASIH from

the Checklist book project, worked extensively with Editor Beachy on the special issues that celebrated the 100th anniversary of Copeia.

We sadly report the passing of: David A. Chiszar (4 January 2013), Robert C. Stebbins (23 September 2013), Walter Courtney (30 January 2014), Michel Allendorf (2 March 2014), David Pettus (2 March 2014), Juan A. Rivero (3 March 2014), Alice G.C. Grandison (Honorary Foreign Member in Herpetology – 10 March 2014), John Legler (28 March 2014), and Glenda Rosenblatt (22 April 2014). Our condolences to the colleagues, families, and loved ones of those who have passed.

18. GFAC: Gaige Fund Award Committee – Nicole Valenzuela

The Gaige Award committee (Karen Lips, Christopher Tracy, Nicole Valenzuela) reviewed 27 applications for the 2014 Gaige Fund Award. As with previous years, there was an extremely competitive pool of applicants, all of which had very impressive research proposals. The committee agreed that awards of \$500 should be made to each of the top 10 applicants.

The 2014 award recipients in alphabetical order:

Michael Britton, Florida International University. Amphibian physiology in the Andes: Insights into species-level responses to climate change.

Danielle H. Drabek, University of Minnesota. Characterizing binding affinities of coevolving proteins in Didelphid marsupials and *Bothropis vipers*.

Meredith Fox, University of Utah. Go deep: Infrasonic vibrations of the American alligator (*Alligator mississippiensis*).

Leah Jacobs, California State University, Northridge. Quantifying prezygotic and postzygotic reproductive isolation across divergent populations of the Neotropical treefrog (*Agalychnis callidryas*).

Sandy Kawano, Clemson University. Rise of the amphibians: what limb bone morphology can tell us about tetrapod evolution.

Melissa A. Miller, Auburn University. Are invasive pythons impacting native snakes through parasite spillover and spillback?

Ryan Seddon, Indiana State University. Do melanization, aggression, α -MSH correlate in *Sceloporus occidentalis*.

Jessica Thomas, Duquesne University. Suppression or redistribution: Examining the effects of testosterone on wound healing in a terrestrial amphibian (*Desmognathus ochrophaeus*).

Denita M. Weeks, The University of Memphis. Potential mitigation of amphibian disease with biopesticides: A natural, unexplored strategy.

Kristin M. Winchell, University of Massachusetts Boston. Natural Selection in an Urban Habitat: A Mark Recapture Assessment of the Tropical Lizard *Anolis cristatellus*.

Nicole Valenzuela
Chair, Gaige Award Fund

19. GSPC: Committee on Graduate Student Participation – Malorie Hayes

Meeting called to order at 12:10pm by chair Malorie Hayes. 29 members were in attendance for the business meeting.

Welcome Address – Current ASIH president Bill Mathews

Old Business

- Chair Malorie Hayes led a brief discussion of ASIH Twitter and Facebook presence. Students are encouraged to follow @ASIH Copeia, and join the ASIH Graduate Student facebook group as well as the American Society of Ichthyologists and Herpetologists facebook group.
- Brief discussion on increasing graduate student travel awards though extra fundraising to expand from the already offered awards of 9 ichthyology, 9 herpetology, and 2 international. Number of awards will remain the same for the next year with the potential of increasing.
- Chair Malorie Hayes brought forth a motion to accept alternate payment methods for next years book raffle with a minimum purchase requirement (Square Swipe App.) Vote: All in agreement. Malorie Hayes will consult with the treasurer and Society to ensure this is feasible.
- Discussion on possibility of incorporating “Flash Talks” at JMIH. Students expressed interest and excitement at the possibility. This will be discussed further and investigated before approaching other committees with this idea. **Vote: All in agreement.**
- Brief discussion on increasing student networking through senior student member sponsorship. Malorie Hayes and Caleb McMahan will be working on initiating this for the 2014 meeting in Chattanooga, Tennessee. Caleb McMahan will also report on this to the LRPP Committee.
- Long Range Planning and Policy student rep Caleb McMahan brought to the floor a discussion from last year concerning graduate student participation, networking, and retention in the society. Discussion of mentoring program, registration costs, and “cost/benefit” of the registration/meeting cost were brought to the floor. McMahan will report on this discussion to the LRPP Committee during their meeting this year.
- Caleb McMahan is a member of President Bill Matthew’s new ad hoc committee concerning the society’s journal Copeia. McMahan asked for student input and opinions on the journal and will use this information for the ad hoc Copeia committee discussions.

New Business

- Election of new officers for upcoming year
Chair Elect - Abbigail Nicholson abbigail.e.nicholson@gmail.com
Secretary - Justin Rheubert justin.rheubert00@gmail.com
Travel Award Coordinator - Drew Davis drew.davis@usd.edu
Workshop Coordinators –
 Aaron Geheber aaron.d.geheber-1@ou.edu
 James Cureton curetounj@ou.edu
Book Raffle Coordinator - Malorie Hayes malorie.hayes@auburn.edu
Book raffle Committee
 Meg Malone mmalone7@luc.edu
 Bill Ludt wbludt@gmail.com
Conservation Committee Representatives –
 Luke Bower luke.bower@selu.edu
 Laura Jackson laura.jackson-2@selu.edu
Vote: All were unanimously voted in.

Meeting adjourned 1:30pm

TRAVEL AWARD WINNERS – Drew Davis

The winners of the 2014 Clark Hubbs Travel awards are:

Herpetology

1. Daniel Crear
2. Kortney Jaworski
3. Erin Kenison
4. Thornton Larson
5. Jacob Owen
6. Enrique Santoyo-Brito
7. Rebecca Tarvin
8. Brian Tornabene
9. Megan Winzeler

Ichthyology

1. Caroline Arantes
2. Luke Bower
3. Connor Capizzano
4. Ben Frable
5. Brittany Furtado
6. Bryan Keller
7. Kyle Newton
8. Milton Tan

International

1. Olivera Joksimovic (Herpetology)
2. Julia Schmidt-Peterson (Ichthyology)
3. Kirill Vinnikov (Ichthyology)

Graduate Chair

1. Shab Mohammadi

20. HSFC: Henry S. Fitch Award Committee – Darrel R. Frost

Committee: Darrel Frost (Chair), Karen Lips, and Richard Seigel

Established in 1998, the Henry S. Fitch Award for Excellence in Herpetology is awarded annually in recognition of “an individual for long term excellence in the study of amphibian and/or reptile biology, based principally on the quality of the awardee’s research; consideration is also given to educational and service impacts of the individual’s career.”

The award is named in honor of our friend and colleague Henry S. Fitch, in recognition of his exceptionally long, productive, and influential career. The Fitch Award Committee for 2014 consisted of Darrel Frost (chair), Karen Lips, and Richard Seigel.

Once nominated, an individual can be considered for the award for three years. Four individuals were considered this year for the award. The credentials and nomination letters for the nominees were examined and discussed openly by the Committee. All nominated individuals are outstanding leaders in the discipline of Herpetology and all are worthy of receiving the Fitch Award. Each nominee has had a productive career and remains active in research.

Nonetheless, after discussion and voting, the committee settled on one of the nominees to whom the award will be presented at the plenary session on Day 1 of the Joint Meeting of Ichthyologists and Herpetologists Meeting in 2014.

Respectfully submitted,
Darrel Frost

21. JSNC: Joseph S. Nelson Award Committee – Larry G. Allen

The committee for 2014 was comprised of Larry Allen (Chair), Cristina Cox-Fernandes, and Lynne Parenti. Cristina and Lynne will continue on the committee and a new member will be elected by the Board of Governors to serve in 2015.

The committee received only one name of an ASIH member for this award from one nominator by the deadline, 1 April 2014. Five nominees remained eligible from 2013 making a total six nominees eligible for this year’s award (each nomination is valid for three years).

The committee concluded deliberations on 2 April 2014 and the announcement of this year’s winner will be made during the Plenary session of the meeting in Chattanooga, Tennessee. A full page feature in *Copeia* will show the winner and provide the transcript of the speech that will be delivered in 2014.

Submitted for the committee,
Larry Allen

22. LRPP: Long-Range Planning and Policy Committee - Jacqueline Litzgus

The LRPP met on Saturday July 13, 2013 from 5:00 pm – 6:15 pm at the JMIH in Albuquerque, NM, USA.

The meeting began with introductions of the LRPP members. Members present included: Litzgus (LRPP Chair), Buth, Cundall (ENFC Chair), Johnston, Neighbors, Ross, Zaidan, McMahan (Student rep, Ichs), Matthews (ASIH President), and Donnelly (ASIH Secretary). President Matthews gave a brief overview of the discussions that occurred at the EXEC meeting that took place on July 10, including going over his ideas for initiatives and new ad hoc committees to address specific goals for ASIH.

We discussed the need for special events at the 2016 meetings which will be the 100th anniversary of the society, and noted that this task should not be given to the ENFC and/or LRPP. LRPP charged President Matthews with hiring an external Development Consultant to work with volunteers from ASIH to “plan big” for the centennial, and to do targeted fund-raising for the society and for the centennial. Target amounts for this fund-raising goal were mentioned—it was noted that small amounts were pointless—amounts probably need to be in the range of \$100,000-\$200,000. A goal of \$1 million was mentioned but was regarded as beyond our needs or abilities by most committee members.

Matthews also reported that at the JMIH planning committee meeting it was decided that each of the 4 JMIH societies can propose 2 symposia each that can last no more than one day each; the JMIH MOU will need to be revised to reflect this change. The new 4-day meeting schedule, which will start next year, does not include a closing banquet. Matthews reported that the local committee for the 2014 meeting in Chattanooga will plan a low-cost closing night social (eg, BBQ picnic), and all agreed this was a great idea.

We discussed attracting vendors to our meetings. Ross, who is a local committee host of the current meeting, indicated that there should be a mechanism to enable the local committee to obtain local sponsorship to help reduce overall meeting costs. Ross also noted that there currently is not an organized effort to attract vendors to JMIH meetings; the only way vendors learn about JMIH meetings is by checking the meeting web site (i.e. a passive approach). There needs to be a person (or committee) specifically responsible for contacting potential vendors. This issue needs clarification with KSU meeting organizers. Donnelly reported that commercial vendors pay \$800, non-commercial vendors pay \$600, and income from vendors was about \$3000. Buth noted that small vendors are no longer coming to our meeting. Johnston noted that many technology-associated vendors were not here, and that ESA meetings attracted many more. Johnston suggested that the issue of costs for vendor space needed to be explored as having more vendors would make the meetings more attractive for attendees; she agreed to look into this. Treasurer Martin was unable to attend the meeting, so Matthews gave a brief overview of society finances. We are in good financial shape despite continued losses in membership dues. Our BioOne revenues serve us well.

The ENFC Chair David Cundall gave a brief report about the ENFC meeting. A point of concern is that institutional subscriptions of Copeia have gone down. Discussion then proceeded to the costs of the JMIH Meeting Management Committee. Neighbors noted that these were not ASIH costs but JMIH costs and were built into the costs of the whole meeting. Although it was possible to figure out the direct costs for the April committee meeting, Donnelly noted that these did not include all of the real costs (ie, in-kind time of participants) of organizing the meeting

and they were covered by JMIH registration fees anyway; they did not come out of the ASIH operating budget.

Another issue raised was the fact that some award endowments were no longer earning enough to pay the annual awards. The award in the most financial trouble appears to be the Storer award. Neighbors noted that the Raney and Gaige awards were also being partly supported from the operating budget. One possible solution suggested was check-boxes on membership renewal forms, an easy solution that brought in some funds in the past.

We discussed changes to dues structures. Emeritus professionals will continue to pay full membership dues; however, EXEC approved the motion presented by ENFC and LRPP to charge post docs and people in temporary positions the student membership rate. The membership form will require a supervisor's signature confirming the non-professional status of the member.

With respect to the new Joe Nelson Award in Ichthyology, Ross noted that developing a policy, forming a committee, and successfully giving the first Nelson Award to Gerry Smith at the 2013 meetings' Plenary session was a major society achievement and it was much appreciated by Claudine Nelson, who was in attendance. Litzgus updated the Procedures and Policy Manual to include Nelson Award.

McMahan reported that the students really like the Speed-networking Event and that we should continue to do it, but that it would be even better if in addition to opportunities to interact with professionals, that there were opportunities to interact with fellow students. Litzgus reported that the event this year included a different setup so that students did in fact interact, and that news was well-received. We also discussed creating a student mentorship program in which students who have been to the meetings get paired with a first-time attendee to help them navigate the meetings.

With respect to reducing meeting costs for students, McMahan reported that students would not mind if the cost of meeting registration remained status quo so long as students got good value for their money. For example, a drink ticket for every social event (eg, poster sessions) would be welcomed by the students. He suggested obtaining sponsorship for the meeting to provide funds to keep costs low for student-related activities (as is done at the ESA meeting). It was also suggested that meeting registration costs for post docs and people in temporary positions should be at the student rate (along the same lines as we have done for membership dues), although a motion was not put forward on this issue. McMahan is to ask students how many of them come to the meeting without support from their supervisor or university. Students really appreciate the "find a roommate" tab on the meeting website.

With respect to the Advertising Brochure, Neighbors created a brochure that includes a membership form for meetings and for when Copeia is on display at libraries. The brochure was circulated to EXEC for feedback, but no final decision was received by LRPP by the time of the preparation of this report.

The Graduate Student Committee voted to keep the number of travel awards at 9 per year. Rather than increase number of student research awards (Gaige and Raney awards), Matthews suggested a new research award called the Past-President's Research Award which would be supported by donations from Past-Presidents and matched by endowment funds. We discussed the new website and the need for a Website Editor (like the Copeia Editor) to help manage the website. This person may sit on EXEC (depending on whether LRPP and ENFC merge with the result that there is one Chair of the new committee and thus only one seat on EXEC). The nature of the position was discussed and members generally felt it was one of

oversight and decision-making about postings because the mechanics of web maintenance were the purview of Dennis Murphy. Johnston suggested Mark Perez-Sabaj for the position of Website Editor and this was supported by Donnelly.

The potential merger of the ENFC and LRPP committees will be discussed by members of the two committees next year. Litzgus requested to Secretary Donnelly that the two committees be scheduled to meet together next year in Chattanooga. Litzgus suggested that she and Cundall and their committees develop a plan for such a merger, the plan to be brought to EXEC next year (2014) for enactment the following year (2015).

We then discussed LRPP composition and a succession plan. McMahan suggested that he should rotate off LRPP and noted that Malorie Hayes might be approached as his replacement. Donnelly noted that committees, particularly LRPP, needed new, young members in addition to middle-aged and senior members. That idea received unanimous support, but no motions were passed on mechanics of achieving it. As directed, Litzgus checked the P&P Manual and found that the Chair of LRPP is a 3 year term, and that the committee is to be composed of 6 additional members, all serving 3 year terms. Litzgus is currently in her 2nd year as Chair (after 1 year as co-chair), and has agreed to serve in 2014, which will be her 3rd and final year as Chair of LRPP. LRPP currently includes a Chair and 9 members, thus the committee should be reduced by 3 members. Litzgus will relay this information to the LRPP and ask if there are any members interested in stepping down. Litzgus would like to make one of the 6 member positions a Chair-elect position to ensure a succession plan for leadership of LRPP (a new Chair is needed for 2015).

Respectfully Submitted

Jackie Litzgus (LRPP Chair)

23. MMPC: Meetings Management and Planning Committee – Henry R. Mushinsky

The ASIH MMPC met in Chattanooga Tennessee on April 9-13, 2014 along with representatives of the three other JMIH participating societies. Collectively this group comprises the JMIH Meetings Management and Planning Committee. The ASIH Committee was comprised of Henry Mushinsky (Chair), Marlis Douglas and Kyle Piller. Also present at the April meeting were Edward Heist (chair of the JMIH MMPC and representing the AES), Meredith Mahoney (HL Representative), Robert Aldridge (SSAR Representative), Maureen Donnelly (Past JMIH Program Officer), Marty Crump, (JMIH Program Officer) and Heide Burke from the Kansas State University Continuing Education Program.

The main goal for the meeting is to develop the academic program for the JMIH Meeting in July and that mission was accomplished successfully.

The ASIH MMPC also reviews and selects proposed symposia for the next JMIH meeting. This year we had four symposia proposed including one that was to be co-sponsored by the Herpetologists' League. The Committee approved ASIH financial support for three symposium in 2015 (\$1,000 for each).

1. The three funded symposia are: Donn Rosen and the Assumptions that Inhibit Scientific Progress in Comparative Biology, Chaired by Brian I. Crother, and Lynne R. Parenti.

2. Transforming chemical ecology: from molecules to communities, Chaired by Chris Feldman and Al Savitzky
3. Cypriniformes Inventory, Chaired by Larry Page

A fourth symposium, The Next-Generation: Genomic Studies of Herps and Fishes, proposed by Prosanta Chakrabarty, and Adam Leache was not funded.

Meeting Sites: Thanks to Heide and the Kansas State crew, we have conferences scheduled through 2016, including

2015 - Reno Nevada, 15-19 July 2015 (Note: SSAR will not be participating in this annual meeting)

2016 – The Marriot Hotel in New Orleans is under consideration for approval at the 2014 JMIH Meeting.

Respectfully submitted for the Committee
H.R. Mushinsky

24. NOMC: Nominating Committee – Carol L. Spencer

The Nominating Committee for 2013-2014 was chaired by Carol Spencer. Carol worked with the elected members of the committee (Ted Pietsch, Chad Montgomery, and Mark Sabaj Perez) to gather the nominations for the 2014 elections. The information on all candidates is provided in Appendix D.

Respectfully submitted on behalf of the Committee,

Carol L. Spencer, Chair

25. RFAC: Raney Fund Award Committee – Michael Collyer

The ASIH Raney Awards Committee (Michael Collyer Chair, Raelynn Deaton, Kevin Conway) received 31 outstanding proposals this year. In my opinion, the quality of proposals this year was the most impressive of the three years I have served on the Raney Committee. The goal of the Raney Award committee was to find up to 5 proposals that are most outstanding for funding, using consensus scores from a grading rubric applied independently to each project by committee members. However, after much analysis and discussion, the committee felt that 6 proposals were unanimously outstanding, and it was not possible to find a consensus top 5 proposals. We, therefore, recommended 6 proposals be awarded. Of these 6 proposals, the committee agreed that there were two tiers: excellent (3 proposals) and most excellent (3 proposals).

The committee recommended that the \$5,000 be split equally among the awardees within the tiers, such that the most excellent proposals were funded at a rate that was 20% greater than the excellent proposals. This amounted to \$908 per awardee for most excellent proposals and \$758 per awardee for excellent proposals.

The awardees for 2014 are

Tier	Name	Institution	Project Title
Most excellent	Julie Butler	Louisiana State University	The impacts of anthropogenic sounds on fish behavior and reproduction
Most excellent	Justa Heinen-Kay	North Carolina State University	Honest sexual signals and local adaptation in endemic mosquitofish inhabiting Bahamian blue holes
Most excellent	Zachary Wolf	Austin Peay University	Do neighbors steal nests: detecting spatial complexity of allopaternal care in the imperiled Egg-mimic Darter (Percidae: <i>Etheostoma pseudovulatum</i>)
Excellent	Melissa Graham	Clark University	Evolutionary parallelism: the maternal stress response and offspring phenotypes
Excellent	Claire Hemingway	St. Edward's University	Adaptive behavioral syndromes as a potential mechanism of invasion and competitive abilities in two livebearing fishes
Excellent	Natalie Willard	St. Edward's University	Interactive Effects of male harassment and female competition on cannibalistic behavior in the livebearing western mosquitofish

Respectfully Submitted,

Michael Collyer (Chair)

26. RHGC: Robert H. Gibbs, Jr. Memorial Award Committee – Richard P. Vari

In March of 2014, the Robert H. Gibbs, Jr. Memorial Award Committee, consisting of Richard Vari (Chair), Brian Sidlauskas and G. David Johnson evaluated the credentials of six nominees for the 2014 award for excellence in systematic ichthyology. Several new or renewed nominations for the award were received by the committee this year. The recipient of the 2014 award will be announced in July at the plenary session of the annual ASIH meeting in Chattanooga, TN. A full-page announcement detailing the winner's accomplishments, along with a photograph, will be published in *Copeia* 2015(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 2015, Richard Vari departs the committee after three years of service. Brian Sidlauskas assumes duties

as committee chair, assisted by G. David Johnson and a third member to be elected at the Chattanooga meeting.

27. RKJC: Robert K. Johnson Award Committee – Henry L. Bart, Jr.

The Robert K. Johnson Award honors the memory of former ASIH Secretary and *Copeia* Editor Bob Johnson, whose long service and lasting contributions to the Society included production of the first guide to ASIH policies and procedures. The Johnson Award recognizes individuals who have made major contributions to the Society through their service to the organization, and it is awarded to either an ichthyologist or a herpetologist in alternate years. This year's award will be made to an ichthyologist. The 2014 Johnson Award Committee consists of Robert E. Espinoza, Kathleen S. Cole and Hank Bart (Chair). The committee evaluated the nominations of five distinguished and highly qualified ASIH members, each with extensive records of service. Despite the high quality of the nominees, the committee was able to reach a decision, which will be announced at the Plenary Session of the JMIH in Chattanooga, TN. The results will also be featured in an upcoming issue of *Copeia*.

Hank Bart will rotate off the committee at the end of this year, and a new herpetological member will be elected at the JMIH to join the committee, under the chairship of Robert Espinoza.

28. AES: Representative to the American Elasmobranch Society - Edward J. Heist

The American Elasmobranch Society held its 28th annual meeting in Vancouver, British Columbia in conjunction with the World Congress of Herpetology. AES had 127 oral presentations and 30 poster presentations. AES sponsored a symposium titled "Biology of Deep-water Chondrichthyans" organized by Charles Cotton and Dean Grubbs. Results of the society's election were announced at the business meeting. New members of the Board of Directors are Chris Lowe and Brad Wetherbee. Our new editor is David Shiffman. Jen Wyffels is our new secretary. Our nominating committee will consist of Sonja Fordham, Bob Hueter, Christine Bedore, Jayne Gardner and Mike McAllister. Demian Chapman and Jeremy Vaudo are new additions to the Grant Fund.

Approximately 175 people attended our banquet on Sunday night when plaques and checks were provided to award winners. The winner of the Samuel H. Gruber best student paper award was Kristine Stump for a paper titled "Hunted hunters: an experimental test of the effects of predation risk on juvenile shark habitat use." AES also provided three student research awards: The AES research award went to Kady Lyons, the Nelson Award went to Lindsay Harris, and the Mollet Elasmobranch Research Award went to Valentina di Santo. AES provided student travel awards to Andrea Bernard, Lindsay Harris, Jennifer Bigman, Kady Lyons, Joana da Carvalho, Michael McCallister, Philip Matich, Bianca Prohaska, Easton White, and Hannah Calich. The silent and live auctions raised additional funds for future student travel.

29. AUDC: Audit Committee – James Hanken

The 2013 Audit Committee was chaired by James Hanken and included Michael E. Douglas and Steven J. Beaupre as members.

The Committee examined the 2013 budget reports provided by Treasurer Martin to the ASIH Audit Committee and Executive Committee and find that the year's income and expenses are appropriate for ASIH. The attached copy of the 2013 cash-based budget report is the primary source of our evaluation. We have also received and reviewed the monthly checks and charges reports sent to Secretary Maureen Donnelly for her approval of expenses paid by Treasurer Martin.

30. AIBS: Representative to the AIBS and BioOne - Alan H. Savitzky

BioOne is a nonprofit consortium that provides electronic publishing services for many independent society and institutional publishers, providing royalties based upon online journal usage, as well as profit-sharing (i.e., distributing net profits at the end of the fiscal year). BioOne holds an annual Publishers and Partners Meeting in Washington, DC, which I had been unable to attend for several years after leaving the mid-Atlantic region. Accordingly, Carole Baldwin has been appointed as ASIH Representative to BioOne. However, she was unable to attend this year's P&P meeting, whereas I had the opportunity to attend and to offer the 2014 report.

The annual P&P meetings generally provide an opportunity for the BioOne staff to report on the status of the organization, describe the financial return to member publishers, and provide background on issues relevant to online publishing and scholarly societies. Details regarding BioOne, including the presentations given from past P&P Meetings, can be found at <http://www.bioone.org/>. This year BioOne reported that in 2013, its twelfth year online, the collection exceeded one million pages of content and over 13 million site hits. Net sales increased by 4.7% over 2012, as did its surplus sharing to member publishers.

One presentation at the meeting addressed the issue of whether MOOCs (massive open online courses) represent a major new advance or simply an incremental (and perhaps greatly over-hyped) trend. Another presentation described the challenges of marketing scholarly journals in India, describing the large and scattered system of universities, technological colleges, universities and government agencies.

Two presentations described *Elementa: Science of the Anthropocene*, a new open-access, online-only, journal launched in December 2013 by BioOne. *Elementa* (<http://elementascience.org/>) is the only journal that BioOne itself publishes, and it provides an important new outlet for research and review papers on climate change and human impacts on natural systems. Joel Blum of the University of Michigan serves as Editor-in-Chief, with additional editors handling the six Knowledge Domains that comprise the scope of the journal (Atmospheric Science, Earth & Environmental Science, Ecology, Ocean Science, Sustainability Transitions, and Sustainable Engineering). The journal publishes research articles, reviews, and commentary. Our society members are encouraged to visit the *Elementa* website and to consider publication in this new outlet, which features rapid editorial turnaround and relatively inexpensive open-access fees.

Finally, an important presentation by publishing consultant Raym Crow of the Chain Bridge Group described an algorithm that he has developed to assist society publishers in determining the costs and benefits of open-access publishing, as increasingly mandated by federal funding agencies. The algorithm considers such factors as embargo length and the proportion of content that is federally funded (and thus subject to OA mandate). The algorithm will be made freely available to BioOne member publishers.

The **American Institute of Biological Sciences (AIBS)** is an umbrella organization of over 150 member societies and organizations (MSOs), many of which focus on organismal biology or ecology, as well as individual members. AIBS continues to re-examine its activities as part of an ongoing process of strategic planning and refocusing on its core missions.

To that end, AIBS has been building upon the several surveys it has conducted on the interests and activities of both individual researchers ([http://www.access.aibs.org/page/Index/?](http://www.access.aibs.org/page/Index/)) and biological societies

(<http://bioscience.oxfordjournals.org.dist.lib.usu.edu/content/63/9/705.full?sid=71175697-f416-4e06-841e-642e73864f84>). The 2013 annual meeting of the AIBS Council (which includes representatives from the MSOs) involved a discussion between the AIBS staff, officers, board members and representatives from many of its MSOs to discuss trends, opportunities, and challenges facing the biological sciences and scholarly societies focused on biology. Individuals participated in the discussion either at the conference site (the Pew Conference Center in Washington, DC) or via remote connection.

In addition to providing advice to its MSOs through its surveys and explorations of leadership issues in biology, AIBS continues to be active in a number of areas of immediate interest to our society's members. These include activities related undergraduate and graduate education, natural history collections (including an important role in the Natural Science Collections Alliance), and representing the interests of organismal biologists and ecologists to Congress. The staff of the AIBS Public Policy Office maintain direct contact with congressional offices, host an annual Congressional Visits Day (in which MSO members are invited to participate), facilitate meetings between biologists and their congressional members, sponsor graduate internships in science policy, provide monthly e-mail news updates, and facilitate individual input to Congress members through the AIBS Legislative Action Center (LAC; <http://policy.aibs.org/>). Society members are encouraged to register with the LAC, which provides immediate alerts regarding relevant legislation and simplifies contacting individual legislators to express an opinion on those issues, many of which are related to conservation or the federal funding of science.

Respectfully Submitted,

Alan H. Savitzky

31. EHRC: Education and Human Resource Committee – Michael Pauers

Current Members:

Michael J. Pauers - Chair
Prosanta Chakrabarty
Carol Johnston
Steve Kimble
Elizabeth Marchio

Changes to Membership:

The previous Chair, **George Middendorf**, stepped down as of 01 January 2014. **Henry Mushinsky** stepped down as of June 2013. Also stepping down in January 2014 were **Mollie Cashner** and **Rod Williams**. We wish to extend our many thanks and gratitude to them for their service and leadership. In January 2014, **Chakrabarty**, **Kimble**, and **Marchio** became members of the EHRC, and I welcome them to the committee and thank them for their assistance

ACTIVITIES 2013-2014:

Activities Completed/In Progress:

From June 2013-January 2014, **Middendorf** reports no identification requests, questions to the society, or activities of any kind.

In January 2014, **Pauers** assumed the Chair of EHRC and queried the membership at that time about their interests in continuing to serve on EHRC. **Middendorf** also informed **Pauers** of **Chakrabarty's** and **Marchio's** interest in joining the committee. **Pauers** then constructed the current membership roster.

Also in January, **Pauers** resumed the discussions (and agitating and annoying...) between ASIH and AES regarding the Meritorious Teaching Award in Ichthyology (A.K.A. "MTAIch," pronounced "empty ache"). With much help from **Middendorf**, **Bill Matthews**, **Chris Lowe**, **Brad Shaffer**, and **Maureen Donnelly**, the award was approved by both societies, and the inaugural winner will be announced at the 2014 JMIH in Chattanooga, TN. **Pauers** and **Lowe** then selected the judges for this year's nominations, and **Chakrabarty**, **Johnston**, **Ed Heist**, and **Lara Ferry** all accepted their appointments as judges; many thanks are extended to them for their willingness to do this despite a very tight deadline!

As of this writing (07 June 2014), five nominations for some absolutely outstanding candidates have been received.

Items Needing Attention; to (hopefully) be addressed in 2014-2015:

Resume a discussion of the possibility, usefulness and development of an app (or other centralized, online resource) that would aid locating mentors for in STEM fields [from **Richard Paul**; response by **George Middendorf**]

Begin consideration of an EHRC webpage (on the ASIH site) that 1) outlines committee functions and 2) provides links to other basic info (like the career guides)

Continue to identify new committee members – an absolute priority if the committee is to continue. We respectfully request nominations from the BOG, especially for herpetologists!

32. HACC: Herpetological Animal Care and Use Committee – Christopher L. Parkinson

Over the last year we have received several email requests for clarifications regarding the use of reptiles and amphibians in research and IACUC compliance. Most questions revolve around the 2013 AVMA approved methods of euthanasia. Several commonly used methods are not currently approved in the 2013 AVMA guidelines. I did a quick email pole among herpetologists and many researchers sent me their methods of euthanasia. Many methods are currently used that are not in the 2013 AVMA guidelines. We suggest PIs have a discussion with their Institution's IACUC and ask for consideration of a non-AVMA approved method, which may be given. We are also happy to help guide PIs on this topic. The committee plans to update our HACC guidelines over the coming months, if anyone wants to volunteer to help we would greatly appreciate their services.

Respectively submitted,

Christopher L. Parkinson

33. HFMH: Honorary Foreign Member in Herpetology - Darrel R. Frost

Darrel Frost (chair), Members: Aaron Bauer, and Maureen Donnelly

In April 2014, President Shaffer requested that we form a committee to nominate a suitable candidate for position of Honorary Foreign Member vacated by the death of Alice G. C. Grandison. This nomination is submitted to the Board of Governors for their imprimatur. Our committee deliberated, taking into account the career path of various individuals, their impact on the scientific infrastructure and herpetological conservation within their own countries or residency, and their collaborative activities. In rather short order we landed on one name that excelled in these categories and for whom this honor would help promote the study of amphibians and reptiles in tropical Asia: Indraneil Das. A precis of his substantial achievements follows that documents how he made the deliberations of this committee quite simple. A CV is also attached (Appendix XX).

Dr. Das received his BS from the University of Calcutta, India, and went on to do graduate studies at the University of Oxford, from which he received a D.Phil. in Animal Ecology for his work on amphibian ecology. Subsequently, he as a postdoctoral research fellow at the Universiti Brunei Darussalam, where he conducted ecological and systematic field work on the herpetofauna of northwest Borneo, between 1991 and 1993.

He subsequently served as Scientific Officer of the Centre for Herpetology and Centre for Island Ecology, based at the Madras Crocodile Bank Trust for nearly 10 years, during this time, collecting and working on herpetological specimens in the hills of southern India, mainly the Western Ghats and also the remote Andaman and Nicobar Islands.

Also during this period, between 1995 and 1996, he was a Fulbright Scholar at the Museum of Comparative Zoology, Harvard University. Since 1998, he has served on the Faculty of the Institute of Biodiversity and Environmental Conservation, at the then newly created Universiti Malaysia Sarawak, attaining the level of Professor in 2007.

During his career, he has received substantial research support via grants and consultancies from a number of agencies, including World Wide Fund for Nature, World Conservation Union (IUCN), Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES), Center for Marine Conservation, Conservation International, Darwin Initiative for the Conservation of Species, Fauna and Flora International, Ministry of Higher Education, Government of Malaysia, People's Trust for Endangered Species, Ramsar Center Japan, Royal Manas Forest Department, Sarawak Energy Berhad, World Nature Association, Universiti Brunei Darussalam, Universiti Malaysia Sarawak, United Nations Development Programme/Global Environmental Facility, The Mohamed bin Zayed Species Conservation Fund, Shell Chair Grant and Volkswagen Stiftung.

He has published 423 papers, popular articles, books, and book chapters and as of 1 May 2014, has an H-index of 21 (a stratospheric number for someone not publishing on animals familiar to the bulk of herpetologists in Europe and North America), and a cumulative citation number of 2,842. In addition, he has worked with colleagues to produce three websites on the herpetofauna of Borneo, and have an application for Android and Macintosh platforms on the amphibians of one of Sarawak's National Parks.

He has supervised three PhDs (on crocodile and crustacean ecology and systematics) and a number of M.Sc. and B.Sc. honors theses (on a variety of topics, centered around ecology, evolution, conservation biology, behavior, and systematics). His substantial productivity is especially remarkable given his teaching load: courses he teaches annually for zoology majors include Animal Systematics, Field and Laboratory Techniques, Scientific Communication, Field Ecology, and Vertebrate Biology / Animal Biology.

In 1989, he co-founded (with Prof. Sushil K. Dutta) and served as Co-Chairman of the 'IUCN/SSC Indian Subcontinent Reptile and Amphibian Specialist Group', which lasted till 1993. Thereafter, I was appointed Chairman of the IUCN/SSC South Asian Reptile and Amphibian Specialist Group (1994–2005). He continues to be active in herpetological conservation and established “The Bornean Frog Race,” an annual weekend of conservation activities for naturalists and the public at large that now attracts attendees from around the world.

Besides serving on the Editorial Board of about a dozen journals, he is an editor of the journal *Biodiversity and Conservation* (Springer, Berlin) since 2011, handling topics on herpetological topics or those relevant to conservation of Southeast Asia. Since 2006 he has been Section Editor for Geographic Distribution: Old World taxa for *Herpetological Review*. He is also co-editor of volume 11 of *Amphibian Biology* (a series produced under the Editorship of Harold Heatwole), that deals with amphibian declines in the Eastern Hemisphere. This volume, expected out in July 2014, has 22 chapters, each authored by a country specialist. He was editor of *Hamadryad* (the Journal of the Centre for Herpetology), between 1992 and 2011, during which time he raised the standards and profile of the journal.

Dr. Das has received several awards, including the ARROS Award for Herpetology from the University of Peradeniya, Kandy, Sri Lanka (1996), a Gold Medal and Honorary Fellowship, from the Zoological Society of Eastern India, Darjeeling, India (1999) and the Distinguished Herpetologist Award (2010) from the Herpetologists' League (2010). And, as evidence of the esteem he feels from colleagues, a number of species have been named for him: *Adenomus dasi* Manamendra-Arachchi and Pethiyagoda; *Cnemaspis indraneildasii* Bauer; *Oriotiaris dasi* Shah and Kästle; *Nyctibatrachus indraneili* Biju, Van Bocxlaer, Mahony, Dinesh, Radhakrishnan, Zachariah, Giri & Bossuyt; and *Mortonagrion indraneil* Dow, 2011 (a dragonfly).

Dr. Das has cultivated collaborations between tropical Asian herpetologists and their colleagues around the world and has hosted numerous scientific meetings as well as the visits of individual scientists to both India and Sarawak. Both as a role model and through direct assistance, he has helped to launch the careers of many herpetologists across South and Southeast Asia.

34. HSOC: Representative to the Herpetological Societies (SSAR and the HL) – Alan H. Savitzky

As for the past several years, relationships between ASIH and both HL and SSAR continue to revolve around the JMIH activities, and accordingly the role of the ASIH Representative to those two societies has been minimal. It remains to be seen whether that role will increase when, in 2015, SSAR exercises its option to meeting separately for the first time since the JMIH structure was formalized. Attempts to forge a stronger alliance among all three societies (most recently explored by Henry Mushinsky) were unsuccessful. The same was true of a recent attempt by several ornithological societies a few years ago, although two of those societies nonetheless elected to collaborate on their business and publication operations, rather than continue to function in a fully autonomous fashion.

As noted in last year's report, the American Institute of Biological Science (AIBS) has reviewed individual scientists' attitudes toward membership in scholarly societies, correlating that information with membership trends. AIBS has also invited consultants who deal with nonprofit membership organizations to meet with society representatives and has recommended two books by Harrison Coerver and Mary Byers to its own Board of Directors (*Race for Relevance: 5 Radical Changes for Associations* (2011) and *Road to Relevance: 5 Strategies for the "New Normal"* (2013)). Coerver and Byers describe the current environment as one in which a tighter economy, technological advances, and a generational shift in membership attitudes have resulted in membership losses among many nonprofit professional associations. They find that such organizations, facing membership loss, often fail to focus on their core strengths (instead rolling out new but unsuccessful services); fail to confront and resolve redundancies among organizations or chapters (a situation particularly relevant to our discipline); and face either inertia or pressure from the "old guard" to maintain the status quo or to anticipate failure from changes "so they can advocate a return to the traditions of the past [*Road to Relevance*, p. 143]."

Some organizations (such as the Society for Integrative and Comparative Biology) continue to grow, but they are often societies with a focus that transcends taxonomic boundaries. Other societies maintain a steady membership by continually attracting short-term members (usually students who are enticed by travel or research funds). With three societies (or four if we include AES) competing for the same new members, the latter strategy appears unlikely to offer a long-term solution to maintaining a robust membership.

35. IACC: Ichthyological Animal Care and Use Committee – Edie Marsh-Matthews

Members of the Ichthyological Animal Care and Use Committee (IACC) are Edie Marsh-Matthews (Chair), Michael Heithaus and Nate Franssen. The charge of the IACC, (as outlined by

Past President Steve Beaupre) includes: 1) maintenance and update to the guidelines, 2) service to JMIH members in navigating protocol submission and approval, and 3) service to government and regulatory agencies (e.g. local IACUCs) that may need taxon-specific assistance in the evaluation and approval of protocols.

To date, the IACC has only addressed the update of guidelines in that Edie Marsh-Matthews worked with the “ad hoc Committee to Review Guidelines for Use of Fishes in Research 2013” (appointed by President William Matthews) to review and comment on guidelines drafted by the American Fisheries Society. Reviewers submitted comments to Hank Bart, a member of that committee in AFS, who passed those along to the AFS committee in July 2013. As of 21 June, 2014, these Guidelines are not yet available.

ad hoc Committee to Review Guidelines for the Use of Fishes in Research 2013

Hank Bart (Chair)

Edie Marsh-Matthews, Dave Greenfield, Barry Chernoff, Dean Hendrickson, Jake Schaefer, Karen Martin, James Albert, Bruce Collette, Jackie Webb

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

The 2013 Collections Committee Meeting commenced with introductions. Ken Thompson provided an update on the fish collection at Lock Haven University, Pennsylvania. The collection is composed of a couple thousand specimens, mostly computerized, and includes freshwater and marine material from US Fish & Wildlife surveys, small orphaned collections (e.g., Shippensburg Univ., PA), and a jar of fish collected by Henry W. Fowler in 1913. Discussion shifted to moving collections, noting that some businesses (e.g., U-Haul) will not haul wet (alcohol) collections. Lex Snyder noted that few moving companies have experience transporting wet collections.

A new, up-to-date version (v.4) of the Standard Symbolic Codes for Institutional Resource Collections in Herpetology & Ichthyology was made available via the ASIH website on 28 June 2013. The new list contained 1,508 abbreviation records including 106 newly added, as well as important corrections to previously listed abbreviations. Although authors are encouraged to use/cite the new list in manuscripts submitted to Copeia, many continue to cite an obsolete URL (i.e., <http://www.asih.org/node/204>).

Karsten Hartel suggested that Copeia editors mandate the use of the most current list of symbolic codes. Eric Hilton noted that Copeia’s “Instructions to Authors” needs updating. Tom Giermakowski suggested the list of abbreviations be assigned a new subdomain or DOI (digital object identifier). Lex Snyder shared an anecdote regarding collection data used for an ecology paper submitted to Copeia. The Copeia editor requested a list of all collections used in the study.

Discussion transitioned to how collections handle accessions. In general, a unique Accession Number is assigned to a block of material received at one time, and is tied to documents that formally acknowledge transfer of ownership as well as relevant collecting/export/import permits and field notes. The job of accessioning material often begins with a Registrar; however, few museums support such a position (Texas A&M, Burke Museum and Yale Peabody Museum excepted). Dean Hendrickson noted that endowments might fund acquisitions, but not the work needed to fully catalog and incorporate the new material into the collection. On a yearly basis, Katherine Maslenikov sends a spreadsheet of new accessions to the

Central Registrar of the Burke Museum. Ben Frable noted that the fish collection at Oregon State University has no history of accessions prior to 2009; therefore, all pre-2009 holdings are grouped as a single accession. Kevin Swagel added that each department (e.g., Geology, Anthropology, Zoology) has its own accession system at the Field Museum of Natural History.

Discussion moved on to practices for assigning new catalog numbers to specimens previously accessioned/cataloged at a different institution. For example, specimens previously cataloged into the fish collections of the Chesapeake Biological Laboratory and University of Richmond are now at the Virginia Institute of Marine Science. Such non-native material is being incorporated into the VIMS collection under new VIMS catalog numbers with CBL and UR catalog numbers retained as “previous number”. Rob Robins noted that the University of Florida collection has assigned entire blocks of UF catalog numbers to certain material received from other collections (e.g., TABL, Tropical Atlantic Biological Laboratory). Linda Ford added that GBIF does not have a data field for previous institutional catalog numbers.

Discussion segued to unique identifiers for collection objects. A globally unique identifier can be created by assigning a random (but unique) number string (opaque identifier), or by using a triplet code: acronym + collection + catalog number (e.g., MCZ-FISH-1692, non-opaque). A triplet code, however, may not suffice for subcollections (e.g., larval collection within a larger fish collection).

The digitization community is moving towards opaque identifiers. Randy Singer noted that his effort to employ non-opaque triplet codes almost led to fisticuffs with computer programmers. Collections will need to position themselves to uniquely register their institution and holdings within the global community. One resource for doing so is the Global Registry of Biorepositories (GRBio) at <http://grbio.org/>. GRBio is a merger of three prior registries and an ongoing collaboration among them: Index Herbariorum, Biodiversity Collections Index (BCI) and biorepositories.org created by the Consortium for the Barcode of Life (CBOL). Hank Bart stressed the need for collection managers to “stay tuned”. Linda Ford and Lex Snyder also stressed NHCOLL-L, The Natural History Collections list-server, as an important resource for collection managers to engage the collections community. Whenever Lex Snyder has a question, she goes to NHCOLL-L for answers.

Attention was called to a recent report compiled by the Network Integrated Biological Alliance (NIBA). The report (available at: <https://www.idigbio.org/content/niba-strategic-plan>) is a strategic plan for a 10-year effort to digitize and mobilize the scientific information associated with biological specimens held in U.S. research collections. Linda Ford called for collections people to inform themselves on current issues surrounding the digitization and integration of collection records. Collections committees should be in a position to influence decision-making. Karsten Hartel suggested that the committee prepare and release a basic position statement and draft guidelines for newsletter.

Katherine Maslenikov asked about the use of numbers for taxa, i.e., Phylocode. Hank Bart noted that such initiatives remain background to day-to-day collection operations. Needed are ways to track the use of collections data. As Lex Snyder pointed out “Nobody tells you when they use your stuff”.

Linda Ford stressed the importance of making collections data, particularly images, available to a broader community including students of evolution, ecology and the humanities, as well as the need for data standardization (e.g., there are too many ways to indicate “male” in VertNet). Numerous aggregators for collections data exist, including GBIF, FishNet (which

feeds into VertNet, which will feed into iDigBio), and BISON (Biodiversity Information Serving Our Nation, USGS sponsored aggregator and national portal for GBIF).

Kevin Swagel and Susan Mochel provided an update on the multitude of recent changes at the Field Museum of Natural History. Zoology is now a part of the Science and Education Division. The fish collection is down to two full-time positions, assistant collections manager and collections assistant. Zoological collections are managed together under Bill Stanley, separate from research, and the new focus is on making collections available to the public. Mark Sabaj Pérez noted that the Academy of Natural Sciences has discussed separate “silos” for collections and research. Support is shifting away from traditional curator positions, and towards part-time project scientists and professional (enhanced) collections managers who can assume more roles traditionally held by Curators.

Lex Snyder stressed the importance of maintaining an open dialogue with local Fire Marshalls with respect to collection operations and renovations. National, state and city fire codes may differ, and are subject to interpretation. An individual Fire Marshall may set standards higher than the norm. Also important to keep institutional Environmental Health and Safety staff on speed dial.

Finally, the committee briefly touched upon an idea to create a new ASIH award to honor excellence in Ichthyological and Herpetological Collection Care and Management. The idea was well received, and Mark Sabaj Pérez and Gregory Watkins-Colwell agreed to promote it among members of the society.

2013 Collections Committee Meeting Attendance (20, based on those who signed in)

Bart, Hank	Tulane University
Burns, Mike	Oregon State University
Craig, Matt	University of San Diego
Ford, Linda S.	Harvard Museum of Comparative Zoology
Frable, Ben	Oregon State University
Giermakowski, Tomas	Museum of Southwestern Biology, Univ. New Mexico
Hartel, Karsten	Harvard Museum of Comparative Zoology
Hendrickson, Dean	University of Texas, Austin
Hibbitts, Toby	Biodiversity Res. & Teaching Coll., Texas A&M Univ.
Hilton, Eric	Virginia Institute of Marine Science
Klepadlo, Cynthia	Scripps Institution of Oceanography
Maslenikov, Katherine	Burke Museum
Mochel, Susan	Field Museum of Natural History
Sabaj Pérez, Mark	Academy of Natural Sciences of Philadelphia
Singer, Randy	University of Alabama
Snyder, Alexandra	Museum of Southwestern Biology, Univ. New Mexico
Swagel, Kevin	Field Museum of Natural History
Thompson, Ken	Lock Haven University
Walker, H.J.	Scripps Institution of Oceanography
Watkins-Colwell, Gregory	Yale Peabody Museum

ASIH COLLECTIONS COMMITTEE as of 18 May 2014

Chair

Mark Sabaj Pérez sabaj@ansp.org

Newsletter Subcommittee

H.J. Walker (Chair) hjwalker@ucsd.edu
Cynthia Klepadlo cklepadlo@ucsd.edu
Rob Robins rhrobins@flmnh.ufl.edu
Lou Van Guelpen arc@mar.dfo-mpo.gc.ca
Matthew T. Craig matthew.craig@upr.edu

Supplies and Practices Subcommittee

Nelson Rios (Chair) nelson@museum.tulane.edu
Barbara Brown bbrown@amnh.org
Mark Sabaj Pérez sabaj@ansp.org
Gregory Schneider ges@umich.edu
Ken Thompson kthompso@lhup.edu
Lou Van Guelpen ARC@mar.dfo-mpo.gc.ca
J. Tom Giermakowski tomas@unm.edu
Andy Bentley abentley@ku.edu
Randy Singer rsinger@flmnh.ufl.edu
Ben Frable ben.frable@oregonstate.edu

Ichthyological & Herpetological Data Standards Subcommittee

Jeffrey T. Williams (Chair) WILLIAMSJT@si.edu
Stanley D. Blum sblum@calacademy.org
Paulo Andreas Backup backup@acd.ufrj.br
David Catania dcatania@calacademy.org
Dean Hendrickson deanhend@austin.utexas.edu
Richard Pyle deepreef@bishopmuseum.org
Nelson Rios nelson@museum.tulane.edu
Katherine Maslenikov pearsonk@u.washington.edu
Jens V. Vindum jvindum@calacademy.org

Submitted for the committee,

Mark Sabaj Pérez, Committee Chair

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

The 7th edition of the *Common and Scientific Names of Fishes from the United States, Canada, and Mexico* was published in March 2013 as American Fisheries Society Special Publication 34. Since then the Joint ASIH-AFS Committee on Common and Scientific Names of Fishes has been updating the ‘List’ for an 8th edition as well as discussing development of an online version of the List where proposed changes in names can be posted as they appear in print

and/or are recommended by the Committee, thereby providing opportunities for comments from members of ASIH and AFS to be considered by the Committee.

Most recent activities by the committee have followed the decision to expand coverage of the List to the boundaries of the Exclusive Economic Zone (EEZ), beyond the bathymetric (200-m depth) limit used in previous editions. This will produce a list of all species within the legal jurisdictions of the U.S., Canada and Mexico.

Submitted by Larry M. Page (Chair) for the committee: Lloyd T. Findley, Carter R. Gilbert, Robert N. Lea, Nicholas E. Mandrak, Juan Jacobo Schmitter-Soto, Karsten E. Hartel, Carole C. Baldwin, and H. J. Walker.

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

The NSC Alliance is a nonprofit association that supports natural science collections. The approximately 100 institutional members are part of an international community of institutions that house natural science collections and utilize them in research, exhibitions, academic and informal science education, and outreach activities. Key activities and accomplishments of the NSC Alliance during the past year included the following:

- In collaboration with other scientific organizations, NSC Alliance pushed for increased funding from Congress for basic research and fought against overly prescriptive policies that would interfere with the peer-review process.
- Educated Congress on the importance of natural history collections, including a briefing on Capitol Hill attended by policymakers, members of federal agencies including NSF, and nongovernmental organizations.
- Provided testimony to House and Senate Appropriations Committees in support of increased funding for the NSF and the Department of the Interior
- Sponsored the 5th Annual Biological Sciences Congressional District Visits event. Several NSC Alliance member organizations participated and discussed the importance of natural history collections in understanding issues related to biodiversity.
- Provided regular policy and news updates to NSC Alliance members via the NSC Alliance Washington Report.
- Co-sponsored two symposia with iDigBio on digitization and dissemination of natural history collections data. One symposium was held at the 2013 Society for the Preservation of Natural History Collections (SPNHC) annual meeting in Rapid City, South Dakota. The second, the “Collections for the 21st Century” symposium, was held at the University of Florida, Gainesville.

39. SPUC: Special Publications Committee – Jonathan W. Armbruster

Sales saw a modest uptick across the board in 2013. Sales through Amazon.com were also fairly strong with 19 total books and 2 full sets of “Living Marine Resources” sold through Amazon. We recommend that we make Special Publication #6 available through Amazon at

\$110; list for the book is \$100 through Allen Press, and we normally charge slightly higher through Amazon to cover markup. Sales summarized below.

Total Sales Figures

Special Publication #3: Collection Building	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
	2011: 6 copies	\$284.50
	2012: 7 copies	\$292.75
	2013: 8 copies	\$226.50
Special Publication #4: Fishes of Bermuda	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
	2011: 2 copies	\$68.00
	2012: 4 copies	\$166.00
	2013: 18 copies	\$570.50
Special Publication #5: Living Marine Resources	2004: 97 copies,	\$10,540.00
	2005: 49 copies	\$5,432.00
	2006: 22 full sets, 4 volume 2, 3 Volume 3	\$2,494.00
	2007: 8 full sets, 38 individual volumes	\$1,962.00
	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
	2011: 11 full sets, 6 individual volumes	\$1,199.30
	2012: 7 full sets	\$702.00
	2013: 14 Vol 1, 5 each Vol 2 and 3	\$684.00
Special Publication #6 An Empirical Synthetic Pattern Study of Gars	2010: 161 copies	\$3,786.00
	2011: 26 copies	\$993.00
	2012: 6 copies	\$638.00
	2013: 20 copies	\$953.5
Total 2013		\$2,431.50

40. WCMC: Web Content and Management Committee - Steven J. Beaupre

2014 members: Melissa Gibbs, John Lundberg, Margaret Neighbors, Brian Sidlauskas, Jacqueline Webb, and Mo Donnelly (ex Officio).

Most of 2013 and early 2014 was spent basking in the early success of the new ASIH web site. As you'll recall, the new site was activated shortly before the 2013 meeting, with new web designer/master/host Dennis Murphy. The feedback on the new site has been mostly positive. However we continue to consider and implement improvements to its overall function.

The WCMC met in Albuquerque to discuss the transition to the new site, on-going issues, and the future composition and focus of the WCMC. Specifically, the following issues were discussed:

1. Use of the ASIH web site for polling the membership.

The general sentiment was expressed that the web site could evolve to be a hub for communication. Currently, the major uses by membership include job postings and meeting pages. The concept of incorporating the capacity to poll the membership was supported, although no immediate poll was proposed. We refer to Dennis Murphy to see how difficult it will be to set up a polling function.

2. Posting of ongoing tweets on the web site:

The committee discussed a variety of both pros and cons to doing this. There is little doubt that the twitter use of the membership will likely grow. No strong opinions against were voiced, however, this change would require major, rather than minor modifications, involving potentially extensive revision of relevant page(s). The suggestion was made that if we move forward with this idea, the active tweet posting should go under the "About" link rather than the "Home" link.

3. Status of ASIH History page:

The history page is still a work in progress. Tim Berra supplied a document that was posted as part of the ASIH history. Joe Mitchell and David Smith are working on a text contribution for a society history page. The suggestion was made that we include obituaries on the web-site, however, maybe the "History" is not the most appropriate place. Perhaps we should add a "Sad News and Notices" page to the existing news page. Since this discussion, several brief obituaries have been posted in the News window.

4. The Meetings page:

The committee discussed whether we really need a separate page for each year, and the cumulative answer was a clear "yes". However, we did make some suggestions regarding repetitive information between the Meetings pages and the Society Documents pages. The consensus was that annual Audit reports and information should be filed under "Society Documents" and that the annual BOG book should continue to reside with the appropriate meeting on the "Meetings" page.

5. Resources:

The question was raised whether we wanted to embellish the resources page with a repository of teaching aids that would be available to the membership (e.g. phylogenies, maps, other graphical or freeware resources). The consensus was that this was a good idea, but not one that we should pursue immediately. Perhaps this would be a good item to poll the membership on: would such a resource be useful and appreciated?

6. Committee descriptions/charges:

The web site currently lists the titles of the committees with a pop-up list of committee members. The suggestion was made that the site also includes the committee charges, and a link to the ASIH policy manual. Mo Donnelly agreed to provide text for the committee charges, and a link to the Policies and Procedures Manual (currently on Soc-Docs page) should be straight forward. These updates have yet to be accomplished.

7. Material Expiration Policy:

The committee took up the question of an expiration policy for posted materials. Such materials would include expired job postings, old news items and data on meeting pages. The consensus was that no single policy could cover all of these items. The meeting pages, as the main repository for meeting-related documents (BOG book) should remain as is: there was no interest in purging meeting pages after a certain elapsed time. However, both job postings and news items (including notices) do expire, and the committee suggested a quarterly purge of expired job notices and news documents.

8. Mobile-Friendly site:

About 15% of our site visits are from mobile devices (smart phones, notebooks and tablets). The committee discussed the possibility of establishing a mobile-friendly version of ASIH.org. The idea was positively received however, it is clear that developing such a site would constitute a significant undertaking (and associated cost). The general consensus was that we continue to monitor mobile use rates, and reconsider this option down the line, especially if mobile use rates become a larger proportion of our total traffic.

These discussions summarized the 2013 meeting of the WCMC.

During Fall 2013 and Spring 2014, there were several instances of service interruptions related to the host server that we employed. Dennis Murphy recommended that we move to a new IP provider to reduce, if not eliminate, these service interruptions. The new IP provider is quite a bit more sophisticated than the original one. When we went to NameSecure (our former Domain Host), we found that NameSecure lacked the required capacity to accommodate pointing to the new IP address. So, we decided that we had to switch to a new Domain Host, and we picked "Go Daddy". Before we could switch to Go Daddy, We had to update the ASIH "WhoIs" data, which took a few days to accomplish. Doug Martin (Treasurer) is now listed as the "owner" and I (SJB) am listed as "Administrator". I (SJB) then set us up with a Go Daddy account, and established a new Domain host. The changeover was painless, and resulted in no perceptible service interruption. It is our hope that service interruptions will be eliminated into the future.

Please submit to the Image Bank

To remind the membership, an attractive feature of the new website is the image bank (under "Resources"). Society members can submit images of habitats, organisms, and people, under varying public use conditions. These images appear randomly on the webpages as users browse. The membership (especially Ichthyologists) is strongly encouraged to contribute to the image bank through following instructional links on the ASIH.org website. Approval to access the image bank for contribution starts with a simple request email to S. J. Beaupre (sbeaupre@uark.edu). Please let me know if you want access, we verify membership status, and set you up with a password.

Planned activities, 2014 meeting in Chattanooga

The 2014 Web Content and Management Committee will meet in Chattanooga at 4:00-6:00PM on Saturday August 2, in Meeting Room 18. In addition to the Committee, Dennis Murphy will be present. If you have any input you would like to share about the web site, please contact either myself (SJB), or any member of the committee above. We hope to make the ASIH web site an evolving and dynamic tool for the society.

Finally, I note that we continue the search for a **Web Content Editor**. This individual would be parallel to our Copeia editor in chief, and retain primary responsibility for running the WCMC as Chair, and serving as the general liaison between the society and Dennis Murphy. Any nominations or volunteers would be warmly received.

Faithfully submitted,

Steve Beaupre

41. HIST: History of the Society Committee - David G. Smith & Joseph C. Mitchell

The year 2013 marked the beginning of the Centennial period of Copeia and ASIH. The first issue of Copeia was published in 1913, and the Society was formally organized in 1916. Over the next four years, the Committee will be working to tell the story of the people and events that contributed to the growth and development of the Society that we know today. In 2013, we published three articles related to the Centennial in Copeia. The first was a brief introduction to the Centennial. The second dealt with the articles and authors of Copeia's very first issue in 1913. The third discussed the changes that occurred as the journal grew and as the responsibility shifted from founder John Treadwell Nichols to a group of academics in the Midwest. Our goal is to publish at least one article relating to the Centennial in each issue of Copeia from now through 2016.

A special Centennial Committee was formed under the chairmanship of Eric Hilton. The History Committee will work closely with the Centennial Committee over the next three years to plan articles and events, culminating with the centennial meeting in 2016.

In December, Committee co-chairman Smith began going through the correspondence of M. Graham Netting, who was the Secretary from 1931 to 1948. This will provide insight into the life of the Society during those years and will undoubtedly contribute subjects for future articles. The ASIH archives are located at the Smithsonian Institution in Washington, DC.

Two Historical Perspectives articles were published in 2013, one on Herndon Dowling, by the late Margaret Stewart and Joseph Mitchell, and one on Jay Savage, by Maureen Donnelly. Articles on several others, both herpetologists and ichthyologists, are in various stages of preparation.

Respectfully submitted,

David G. Smith and Joseph C. Mitchell

42. Ad Hoc Committee on the 100th Anniversary of ASIH – Eric J. Hilton

Here is a brief synopsis/bulleted list of committee email activities since being assembled and given our charge. I will also be sending out a “2014 regrouping” email to the committee later today, and will copy you (as a member of the committee), and Brad and Larry as the new president and president elect. The two primary areas of activity have been regarding the published celebration of the centennial in the pages of *Copeia*, and some preliminary discussion of the celebrations to take place during the meetings (and in particular the 2016 Centennial meeting).

- Manuscripts being planned/discussed with the goal of having one centennial oriented paper per issue through 2016. Potential topics include
 - o The changing cover of *Copeia* (based on the exhibit from the 2013 meetings; slated for 2014(1))
 - o Women in ASIH (Marvalee Wake and Lynne Parenti were contacted and are considering co-authoring this)
 - o The last 50 years of ASIH: perspectives from Bruce Collette (A companion from a long-time herpetological member has been discussed as well, possible subjects include Jay Savage or Roy McDiarmid)
 - o Students in ASIH (Malorie Hayes, Shab Mohammadi, and Abbigail Nicholson [student committee leaders] have been approached and have agreed to take this on)
 - o E.R. Dunn and ASIH (Mitchell is working on this)
 - o Fowler as an early member (Sabaj-Pérez has expressed interest in seeing what might be available in the ANSP archives)
 - o E.D. Cope as a namesake (Smith is working on this)
 - o Nicholls as the founder
 - o International involvement/role of ASIH
 - o Member questionnaires from the 1950s/1960s
 - o Arthur Henn, ASIH treasurer in the early years (17 years of service and no obit or recognition in *Copeia*!) (Bowman will take lead)
 - o Origin of the ASIH and its first meeting (which occurred in March 1916, so the first issue of 2016 is the goal for this one)

- o Charter members of the ASIH

- A lunch-time meeting (Friday, August 1) has been organized for the 2014 meeting of the ASIH in Chattanooga, at which time manuscripts and timelines for these will be discussed. Other items for discussion will include:

- o Resurrection of the ichthyologist and herpetologist slideshow, based on the ichthyologist slide show Burr had assembled (Sabaj-Pérez has volunteered to take lead on this)
- o Ideas for some sort of celebration (in terms of party, barbeque, banquet, etc.)
- o Symposium in the 2016 Centennial meetings

In December 2013, I visited Dave Smith and Inci Bowman, and together we spent two days going through some of the ASIH archives at the Smithsonian. There is a wealth of material there and available, and many more trips will be necessary for data collection for these manuscripts (and others).

I believe the committee is still in its gearing up phase, but I think we have some good ideas and have made some good momentum for having the 4 year (with 3-years remaining) celebration off to a good start.

Sincerely,
Eric Hilton

43. Ad Hoc Committee on the 100th Anniversary of ASIH – Brian Sidlauskas

Over email in 2013-2014, the ASIH Ad Hoc Committee on Membership discussed various obstacles related to the recruitment and retention of membership in ASIH, and brainstormed several potential solutions to those challenges. Several concerns center on the annual meeting. These including prohibitive cost for many students, postdocs and retirees, difficulties with the lack of childcare, and a perception that the annual meeting does not offer as many benefits to attendees as do competing meetings, such as those of SICB, ESA and the Society for the Study of Evolution. Many herpetologists perceive membership in ASIH as redundant with membership in SSAR. Several people pointed out that membership is not required to reap many of the other benefits that ASIH offers, such as access to the content of the website, the ability to compete for awards or the right to be nominated for office. There is widespread agreement that access to Copeia is no longer a meaningful membership incentive, because most people have institutional access.

At this point, the committee has only begun to discuss potential solutions to these challenges. Possible alterations to the annual meeting might include reduction in cost for students, postdocs and retirees, the addition of childcare opportunities, increasing the number of workshops, networking events and panels and adding a session of lightning talks. Possible ASIH-specific actions could include requiring membership to compete for awards, to be nominated for office, or to access portions of the website. This list is certainly not complete,

and there is disagreement among the members of the ad hoc committee about whether some of these options are advisable.

The committee will hold a face to face meeting during JMIH on Friday, August 1 at 5:00 PM in meeting room 18 at the Chattanooga Conference Center. All are invited to attend to discuss these issues further, and to draft a set of recommendations to be brought before the Board of Governors and general membership.

Sincerely,
Brian Sidlauskas
Chair, ASIH Ad Hoc Committee on Membership

44. 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 (25x) 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.

45. Appendix B. Treasurer's Tables

Table 1. ASIH profit & loss (accrual basis) for 2011 and 2012.

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

Table 3. ASIH year-end balance sheets for 2011 and 2012.

Table 4. ASIH accounts and their allocation to ASIH funds as of December 2012 statements.

Table 5. Portfolio detail of the ASIH Wells Fargo Advisors Custom Choice Account on 31 December 2012.

Table 1. ASIH profit and loss on an accrual basis for 1 January to 31 December, 2013 with comparison to 2012.

Income	Jan - Dec 13 unaudited	Jan - Dec 12 audited
Donations		
Fitch Award Fund	60	250
Gaige Award Fund	260	70
Gen Endowment Fund	858	1,085
General Operating Fund	25	0
Gibbs Award Fund	35	100
Raney Award Fund	60	475
Storer Award Fund	1,045	50
Stoye Award Fund	95	475
Clark Hubbs Student Travel Award Fund	3,596	4,255
Total Donations	6,034	6,761
Other and Royalties	388	106
Program Services		
Joint annual meeting: advances/refunds for costs	39,064	0
Memberships & Subscriptions		
Life membership xfer for current dues	0	7,300
Annual Membership	113,490	109,325
Subscriptions	65,175	70,935
Late Fees	0	2,590
Rental of Mailing List	1,486	1,950
Total: Memberships & Subscriptions	180,151	192,100
Publications		
Author billing, page charges	300	0

Special publications sales	1,989	1,798.75	
Total: Publications	2,723		2,137
BioOne revenue share	52,164		49,403
EBSCO revenue share	200		0
JSTOR revenue share and quarterly sales	10,353		10,320
Interest	121		293
Dividends and short term gains	17,685		21,927
Long term capital gains distributions	10,365		5,192
Realized and unrealized gains/losses	34,944		52,149
Total Income		354,191	340,388
Expenses			
Program Services			
Awards	-24,949		-27,893
Annual Meeting			
JMIH costs (deposits, etc.)	-17,346	0	
Abstract submission	-1,000	0	
ASIH President reimbursement	0	0	
Total annual meeting:	-18,346		0
Committee Expenses	0		-37
Publications			
AllenTrack	-3,012	-4,581	
Editorial Offices	-32,606	-34,705	
Copeia printing	-70,946	-83,220	
Copeia online	-14,199	-15,608	
Special publications costs	0	-30	
Total Publications	-120,763		-138,145
Supporting Services			
Allen Press business office	-41,268	-39,009	
Secretary's Office	-38,657	-29,530	
Treasurer's Office	-1,855	-3,289	

Website	-6,674		-3,638	
Dues and subscriptions	-6,240		-4,194	
Annual audit and IRS Form 990 preparation	-9,080		-8,873	
Bank charges and fees	-3,720		-8,736	
Total: Supporting services		-107,493		-97,268
Total Expenses:			-271,550	-263,343
Net Income	82,640		77,045	

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

Description	Rate	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Second member in family	1YR	64	64	43	40	45	38	36	29	32	34
Foreign Honorary Member Print & Online	1YR	26	26	25	25	27	28	30	30	30	32
Life Membership - Old Program, Copeia donated	1YR	1	1	1	2	2	2	2	2	1	
Life Member Print & online - 1st payment	1YR1	3	4	1	1						1
Life Member Print & online - 2nd payment	1YR2	1	3	4	1	1		1			
Life Member Print & online - 3rd payment	1YR3	5	1	3	4	1	1				
Life Member Print & online - 4th payment	1YR4	2	3	2	3	5	1	1			
Life Member Print & Online - New Program	LIFETIME NEW	45	54	58	60	64	68	71	72	68	71
Life Member Print & Online	OLDPROGRAM	136	135	130	128	126	118	116	113	108	104
Life Member Online Only	LIFETIME							2	2	2	1
Life Member Online Only	OLDPROGRAM										4
Post Doc / Temp Job Print & Online	1YR										
Post Doc / Temp Job Online	1YR										1
Regular Member Print & Online	1YR	1674	1542	1407	1345	1091	857	798	700	622	589
Regular Member Online Only	1YR		89	107	118	366	479	472	433	410	456
Staff Membership	1YR									1	2
Student Member Print & Online	1YR	595	613	613	637	221	152	118	98	74	57
Student Member Online Only	1YR					8	295	326	318	272	327
Sustaining Member Print & Online	1YR	38	28	30	26	20	20	15	16	15	12

Sustaining Member Online Only		1YR						3	4	3	2	4	7
	Member Subscriptions:		2590	2563	2424	2390	1980	2063	1991	1815	1639	1698	

Subscriptions

Complementary Subscriptions		9	9	9	8	9	9	7	7	7	7	
Institutional Subscriptions - print and online		877	826	758	689	574	618	417	345	279	237	
Institutional Subscription - online only						61	44	73	91	97	110	
	Subscription total:	886	835	767	697	644	671	497	443	383	354	
	Overall Journal Total:	3476	3398	3191	3087	2624	2734	2488	2258	2022	2052	

Income from online sources of Copeia (includes accounts receivable)

		\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	
BioOne revenue share and article sales		22,949	25,671	26,377	38,898	40,221	48,854	49,528	50,999	49,403	52,164	
	Subscription equivalents (current online subscription rate)	143	160	165	243	251	305	310	319	309	326	
EBSCO												\$
												200
JSTOR revenue share and article sales			\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
			3,688	5,056	7,272	7,187	8,057	9,485	10,103	10,320	10,353	

Table 3. 2013 year end balance sheet (accrual basis) with comparison to previous year.

	31-Dec-13 (unaudited)	31-Dec-12 (audited)
ASSETS		
Current Assets		
Checking/Savings		
US Bank	115,975	176,728
WFA CAP checking	-36,564	-2,815
Total Checking/Savings	79,411	220,677
Total Accounts Receivable	83,375	46,764
Total Current Assets	162,786	220,677
Other Assets		
Annual Meeting Deposits	17,425	17,425
Dividends Receivable	0	557
Prepaid Expenses	0	1,768
WFA Command Asset Prog Acct	525,842	451,709
WFA Managed Investment Acct	758,860	695,347
Total Other Assets	1,302,127	1,166,806
TOTAL ASSETS	1,464,913	1,387,483
LIABILITIES & EQUITY		
Liabilities		
Current Liabilities		
Accounts Payable	40,221	27,325
Deferred Income--Life Membershi	42,367	42,367
Deferred Revenue--Memberships	41,365	51,305
Deferred Revenue--Subscriptions	10,360	18,560
Total Liabilities	134,314	139,557
Equity		
Retained Earnings	756,111	679,066
Opening Balance Equity	491,815	491,815
Net Income	82,673	77,045
Total Equity	1,330,599	1,247,926
TOTAL LIABILITIES & EQUITY	1,464,913	1,387,483

Table 4. ASIH accounts and their allocation to ASIH Funds as of 31 December 2013

ASIH Fund	Cash and Cash Equivalents		Investments	Total
	US Bank	Wells Fargo Advisors	Wells Fargo Advisors	
General Operating	\$ 107,398	\$ 268,904	\$ 229,583	\$ 605,885
Annual Meeting	\$ -	\$ 104,581	\$ -	\$ 104,581
Student Travel	\$ 1,890	\$ 29,143	\$ -	\$ 31,033
Gibbs	\$ 80	\$ 17,336	\$ 115,176	\$ 132,592
General Endowment	\$ 2,607	\$ 32,011	\$ 109,801	\$ 144,419
Stoye	\$ 575	\$ 7,786	\$ 72,177	\$ 80,538
Life Membership	\$ 1,295	\$ 20,578	\$ 59,124	\$ 80,997
Raney	\$ 600	\$ 10,022	\$ 74,481	\$ 85,103
Gaige	\$ 355	\$ 3,725	\$ 62,962	\$ 67,042
Storer	\$ 190	\$ 2,814	\$ 24,571	\$ 27,575
Fitch	\$ 385	\$ 1,035	\$ 19,964	\$ 21,384
Total	\$ 115,375	\$ 497,935	\$ 767,839	\$ 1,381,149

Table 5. Portfolio detail of the Wells Fargo Advisors Managed Investment Account (Fund Source Moderate Growth) on 31 Dec 2013

	Initial Purchase Date	Shares	Cost	Unrealized Gains/(Loss)	Market Value 31 Dec 2013
Equity Investments					
Large Cap Equity					
<i>Large Cap Growth</i>					
Am Cent Growth Fund	10/13/2011	1,219.29300	\$ 31,267	\$ 8,982	\$ 40,249
Dreyfus Appreciation Fund	10/13/2011	909.28900	\$ 37,079	\$ 10,595	\$ 47,674
Wells Fargo Advantage Endeavor Select Fund	10/13/2011	1,703.24500	\$ 16,607	\$ 8,005	\$ 24,612
<i>Large Cap Value</i>					
Dodge & Cox Stock Fund	10/13/2011	241.96600	\$ 24,206	\$ 16,655	\$ 40,861
JP Morgan Intrepid Value Plus Fund	10/13/2011	1,166.83700	\$ 25,180	\$ 15,298	\$ 40,478
Mid Cap Equity					
<i>Mid Cap Growth</i>					
Alger Sm Cap and Mid Cap Growth	10/13/2011	1,250.67900	\$ 19,042	\$ 4,671	\$ 23,713
<i>Mid Cap Blend</i>					
RS Invt Tr Value Fund	10/13/2011	692.32800	\$ 15,626	\$ 8,598	\$ 24,225
Small Cap Equity					
<i>Small Cap Growth</i>					
Pioneer OAD Ridge Sm Cap Growth Fund	10/13/2011	393.41000	\$ 11,240	\$ 4,492	\$ 15,732
<i>Small Cap Value</i>					
Heartland Value Plus Fund	10/13/2011	700.53100	\$ 20,020	\$ 5,024	\$ 25,044
International					
Europacific Growth Fund	9/4/2012	489.36300	\$ 18,618	\$ 5,263	\$ 23,881
Emerging Markets					
Vitus Emerging Mkts Opportunities Fund	10/13/2011	1,539.24200	\$ 14,656	\$ 44	\$ 14,700
Multi-class					
Thornburg Omvt Income Builder Fund	10/13/2011	2,981.27700	\$ 55,062	\$ 7,664	\$ 62,726
Fixed Income Investments					
Intermediate Fixed Income					
Artio Global Total Return Bond Fund	10/13/2011	3,988.18500	\$ 54,709	\$ (3,022)	\$ 51,687

Metropolitan West Total Return Bond Fund	10/13/2011	4,938.43100	\$ 51,522	\$ 579	\$ 52,100
Oppenheimer Senior Floating Rate Fund	9/12/2013	1,771.37700	\$ 14,809	\$ 88	\$ 14,897
Pimco Pacific Invt Total Return Fund	10/13/2011	5,567.66500	\$ 59,902	\$ (383)	\$ 59,518
International/Emerging Markets Debt					
<i>International Fixed Income</i>					
Oppenheimer Intl Bond Fund	10/13/2011	6,133.88800	\$ 39,129	\$ (1,835)	\$ 37,294
<i>Emerging Markets Debt</i>					
Mfs Ser Tr Emerging Markets Debt Fund	10/13/2011	2,568.38000	\$ 39,023	\$ (1,730)	\$ 37,293
Wells Fargo FDS Trust Emerging Market Equity Fund	9/12/2013	1,334.81800	\$ 29,326	\$ 80	\$ 29,406
Other Holdings					
Cash & Cash Equivalents					
Goldman Sachs Tr Finl Sq Treas Instrs Fund	9/12/2013	2,803.46200	\$ 29,358	\$ 527	\$ 1,161
Commodities					
Pimco Pacific Invt Commodity Real Return Strat Fund	10/13/2011	2,597.16400	\$ 18,302	\$ (4,044)	\$ 14,258
REITS and MLPs					
Cohen & Steers Realty Shares	10/13/2011	233.48500	\$ 13,133	\$ 1,534	\$ 14,668
Total			<u>\$ 673,701</u>	<u>\$ 88,669</u>	<u>\$ 733,646</u>

46. Appendix C. Candidate Information for 2014 Elections

SLATE OF CANDIDATES FOR THE GENERAL ELECTION TO BE HELD AT THE ANNUAL BUSINESS MEETING ON 2 AUGUST 2014

PRESIDENT - ELECT

Donnelly, Maureen A. College of Arts & Sciences and Department of Biological Sciences, Florida International University, Miami, FL 33199. Email: maureen.a.donnelly@gmail.com

Research Interests: Ecology and evolution of tropical amphibians and reptiles; conservation of tropical amphibians and reptiles; conservation strategies for sustainable development; citizen science; anthropogenic drivers of amphibian decline; Tepui ecosystems; dendrobatid ecology and evolution; amphibian community structure.

Service to ASIH: Board of Governors (Class of 1993, Class of 1999, officer 2000--present); Chair, Long Range Planning and Policy Committee (1999--2000); Chair, Ad hoc Committee for Planning the Scientific Program - 2000; Chair, Gaige Committee (1995--1996); Chair, Nominating Committee (1993--1994); Chair, Student Awards Committee (1994, 1996); Chair, Ad Hoc Committee on Stoye Award in Ecology & Ethology (1997-1998); Chair and Judge, Stoye Award in General Herpetology (1998, 1998); Judge, Storer Award in Herpetology (1998, 1999, 2005); Judge, Stoye Award in Ecology and Ethology (1992, 1996); Judge, Stoye Award in Genetics, Development and Morphology (1995); Member, Ad Hoc Committee on JMIH (2011--2012); Member, ASIH/HL/SSAR Liaison Committee (1996-2001); Member, Editorial Board (1993--2006); Member, Executive Committee (1999--present); Member, Fitch Award Committee (2000); Member, Honorary Foreign Member in Herpetology (2008, 2013, 2014); Member Gaige Award Committee (1993--1995); Member, Local Committee (1991, on Publications Subcommittee and Housing Subcommittee); Member, Long Range Planning and Policy Committee (2000--current, ex officio); Member, Nominating Committee (1992--1993, 1997--1998); Member, Resolutions Committee (1997); Member, Robert K. Johnson Committee (2004--2005); Member, Web Management and Content Committee (2010--present); Moderator of Contributed Paper Session (1990, 1991, 1996, 1997, 1998, 1998, 2001, 2005, 2008, 2009, 2010, 2011, 2013); Organizer, Symposium for Jay M. Savage (2000); Participant, Workshop Sponsored by Committee on Graduate Student Participation (1996, 1998, 2000, 2003, 2006, 2010, 2011, 2013, 2014); Program Officer (JMIH 2002, 2004--2011, 2013); Secretary (2000--present).

Goals As ASIH President: My most important goal as the ASIH President is to train the new Secretary in their first full year of service! Additionally, I want to maintain continuous service to the ASIH, and build on the momentum generated by former Presidents to improve the quality of our journal *Copeia*, maintain our website presence, expand our use of social media, and try to build up memberships by personally soliciting herpetologists and ichthyologists to return to their ASIH memberships or ask them to support organismal biology by joining the ASIH. I want to find and retain young members and encourage them to support the ASIH through their membership. I want to retain those members that graduate with degrees until they find positions, and then retain those professionals as life members. I want to ensure that we have governing documents and current guidelines to our policies and procedures that allow us to be a nimble not-for-profit organization in these somewhat turbulent times that often demand quick responses. I

recall asking Brooks Burr what it took to be the ASIH Secretary. His response was “it gets busy before the meeting” but I do not believe we could have anticipated what the current job has become today. Issues come up and we require rapid responses. Our large governing body makes several decisions each year and the responses to calls for votes are rapid and thoughtful, which suggest a strong affection for the ASIH. That is the glue that holds us together and draws us to the meeting annually to learn about the creatures we care so much about as part of our professional lives. The ASIH is my main society, and one I have been involved with for years. I caught the ASIH bug from my major professor, and I hope I have inoculated my academic offspring. I believe that ichthyologists and herpetologists bring unique views to science, and our society celebrates those views that stimulate research and knowledge generation. I want to ensure that all committees have representation of diverse views by building committees with energetic members that help us conserve and learn about our focal organisms. I have served the ASIH as Secretary since the La Paz meeting in 2000, and I will bring the many years of experience to serving the society for an additional four years on the Executive Committee beginning as the President-Elect in 2015. That will coincide with my last year of service as the Secretary. It requires that I work with the website (I do that now) and help find judges for the ASIH student competitions (I do much of that preparatory work and can add on contacting potential judges & finding an ichthyological partner to work with in 2015). I will bring my best to the office and work to improve our society.

Vogt, Richard C. Instituto Nacional de Pesquisas da Amazônia, Manaus, Amazonas, Brazil 69083. Email: vogt@inpa.gov.br

Research Interests: Ecology and Conservation of Neotropical Freshwater turtles, particularly the Amazon Basin, evolution of Temperature Controlled Sex Determination in Turtles, Underwater vocal communication in turtles, Post nesting paternal care in turtles. Systematics of Neotropical Turtles, Herpetological Biodiversity in Neotropical rainforests.

Service to ASIH: Meeting co-chair for herpetology 2000, meeting Chair 2003 for the first Joint Meeting in South America. Reviewer for *Copeia* and member since 1975. Organized four ASIH symposia at meetings. Permanent Member of the ASIH Permanent Standing Beer Committee (see *Copeia* 1987(4): 1152 in case you forgot about us).

Academic Credentials: Held academic positions at Carnegie Museum of Natural History and Universidad Nacional Autónoma de México before moving to Brazil in 2000, so have a cosmopolitan aspect as to how I view our members. Speak English, Spanish, and Portuguese. Published over 100 peer reviewed scientific articles and book chapters, as well as 12 books, one of the books has sold over 500,000 copies worldwide in 9 languages. Student Prize for the best paper given at the 1974 meeting of the SSAR and HL. Attended most annual meetings and joint meetings since 1970 and gave an oral paper at all meetings attended since 1974, sometimes 2 or 3! Director of the Sixth World Congress of Herpetology Manaus, Brazil 2008. Has served as Judge and Coordinator for the Section of Ecology and Behavior for The Herpetologists' League E.E. Williams Research Grant 2013.

Presidential Platform: Reorganize the meetings: Save \$35,000 per year for the meeting by no longer running the meeting through Kansas City Convention Center. Yes, that is what they charge us per year!! I have seen the ledgers. I did not use them and got along fine. I also initiated using CDs of abstracts instead of printed one. I also initiated a meeting website and did not mail out printed meeting announcements in 2003, and everyone has followed it since. Save another \$10,000 by disbanding the meeting committee and not sending the new committee to do a site

inspection each year! Ban tickets or limits on beer or soft drinks at meeting events, drink until it is gone, ban lines as well. (Breweries everywhere in the world donate free beer to conventions like ours, it does not cost the meeting very much to provide it for free, and conveniently). I did it in 1987, 2003, and 2008, it worked! Kraig Adler says that the SSAR uses my 1987 meeting in Veracruz as the gold standard of how close a meeting gets to the one I ran there in 1987. Spend \$5000- 10,000 to develop and keep running an interactive website that will be user friendly, not require you to get a new password every time you use it, and easily allows you to navigate in the system and find what you want. Our annual meetings can be run from our website, we do not need to have another organization make money off of us. Let whoever runs the meeting make money from it instead. Reduce bureaucracy; we have too many committees, too many prizes and award committees. Meetings are not fun if you have to spend all the time worrying about committee meetings, reform the entire system such that committee meetings are held within our website by active online participation (SKYPE) of committees during the year, rather than using prime time at meetings. This keeps people involved throughout the year, and not only during the meeting. Pay less for meeting room space by not needing rooms for committee meetings, frees up time at the meeting for participants doing what they came to the meeting for: talk science, renew friendships and find new research collaborations and find students and professors. Go back to a 5-day meeting, if we pay airfares to get someplace, at least let us stay 5 days to get our money out of it. Instead of a banquet, have a less expensive buffet venue; I did this in 1987, 2003 and 2008 it worked! No reason to pay \$65 to eat poached chicken breast and mashed potatoes on china plates served by waiters at each table. The buffet could be served in a shelter house of a public park where we do not have to pay \$5000 to rent the ballroom and pay another \$5,000 for waiters, and drink our own beer for free. I am from the University of Wisconsin where beer was served at the student union for a discount price and it was a \$50 misdemeanor to smoke *Cannabis* in public, but not enforced. I also instigated the bar at the poster sessions, which everyone has followed since, but my bar was free!!! If people cannot enjoy themselves at the meeting and make profitable interchanges with colleagues they will stop coming to the meetings. Why do we need to go to a different place every year, do you like fumbling around for a few days until you understand how to turn a doorknob. Why not pick 6 sites in the USA from different regions, sites that work (i.e., New Orleans, Tucson, Seattle, Minneapolis, Orlando, Philadelphia) and rotate between them and every 7th year have an international meeting outside of the USA or Canada. Reserve the front three rows in meeting rooms for senior members of the society, we do not hear or see or smell so well anymore. Have coffee breaks (with coffee, tea, iced tea and juices), but ban all the junk food and save a lot of money as well as health. Members say they like the free buffet breakfast, but the free buffet breakfast could be deleted along with the \$125 extra that was put on their registration to pay for the free breakfast!! Save money by not giving out free pens and tablets, everyone in the world has their own favorite pen, who uses the trash they give us? Set up a special committee to involve more women actively in the societies' events.

Initiate programs to excite students to come to meetings to interact with renowned scientists who are doing interesting things. As part of this program offer benefits to these professors to come to the meetings. *Copeia* is losing ground to *Herpetologica* and *Journal of Herpetology*; so hire a marketing agent to study what should be done with format or stimulus of inviting authors with provocative ideas to publish in the journal. Fast track solicited articles for instance. Fast track student articles. Offer greater discounts to students willing to participate in helping to run the meeting.

I am 65, now one of the old farts of the ASIH, but I do have new ideas and new visions to get us out of the rut we are in. I have been to at least 40 meetings, so I know what I am talking about. So vote for me to try to give a new vitality to our annual meeting, or vote for who has been stuffing all this same old shit down your throats for the last 15 years so you can have some more of it.

NOMINATING COMMITTEE CHAIR

Theodore W. Pietsch. Professor, School of Aquatic and Fishery Sciences, and Curator of Fishes, Burke Museum of Natural History and Culture, University of Washington, Seattle, Washington 98195. Email: twp@uw.edu

Research Interests: Marine ichthyology, especially the biosystematics, zoogeography, reproductive biology, and behavior of deep-sea fishes.

Service to ASIH: Board of Governors, Class of 1981; Long-Range Planning and Finance Committee, 1977-1981; Resolutions Committee, 1980, 1982; Nominating Committee, 1980-1981; Resolutions Committee, 1981; Board of Governors, Class of 1987; Committee on Honorary Foreign members, 1982-1983; General Ichthyological Editor, *Copeia*, 1986-1991; Nominating Committee, 1991-1992; Robert H. Gibbs Award Committee, 1991-1994; Faculty Representative, Committee on Graduate Student Participation, 1991-1995; Chairperson, Ichthyological and Herpetological Collections and Resources Committee, 1992-1995; Board of Governors, Class of 1998; Chairperson, Robert H. Gibbs Award Committee, 1994; Time, Place, and Program Committee, 1994-present; Committee on Book-length Publications, 1995-1996; President-Elect, 1996; Committee on Special Publications, 1996-1999; Chairperson, Local 67 Committee, 77th Annual Meeting University of Washington, Seattle, Washington, 26 June—July 1997; President, 1997; Life Member, Board of Governors, American Society of Ichthyologists and Herpetologists, 1998–present; Chairperson, Ad Hoc Committee to Revise Meeting Guidelines, 1998-1999; Nominating Committee, 1999; Robert H. Gibbs Award Committee, 2007–2008; Member, Editorial Board, American Society of Ichthyologists and Herpetologists, 2007–2008; Honorary Foreign Member Committee, American Society of Ichthyologists and Herpetologists, 2009–2010; Local Committee, Annual Meeting, Vancouver, British Columbia, 2012.

NOMINATING COMMITTEE – HERPETOLOGY

Doan, Tiffany M. Adjunct Professor, Department of Natural Science, State College of Florida, Manatee-Sarasota, 5840 26th St. West, Bradenton, FL 34207. Email: tiffperu@yahoo.com

Research Interests: Evolutionary biology of reptiles and amphibians; taxonomy; biogeography; ecology of South American herpetofauna.

ASIH Service: Society Member since 1993; Board of Governors 2006-2011; Chairing Judge, General Herpetology Storer Awards 2008 & 2009 Joint Meeting; Chairing Judge, Herpetology Ecology and Ethology Stoye Award 2007 Joint Meeting; Session Moderator 2004, 2006, 2007, & 2009 Joint Meetings; 2011 Panelist, Law and Order in Herpetology: Permits and Regulations for Importation and Exportation, Student Workshop; 2008 Honorary Foreign Member Nominating Committee. **Other service:** Current Co-Editor, Journal of Herpetology.

Leaché, Adam D. Department of Biology & Burke Museum of Natural History and Culture, University of Washington, Seattle, WA 98195. Email: leache@uw.edu

Research Interests: Phylogenetics, species tree estimation, statistical phylogeography, species delimitation, and comparative biology, mostly in lizards. Current projects include diversification analyses of African lizards; application of genome wide SNP data to estimate *Phrynosoma* species trees; phylogenomics of *Sceloporus*; comparative phylogeography of reptiles and amphibians in West and Central Africa.

Service to ASIH: Honorary Foreign Member Committee (2010); Board of Governors; reviewer for *Copeia*.

Van Dyke, James U. University of Sydney, School of Biological Sciences Heydon Laurence BLDG A08 University of Sydney NSW 2006 Australia. Email: james.vandyke@sydney.edu.au

Research Interests: Reproductive biology of vertebrates, primarily reptiles. Ongoing projects include studies of the evolution of viviparity and placentation in squamates; investigations into mechanisms of reproductive nutrient allocation, placental transport of embryonic wastes, and reproductive decision-making; and integrative studies of the effects of coal fly-ash on turtle reproduction and hatchling development. **Service to ASIH:** Stoye Award judge; reviewer for *Copeia*.

NOMINATING COMMITTEE – ICHTHYOLOGY

Smith, W. Leo, Department of Ecology and Evolutionary Biology, University of Kansas, Lawrence KS 66045. Email: leosmith@ku.edu

Research Interests: The higher-level relationships of spiny-rayed fishes and interplay of diversification and character evolution.

Service to ASIH: Board of Governors (*Ex Officio*) 2006-2013; Associate Editor of Genetics, Development, and Morphology (2009-Present); Ichthyological Book Review Editor (2006-2n Editor (2005-Present); Editorial Policy Committee (2005-Present); Raney Award Committee (2007-2009), Chair (2009); Stoye Award Judge 2008; ASIH Standing Committee on the History of the Society (2005-Present); ASIH *Ad-hoc* Committee on *Copeia* (2013-Present); Reviewer for *Copeia*.

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

Research Interest: 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 families Apterontidae and Gymnotidae (Gymnotiformes); studies of higher level phylogenetic relationships within the Characiformes; revisionary studies of the genera *Nannocharax* and *Hemigrammocharax* (Characiformes), projects on some genera of African siluriforms and South American Characiformes and studies of the adductor mandibulae system in Teleosts. **Service to ASIH:** Board of Governors 1980-1985; Stoye Award judge; reviewer for *Copeia*; Editorial Board of *Copeia* (2000-present); Nominating Committee (2009-2011); Chair of Nominating Committee (2010-2011); Gibbs Award Committee (2012-present); Chair of Gibbs Award Committee

(2014).

ASSOCIATE EDITOR – GENERAL ICHTHYOLOGY

Near, Thomas J. Department of Ecology & Evolutionary Biology and Peabody Museum of Natural History, Yale University, New Haven, CT 06520. Email: thomas.near@yale.edu.

Research Interests: Phylogenetics and evolutionary biology of ray-finned fishes.

Service to ASIH: Storer Award Committee, Stoye Award Committee, *Copeia* reviewer, and *Copeia* associate editor (2013-present).

BOARD OF GOVERNORS – ICHTHYOLOGY

Cole, Kathleen S. Department of Zoology, University of Hawaii at Manoa, 2538 McCarthy Mall, Edmondson 416, Honolulu, HI 96822. Email: colek@hawaii.edu

Research Interests: Phylogenetic relationships in bony fishes, diversity and evolution of reproductive modes in marine fishes, evolution of hermaphroditic sexual patterns, gobioid evolution and biology, morphogenesis in bony fishes and epigenetics. Current projects include gonad development in hermaphroditic and gonochoric fishes, gene expression associated with changes in sexual phenotype, effects of microgravity on fish development, and effects of exposure to increased temperatures consistent with predicted climate change on somatic and sexual phenotype in bony fishes.

Service to ASIH: Robert K. Johnson Award Committee (2014-16); Ad Hoc Committee on *Copeia* (2013-present); Development Subcommittee of the Endowment and Finance Committee (2013-present); Board of Governors, 2002-2007; 2008-13; Long Range Planning and Policy Committee, 1998-2004; Program Planning Committee, 1999-2003; Nominating Committee, Chair, 2002-2003; Nominating Committee, 2001-2003; Student Award Committee (serving as a judge for poster and paper competitions), frequently over last 20 years; Symposium Co-Organizer, 1996 and 2006.

George, Anna L. Tennessee Aquarium Conservation Institute, Chattanooga, TN 37402. Email: alg@tnaqua.org

Research Interests: Conservation and reintroduction of imperiled southeastern fishes, particularly Acipenseridae, Cyprinidae, Salmonidae, and Percidae. Systematics and conservation genetics within Cyprinidae and Percidae. Watershed restoration and conservation planning. Environmental education and outreach on freshwater biodiversity and habitats.

Service to ASIH: JMIH Meeting Local Host (2014); Environmental Quality Committee (2005-present); Raney Award Committee (2008-2010); reviewer for *Copeia*.

Harris, Phillip, M. The University of Alabama, Tuscaloosa, AL 35487. Email: pharris@bama.ua.edu

Research Interests: Systematics and phylogeny of cypriniform fishes; evolutionary development in cypriniform and cyprinodontiform fishes; phylogenomics/transcriptomics; museum and curatorial practices. Ongoing projects include fossil-calibrated phylogeny of family Catostomidae; comparative genomics/transcriptomics of atheriniform fishes; developmental-event analysis in family Fundulidae; incorporation of Geologic Survey of Alabama fish

collection and ecological records into The University of Alabama Ichthyological Collection and associated Specify database.

Service to ASIH: Board of Governors 2007-2012; Student Award Judge, Oral Presentations: Conservation (2006), General Ichthyology (2007).

Hilton, Eric J. Department of Fisheries Science, Virginia Institute of Marine Science, College of William & Mary, Gloucester Point, VA, 23069. Email: ehilton@vims.edu

Research Interests: Comparative anatomy, ontogeny, systematics, and evolution of actinopterygian fishes. Ongoing projects include phylogenetic, morphological, and taxonomic studies of Acipenseridae and Zoarcoidei (current focus on Bathymasteridae, Anarhichadidae, Stichaeidae, and Pholidae). Student and postdoc projects in my lab include comparative development of jaw musculature in basal actinopterygian fishes, systematics of Merlucciidae and other Gadiformes, revision of taeniosomous Lampridiformes, and ontogenetic ecomorphology of Sciaenidae. Other interests and ongoing research programs include: stock structure and management of American shad and river herring (*Alosa* spp.) in Virginia; ingress patterns and community structure of larval fishes in Chesapeake Bay; behavior and habitat use of Atlantic sturgeon (*Acipenser oxyrinchus*) in Chesapeake Bay using acoustic telemetry; and the history of ichthyology.

Service to ASIH: Editorial Board (2001-2008); Stoye Award judge (2008, 2009, 2013); Storer Award judge (2005, 2007, 2010); Board of Governors (2009-2013); Robert H. Gibbs Award committee (2011-2013); ASIH Centennial Committee, Chair (2013-present).

Kenaley, Christopher P. Museum of Comparative Zoology, Department of Organismic and Evolutionary Biology, Harvard University, Cambridge, MA 02134.

Email: ckenaley@fas.harvard.edu

Research Interests: Systematics, phylogeny, morphology, molecular evolution, biomechanics, and ecology of oceanic and deep-sea fishes. Current projects include computational and robotic models of feeding systems in fishes, neuronal circuitry of bioluminescence, revisionary systematics of the family Stomiidae, neuroanatomical studies of basal euteleosts, visual pigment evolution of meso- and bathypelagic teleosts, development of biomimetic suction devices inspired by fishes, performance response to climate change in 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*, Stoye Award judge.

López-Fernández, Hernán. Division of Fishes, Department of Natural History, Royal Ontario Museum, 100 Queens Park, Toronto, ON M5S 2C6, Canada.

Email: hlopez_fernandez@yahoo.com.

Research Interests: Systematics, evolutionary ecology and historical biogeography of Neotropical freshwater fishes, with emphasis on the family Cichlidae. Ongoing projects include development of phylogenomic hypotheses of cichlid interrelationships, study of ancient continental adaptive radiations of Neotropical fishes, rates and patterns of lineage end phenotypic diversification, associations between morphology and ecological performance in cichlids and loricariids, and surveys of the fish diversity of the Guianas. **Service to ASIH:**

Reviewer for *Copeia*.

Maslenikov, Katherine P. University of Washington Fish Collection, School of Aquatic and Fishery Sciences and Burke Museum of Natural History and Culture, Box 355100, Seattle, WA 98195. Email: pearsonk@uw.edu

Research Interests: Building and curating the University of Washington's Fish Collection and supporting the ichthyology community through access to the UW's specimens, tissues, and data. Providing greater access to specimen data through partnerships with bioinformatics initiatives (GBIF, VertNet, OBIS, etc.). Community outreach and education, partnering with local STEM programs to reach K-12 audience. Systematics, taxonomy, biogeography of the ichthyofauna of the eastern North Pacific. Ongoing projects with the family Liparidae as well as projects documenting species distributions. **Service to ASIH:** Collections Committee (2002-present).

Singer, Randal A. University of Alabama Ichthyology Collection (UAIC), Department of Biological Sciences, Mary Harmon Bryant Hall Tuscaloosa, AL 35487. Email: randal.a.singer@as.ua.edu

Research Interests: Taxonomy and Systematics of southeast Asian loaches of the family Nemacheilidae, specifically the genera *Schistura*, *Acanthocobitis* and *Paracanthocobitis* with an emphasis on morphology. Additional interest in morphology of fishes across multiple families, specifically those found in deep-sea ecosystems. Ongoing projects include museum practices and techniques research, including rehydration of desiccated fluid-preserved museum specimens, and optimal preservation techniques and a revision of the loach genus *Acanthocobitis*.

Service to ASIH: ASIH Collections Committee 2011- Present; ASIH Collections Committee, Policies and Practices subcommittee 2012-present.

Smith, W. Leo, Department of Ecology and Evolutionary Biology, University of Kansas, Lawrence KS 66045. Email: leosmith@ku.edu

Research Interests: The higher-level relationships of spiny-rayed fishes and interplay of diversification and character evolution.

Service to ASIH: Board of Governors (*Ex Officio*) 2006-2013; Associate Editor of Genetics, Development, and Morphology (2009-Present); Ichthyological Book Review Editor (2006-2009); Illustration Editor (2005-Present); Editorial Policy Committee (2005-Present); Raney Award Committee (2007-2009), Chair (2009); Stoye Award Judge 2008; ASIH Standing Committee on the History of the Society (2005-Present); ASIH *Ad-hoc* Committee on *Copeia* (2013-Present); Reviewer for *Copeia*.

Tang, Kevin L., Department of Biology, University of Michigan-Flint, Flint, MI 48502. Email: kltang@umflint.edu

Research interests: Systematics and phylogeny of fishes. Current projects include resolving the phylogenetic relationships of Cypriniformes, Embiotocidae, Ophidiidae, and Pomacentridae, with the goal of revising the classification to match the phylogeny.

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

BOARD OF GOVERNORS - HERPETOLOGY

Feldman, Chris R. Department of Biology and UNR Museum of Natural History, University of Nevada, Reno, NV 89557. Email: ophis@unr.edu

Research Interests: Ecology and evolution of the predator-prey arms race between Pacific newts (*Taricha*) and garter snakes (*Thamnophis*), with a focus on the evolutionary genetics of the system. Macroecology and biogeography of reptiles. Phylogenetics and character evolution in various reptiles clades. Phylogeography and Speciation in squamates of Western Northern America. Conservation biology of squamates of Western Northern America.
Service to ASIH: Local Host for 2015 Joint Meeting of Ichthyologists and Herpetologists; organizer ASIH chemical ecology symposium for 2015 Joint Meeting of Ichthyologists and Herpetologists; Reviewer for *Copeia*, 2008 -.

Gibbs, H. Lisle. Department of Evolution, Ecology and Organismal Biology, Ohio State University OH 43210-1293 Email: gibbs.128@osu.edu

Research Interests: Phylogeography, conservation genetics and venom evolution in pitvipers including *Sistrurus* and *Crotalus* rattlesnakes and *Bothrops* sp. Evolutionary genetics and ecology of unisexual *Ambystoma* salamanders. Ongoing involvement in herp conservation through role as Director of Ohio Biodiversity Conservation Partnership at Ohio State.

Service to ASIH: Past reviewer for *Copeia*.

Hickerson, Cari-Ann M. Department of Biology, John Carroll University, University Heights, OH 44118. Email: chickerson@jcu.edu

Research Interests: I am a behavioral ecologist primarily interested in interactions that occur among temperate forest-floor predators (Plethodontid salamanders and invertebrates). I use a combination of field and laboratory studies to examine territoriality, aggression, foraging behavior and food web dynamics among predators. I am also interested in understanding the mechanisms involved in maintaining color polymorphism in red-backed salamanders, *Plethodon cinereus*. Students in the Anthony/Hickerson lab study the potential for ecological separation in polymorphic populations of red-backed salamanders in northern Ohio.

Societal service: Organized 2009 & 2010 SSAR silent auction and travel awards, reviewer for *Copeia* 2009, reviewer for *J. Herpetology* 2010.

Parker, M. Rockwell. Department of Biology, Washington and Lee University, Lexington, VA 24450. Email: rparker@monell.org and mrparke007@hotmail.com

Research Interests: Reproductive physiology, behavior and chemical ecology of snakes, including rattlesnakes (*Crotalus oreganus*, *Crotalus horridus*), garter snakes (*Thamnophis* spp.) and invasive species (*Boiga irregularis*, *Python bivittatus*). I pair classic behavioral assays and experimental endocrinology methods with analytical chemistry techniques (chromatography, GC-MS) to determine the role that sex hormones play in regulating chemical communication. I have recently gained expertise in molecular techniques (qPCR, western blot, immunohistochemistry) that I will incorporate into my future research projects to understand the mechanisms of pheromone expression in squamates.

Service to ASIH: Graduate Student Committee 2005-2008, Chair 2006-2007; ad-hoc reviewer for *Copeia* 2006-2008; meeting workshop coordinator 2006, 2007; Resolutions Committee 2008; Local Host 2009.

Richards-Zawacki, Corinne L. Department of Ecology and Evolutionary Biology, Tulane University, New Orleans, LA 70118. Email: cori@tulane.edu

Research Interests: Evolutionary ecology, speciation, sexual selection, disease ecology and conservation of amphibians. The questions I ask address (1) the effects of landscape, geographic history and climate change on patterns of variation, (2) the tempo and mode by which reproductive barriers evolve, (3) the contributions of selection and genetic drift to the evolution of phenotypes, and (4) the role of environmental and phenotypic heterogeneity in shaping outcomes of host-pathogen interactions. My projects tend to be focused geographically in Panama and the Southeastern US.

Service to ASIH: None to date. For other societies: reviewer for *Herpetologica*, *J. Herpetology* and *Herpetological Review*. Judge for the Herpetologist's League E.E. Williams Research Grant.

Rovito, Sean M. Laboratorio Nacional de Genómica para la Biodiversidad (LANGEBIO), CINVESTAV, Irapuato, Guanajuato, Mexico. Email: smrovito@gmail.com

Research Interests: Systematics, diversification, and speciation of Neotropical Plethodontid salamanders. I am using both traditional and next-generation sequencing methods to estimate phylogenetic relationships between neotropical salamanders and to understand the processes that have given rise to current patterns of species diversity. I am also focused on using morphological and molecular data to describe new species of salamanders from Mexico and Central America.

Service to ASIH: None to date. Judge for the Herpetologists' League Jones-Lovich Grant in Southwestern Herpetology 2011-2014.

Ruane, Sara. American Museum of Natural History, Department of Herpetology, Central Park West at 79th St., NY, New York 10024. Email: sruane@amnh.org

Research Interests: Systematics and evolution of reptiles, especially snakes, with a focus on phylogeography and speciation processes. I am currently using a combination of next-generation sequence data as well as a traditional multi-locus approach to determine the systematics of the Malagasy Pseudoxyrhophiine radiation. This work aims to estimate a robust species tree for the group and includes an examination of biogeography, pattern and process of speciation, as well as determining cryptic diversity within the group. Additional collaborations include niche modeling and examination of squamate community assemblages.

Service to ASIH: Current member of ASIH and looking forward to contributing more!

Todd, Brian D. Department of Wildlife, Fish, and Conservation Biology, University of California, Davis, Davis, CA 95615. btodd@ucdavis.edu

Research Interests: Ecology, conservation, and management of North American reptiles and amphibians. Current projects include the ecology and conservation of Mojave desert tortoises (*Gopherus agassizii*) with studies on mitigation tools prescribed to promote recovery of the species; research on the invasion ecology of North American watersnakes (genus *Nerodia*) outside their native range and potential impacts to native species.

Service to ASIH: Reviewer for *Copeia*.

Westphal, Michael F. U.S. Bureau of Land Management, Hollister Field Office, Hollister, California 95023. Email: mwestpha@blm.gov

Research Interests: Evolutionary genetics of squamate color patterns and conservation genetics of reptiles and amphibians. I am co-PI on several landscape genetic projects for desert reptiles of the San Joaquin Valley desert ecosystem including *Gambelia sila*, *Xantusia vigilis*, *Arizona*

elegans, and *Masticophis flagellum*. I also study the evolution and ecology of the live-bearing surfperch of the family Embiotocidae.

Service to ASIH: No formal service yet. Service to herpetological community includes reviewer for *Herpetologica*, *Herpetological Review*, and *Herpetological Conservation and Biology* as well as reviews for numerous other journals where the study organisms are reptiles, amphibians and fish.

Wogan, Guinevere O. U. Museum of Vertebrate Zoology, University of California Berkeley CA 94720. Email: gwogan@berkeley.edu

Research Interests: I research how environmental heterogeneity and spatio-temporal change in climate, habitats, and landscape features influences population structure and diversification. For this research I use a combination of genetic/genomic data, classic population genetics and phylogenetic techniques as well as distribution modeling, and landscape genetics. I primarily study SE Asian herps (frogs in particular), but also have several projects focused in the western US focused on varied topics such as ecological speciation, island biogeography, and phylogeography.

Service to ASIH: Reviewer for *Copeia*.

RE-ELECTION OF INCUMBENT OFFICERS 2014

**The following officers agree to serve the ASIH and must be elected for 2014.
Please cast your vote for the incumbent officers.**

_____ Maureen A. Donnelly – Secretary

_____ F. Douglas Martin –Treasurer

_____ Christopher Beachy – Editor

_____ Wm. Leo Smith – Figure Editor

_____ Donald G. Buth – General Ichthyology Associate Editor

_____ Roberto Reis – General Ichthyology Associate Editor

_____ Michael J. Lannoo – General Herpetology Associate Editor

_____ Jacob Kerby – General Herpetology Associate Editor

_____ Wm. Leo Smith – Genetics, Development & Morphology Associate Editor

_____ Dustin Siegel – Genetics, Development & Morphology Associate Editor

_____ Jacqueline Litzgus – Ecology & Ethology Associate Editor

_____ Jacob Schaefer – Ecology & Ethology Associate Editor

_____ Joel Snodgrass – Ecology & Ethology Associate Editor

_____ Karen Martin – Physiology & Physiological Ecology Associate Editor

_____ Jay W. Orr – Index Co-Associate Editor

_____ Cynthia Klepadlo – Index Co-Associate Editor

_____ Prosanta Chakrabarty - Book Review Editor - Ichthyology

_____ Robert Espinoza - Book Review Editor - Herpetology

SLATE OF CANDIDATES FOR THE BOARD OF GOVERNORS ELECTION TO BE HELD ON 30 JULY 2014.

ROBERT H. GIBBS, JR. MEMORIAL AWARD COMMITTEE

Baldwin, Carole C., Division of Fishes, National Museum of Natural History, Smithsonian Institution, Washington DC 20560. Email: BALDWINC@si.edu

Research Interests: Systematic ichthyology, especially diversity and evolutionary history of tropical-marine and deep-reef fishes. Ongoing projects include exploration of deep-reef fishes in the southern Caribbean, investigation of the phylogenetic significance of color patterns in marine teleost larvae, re-analyzing species diversity of Caribbean shorefishes using a combined molecular/morphological approach, and reconstructing species-level phylogenies of several New World reef-fish taxa.

Service to ASIH: Member since 1983; Editorial Board for *Copeia* 1997-2000; Nominating Committee, 1994-1995; Stoye Award Judge for General Ichthyology, Los Angeles 1995, Seattle 1997 (Committee Chair), State College 1999; Mentor in Equal Participation Program, ASIH meeting in La Paz 2000; Stoye Award Judge for Genetics Development and Morphology, ASIH, meeting at State College, 2001; ASIH Representative to BioOne (2013-present); AFS-ASIH Committee on Common and Scientific Names of Fishes (2013-present); Board of Governors (2014-present); manuscript and book reviewer for *Copeia*.

Lundberg, John G. Academy of Natural Sciences, 1900 Ben Franklin Pkwy., Philadelphia, PA 19103. Email: jg143@drexel.edu

Research interest: Evolution and systematics of fishes with special focus on catfishes and electric knife fishes. Biogeography of especially of the Americas, paleontology, morphology.

Service to ASIH: President, 2008-2010; Executive Committee; Prior terms and now permanent member of Board of Governors; 2009-present, Website Content and Management Committee; Twice served on Nominating Committee; Honorary Foreign Member, Ichthyology.

Smith-Vaniz, William F. Florida Museum of Natural History, University of Florida, Dickinson Hall, Museum Road and Newell Drive, Gainesville, FL 32611-7800. Email: smithvaniz@gmail.com

Research Interest: Systematics, zoogeography and phylogeny of marine fishes, with primary focus of Indo-Pacific reef fishes; Conservation of marine fishes; and History of ichthyology. Ongoing studies of Carangidae phylogeny, including descriptions of new genera and species; revisionary studies of the jawfish genera *Opistognathus*, *Lonchopisthus*, and *Stalix*; Descriptions of new species of saber-tooth blennies (tribe Nemophini); annotated checklist of fishes of St. Croix, U.S. Virgin Is.

Service to ASIH: Board of Governors (1977-1981; 1984-1988); Editorial Board (1978-1984); Nomenclature Committee (1983-1989); Chairman Ichthyology Honorary Foreign Member Committee (1994).

JOSEPH S. NELSON AWARD COMMITTEE

Berra, Tim M., Dept. of Evolution, Ecology & Organismal Biology, The Ohio State University, 1760 University Dr., Mansfield, Ohio 44906 USA. Email: berra.1@osu.edu

Research Interest: Ecology, systematics, evolution, biogeography of fishes, especially freshwater and Australian fishes and sharks. The Life of Charles Darwin.

Service to ASIH: Editorial Board, Jan. 1974-Dec. 1978, Chairman, Committee on History of Society 1977-1983, Board of Governors 1989-1993. Ex-officio 1993-2000. Member 2010-2014, Ichthyology Book Review Editor 1993 – 2000, Storer Award Judge - Ichthyology – 1996, Chairman, Honorary Foreign Member Committee - Ichthyology – 1997, Chairman, Committee on Special Publications 1999, Nominating Committee, 2008, Chair 2009.

Page, Larry M. Curator of Fishes, Florida Museum of Natural History, Dickinson Hall, Museum Road and Newell Drive, Gainesville, FL 32611-7800. Email: lpage1@ufl.edu

Research interest: Systematics, evolution, and ecology of freshwater fishes; digitization of natural history collections data; protection of aquatic natural areas. Current primary research emphasis is on diversity and phylogenetic relationships of Southeast Asian freshwater fishes.

Service to ASIH: President 2003; Treasurer 1992-2000; Executive Committee 1992-2005; Board of Governors 1986-present; Chair, Local Meeting Committee 1992; Editorial Board 1984-1992; Representative to ASC/NSCA 1993-present; Robert H. Gibbs Memorial Award Committee 2003-2005 (Chair 2005); Web Content & Management Committee 2004; Robert K. Johnson Award Committee 2004 (Chair, 2004); Nominating Committee 2005-2007 (Chair, 2007); Names of Fishes Committee 2009-present (Chair, 2011-present).

Smith, Gerald, R., Museum of Zoology, Department of Ecology and Evolutionary Biology, University of Michigan, Ann Arbor, MI 48109. Email: grsmith@umich.edu

Research Interest: Distribution, paleontology, and evolution of North American late Cenozoic freshwater fishes. Systematics and phylogeny of Catostomidae, Cyprinidae, Salmonidae.

Ongoing projects include descriptions of Miocene to recent geologic history and lineages of fishes of the Great Basin, Colorado River basin, Snake River Plain, and Columbia drainage.

Service to ASIH: Board of Governors; Stoye Award judge; Ichthyological Editor of *Copeia*; Genetics and Development Editor of *Copeia*; reviewer for *Copeia*; host of 1988 joint meetings; president, 1990.

HENRY S. FITCH AWARD COMMITTEE

Aldridge, Robert D., Biology Department, Saint Louis University, MO. Email:

aldridge@slu.edu **Research Interests:** Reproductive biology of snakes. Pheromone production, seasonal cycles of vitellogenesis and spermatogenesis, evolution of reproductive cycles in squamates.

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

Campbell, Jonathan A. Department of Biology, University of Texas at Arlington, Arlington, TX 76019. Email: campbell@uta.edu

Research Interests: Systematics and biogeography of Neotropical amphibians and reptiles; biology of pit vipers; ongoing projects include monographs on the herpetofauna of Mexico and Guatemala.

Service to ASIH: Reviewer for *Copeia*.

Gibbons, J. Whitfield, University of Georgia, Savannah River Ecology Lab, Drawer E, Aiken, SC 29802 Email: wgibbons@uga.edu

Research Interests: My research interests focus on the population dynamics and ecology of aquatic and semi-aquatic vertebrates and have involved detailed population studies of fish, amphibians, and reptiles, particularly turtles. One objective has been to determine functional relationships between population parameters (e.g., survivorship, reproductive output, dispersal rate) and environmental conditions. A special emphasis has been on documenting and explaining the distribution and abundance patterns of herpetofauna. The ultimate goals have been to explain findings at the ecological and evolutionary levels and to apply basic research findings to environmental impact and conservation issues, particularly in regard to natural and degraded wetlands.

Service to ASIH: Reviewer for *Copeia* (30+ manuscripts; 1969-2009), Secretary/Treasurer of Southeastern Division of ASIH (1972), Vice President of Southeastern Division of ASIH (1973), President of Southeastern Division of ASIH (1974, 1975), Book Review Editor—Herpetology -- *Copeia* (1993-1997), ASIH Board of Governors (1993-97), Henry S. Fitch Award Committee (2009-2010), Henry S. Fitch Award Committee Chair (2011).

ROBERT K. JOHNSON AWARD COMMITTEE

Beaupre, Steven J. University of Arkansas, Department of Biological Sciences, 601 Science-Engineering Building, Fayetteville, AR 72701. Email: sbeaupre@uark.edu

Research Interests: The goal of my research is to understand various mechanisms that influence the distribution and abundance of terrestrial vertebrate ectotherms. Specifically, I have been interested in how environmental variation (temperature and food abundance) interacts with time budgets and physiological processes of ectotherms to affect their allocations to growth and reproduction. Thermal effects impinge on the allocation of energy and resources to the competing functions of maintenance, growth, reproduction, and storage which in turn, produce variation in population level processes. My favored approach to these problems is to use comparative bioenergetics to learn about constraints and trade-offs that operate on the physiological performance of individuals. In addition, my interests have expanded to address the use of individual-based physiologically structured simulations of growth, reproduction and population dynamics for predicting the responses of populations to environmental change, implications of bioenergetics for conservation, and mining the Timber Rattlesnake genome.

Service to ASIH: Board of Governors, 1998 – 2005, Re-elected 2006 – Present. Associate Editor, *Copeia*. *Physiology and Physiological Ecology*. Sp. 2002 – 2005. Editorial Policy Committee: 2002-2005. Herpetological Animal Care and Use Committee - Chair, 1999 - 2004. Fitch Award Committee, Chair, 2002. Chairman Stoye and Storer Awards Committee, Annual Meeting, New Orleans, LA 2006. Annual Meeting, Guelph, Ontario 1998. Student Competition Judge, Stoye Award Competition. Annual meetings 1996, 1997, 2005. Resolutions Committee, Chair, Annual Meeting, La Paz, B.C.S. Mexico 2000. Discussion Panel Member, Graduate

student workshop on teaching and course design. Annual meeting, New Orleans, LA. 2006.
Chair, Honorary Foreign Member Committee 2010; Co-Chair, Student Awards Committee 2011,
President Elect 2011, ASIH President 2012, Past President 2013, Prior-Past President 2014.
Executive Committee 2011-2014. WCMC Chair, 2013-2014. Audit Committee 2014.

Brown, Rafe M., aka "Hommie". Biodiversity Institute and Department of Ecology and
Evolutionary Biology, University of Kansas, Lawrence, KS 66044. Email: rafe@ku.edu

Research Interests: Evolutionary processes of vertebrate diversification in island archipelagos
of Southeast Asia and the southwest Pacific; systematic herpetology and comparative
biogeography; amphibian conservation and biodiversity in the Philippines. I use genetic data,
phylogenies, population genetic studies, and information from species distribution to test
hypotheses related to the mechanisms and timing of colonization, diversification, and assembly
of island faunas. As a museum curator and systematic herpetologist, I maintain a commitment to
taxonomic studies, faunistic works, and applied management efforts such as conservation
genetics, molecular trade forensics, monitoring emergence of infectious disease in amphibians,
and the continual updating of amphibian species' conservation status assessments.

Service to ASIH: Ad-hoc Publications Committee for *Copeia* format negotiations with Allen
Press (2008); Reviewer for *Copeia* -1999–2013.

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

Research Interests: Environmental physiology of reptiles, including endocrine, sensory, and
neural regulation of reproduction and spatial navigation; eco-immunology; endocrinology of
human-wildlife interactions.

Service to ASIH: Chair of Stoye Award Committee (2014), Board of Governors (2009-2014),
Chair of Resolutions Committee (2012), Nominating Committee (2011-12), Gaige Award
Committee (2009-11), Stoye Award Judge (2008, 2012).



Extension to Allen Press
AllenTrack Agreement
between ALLEN PRESS, INC. and
AMERICAN SOCIETY OF ICHTHYOLOGISTS
AND HERPETOLOGISTS

Addendum made this 4th day of November, 2013, to the AllenTrack Agreement between Allen Press, Inc. (Company) and American Society of Ichthyologists and Herpetologists (Customer) that was executed on November 14, 2005.

1. Applicability

This Extension, duly executed by the undersigned parties, is incorporated into and made an integral part of the AllenTrack Agreement. The AllenTrack Agreement as amended by this Agreement is acceptable and binding to both parties. Any and all inconsistencies between the AllenTrack Agreement and this Agreement shall be resolved in favor of this Agreement. In consideration of the mutual promises contained herein, as well as for good and valuable consideration, Customer and Company mutually agree as follows:

2. The AllenTrack Agreement is amended by the addition of the following:

The parties agree to addend specified sections of this agreement as follows:

Usage:

The Provider will extend the Customer a limited right to use the Software for a three-year period starting on 1/1/2014 and ending on 12/31/2016 for *Copeia*.

Terms & Payment:

For calendar year 2014, manuscript charges and maintenance fees will remain the same.

For calendar year 2015, manuscript charges and maintenance fees will be increased by 2%.

For calendar year 2016, manuscript charges and maintenance fees will be increased by 3%.

Net due 30 days.

IN WITNESS WHEREOF, the parties have executed this Agreement as of November 4, 2013.

For Allen Press, Inc.:

For American Society of Ichthyologists and
Herpetologists:

X

Gerald Lillian
CEO

X 

William Matthews
ASIH President

Allen Press

Investment Policy Statement

For

*American Society of Ichthyologists
and Herpetologists*

June 3 , 2013

Table of Contents

EXECUTIVE SUMMARY5

PURPOSE OF THIS INVESTMENT POLICY STATEMENT.....5

DEFINITIONS.....6

AUTHORITY AND RESPONSIBILITIES6

DELEGATION OF AUTHORITY..... 6

RESPONSIBILITY OF THE INVESTMENT CONSULTANT(S) 7

RESPONSIBILITY OF THE INVESTMENT MANAGERS 8

GENERAL INVESTMENT PRINCIPLES8

GOAL OF ENDOWMENT9

**ATTITUDE TOWARD GIVING TO ENDOWMENT AND SPENDING
 FROM ENDOWMENT9**

GOALS OF INVESTMENT MANAGERS:9

LIQUIDITY10

SPENDING POLICY10

ASSET GUIDELINES10

ALLOWABLE ASSETS 10

PROHIBITED ASSETS..... 11

PROHIBITED TRANSACTIONS 11

ASSET ALLOCATION GUIDELINES.....	12
DIVERSIFICATION FOR INVESTMENT MANAGERS.....	12
GUIDELINES FOR FIXED INCOME ASSETS AND CASH EQUIVALENTS	12
PERFORMANCE REVIEW AND EVALUATION.....	13
INVESTMENT POLICY REVIEW	13

CLIENT INFORMATION (As of June, 2013)

Client Name:	American Society of Ichthyologists and Herpetologists (ASIH)
Treasurer:	F. Douglas Martin
Address:	1609 Lions Den
City, State ZIP:	Leander, TX 78641
Day Phone:	512-239-8535
Evening Phone:	Same
FAX:	
Committee Chair:	David Cundall
Address:	Biological Sciences Lehigh University Williams Annex
City, State ZIP:	Bethlehem, PA 18015-3126
Day Phone:	610-758-3679
Evening Phone:	610-861-6883
FAX:	610-758-3677

EXECUTIVE SUMMARY

Type of Plan	Endowment
Current Assets:	About \$700,000
Time Horizon:	5-10 Years
Expected Return:	4% annual return or greater
Risk Tolerance:	Moderate
Spending Policy:	2-4% of Trailing 3 Years Average Market Value

Asset Allocation

	<u>Lower Limit</u>	<u>Strategic Allocation</u>	<u>Upper Limit</u>
Equities	0%	50%	100%
Fixed Income	0%	49%	100%
Cash & Equivalents	0%	1%	100%

PURPOSE OF THIS INVESTMENT POLICY STATEMENT

This statement of investment policy is set forth by the Endowment and Finance Committee of the ASIH in order to:

1. Define and assign the responsibilities of all involved parties.
2. Outline the Fund's purpose, the investment objectives of Fund assets, and spending policy of the Fund.
3. Provide guidance on selection of Investment Managers who invest Fund assets.
4. Establish a basis for evaluating investment results.
5. Manage Fund assets according to prudent standards as established in common trust law.
6. Establish the relevant investment horizon for which the Fund assets will be managed.

In general, the purpose of this statement is to outline a philosophy and attitude which will guide the investment management of the assets toward the desired results. It is intended to be sufficiently specific to be meaningful, yet flexible enough to be practical.

DEFINITIONS

1. "Fund" shall mean the ASIH Endowments. These comprise the General Endowment, awards funds, and the reserves of the General Operating Fund, which are commingled in the accounts held by Wells Fargo Advisors, LLC.
2. "ENFC" shall refer to the ASIH Endowment and Finance Committee, which is empowered by the governing board of the ASIH to administer the Fund.
3. "Fiduciary" shall mean any individual or group of individuals that exercise discretionary authority or control over fund management or any authority or control over management, disposition or administration of the Fund assets.
4. "Investment Manager" shall mean any individual, or group of individuals, employed to manage the investments of all or part of the Fund assets.
5. "Investment Management Consultant" shall mean any individual or organization employed to provide advisory services, including advice on investment objectives and/or asset allocation, manager search, and performance monitoring.
6. "Securities" shall refer to the marketable investment securities which are defined as acceptable in this statement.
7. "Investment Horizon" shall be the time period over which the investment objectives, as set forth in this statement, are expected to be met. The investment horizon for this Fund is 5-10 years.
8. "Risk" is defined for the purpose of this statement as high volatility (fluctuation) of investment returns.

AUTHORITY AND RESPONSIBILITIES

DELEGATION OF AUTHORITY

The ENFC of the ASIH is a fiduciary, and is responsible for directing and monitoring the investment management of Fund assets. As such, the ENFC is authorized to delegate certain responsibilities to professional experts in various fields. These include, but are not limited to:

1. Investment Management Consultant. The consultant may assist the ENFC in: establishing investment policy, objectives, and guidelines; selecting investment managers; reviewing such managers over time; measuring and evaluating investment performance; and other tasks as deemed appropriate.
2. Investment Manager. The investment manager has discretion to purchase, sell, or hold the specific securities that will be used to meet the Fund's investment objectives.
3. Custodian. The custodian will physically (or through agreement with a sub-custodian) maintain possession of securities owned by the Fund, collect dividend and interest payments, redeem maturing securities, and effect receipt and delivery following purchases and sales. The custodian may also perform regular accounting of all assets owned, purchased, or sold, as well as movement of assets into and out of the Fund accounts.
4. Additional specialists such as attorneys, auditors, actuaries, retirement plan consultants, and others may be employed by the ENFC to assist in meeting its responsibilities and obligations to administer Fund assets prudently.

The ENFC will not reserve any control over investment decisions, with the exception of specific limitations described in these statements. Managers will be held responsible and accountable to achieve the objectives herein stated. While it is not believed that the limitations will hamper investment managers, each manager should request modifications which they deem appropriate.

If such experts employed are also deemed to be fiduciaries, they must acknowledge such in writing. All expenses for such experts must be customary and reasonable, and will be borne by the Fund as deemed appropriate and necessary.

Recommendations made by the ENFC for major changes in investment policy will be reviewed by the Executive Committee, and at their recommendation, the Board of Governors.

RESPONSIBILITY OF THE INVESTMENT MANAGEMENT CONSULTANT(S)

The Investment Management Consultant's role is that of a non-discretionary advisor to the ENFC. Investment advice concerning the investment management of Fund assets will be offered by the Investment Consultant, and will be consistent with the investment objectives, policies, guidelines and constraints as established in this statement. Specific responsibilities of the Investment Consultant include:

1. Assisting in the development and periodic review of investment policy.
2. Conducting investment manager searches when requested by the ENFC.
3. Providing "due diligence", or research, on the Investment Manager(s).

4. Monitoring the performance of the Investment Manager(s) to provide the ENFC with the ability to determine the progress toward the investment objectives.
5. Communicating matters of policy, manager research, and manager performance to the ENFC.

RESPONSIBILITY OF THE INVESTMENT MANAGERS

1. Preservation of Capital - Consistent with their respective investment styles and philosophies, investment managers should make reasonable efforts to preserve capital, understanding that losses may occur in individual securities.
2. Risk Aversion - Understanding that risk is present in all types of securities and investment styles, the ENFC recognizes that some risk is necessary to produce long-term investment results that are sufficient to meet the Fund's objectives. However, the investment managers are to make reasonable efforts to control risk, and will be evaluated regularly to ensure that the risk assumed is commensurate with the given investment style and objectives.
3. Adherence to Investment Discipline - Investment managers are expected to adhere to the investment management styles for which they were hired. Managers will be evaluated regularly for adherence to investment discipline.

GENERAL INVESTMENT PRINCIPLES

1. Investments shall be made solely in the interest of the beneficiaries of the Fund.
2. The Fund shall be invested with the care, skill, prudence, and diligence under the circumstances then prevailing that a prudent person acting in like capacity and familiar with such matters would use in the investment of a fund of like character and with like aims.
3. Investment of the Fund shall be so diversified as to minimize the risk of large losses, unless under the circumstances it is clearly prudent not to do so.
4. The ENFC may employ one or more investment managers of varying styles and philosophies to attain the Fund's objectives.
5. Cash is to be employed productively at all times, by investment in short term cash equivalents to provide safety, liquidity, and return.

GOAL OF ENDOWMENT

The purpose of the Fund is to support the programs of the American Society of Ichthyologists and Herpetologists. Grants made by the Endowment will include, but may not be limited to, achievement awards and travel awards to members and support for symposia at annual meetings. The grant-making capacity of the Fund will be preserved by balancing income production and capital appreciation in the portfolio.

In order to meet its needs, the investment strategy of the Fund is to emphasize total return; that is, the aggregate return from capital appreciation and dividend and interest income. The primary goal in the investment management for Fund assets is:

Growth and Income -To maintain both capital appreciation and income generation.

Specifically, over the investment horizon established in this statement, the aggregate Fund assets shall:

Achieve at least a total rate of return of 4% per annum. After fees this would then mean a return to the Fund of 3%, per annum.

ATTITUDE TOWARD GIVING TO ENDOWMENT AND SPENDING FROM ENDOWMENT

Future giving (contributions) to the Fund is expected to be inconsistent, and therefore, unpredictable. As a result, the ENFC has set an investment strategy with the objective of maintaining purchasing power of Fund assets before consideration of gifts. Accordingly, future giving will serve to increase purchasing power.

The ENFC places highest emphasis on meeting its grant making obligations. As such, the ENFC regards spending in dollar terms from year to year as relatively inflexible. While spending is relatively consistent and predictable, expected investment returns from "riskier" portfolios are not consistent and predictable. Therefore, the ENFC must tend toward a more "conservative" investment strategy than might be the case if grant making from year to year were more flexible.

GOALS OF INVESTMENT MANAGERS

Each investment manager, over the investment horizon, is expected to:

1. Meet or exceed the market index, or blended market index, selected and agreed upon by the ENFC that most closely corresponds to the style of investment management.
2. Display an overall level of risk in the portfolio which is consistent with the risk associated with the benchmark specified above. ~~Risk will be measured by the standard deviation of quarterly returns.~~

LIQUIDITY

To minimize the possibility of a loss occasioned by the sale of a security forced by the need to meet a required payment, the ENFC will periodically provide the investment management consultant with an estimate of expected net cash needs in a timely manner, to allow sufficient time to build up necessary liquid reserves.

SPENDING POLICY

The ENFC will target spending from the Fund to be equal to a maximum of 2% of the Fund's average three year portfolio value. However, distributions from the Fund will be made as needed.

ASSET GUIDELINES

The ENFC requires that all of Fund assets be invested in liquid securities, defined as securities that can be transacted quickly and efficiently for the Fund, with minimal impact on market price.

ALLOWABLE ASSETS

1. Cash Equivalents and Other Holdings
 - Treasury Bills
 - Money Market Funds
 - STIF Funds
 - Commercial Paper
 - Banker's Acceptances
 - Repurchase Agreements
 - Certificates of Deposit
 - Real Estate Investment Trusts
 - Commodities
2. Fixed Income Securities
 - U.S. Government and Agency Securities
 - Corporate Notes and Bonds
 - Mortgage Backed Bonds
 - Preferred Stock
 - Fixed Income Securities of Foreign Governments and Corporations
 - Planned Amortization Class Collateralized Mortgage Obligations (PAC CMOs) or other "early tranche" CMOs
3. Equity Securities
 - Common Stocks

- Convertible Notes and Bonds
 - Convertible Preferred Stocks
 - American Depository Receipts (ADRs) of Non-U.S. Companies
 - Stocks of Non-U.S. Companies (Ordinary Shares)
4. Mutual Funds
 - Mutual Funds which invest in securities as allowed in this statement.
 5. Other Assets
 - Guaranteed Investment Certificates

PROHIBITED ASSETS

Prohibited investments include, but are not limited to the following:

1. Futures Contracts
2. Private Placements
3. Options
4. Limited Partnerships
5. Venture-Capital Investments
6. Interest-Only (IO), Principal-Only (PO), and Residual Tranche CMOs
7. Derivative securities

PROHIBITED TRANSACTIONS

Prohibited transactions include, but are not limited to the following:

1. Short Selling
2. Margin Transaction

ASSET ALLOCATION GUIDELINES

Investment management of the Fund shall be in accordance with the following asset allocation guidelines:

1. Aggregate Fund Asset Allocation Guidelines (at market value)

	<u>Lower Limit</u>	<u>Strategic Allocation</u>	<u>Upper Limit</u>
Equities	0%	50%	100%
Fixed Income	0%	49%	100%
Cash & Equivalents	0%	1%	100%

2. The Investment Management Consultant must consult with the ENFC prior to a major change in allocation among these three asset classes, amounting to 10% of total assets in the Fund.

DIVERSIFICATION FOR INVESTMENT MANAGERS

The ENFC does not believe it is necessary or desirable that securities held in the Fund represent a cross section of the economy. However, in order to achieve a prudent level of portfolio diversification, the securities of any one company or government agency should not exceed 10% of the Fund, and no more than 30% of the Fund should be invested in any one industry. Individual treasury securities may represent 40% of the total fund, while the total allocation to treasury bonds and notes may represent up to 100% of the Fund's aggregate bond position.

GUIDELINES FOR FIXED INCOME ASSETS AND CASH EQUIVALENTS

1. Fund assets may be invested only in investment grade bonds rated BBB (or equivalent) or better.
2. Fund assets may be invested only in commercial paper rated A1 (or equivalent) or better.
3. Fixed income maturity restrictions are as follows:
 - Maximum maturity for any single security is 30 years.
 - Weighted average portfolio maturity may not exceed 15 years.
4. Money Market Funds selected shall contain securities whose credit rating at the absolute minimum would be rated investment grade by Standard and Poors, and/or Moody's.

PERFORMANCE REVIEW AND EVALUATION

Performance reports generated by the Investment Consultant shall be compiled at least quarterly and communicated to the ENFC for review. The investment performance of total portfolios, as well as asset class components, will be measured against commonly accepted performance benchmarks. Consideration shall be given to the extent to which the investment results are consistent with the investment objectives, goals, and guidelines as set forth in this statement. The ENFC intends to evaluate the portfolio(s) over at least a three year period, but reserves the right to terminate a manager for any reason including the following:

1. Investment performance which is significantly less than anticipated given the discipline employed and the risk parameters established, or unacceptable justification of poor results.
2. Failure to adhere to any aspect of this statement of investment policy, including communication and reporting requirements.
3. Significant qualitative changes to the investment management organization.

Investment managers shall be reviewed regularly regarding performance, personnel, strategy, research capabilities, organizational and business matters, and other qualitative factors that may impact their ability to achieve the desired investment results.

INVESTMENT POLICY REVIEW

To assure continued relevance of the guidelines, objectives, financial status and capital markets expectations as established in this statement of investment policy, the ENFC plans to review investment policy at least annually.

This statement of investment policy is adopted on July 10, 2013 by the President of the American Society of Ichthyologists and Herpetologists whose signature appears below.



William J. Matthews

**49. Appendix F. Curriculum Vitae for Dr. Das – Candidate for
Honorary Foreign Member in Herpetology**

CURRICULUM VITAE

DR. INDRANEIL DAS

Institute of Biodiversity and Environmental Conservation
Universiti Malaysia Sarawak
Jalan Datuk Mohd Musa
94300 Kota Samarahan, Sarawak
Malaysia
Email: idas@ibec.unimas.my
Telephone (work): ++ 60 82 581388, Ext. 2296
Handphone: ++ 60 19 4821208
Fax: ++ 60 82 583004

Key Qualifications and Experience:

- Current research interest includes systematic zoology, community ecology, conservation biology, biogeography, history of natural history, palaeontology
- Consultant and project holder for the World Wide Fund for Nature, World Conservation Union (IUCN), Convention on International Trade in Endangered Species of Wild Fauna and Flora, Center for Marine Conservation, Conservation International, Darwin Initiative for the Conservation of Species, Fauna and Flora International, Ministry of Higher Education, Government of Malaysia, People's Trust for Endangered Species, Ramsar Center Japan, Royal Manas Forest Department, Sarawak Energy Berhad, World Nature Association, Universiti Brunei Darussalam, Universiti Malaysia Sarawak, United Nations Development Programme/Global Environmental Facility, The Mohamed bin Zayed Species Conservation Fund, Shell Chair Grant and Volkswagen Stiftung.
- Doctorate, University of Oxford (1991)
- Fulbright Fellow, Harvard University (1995–1996)
- Scientific Officer, Centre for Herpetology/Centre for Island Ecology (1988–1998)

- Associate Professor, Universiti Malaysia Sarawak (1998–2007)
- Professor, Universiti Malaysia Sarawak (2007–present)
- Field work in Bangladesh, Bhutan, Brunei Darussalam, China, France, Great Britain, India, Indonesia, Japan, Malaysia, Maldives, Myanmar, Philippines, Singapore, South Africa, Sri Lanka, U.S.A. and Vietnam.
- Web of Science Researcher ID: A-3597-2009
- H-index = 21; cited = 2,842 (1 May 2014)

DR. INDRANEIL DAS

PERSONAL DATA

Born	18 December 1964
Educational Qualifications	D. Phil. (University of Oxford, 1991)
Nationality	Indian
Present Address	Institute of Biodiversity and Environmental Conservation, Universiti Malaysia Sarawak, Jalan Datuk Mohd Musa, 94300 Kota Samarahan, Sarawak, Malaysia Email: idas@ibec.unimas.my Research Group Website: http://theherpetofaunalbiologygroup.weebly.com/index.html Telephone (work): ++ 60 82 581388, Ext. 2296 Fax: ++ 60 82 583004 Hand phone: ++ 60 19 4821208
Permanent Address	Flat 3K, "Cedar", Tower 4, South City Apartments, 375 Prince Anwar Shah Road, Kolkata 700 068, India. Tel: ++91 33 24999237.
Present Address	Apartment 1E8, Village Grove Condominiums, Lot 8061, Block 16, Lorong F, BDC, Jalan Stutong, 93350 Kuching, Sarawak, Malaysia.

RESEARCH INTERESTS

Systematic zoology, community ecology, conservation biology, biogeography, history of natural history, palaeontology

BIBLIOMETRIC INDICES (1 May 2014)

	All	Since 2009
Citations	2,842	1,861
h-index	21	16
i10-index	58	33

EMPLOYMENT HISTORY

Scientific Officer, Centre for Herpetology, Madras Crocodile Bank Trust (August, 1988–September, 1990).

Research Fellow, Universiti Brunei Darussalam (December, 1991–September, 1993).

Scientific Officer, Centre for Herpetology/Andaman and Nicobar Islands Environmental Team, Centre for Island Ecology, Madras Crocodile Bank Trust (December, 1993–October, 1995).

Fulbright Fellow, Museum of Comparative Zoölogy, Harvard University (November, 1995–July, 1996).

Scientific Officer, Centre for Herpetology/Andaman and Nicobar Islands Environmental Team, Centre for Island Ecology, Madras Crocodile Bank Trust (August, 1996–May, 1998).

Associate Professor, Institute of Biodiversity and Environmental Conservation, Universiti Malaysia Sarawak (June, 1998–June 2007).

Professor, Institute of Biodiversity and Environmental Conservation, Universiti Malaysia Sarawak (July 2007–present).

HONORS AND AWARDS

ARROS Award for Herpetology, University of Peradeniya, Kandy, Sri Lanka (1996)

Gold Medal and Honorary Fellowship, Zoological Society of Eastern India, Darjeeling, India (1999)

Raffles Museum Fellowship, National University of Singapore, Singapore (2002)

Certificate of Merit, Universiti Malaysia Sarawak, Sarawak, Malaysia (2003; 2004; 2005; 2006; 2007; 2008; 2009; 2010; 2011; 2012; 2013).

Eponym for *Adenomus dasi* Manamendra-Arachchi & Pethiyagoda, 1998 (Journal of South Asian Natural History 3[1]:213–248), an aquatic bufonid toad from the highlands of the Peak Wilderness National Park, central Sri Lanka.

Eponym for *Cnemaspis indraneildasii* Bauer, 2002 (Mitteilungen aus dem Hamburgischen Zoologischen Museum und Institut 99:155–167), a forest-dwelling gekkonid lizard from the evergreen forests of Karnataka, south-western India.

Eponym for *Oriotiaris dasi* Shah and Kästle, 2002 (In: Amphibians and reptiles of Nepal. Biology, Systematics, Field Guide. H.-H. Schleich & W. Kästle (Eds). Koeltz Scientific Books, Koenigstein: pp:608–615), a forest-dwelling agamid lizard from western Nepal.

Eponym for *Nyctibatrachus indraneili* Biju, Van Bocxlaer, Mahony, Dinesh, Radhakrishnan, Zachariah, Giri & Bossuyt. 2011 (Zootaxa 3029:1–96), a frog from Longwood Shola, Tamil Nadu, India.

Eponym for *Mortonagrion indraneil* Dow, 2011 (Zootaxa 3093:35–46), a dragonfly from Borneo.

Award for Original Writing (Book Manuscripts) 2005/2006, 2nd Annual Research Awards Night 2007, Universiti Malaysia Sarawak (26 February 2007).

Distinguished Herpetologist Award 2010. Herpetologists' League Inc., U.S.A. 23rd Joint Meetings of Ichthyologists and Herpetologists, Providence, Rhode Island, U.S.A. (7–12 July 2010).

Award for Original Writing (Book Manuscripts) 2010/2011, UNIMAS Awards Night 2011, Universiti Malaysia Sarawak (26 July 2011).

Best Researcher Award 2010/2011, UNIMAS Awards Night 2011, Universiti Malaysia Sarawak (26 July 2011).

MEMBERSHIPS, ACADEMIC POSITIONS AND AFFILIATIONS

Lead Researcher, Herpetofauna Group, Universiti Malaysia Sarawak (2000-). <http://theherpetofaunalbiologygroup.weebly.com/index.html>

Chairman, IUCN/SSC South Asian Reptile and Amphibian Specialist Group (1994–2005. Between 1989–1993, Founding Co-Chairman of the 'Indian Subcontinent Reptile and Amphibian Specialist Group').

Deputy Chairman and **Member**, Executive Committee, IUCN/SSC Tortoise and Freshwater Turtle Specialist Group (1990–present).

Honorary Research Associate, Raffles Museum for Biodiversity Research, National University of Singapore (2003–present).

Member, Society for the Study of Amphibians and Reptiles, U.S.A. (1996–present).

Member, IUCN/SSC Marine Turtle Specialist Group (1990–2000).

Member, IUCN/SSC Sustainable Use of Wild Species Group (1992–present).

Member, IUCN/Declining Amphibian Populations Task Force (1992–present).

Member, Amphibian and Reptile Research Organization of Sri Lanka (1994–present).

Member, Bombay Natural History Society, Bombay, India (1986–present).

Member, Malaysian Nature Society, Kuching, Malaysia (2001–present).

Member, Society for Southeast Asian Herpetology, Berlin, Germany (1994–present).

Member, International Society for History and Bibliography of Herpetology, Lund, Sweden (2000–present).

Member, The Society for the History of Natural History, London, U.K. (2000–2004).

Member, The Herpetologists League, U.S.A. (2010–present)

Member, Steering Committee, Amphibian Conservation Action Plan, IUCN- The World Conservation Union / Conservation International, Washington, D.C., U.S.A. (2005–present)

Life Member, Andaman Science Association, Port Blair, Andaman Islands, India (since 1994).

Consulting Expert, Asian herpetology, The Reptile Database (URL: www.reptiledatabase.org), Germany (1998–present).

Taxonomic Expert for Herpetofauna, ASEAN Regional Center for Biodiversity Conservation, Bau Limestone Project, Sarawak Biodiversity Centre, Sarawak, Malaysia (2002–2004).

Member, Society for the Study of Amphibians and Reptiles, Long Range Planning Committee (2010-present).

Advisor, Indian Herpetological Society, Pune, India (1993-present).

Co-Chair (with Aaron M. Bauer), Advisory Panel, Committee on Recently Extinct Organisms, American Museum of Natural History, New York (1998).

Member, Technical Sub-committee on faunal biodiversity, Malaysia (2006-present)

Research Associate, Department of Biology, Universiti Brunei Darussalam, Brunei Darussalam (1999).

Member, Research Committee, Universiti Malaysia Sarawak (January 2011-).

Faculty Member, SERC Annual School in Herpetology, Department of Zoology, North Orissa University, India/Wildlife Institute of India, Dehra Dun, India/Arya Vidyapeeth College, Assam, India (2007-present)

ACADEMIC ACTIVITIES

External Examiner, PhD thesis, University of Pune, Pune, Maharashtra, India (1997).

External Examiner, MSc thesis, National University of Singapore, Singapore (1998).

External Examiner, MSc thesis, Universiti Malaysia Sabah, Kota Kinabalu, Sabah, Malaysia (2003).

External Examiner, PhD thesis, Nanyang Technological University, Singapore (2003).

External Examiner, PhD thesis, Mangalore University, Mangalore, Karnataka, India (2004).

External Examiner, PhD thesis, University of Colombo, Colombo, Sri Lanka (2004).

External Examiner, MSc thesis, Universiti Malaya, Kuala Lumpur, Malaysia (2004).

External Examiner, PhD thesis, Gauhati University, Guwahati, Assam, India (2005).

External Examiner, PhD thesis, University of Pune, Pune, Maharashtra, India (2006).

External Examiner, PhD thesis, University of Hong Kong, Hong Kong, China (2007).

External Examiner, PhD thesis, Gauhati University, Guwahati, Assam, India (2007).

External Examiner, PhD thesis, Karachi University, Karachi, Pakistan (2010).

External Examiner, MSc thesis, Universiti Brunei Darussalam, Brunei Darussalam (2010).

External Examiner, MSc thesis, Universiti Malaysia Sabah, Kota Kinabalu, Sabah, Malaysia (2011).

External Examiner, PhD thesis, Gauhati University, Guwahati, Assam, India (2011).

External Examiner, PhD thesis, Karachi University, Karachi, Pakistan (2011).

External Examiner, PhD thesis, Indian Institute of Science, Bangalore, India (2011).

External Examiner, PhD thesis, Karachi University, Karachi, Pakistan (2012).

External Examiner, MSc thesis, Universiti Brunei Darussalam, Brunei Darussalam (2013).

External Examiner, PhD thesis, Karachi University, Karachi, Pakistan (2013).

External Examiner, MSc thesis, Universiti Brunei Darussalam, Brunei Darussalam (2014).

External Examiner, PhD thesis, Madras University, Chennai, India (2014).

EDITORIAL RESPONSIBILITIES

Editor, Hamadryad (Journal of the Centre for Herpetology, Madras/Chennai, India, ISSN 0972-205X; URL: www.herplit.com/contents/hamadryad.html)(1992-2011).

Section Editor (Geographic Distribution: Old World), Herpetological Review (Newsjournal of the Society for the Study of Amphibians and Reptiles, Danbury, Connecticut, U.S.A. URL: <http://www.herplit.com/contents/HR.html>) (2006-2012).

Section Editor (Geographic Distribution: south and southeast Asia), Herpetological Review (Newsjournal of the Society for the Study of Amphibians and Reptiles, Danbury, Connecticut, U.S.A. URL: <http://www.herplit.com/contents/HR.html>) (2012-present).

Co-Editor, Amphibian Biology. Vol. 11. Decline in the Eastern Hemisphere. H. Heatwole and I. Das (Eds). Natural History Publications (Borneo) Sdn. Bhd., Kota Kinabalu (2012-present).

Member, Editorial Board, Asiatic Herpetological Research, currently Asian Herpetological Research (Journal of the Asiatic Herpetological Research Society, University of California, Berkeley, U.S.A., now published by Academia Sinica, Chengdu, China; URL: www.herplit.com/contents/ahr.html) (1990-present).

Member, Editorial Board, Journal of the Bombay Natural History Society (Bombay Natural History Society, Mumbai, India; URL: <http://www.bnhs.org/>). (1999-present).

Editor, Biodiversity and Conservation (Springer; URL: <http://www.springer.com/life+sciences/evolutionary+%26+developmental+biology/journal/10531>) (2011-present)

Associate Editor, Current Herpetology (University of Kyoto, Kyoto, Japan; URL: www.herplit.com/contents/current.html) (2000-present).

Editor, Amphibians and reptiles taxonomic database, Center for Biodiversity Informatics, National Chemical Laboratory, Pune, India (URL: <http://www.ncbi.org>) (2002-present).

Member, Editorial Board, Tropical Natural History (formerly, The Natural History Journal of Chulalongkorn University, Journal of the Department of Biology, Chulalongkorn University, Bangkok, Thailand; URL: <http://www.biology.sc.chula.ac.th>) (2002-present).

Member, Editorial Review Board, Chelonian Conservation and Biology (Journal of the IUCN/SSC, Tortoise and Freshwater Turtle Specialist Group, Massachusetts, U.S.A.; URL: www.herplit.com/contents/cc%26b.html)(1993-present).

Member, Editorial Board, German Journal of Herpetology, formerly, Salamandra (Journal of the Deutsche Gesellschaft für Herpetologie und Tierkunde, Reinbach, Germany; URL: <http://www.herplit.com/contents/Salamandra.html>) (2005–present)

Member, Advisory Council, Journal of Natural History and Wildlife (The Scientific and Cultural Society of Pakistan, Karachi, Pakistan) (2005–present)

Member, Editorial Review Board, Faunistische Abhandlungen (Journal of the Museum für Tierkunde Sammlungen Dresden, Germany; URL: http://www.globiz.sachsen.de/snsd/zool_abh_dres.html) (2002–present).

Editorial Advisor, Journal of Environmental and Sociobiology (Journal of the Social Environmental and Biological Association, Kolkata, India) (2006–present).

Consulting Editor, Zeylanica, formerly, Journal of South Asian Natural History (Journal of the Wildlife Heritage Trust of Sri Lanka, Colombo, Sri Lanka; URL: www.wht.org) (1996–2000; 2006–).

Member, Editorial Board, Lyriocephalus (Journal of the Amphibian and Reptile Research Organization of Sri Lanka, Faculty of Medicine, University of Peradeniya, Peradeniya, Sri Lanka; URL: www.herplit.com/contents/lyrio.html) (1994–present).

Member, Board of Editorial Advisors, Canadian Journal of Pure and Applied Sciences (published by SENRA Academic Publishers, Westminster, Canada) (2005–present).

Consulting Editor, Sri Lanka Nature (Nature Magazine of the Wildlife Heritage Trust of Sri Lanka, Colombo, Sri Lanka URL: www.wht.org) (1997–2000).

Member, Editorial Board, Raffles Bulletin of Zoology (Journal of the National University of Singapore, Singapore; URL: <http://www.rnbr.nus.edu.sg/rbz/>) (2003–present).

Member, Editorial Board, Taprobanica (Journal of the Taprobanica Nature Conservation Society, Colombo, Sri Lanka) (2008–present).

Member, Advisory Board, Indian Journal of Biodiversity (Bangalore, India) (1997–1999).

Country Liaison, India and Malaysia, Amphibian and Reptile Conservation (Tucson, Arizona, USA; URL: www.herpetofauna.org) (1998–present).

Referee for the following additional peer-reviewed journals: Alytes (Musée National d'Histoire Naturelle, Paris, France), Animal Biology (Royal Netherlands Academy of Sciences, Amsterdam, The Netherlands), Asian Journal of Tropical Biology (Singapore Institute of Biology, Singapore), Biodiversity and Conservation (Springer, The Netherlands), Biological Journal of the Linnean Society (Linnean Society of London, London, U.K.), Copeia (American Society of Ichthyologists and Herpetologists, Austin, U.S.A.), Dumerilia (Musée National d'Histoire Naturelle, Paris, France), Gekko (Journal of the Global Gecko Association, St. Albans, U.K.), Herpetologica (Herpetologists League, Emporia, U.S.A.), Herpetological Conservation and Biology (U.S. Geological Survey, Henderson, U.S.A.); Herpetological Journal (British Herpetological Society, University of Kent, Canterbury, U.K.), Herpetological Natural History (La Sierra University, Riverside, California, U.S.A.), Herpetozoa (Naturhistorisches Museum, Wien, Austria), International Journal of Osteoarchaeology (University of York, U.K.), Journal of Biogeography (Cambridge, U.K.), Journal of Herpetology (Society for the Study of Amphibians and Reptiles,

Oxford, Ohio, U.S.A.), Journal of Tropical Biology and Conservation (Universiti Malaysia Sabah, Kota Kinabalu, Sabah, Malaysia); Journal of Tropical Ecology (Singapore Botanic Gardens, Singapore); Journal of Zoology (Zoological Society of London, London, U.K.), Malayan Nature Journal (Malayan Nature Society, Kuala Lumpur, Malaysia), Malaysian Applied Biology (Malaysian Society of Applied Biology, Bangi, Malaysia); Mitteilungen aus dem Hamburgischen Zoologischen Museum und Institut (Universität Hamburg, Hamburg, Germany), Molecular Biology Reports (Spinger Journal), National Geographic Magazine (National Geographic Society, Washington, D.C., U.S.A.); Bibliotheca Herpetologica, formerly, Newsletter and Bulletin of the International Society for the History and Bibliography of Herpetology (International Society for the History and Bibliography of Herpetology, Lund, Sweden), Oryx (Fauna and Flora International, Cambridge, U.K.), Journal of the Palaeontological Society of India (Department of Geology, University of Lucknow, Lucknow, India), Natural History Bulletin of the Siam Society (Siam Society, Bangkok, Thailand), Proceedings of the California Academy of Sciences (California Academy of Sciences, San Francisco, U.S.A.); Proceedings of the Wildlife Conservation Society of the Philippines (Wildlife Conservation Society of the Philippines, Manila, Philippines); Special publications of the Royal Belgian Institute of Natural Sciences (Brussels, Belgium); Russian Journal of Herpetology (Russian Academy of Sciences, St. Petersburg, Russia), Sabah Parks Nature Journal (Sabah Parks, Kota Kinabalu, Malaysia), South American Journal of Herpetology (Instituto de Biociencias, Universidade de Sao Paulo, Brazil), Journal of Threatened Taxa (formerly, Zoos' Print Journal) (Zoo Outreach Organisation, Coimbatore, India), Zoological Science (Zoological Society of Japan, Tokyo, Japan) and Zootaxa (The Natural History Museum, London, U.K.).

Referee for research/book projects for the following foundations and institutions: National Geographic Society, Washington, D.C., U.S.A. (URL: <http://www.nationalgeographic.com>), National Science Foundation (Washington, D.C., U.S.A.), Oxford University Press, Cambridge University Press, Rolex Award for Enterprise Awards (Rolex, Switzerland) and Rufford Small Grants Foundation (London, U.K.) (URL: <http://www.ruffordsmallgrants.org>).

EDUCATION: NONFORMAL

Nature Orientation Camp: Hazaribagh National Park, Bihar, India. Organized by the World Wildlife Fund–India, 1981.

Environmental Education Workshop: Betla, Palamau Tiger Reserve, Bihar, India. Organized by the World Wildlife Fund– India and U.S. Fish and Wildlife Services, 1982.

National Nature Leadership Training Camp: Khadakvasla, Pune, Maharashtra, India. Organized by the World Wildlife Fund– India, 1983.

Field Course in Ornithology: Calcutta, West Bengal, India. Organized by the Zoological Survey of India, 1984.

EDUCATION: FORMAL

B. Sc., Biological Sciences (University of Calcutta, Calcutta, India) 1985

M. Sc., Limnology (University of Bhopal, Bhopal, India) 1988

D. Phil., Zoology (University of Oxford, Oxford, U.K.) 1991
(Supervisor: Dr. Malcolm J. Coe). Supported by Inlaks Foundation Scholarship, Overseas Research Student (ORS) Award and Trinity College, University of Oxford. Doctoral thesis title.- 'Trophic ecology of a community of south Indian anuran amphibians'. (1) + xvi + 277 + iv pp; 60 pl.

ENVIRONMENTAL EDUCATION

Resource Person, Nature Orientation Camps for the World Wildlife Fund- India at: Sunderbans Tiger Reserve, West Bengal, India (1982 and 1984), Bethuadahari Deer Park, West Bengal, India (1983), Simlipal Tiger Reserve, Orissa, India (1983), Kanha Tiger Reserve, Madhya Pradesh, India (1984), Bakkhali, West Bengal, India (1983 and 1986), Palamau Tiger Reserve, Bihar, India (1985) and Jaldapara Wildlife Sanctuary, West Bengal, India (1985).

Resource Person, National Environmental Education Workshops for the World Wildlife Fund- India and U.S. Fish and Wildlife Services at: Mudumalai Wildlife Sanctuary, Tamil Nadu, India (1984) and the Indian Forest Research Institute, Dehradun, Uttar Pradesh, India (1984).

Lecturer, Intermediate Diploma Course in Wildlife Management for the Department of Wildlife Conservation, Sri Lanka, at the Wildlife Training Centre, Giritale, Sri Lanka (August, 1995).

TEACHING INTERESTS

Herpetology, systematics, evolutionary biology, biogeography, conservation biology.

MAJOR RESEARCH INTEREST

- * Understanding principles and processes determining species assemblages in natural communities.
- * Understanding spatial and temporal aspects of the diversity of tropical amphibian and reptiles.
- * Using amphibian and reptile models for understanding tropical ecology and evolution.
- * Tracing history of natural history, especially history of herpetology and vertebrate studies.
- * Understanding diversity and patterns of vertebrate (especially, turtle) evolution during the Holocene.
- * Using amphibians and reptiles as models for explaining ecological processes and as surrogates for conservation and management.

CURRENT JOB DESCRIPTION

- * Research (grant proposal writing, financial administration, staff management, field, lab and museum research, paper writing, attending workshops, symposia, research collaborations)
- * Teaching (helping prepare curriculum, lecturing, mentoring, preparing examinations, lab and field exercises, invigilation, grading and evaluation)

* Administration (administration related to courses taught, preparing documents dealing with institutional benchmarks, establishing new Chairs and professorships, helping develop MOUs and MOAs, organising workshops and symposia, evaluation of student and staff performance, designing courses for international students, organising expeditions, technical support to conferences and expeditions, memberships to university/institutional committees including purchase, science writing, ethics in academia, graduate studies, etc.)

* Others (reviewing grant proposals and manuscripts from UNIMAS, peer-reviewed scientific journals and agencies; editing or co-editing scientific journals and newsletters, assisting with design and layout of documents, including reports, books and periodicals, networking with regional, national and international agencies dealing with biology, ecology, science and conservation; undertaking consultancies on behalf of employer for private and public sector enterprises; serving as Acting Director of Institute)

TEACHING EXPERIENCE

Guest Lecturer, Department of Biology, University of Brunei Darussalam, Bandar Seri Begawan, Brunei Darussalam: Ecology Unit 2 (1993).

Lecturer, Animal Resource Science/Department of Zoology, Faculty of Resource Science and Technology, Universiti Malaysia Sarawak (1999-): STH2022 / STH2023, 'Animal Systematics' STH2103, 'Field and Laboratory Techniques'; STF2082, 'Scientific Communication'; STH 2113, 'Field Ecology', and STH2084 / STH2064, 'Vertebrate Biology / Animal Biology'.

RESEARCH PROJECTS/CONSULTANCIES

Co-Investigator, 'A preliminary survey of the Indian pangolin, *Manis crassicaudata* (Gray) in Orissa', supported by the World Wildlife Fund- India (November, 1983).

Member, World Wildlife Fund- India expeditions to Gahirmatha, Bhitarkanika Wildlife Sanctuary, Orissa, India, to observe the nesting and conservation problems of olive ridley sea turtle, *Lepidochelys olivacea* (February and April, 1984).

Principal Investigator, 'Ecology and distribution of the river terrapin *Batagur baska* (Gray) in the Indian Sunderbans', supported by the World Wildlife Fund-India (October 1985 - March 1986).

Grant Awardee, Study of Asian turtles at the Natural History Museum, London, United Kingdom, under the British Council Visitorship Programme (October 1986).

Investigator, Study of south Asian Plio-Pleistocene fossil turtles at the Geological Survey of India, Calcutta. M. Sc. research project (1987).

Principal Investigator, 'The distribution and status of land tortoises (Family Testudinidae) in north-eastern India' for the IUCN/SSC Tortoise and Freshwater Turtle Specialist Group (January-February and June-July, 1988).

Consultant, Convention on International Trade in Endangered Species of Wild Fauna and Flora / The World Conservation Union- IUCN Conservation Monitoring Centre, on the study 'Survey of the biological and trade status of monitor lizards (genus *Varanus*) in eastern India' (August-September, 1988).

Principal Investigator, 'Status, distribution and conservation of turtles and tortoises in Bangladesh', supported by the Centre for Marine Conservation, U.S.A.

and the Fauna and Flora Preservation Society (at present Fauna and Flora International), United Kingdom (December 1988–February, 1989).

Principal Investigator, 'An analysis of the community structure of the rainforest amphibians and reptiles of Brunei Darussalam', supported by the Universiti Brunei Darussalam (December, 1991–September, 1993).

Principal Investigator, 'The biogeography and ecology of the herpetofauna of the Andaman and Nicobar Islands', supported by the Centre for Herpetology, Madras Crocodile Bank Trust and the Royal Netherlands Government (February, 1994–October, 1995).

Grant Awardee, Study of South Asian amphibians and reptiles at the Natural History Museum, London, United Kingdom, under the British Council Visitorship Programme (July 1995).

Principal Investigator, 'The biodiversity and population structure of the relict highland herpetofauna of Sri Lanka', supported by the World Nature Association (July–October, 1995).

Grant Awardee, Biogeography and systematics of the Asian herpetofauna, Museum of Comparative Zoölogy, Harvard University, under a Fulbright Program (November, 1995–July, 1996).

Contributor, Asian species, Amphibian Species of the World by D. A. Frost (second internet edition; URL: www.research.amnh.org/herpetology/amphibia/index/html)

Principal Investigator, 'Search for *Chalcides pentadactylus* (Beddome, 1870) in Beypore, Kerala State, south-western India', supported by the People's Trust for Endangered Species (August, 1996).

Principal Investigator, 'An ecological reconnaissance of Mount Harriet National Park, South Andaman Island', supported by the Andaman and Nicobar Islands Environmental Team/Darwin Initiative for the Survival of Species/Fauna and Flora International (August–September, 1997).

Principal Investigator, 'Biological conservation in Myanmar (Burma)', supported by the People's Trust for Endangered Species (February, 1998).

Principal Investigator, 'An ecological reconnaissance of the Rani Jhansi Marine National Park, Ritchie's Archipelago, Andaman Islands', supported by the Andaman and Nicobar Islands Environmental Team/Darwin Initiative for the Survival of Species/Fauna and Flora International (March, 1998).

Principal Investigator, 'Biodiversity of the herpetofauna of Sarawak and adjacent areas– Spatial patterns, historical biogeography and systematics', supported by Universiti Malaysia Sarawak (July, 1998– November, 1999; UNIMAS grant number: 120(98) 9).

Collaborator, Global Ecogeographic Project, World Wide Fund for Nature– US. South Asian amphibians and reptiles (March–April, 1999).

Co-investigator (with Christopher C. Austin, Institute of Statistical Mathematics, University of Tokyo) of the study 'Lizard systematics and ecology in Sri Lanka', supported by the People's Trust for Endangered Species (August, 1999).

Contributor, 'The Red Book. The extinction crisis face to face. A. Bräutigam & M. D. Jenkins (compilers). 2001. CEMEX, SA, México City.

Principal Investigator, 'Ecological studies on the herpetofauna of Sabah (Crocker Range and Batu Tengar)', supported by Universiti Malaysia Sarawak (October, 1999–July 2002; UNIMAS grant number: 192(99) 46).

Principal Investigator, 'Studies on the natural history and systematics of the herpetofauna of peat swamp forest of Sarawak, East Malaysia', supported by Universiti Malaysia Sarawak (September, 2002–July 2005; UNIMAS grant number: 1/26/303/2002 [40]).

Principal Investigator, 'Herpetofauna of the Niah National Park, Sarawak', for DANCED/Support for Wildlife Management Plan Implementation Project (16–18 October, 2002).

Principal Investigator, 'Herpetofaunal communities of Pulau Selurong Forest Recreation Park, Brunei Darussalam', supported by Ramsar Center Japan and Forestry Department, Ministry of Industry and Primary Resources, Brunei Darussalam (16–26 November, 2002).

Principal Investigator, 'Systematics, biogeography and ecology of the montane herpetofauna of Malaysia', supported by Universiti Malaysia Sarawak (April, 2003–December, 2005; UNIMAS grant number: 01/59/376/2003 [113]).

Co-Investigator, 'Herpetofauna of Gunung Murud, Sarawak', supported by the Intensification of Research in Priority Areas (IRPA) Grant, Malaysia (May 2003–present; grant number: 08–02–09–10007–EA0001).

Co-investigator (with Alexander Haas, Zoologisches Institut und Museum, Universität Hamburg) of the study 'Inventory and biodiversity of the frog fauna of East Malaysia (Borneo) with emphasis on their larval forms (Amphibia: Anura)', supported by a grant from Volkswagen-Stiftung, Germany (2004–2008; grant number: 1/79 405).

Principal Investigator, 'The herpetofauna of Loagan Bunut', supported by Universiti Malaysia Sarawak and United Nations Development Programme/Global Environmental Facility (28 March–8 April 2004; UNIMAS grant number 01/94/441/2004 (179); UNDP/GEF Project MAL/99/G31).

Principal Investigator, 'Herpetological explorations and the documentation of the biodiversity of Sri Lanka', supported by the People's Trust for Endangered Species (October, 2004).

UNDP Consultant, 'The herpetofauna of Loagan Bunut and its management' for United Nations Development Programme/Global Environmental Facility Project: Conservation and Sustainable Use of Tropical Peat Swamp Forests and Associated Wetland Ecosystems (November 2004–December 2005).

Co-investigator (with Peter Kee Lin Ng and Navjot Sodhi, National University of Singapore) of the study 'Genetic diversity and patterns of speciation in selected tropical southeast Asian taxa: using molecular tools to identify conservation priorities in a region undergoing catastrophic extinctions', supported by the National University of Singapore (2006–2008).

Consultant, Project Kuala, a rapid ecological assessment of Kuala Lutong for Environmental Resources Management Sdn. Bhd. and Shell Sarawak Sdn. Bhd. (24–27 October 2007).

Principal Investigator, 'Ecological and lineage diversity of the herpetofauna of Gunung Mulu National Park, Sarawak, Malaysia', supported by Fundamental

Research Grant, Ministry of Higher Education, Malaysia (grant number: FRGS / 06(10)667/2007(32); 2008–2010).

Consultant, DVC project for The Social Concern, 'Assisting the design of the Damodar Valley Corporation's soil/water conservation, forest/agriculture/infrastructure development, and Social Integration Programmes', for State Bank of India- Capital Markets Limited and Damodar Valley Corporation (October 2008–March 2009).

Principal Investigator, 'Ecological studies on the Bornean earless monitor, *Lanthanotus borneensis*' supported by The Mohamed bin Zayed Species Conservation Fund, Abu Dhabi (1 July 2010–October 2013). (UNIMAS account contra L18403 101 00 MBZ Project.).

Principal Investigator, 'Investigations on the status and natural history of *Ansonia latidisca* Inger, 1966 at Gunung Penrissen, Sarawak, Malaysia (Borneo)', supported by 'Search for Lost Amphibians Project', Conservation International and IUCN Amphibian Specialist Group (1 September – 31 December 2010).

Principal Investigator, 'Herpetological assemblages and habitat use along altitudinal transects on Gunung Penrissen and the Padawan Massif, Sarawak', supported by Shell Chair, Institute of Biodiversity and Environmental Conservation, Universiti Malaysia Sarawak (1 January 2011–31 July 2013)(UNIMAS account SRC/05/2010(01)).

Principal Investigator, 'Effects of habitat features and fragmentation on herpetofaunal communities in Western Sarawak' supported by Fundamental Research Grant, Ministry of Higher Education, Malaysia (1 February 2011–August 2013) (UNIMAS account FRGS/07(04)787/2010(68)).

Principal Investigator, 'Ecology and diversity of the herpetofauna of secondary and logged forests of Pelagus, Upper Baleh and Ulu Baram, Sarawak, Malaysia' supported by the Sarawak Energy Berhad Hydropower Environmental Sustainability Program, Kuching, Malaysia (22 January 2014- 21 January 2017). (GL101)SEB/2014/02(03)

Principal Investigator, 'Autecology of the Bornean Earless Monitor, *Lanthanotus borneensis*' supported by Niche Research Grant Scheme, Ministry of Higher Education, Government of Malaysia (1 January 2014- 31 December 2018). (NRGS/1087/2-13(01)).

RECENT SCIENTIFIC COLLABORATIONS

Christopher Austin, Museum of Natural History, Louisiana State University, Baton Rouge, U.S.A. (Molecular systematics of skinks of Sri Lanka and Borneo; herpetofauna of Rajasthan, western India).

Aaron Bauer, Villanova University, Villanova, Pennsylvania, U.S.A. (Asian gekkonid systematics and ecology; herpetofauna of India).

Rafe Brown, University of Kansas, Lawrence, Kansas, U.S.A. (Systematics of the south-east Asian amphibians and reptiles).

Joseph Charles, Universiti Brunei Darussalam, Banadar Seri Begawan, Negara Brunei Darussalam (Ecology of vertebrates in Brunei Darussalam).

Patrick David, Museum National d'Histoire Naturelle, Paris, France (Nomenclature and taxonomy of Asian snakes).

Anslem de Silva, Amphibian and Reptile Research Organisation of Sri Lanka, Gampola, Sri Lanka (Systematics, ecology and conservation of the herpetofauna of Sri Lanka).

Sushil Dutta, Utkal University, Bhubaneswar/North Orissa University, Baripada, India (Systematics of amphibians of India).

Lee Grismer, La Sierra University, Riverside, U.S.A. (Herpetology of Pulau Tioman and other islands of the Seribuat Archipelago, West Malaysia).

Alexander Haas, Zoologisches Institut und Museum, Universität Hamburg, Germany (Tadpoles and frogs of Borneo).

Jean-Marc Hero, Griffiths University, Australia (assays for chytridiomycosis in Borneo).

Boo Liat Lim, Jabatan Perlindungan Hidupan Liar dan Taman Negara / Department of Wildlife and National Parks, Kuala Lumpur, Malaysia (Herpetofauna of Peninsular Malaysia and Borneo).

Kelvin Kok Peng Lim, Raffles Museum of Biodiversity Research, National University of Singapore, Singapore (Systematics of lizards and frogs of south-east Asia).

Akira Mori, Kyoto University, Japan (evolution of nuchal glands in natricid snake genera *Rhabdophis* and *Macropisthodon*).

Hidetoshi Ota, University of the Ryukyus, Okinawa, Japan (Systematics of agamid lizards and chromosomes of Asian reptiles).

Saibal Sengupta, Arya Vidyapeeth, Guwahati, India (Systematics of amphibians and lizards of north-eastern India).

Jeet Sukumaran, Duke University, North Carolina, U.S.A. (Herpetofauna of Peninsular Malaysia; montane herpetofauna of Malaysia).

Norsham Suhaina binti Yaakob, Forest Research Institute Malaysia, Kepong, Malaysia (Herpetofauna of Peninsular Malaysia).

COMPUTING

Languages: Various word-processing, spreadsheets, graphic and statistical programme, Fortran.

Computers: Personal computers, Apple Macintosh.

EXTRACURRICULAR ACTIVITIES

Travelling, natural history, cricket, yoga and wildlife and landscape photography (35 mm and digital formats); photographs in *Ambio*, *BBC Wildlife*, *Discover Magazine*, *Gekko*, *Hamadryad*, *Herpetological Review*, *La Tortue*, *Illustreret Videnskab*, *Nature*, *New Scientist*, *RSPCA Magazine*, *Reptile Magazine*, *Sanctuary Asia* and *Sri Lanka Nature*, besides in articles, books and encyclopaedias; photographs exhibited at the National Museum of Natural History, New Delhi, India, Wetland Park, Hong Kong, Kuwait Science Centre, Kuwait and Kuala Lumpur Convention Centre Aquarium, Kuala Lumpur, Malaysia); collecting natural history and antiquarian books, philately, fossils and Swarovski miniature figurines (member: Swarovski Crystal Society); contract photographer for *Wild Images Limited/RSPCA Photo Library*, U.K. and *Alamy.com*.

ADDITIONAL PARTICULARS

Clean driving licence, swimming, snorkeling.

LANGUAGES KNOWN

English (fluent), Bengali (fluent), Hindi (fluent), Urdu (basic), Bahasa Melayu / Malay (basic).

PHOTOGRAPHY

Photographs of plants, animals and landscapes utilized in the following publications:

Auliya, M. 2006. Taxonomy, life history and conservation of giant reptiles in west Kalimantan (Indonesian Borneo). Natur und Tier Verlag GmbH, Münster. 432 pp.

Auliya, M. 2007. An identification guide to the freshwater turtles and tortoises of Malaysia, Singapore, Indonesia, Brunei, the Philippines, East Timor and Papua New Guinea. TRAFFIC Southeast Asia, Kuala Lumpur. 98 pp.

Bennett, D. 1995. A little book of monitor lizards. Viper Press, Aberdeen. 208 pp + 17 pl.

Bennett, D. 1996. Warane der Welt. Welt der Warane. Edition Chimaira, Frankfurt am Main. 383 pp. (English edition: Monitors of the world, 1997, Edition Chimaira, Frankfurt am Main. 352 pp.).

Bonin, F., B. Devaux & A. Dupré. 1996. Toutes les tortues du monde. Delachaux et Niestlé, Lausanne. (2) + 254 pp.

Buden, D. & D. Taborosi. 2013. Reptiles of the Federated States of Micronesia. Island Research & Education Initiative, Palikir, Pohnpei State. in press.

Cox, M.J., P.P. van Dijk, J. Nabhitabhata & K. Thirakhupt. 1998. A photographic guide to snakes and other reptiles of Peninsular Malaysia, Singapore and Thailand. New Holland Publishers (UK), Ltd., London. 144 pp.

Daniel, J.C. 2002. The book of Indian reptiles and amphibians. Bombay Natural History Society/Oxford University Press, Mumbai. viii + 238 pp.

de Lang, R. & G. Vogel. 2005. The snakes of Sulawesi. A field guide to the land snakes of Sulawesi with identification keys. Edition Chimaira, Frankfurt am Main. 312 pp.

Dutta, S.K. 1997. Amphibians of India and Sri Lanka (checklist and bibliography). Odyssey Publishing House, Bhubaneswar. xiii + 342 + xxii pp.

Dutta, S.K. & K. Manamendra-Arachchi. 1996. The amphibian fauna of Sri Lanka. Wildlife Heritage Trust of Sri Lanka, Colombo. 230 pp.

Earl of Cranbrook & D.S. Edwards (Eds). 1994. Belalong: A tropical rainforest. The Royal Geographical Society, London, United Kingdom and Sun Tree Publishing Pte Ltd., Singapore. 238 pp.

Eidenmüller, B. & H.-D. Philippen. 2008. Varanoid lizards/Warane und Krustenechsen. Edition Chimaira, Frankfurt am Main. 148 pp; 1 folding plate.

Ernst, C.H. & G.R. Zug. 1996. Snakes in question: The Smithsonian Answer Book. Smithsonian Institution Press, Washington, D.C. 264 pp.

Francis, C. 2001. Photoguide to the mammals of south-east Asia. New Holland Publishing, London. 128 pp.

Fuchs, K. & M. Fuch. 2003. Die Reptilhaut. Ein wichtiger Merkmalsträger bei der Identifizierung von Echsen und Schlangen/The reptile skin. A key-feature in the identification of lizards and snakes. Edition Chimaira, Frankfurt am Main. 408 pp.

Goris, R.C. & N. Maeda. 2004. Guide to the amphibians and reptiles of Japan. Krieger Publishing Company, Malabar, Florida. viii + 285 pp.

- Grismer, L.L. 2001.** Guide to the amphibians and reptiles of Pulau Tioman, Peninsular Malaysia. A laboratory and field manual for tropical field biology. La Sierra University, Riverside, CA. 85 pp. Revised editions, 2002, 2003 and 2004.
- Grisshammer, K. & G. Köhler. 2006.** Leopardgeckos. Pflege • Zucht • Erkrankungen • Farbvarianten. Herpeton Verlag Elke Köhler, Offenbach. 142 pp.
- Gumprecht, A., F. Tillack, N. L. Orlov, A. Captain & S. Ryabov. 2004.** Asian pitvipers. GeitjeBooks, Berlin. 368 pp.
- Gurley, R. 2003.** Keeping and breeding freshwater turtles. Living Art Publishing, Ada, Oklahoma. 297 (+ 1) pp.
- Henkel, F.W. & W. Schmidt. 2009.** Leopard-geckos. Natur und Tier – Verlag, Muenster. 156 pp.
- Hutchins, M., J.B. Murphy & N. Schlager. 2003.** Grzimek's animal life encyclopedia. 2nd edition. Volume 7. Reptiles. Gale Group, Farmington Hills, Michigan. 593 pp.
- Highfield, A.C. 1996.** Practical encyclopedia of keeping and breeding tortoises and freshwater turtles, Carapace Press, London. vii + 295 pp.
- Hoang Xuan Thuy & S. Robertson. 2004.** [Viverrids and mustelids of Vietnam]. Chuong Trinh Bao Ton Cay Van, Vuon Quoc Gia Cuc Phuong, Hanoi. 65 pp.
- Inger, R.F. 1954.** Systematics and zoogeography of Philippine Amphibia. Fieldiana Zoology 33(4):183–531. 2007 reprint, with a new introduction by R. M. Brown by Natural History Publications (Borneo), Sdn. Bhd., Kota Kinabalu. vi + 370 pp.
- Inger, R.F. & R.B. Stuebing. 2005.** A field guide to the frogs of Borneo. Second edition. Natural History Publications (Borneo), Sdn. Bhd., Kota Kinabalu. viii + 201 pp.
- Khan, M.S. 2000.** Sarzameen-a-Pakistan kay maindak aur khazinday. Urdu Science Board, Lahore. 138 pp.
- Leviton, A. E., G. Wogan, M. Koo, G.R. Zug & J.V. Vindum. 2003.** The dangerously venomous snakes of Myanmar. Illustrated checklist with keys. Proceedings of the California Academy of Sciences 54(24):407–462.
- Lillywhite, H.B. 2013.** How snakes work. An illustrated guide to the structure, function and behavior of the world's snakes. Oxford University Press, New York.
- Lim, C.-K. & Earl of Cranbrook. 2002.** Swiftlets of Borneo. Builders of edible nests. Natural History Publications (Borneo) Sdn Bhd, Kota Kinabalu. xi + 171 pp.
- McKay, L. 2006.** A field guide to the reptiles and amphibians of Bali. Krieger Publishing, Malabar, Florida. 148 pp. Bahasa Indonesia edition, 2006, Reptil dan amphi di Bali. J. Lindley McKay, Blackrock, Victoria. 153 pp.
- Malkmus, R., U. Manthey, G. Vogel, P. Hoffmann & J. Kosuch. 2002.** Amphibians & reptiles of Mount Kinabalu (North Borneo). Koeltz Scientific Books, Königstein. 424 pp.
- Manthey, U. 2008.** Agamid lizards of southern Asia. Draconinae 1/Agamen des südlichen Asien. Draconinae 1. Edition Chimaira, Frankfurt am Main. 160 pp; 1 folding plate.
- Manthey, U. 2010.** Agamid lizards of southern Asia. Draconinae 2 Leiolepidinae/Agamen des südlichen Asien. Draconinae 2 Leiolepidinae. Edition Chimaira, Frankfurt am Main. 168 pp; 1 folding plate.
- Manthey, U. & W. Grossmann. 1997.** Amphibien & Reptilien Südasiens. Natur und Tier, Münster. 512 pp.

- Moll, E.O. & D. Moll. 2004.** The ecology, exploitation and conservation of river turtles. Oxford University Press, Inc., Oxford. 393 pp.
- Mjöberg, E. 1928.** Forest life and adventures in the Malay Archipelago. Cover of 1999 reprint by Natural History Publications (Borneo), Sdn. Bhd., Kota Kinabalu. 201 pp; 1 folding map.
- Orenstein, R. 2001.** Survivors in armor: turtles, tortoises and terrapins. Key Porter Books, Ontario. 308 pp.
- O'Shea, M. 2007.** Boas and pythons of the world. New Holland Publishers (UK) Ltd., London. 160 pp.
- O'Shea, M. & T. Halliday. 2001.** Reptiles and amphibians. Dorling Kindersley, London. 256 pp.
- Pethiyagoda, R. 1998.** Ours to protect. Sri Lanka's biodiversity heritage. Wildlife Heritage Trust of Sri Lanka, Colombo. 156 pp.
- Pianka, E.R., D.R. King & R.A. King. 2004.** Varanoid lizards of the world. Indiana University Press, Bloomington, Indiana. xiii + 588 pp.
- Rogner, M. 1995.** Schildkröten 1. Chelydridae Dermatemydidae Emydidae. Heide Rogner-Verlag, Hürtgenwald. 192 pp.
- Rogner, M. 1996.** Schildkröten 2. Kinosternidae Platysternidae Testudinidae Trionychidae Carettochelyidae Cheloniidae Dermochelyidae Chelidae Pelomedusidae. Heidi Rogner-Verlag, Hürtgenwald. 265 pp.
- Sayok, A., R. Ahmad, K. Jensen & Efransjah. 2006.** Looking at Loagan. A journey into Loagan Bunut National Park, Sarawak. UNDP/GEF Peat Swamp Project/Sarawak Forest Department/Sarawak Forestry Corporation, Kuala Lumpur. 75 pp.
- Shah, K.B. & S. Tiwari. 2004.** Herpetofauna of Nepal. A conservation companion. IUCN- The World Conservation Union- Nepal, Kathmandu. viii + 237 pp
- Schleich, H.-H. & W. Kästle (Eds). 2002.** Amphibians and reptiles of Nepal. Biology, Systematics, Field guide. Koeltz Scientific Books, Koenigstein. 1,200 pp.
- Schlüter, U. 2003.** Die Langschwanzidechsen der Gattung *Takydromus*. Pflege, Zucht und Lebensweise. Kirschner & Seuffer Verlag, Keltern-Weiler. 110 pp.
- Schulz, K.-D. 1996.** A monograph of the colubrid snakes of the genus *Elaphe* Fitzinger. Koeltz Scientific Books, Havlickuv Brod. iii + 439 pp.
- Seuffer, H., Y. Kaverkin & A. Kirschner. 2005.** The eyelash geckos. Care, breeding and natural history. Kirschner & Seuffer Verlag, Keltern-Weiler. 238 pp.
- Shcherbak, N.N. 2003.** Guide to the reptiles of the Eastern Palearctic. Krieger Publishing Company, Malabar, Florida. xv + 260 pp.
- Shi, H.-T. 2009.** Identification manual for traded turtles in China. Chinese Great Encyclopaedia Publishing Company, Beijing. 168 pp. [in Chinese.]
- Somaweera, R. & N. Somaweera. 2009.** Lizards of Sri Lanka. Editions Chimaira, Frankfurt am Main.
- Stuebing, R.B. & R.F. Inger. 1999.** A field guide to the snakes of Borneo. Natural History Publications (Borneo) Sdn Bhd, Kota Kinabalu. viii + 254 pp.
- Ting, Z. & W. Wang. 2009.** [Atlas of turtles farmed in China]. Privately published, Shanghai. 152 pp. [in Chinese.]

Vetter, H. 2002. Turtles of the world. Vol. 1. Africa, Europe and Western Asia/Schildkröten der Welt. Band 1. Afrika, Europa und Westasien. Edition Chimaira, Frankfurt am Main. 96 pp.

Vetter, H. 2004. Turtles of the world. Vol. 2. North America/Schildkröten der Welt. Band 2. Nordamerika. Edition Chimaira, Frankfurt am Main. 127 pp.

Vetter, H. & P.P. van Dijk. 2006. Turtles of the world. Vol. 4. Asia/Schildkröten der Welt. Band 4. Asia. Edition Chimaira, Frankfurt am Main. 160 pp.

Vitt, L. & J. Caldwell. 2008. Herpetology: an introductory biology of amphibians and reptiles. Third edition. Academic Press, London and New York. xiv + 630 pp.

Vogel, G. 2006. Venomous snakes of Asia / Giftschlangen Asiens. Terralog. Edition Chimaira, Frankfurt am Main. 148 pp.

Whitaker, R. 1995. Common Indian snakes: A field guide. MacMillan & Sons, New Delhi. (Hindi edition, Samatya Bharatiya samp, 50 pp.; Assamese edition, Bharater shachorachar dekha pora shap 50 pp.).

Whitaker, R. & A.S. Captain. 2004. Snakes of India. The field guide. Draco Books, Chennai. xiv + 481 pp.

Whitten, A.J. & J. Whitten (Eds). 1996. Indonesian heritage encyclopedia. Vol. 5. Wildlife. Editions Didier Millet, Singapore.

Zug, G.R. 2013. Reptiles and amphibians of the Pacific Islands. A comprehensive guide. University of California Press, Berkeley. x + 306 pp.

Zug, G.R., L. Vitt & J. Caldwell. 2001. Herpetology: an introductory biology of amphibians and reptiles. Second edition. Academic Press, London and New York. xiv + 630 pp.

FIELD WORK

Bangladesh (Sylhet, Chittagong, Narayanguj), Bhutan (south), Brunei Darussalam (Brunei Muara, Tutong, Temburong), China (Sichuan), France (Provence), Great Britain (south, central), India (north, east, north-east, south, south-west, west, Andaman and Nicobar Islands), Indonesia (Bali, Jawa Barat, Lombok), Japan (Ryukyu Archipelago), Malaysia (Sabah, Sarawak, West Malaysia), Maldives (Malé), Myanmar (Mandalay, Yangon Divisions), Philippines (Luzon- Laguna and Lake Taal; Palawan), Singapore (Bukit Timah, Ne Soon, Pasir Ris, Sime Road Forest, Sungei Buloh, Chek Java), South Africa (Western Cape Province), Sri Lanka (Giritale, Nuwara Eliya, Horton's Plain, Gannaruwa, Peradeniya, Monaragala, Sinharaja, Puttalam, Mannar, Namunukula), U.S.A. (Florida, Massachusetts, Missouri, New York State), Vietnam (Nha Trang).

MUSEUM RESEARCH

Academy of Natural Sciences (Philadelphia, U.S.A.; 1999); Alexander Koenig Museum (Bonn, Germany; 1991), American Museum of Natural History (New York, U.S.A.; 1993; 1996; 1999), Bangladesh National Museum (Dhaka, Bangladesh; 1989), Bombay Natural History Society (Bombay/Mumbai, India; 1995; 2002), Borneensis Collection, Universiti Malaysia Sabah (Kota Kinabalu, Malaysia; 1999 [three visits]); Brunei Museum (Bandar Seri Begawan, Brunei; 1992; 1999; 2002), California Academy of Sciences (San Francisco, U.S.A.; 2001); Chelonian Research Institute (Oviedo, Florida, U.S.A.; 2005); Chengdu Institute of Biology (Chengdu, China; 2000), Chulalongkorn University Zoological Museum (Bangkok, Thailand; 1993), Department of Biology, Universiti Brunei Darussalam (Bandar Seri Begawan, Brunei Darussalam; 1992–1993; 1999; 2002; 2006), Field Museum of Natural History (Chicago, U.S.A.; 1996), Florida

Museum of National History (Gainesville, U.S.A.; 1996), Madras Government Museum (Madras, India; 1989), Madras Snake Park Museum (Madras, India; 1995), Musée National d'Histoire Naturelle (Paris, France; 1991; 1995), Museum of Comparative Zoology, Harvard University (Cambridge, Massachusetts, U.S.A.; 1995–1996; 2005), Museum of Natural History, University of the Philippines (Los Baños, Philippines; 1993), Museum Zoologicum Bogoriense (Bogor, Indonesia; 1992; Cibinong, Indonesia; 2002), The Natural History Museum (London, Great Britain; 1986; 1995; 1997; 2000), Naturhistorisches Museum, Wien (Vienna, Austria; 1991), Natur-Museum und Forschungs-Institute Senckenberg (Frankfurt/Main, Germany; 1991), Niederösterreichs Landmuseum (Vienna, Austria; 1991), Oxford University Zoological Museum (Oxford, Great Britain; 1990), Philippine National Museum (Manila, Philippines; 1993), Sabah State Museum (Kota Kinabalu, Malaysia; 1998; 1999 [three visits]); Sarawak Museum (Kuching, Malaysia; 1992; 2002; 2003; 2005; 2006; 2007), Shillong Museum (Shillong, India; 1988), Smithsonian Institution, National Museum of Natural History (Washington, D.C., U.S.A.; 1996), Swedish Museum of Natural History (Stockholm; 2000); Thai National Zoological Collection (Bangkok, Thailand; 1993), Wildlife Heritage Trust of Sri Lanka (Colombo, Sri Lanka; 1995, 1997, 1999, 2001), Raffles Museum of Biodiversity Research (formerly Zoological Reference Collection), National University of Singapore (Singapore; 1993 [two visits], 1999, 2000 [three visits], 2001 [three visits]; 2002 [two visits]; 2003 [two visits]; 2005), Zoological Survey of India (Kolkata, Chennai, Shillong and Port Blair, India; 1985–1990; 1993–2002; 2005; 2006; 2008; 2009, 2011).

NEW TAXA DESCRIBED AMPHIBIANS

Bufonidae

Ansonia vidua Hertwig, Pui, Haas & Das, 2014: Malaysia

Bufo kumquat Das & Lim, 2001: Malaysia

Pelophryne murudensis Das, 2008: Malaysia

Pelophryne linanitensis Das, 2008: Malaysia

Megophryidae

Leptolalax khasiorum Das, Tron, Rangad & Hooroo, 2009: India

Leptolalax tamdil Sengupta, Sailo, Lalremsanga, Das & Das, 2010: India

Scutigermokochungensis Das & Chanda, 2000: India

Microhylidae

Calluella minuta Das, Yaakob & Lim, 2004: Malaysia

Calluella capsa Das, Pui, Tsu, Hertwig & Haas, 2014: Malaysia

Kalophrynus eok Das & Haas, 2003: Malaysia

Kalophrynus orangensis Dutta, Ahmed & Das, 2000: India

Kaloula assamensis Das, Sengupta, Ahmed & Dutta, 2004: India

Microhyla mantheyi Das, Yaakob & Sukumaran, 2007: Thailand, Singapore and Malaysia

Microhyla nepenthicola Das & Haas, 2010: Malaysia

Ranidae

Limnonectes shompenorum Das, 1995: India

Nyctibatrachus petraeus Das & Kunte, 2005: India

Rana charlesdarwini Das, 1998: India

Rana chitwanensis Das, 1998: Nepal

Rhacophoridae

Philautus sanctisilvaticus Das & Chanda, 1997: India

Philautus terebrans Das & Chanda, 1998: India
Polypedates insularis Das, 1996: India
Polypedates chlorophthalmus Das, 2005: Malaysia
Polypedates occidentalis Das & Dutta, 2006: India
Polypedates pseudocruciger Das & Ravichandran, 1998: India
Rhacophorus gadingensis Das & Haas, 2005: Malaysia

LIZARDS

Agamidae

Coryphophylax brevicaudus Harikrishnan, Chandramouli, Vasudevan, Choudhury, Dutta & Das 2012

Gekkonidae

Cnemaspis assamensis Das & Sengupta, 2000: India
Cnemaspis baueri Das & Grismer, 2003: Malaysia
Cnemaspis chanthaburiensis Bauer & Das, 1998: Thailand
Cnemaspis dezwaani Das, 2005: Indonesia
Cnemaspis dringi Das & Bauer, 1998: Malaysia
Cnemaspis gordongekko Das, 1993: Indonesia
Cnemaspis jacobsoni Das, 2005: Indonesia
Cnemaspis limi Das & Grismer, 2003: Malaysia
Cnemaspis modiglianii Das, 2005: Indonesia
Cnemaspis otai Das & Bauer, 2000: India
Cnemaspis pemanggilensis Grismer & Das, 2005: Malaysia
Cnemaspis phuketensis Das and Leong, 2004: Thailand
Cnemaspis whittendorum Das, 2005: Indonesia
Cnemaspis yercaudensis Das & Bauer, 2000: India
Cyrtodactylus adleri Das, 1997: India
Cyrtodactylus muluensis Das, in prep: Malaysia
Cyrtodactylus tiomanensis Das & Lim, 2000: Malaysia
Dixonius vietnamensis Das, 2004: Vietnam
Luperosaurus sorok Das, Lakim & Kandaung, 2008: Malaysia
Ptychozoon nicobarensis Das & Vijayakumar, 2009: India

Dibamidae

Dibamus booliati Das & Yaakob, 2003: Malaysia
Dibamus dezwaani Das & Lim, 2005: Indonesia
Dibamus ingeri Das & Lim, 2003: Malaysia
Dibamus tebal Das & Lim, 2009: Indonesia
Dibamus vorisi Das & Lim, 2003: Malaysia

Scincidae

Eutropis tammanna Das, de Silva & Austin, 2008: Sri Lanka
Kaestlea Eremchenko & Das, 2004: India
Lipinia inexpectata Das & Austin, 2007: Malaysia and Indonesia
Mabuya gansi Das, 1991: India

Sphenomorphus apalpebrae Datta-Roy, Das, Bauer, Tron & Karanth, 2013: India

SNAKES

Anomochilidae

Anomochilus monticola Das, Lakim, Lim & Tan, 2008: Malaysia

Boidae

Eryx whitakeri Das, 1990: India

Colubridae

Amphiesma kerinciensis David & Das, 2003: Indonesia

Boiga wallachi Das, 1998: India

Gongylosoma mukutense Grismer, Das & Leong, 2003: Malaysia

TURTLES

Xinjiangchelyidae†

Xinjiangchelys uttaturensis† Das, Ayyasami and Yadgiri, 1998: India (Cretaceous)

PUBLICATIONS

1. 1984. Occurrence of the Indian salamander (*Tylototriton verrucosus*) in Shillong. Hamadryad 9(2):11.
2. 1984. Ridley hatchlings at Gahirmatha. Hamadryad 9(2):20.
3. 1984. Record length of the Brahminy river turtle *Hardella thurgi*. Hamadryad 9(3):18.
4. 1984. Sunderbans Tiger Reserve. World Wildlife Fund– India, Calcutta. 16 pp.
5. 1985. Marine turtle drain. Hamadryad 10(1/2):16.
6. 1985. Indian turtles: a field guide. World Wildlife Fund– India, Calcutta. 119 pp. (Marathi edition, "Bharatatil kasve" published 1993 by Oxford University Press, Bombay.)
7. 1986. Marine turtle conservation: the tribal connection. Marine Turtle Newsletter (36):2–3.
8. 1986. The diversity and utilisation of land tortoises in tropical Asia. Tigerpaper 13(3):18–21.
9. 1986. Captive river terrapins of a Sunderbans village. British Herpetological Society Bulletin (17):31–33.
10. 1986. The 'drummers' last stand. World Wildlife Fund–India Special Publication 1986:12–15.
11. 1986. A survey of the batagur turtle of the Sunderbans with notes on other reptiles. Hamadryad 11(3):3–8.
12. 1987. Natural history of the Indian salamander. Herpetofauna News (9):3.
13. 1987. Learning turtles. Science Today 21(11):62–63.
14. 1987. Status and distribution of estuarine turtles in India. Marine Fisheries Information Service (72):21–22.
15. 1987. Distribution of the keeled box turtle *Pyxidea mouhotii* (Gray). Journal of the Bombay Natural History Society 84(1):221–222.

16. 1987. New locality record for the Indian peacock softshell turtle *Trionyx hurum*. Journal of the Bombay Natural History Society 84(3):691–692.
17. 1988. Defensive behaviour in the Indian roofed turtle *Kachuga tecta* (Gray). Journal of the Bombay Natural History Society 85(1):197–198.
18. 1988. The marsh mongoose. Hornbill 1988(2):14–15.
19. 1988. On a collection of some Amphibia and Chelonia from Meghalaya. Hamadryad 13(2):18–20.
20. 1989. Of djinns, prophets and turtles. The New Road, WWF Network (9):3.
21. 1989. Batagur baska in Orissa. Hamadryad 14(1):2–3.
22. 1989. Ectoparasites of turtles from south India. Hamadryad 14(1):9.
23. 1989. Indian monitor lizards: A review of human utilisation patterns. Hamadryad 14(1):16–19.
24. 1989. Status of research and conservation of freshwater turtles and land tortoises in India. Turtles and Tortoises (Newsletter, IUCN/SSC Tortoise and Freshwater Turtle Specialist Group) (4):11–12. (R. Whitaker & I. Das.)
25. 1989. Turtle status scenario in Bangladesh. Turtles and Tortoises (Newsletter, IUCN/SSC Tortoise and Freshwater Turtle Specialist Group) (4):12–16.
26. 1989. Asian land tortoises. Sanctuary Asia 9(4):40–47.
27. 1989. Amphibian records needed for India. Hamadryad 14(2):30–31.
28. 1989. Voices of an Indian night. Hamadryad 14(2):32–35.
29. 1989. Turtles of the world (Book Review). Hamadryad 14(2):18–22.
30. 1989. New evidence of the occurrence of water monitor (*Varanus salvator*) in Meghalaya. Journal of the Bombay Natural History Society 86(2):253–255.
31. 1990. The world of the amphibians (Book Review). Bulletin of the Chicago Herpetological Society 25(1):12.
32. 1990. Intergradation between *Melanochelys trijuga trijuga* and *M. t. coronata* (Testudines: Emydidae: Batagurinae). Asiatic Herpetological Research 3:52–53. (I. Das & P.C.H. Pritchard.)
33. 1990. Mother mollusc. The India Magazine 10(7):44–49.
34. 1990. The trade in freshwater turtles from Bangladesh. Oryx 24(3):163–166.
35. 1990. Bangladesher bonnyoprani (Book Review). Herpetological Review 21(1):26–27.
36. 1990. Amphibians from India– some further species. Journal of the Bombay Natural History Society 87(2):310–312.
37. 1990. Distributional records for chelonians from north-eastern India. Journal of the Bombay Natural History Society 87(1):91–97.
38. 1990. Notes on the land tortoises of Bangladesh. Journal of the Bombay Natural History Society 87(1):155–156.
39. 1990. Unusual preservation of a Cretaceous turtle fossil. Journal of the Geological Society of India 36:519–522. (K. Ayyasami & I. Das.)
40. 1990. Colour guide to the snakes of Sri Lanka (Book Review). The Snake 22(2):140–141.
41. 1990. Herpetological investigations in the Western Ghats, south India. Part I. The Vanjikadavu and Nadukani forests, Kerala State. Hamadryad 15(1):6–9. (I. Das & R. Whitaker.)

42. 1990. Scrubland *Calotes nemoricola*? Hamadryad 15(1):29–30. (R. Whitaker & I. Das.)
43. 1991. Record of the Indian roofed turtle *Kachuga tecta* (Gray) from estuarine environment. Records of the Zoological Survey of India 88(3 & 4):357–359.
44. 1991. Morphometrics of *Eryx conicus* (Schneider) from a locality in south India (Reptilia: Squamata: Boidae). Hamadryad 16(1/2):21–24.
45. 1991. Zoogeography of Indian amphibians: distribution, diversity and spatial relationships (Book Review). Hamadryad 16(1/2):33.
46. 1991. Lizards of the Orient: a checklist (Book Review). Hamadryad 16(1/2):35.
47. 1991. Colour guide to the turtles and tortoises of the Indian subcontinent. R & A Publishing Limited, Portishead. iv + 133 pp + 16 colour plates.
48. 1991. The taxonomic status of the Pleistocene turtle *Geoclemys sivalensis*. Journal of Herpetology 25(1):104–107.
49. 1991. A new species of *Mabuya* from Tamil Nadu State, southern India (Squamata: Scincidae). Journal of Herpetology 25(3):342–344.
50. 1991. A new species of *Eryx* (Serpentes: Squamata: Boidae) from southwestern India. Journal of the Bombay Natural History Society 88(1):92–97.
51. 1991. Turtle conservation programme at Madras Crocodile Bank. Tigerpaper 19(1):16–18.
52. 1992. *Cnemaspis madarensis* Sharma (1980), a junior synonym of *Eublepharis macularius* (Blyth, 1854). Asiatic Herpetological Research 4:55–56.
53. 1992. Eggs and hatchlings of some lizards from Borneo. Hamadryad 17:42–45.
54. 1992. Notes on egg sizes and ticks of the yellow-lipped sea krait (*Laticauda colubrinus*) on Pulau Punyit, Brunei Darussalam. Hamadryad 17:45–46.
55. 1992. Recent additions and taxonomic rearrangement of the herpetofauna of the Indian subcontinent. Hamadryad 17:49–52.
56. 1992. Frogs of Sabah (Book Review). Hamadryad 17:54–55.
57. 1993. Herbivory in the green frog (*Rana hexadactyla*). In: Proceedings of the First Asian Herpetological Meeting, 15–20 July, 1992. Huangshan, Anhui, China. Er-Mi Zhao and T. J. Papenfuss (Eds). pp:336–337. China Forestry Press, Beijing.
58. 1993. The amphibian community at Batu Apoi, a lowland dipterocarp forest in Brunei Darussalam, north-western Borneo. In: Proceedings of the First Asian Herpetological Meeting, 15–20 July, 1992. Huangshan, Anhui, China. Er-Mi Zhao and T. J. Papenfuss (Eds). pp:337. China Forestry Press, Beijing.
59. 1993. Amphibians. Batu Apoi Forest Reserve. Universiti Brunei Darussalam, Bandar Seri Begawan. 6 pp.
60. 1993. Reptiles. Batu Apoi Forest Reserve. Universiti Brunei Darussalam, Bandar Seri Begawan. 6 pp.
61. 1993. The world of turtles and crocodiles. National Book Trust, New Delhi. 64 pp. (I. Das, R. Whitaker & Z. Whitaker.). Assamese edition Kachu aru kumbhira (1995; 64 pp.); Urdu edition Kachua aur maggarmach (1995; 64 pp.); Bengali edition Jibjagater kochchop o kumir (1995; 64 pp.); Tamil edition Aamai Mudalai Ulagam (1995; 64 pp).
62. 1993. Lombok. The edge of the Orient. Sanctuary Asia 13(4):34–39.

63. 1993. Annandale's seasnake, *Kolpophis annandalei* (Laidlaw, 1901): a new record for Borneo (Reptilia: Serpentes: Hydrophiidae). Raffles Bulletin of Zoology 41(2):359-361.
64. 1993. Vernacular names of some southeast Asian amphibians and reptiles. Sarawak Museum Journal 34:123-139.
65. 1993. *Cnemaspis gordongekkoi*, a new gecko from Lombok, Indonesia, and the biogeography of Oriental species of *Cnemaspis* (Squamata: Sauria: Gekkonidae). Hamadryad 18:1-9; Pl. 1.
66. 1993. Amphibians and reptiles recorded from the Lambir Hills National Park, Sarawak, East Malaysia. Hamadryad 18:17-23. (I. Das & J.K. Charles.)
67. 1993. A contribution to the herpetology of Bako National Park, Sarawak, East Malaysia. Hamadryad 18:24-27. (I. Das & J.K. Charles.)
68. 1993. The snakes of Thailand and their husbandry (Book Review). Hamadryad 18:54-55.
69. 1994. Evaluating biodiversity: the Batu Apoi experience. Ambio 23(4/5):238-242.
70. 1994. Dental morphology and diet in anuran amphibians from south India. Journal of Zoology, London 231(7):417-427. (I. Das & M. Coe.)
71. 1994. Herpetological philately. Bulletin of the Chicago Herpetological Society 29(9):200-202.
72. 1994. Amphibian studies (p:279); Tree frogs (p:282); Amphibian diversity (p:283); Reptile diversity at Belalong (p:285); Turtles and tortoises (pp:285-286); Household friends (p:287), Lizards of Belalong (pp:288-289); Snakes of Belalong forest (pp:290-291). In: Belalong: a tropical rainforest. The Earl of Cranbrook & D.S. Edwards (Eds). The Royal Geographical Society, London and Sun Tree Publishing Pte Ltd., Singapore.
73. 1994. The internal oral morphology of some anuran larvae from south India: a scanning electron microscopic study. Amphibia-Reptilia 15:249-256.
74. 1994. The reptiles of south Asia: a checklist and distributional summary. Hamadryad 19:15-40.
75. 1994. The identity of the Plio-Pleistocene turtle *Geoemyda pilgrimi* Prasad and Satsangi, 1967 (Testudines: Bataguridae). Hamadryad 19:41-46.
76. 1994. Some notable records of Testudines from the Indian and Burmese Subregions. Hamadryad 19:47-66. (J.G. Frazier & I. Das.)
77. 1994. Observations on the diet and microhabitat use by *Platymantis dorsalis* A. Duméril, 1853 (Anura: Ranidae) at Mount Makiling, Los Baños, Philippines. Hamadryad 19:76-78. (I. Das & J.K. Charles.)
78. 1994. A check-list of the amphibians and reptiles of Andaman and Nicobar Islands. Journal of the Andaman Science Association 10 (1 & 2):44-49.
79. 1994. Two snakes new to Andaman and Nicobar Islands. Journal of the Andaman Science Association 10 (1 & 2):114-115. (I. Das & K. Chandra.)
80. 1995. World's largest population of nesting turtles threatened. Species (23):26-27.
81. 1995. Natural history note: *Rana temporalis* (golden frog). Ecology. Herpetological Review 26(1):23.

82. 1995. Size-gradation in syntopic frogs in south India. *Asiatic Herpetological Research* 6:38–44.
83. 1995. India's turtles and tortoises. *Sanctuary Asia* 15(3):35–41.
84. 1995. India's amphibians. *Sanctuary Asia* 15(3):42–48.
85. 1995. Amphibians and reptiles recorded at Batu Apoi, a lowland dipterocarp forest in Brunei Darussalam. *Raffles Bulletin of Zoology* 43(1):157–180.
86. 1995. Comparative morphology of the gastrointestinal tract in relation to diet in frogs from a locality in south India. *Amphibia-Reptilia* 16:289–293.
87. 1995. A new species of tree frog (genus *Polypedates*) from Great Nicobar, India (Anura: Rhacophoridae). *Hamadryad* 20:13–20.
88. 1995. An illustrated key to the turtles of insular south-east Asia. *Hamadryad* 20:27–32. Reprinted in: *International Congress of Chelonian Conservation. Proceedings*. pp:77–80. SOPTOM (Ed.). Editions Soptom, Gonfaron.
89. 1995. The Bengal monitor (Book Review). *Hamadryad* 20:37–38.
90. 1995. *Turtles and tortoises of India*. Oxford University Press, Bombay. x + 176 pp + 16 colour plates.
91. 1996. Resource use and foraging tactics in a south Indian amphibian community. *Journal of South Asian Natural History* 2(1):1–30.
92. 1996. *Limnonectes shompenorum*, a new species of ranid frog of the *Rana macrodon* complex from Great Nicobar, India. *Journal of South Asian Natural History* 2(1):60–67.
93. 1996. First record of *Heosemys spinosa* from the Philippines, with biogeographic notes. *Chelonian Conservation and Biology* 2(1):80–82.
94. 1996. Bibliography of the king cobra (*Ophiophagus hannah*). *Smithsonian Herpetological Information Service* (108):1–24. (I. Das & R. Whitaker.)
95. 1996. Geographic distribution: *Rana chalconota* (copper-cheeked frog). *Herpetological Review* 27(1):30.
96. 1996. Handbook: Indian lizards (Book Review). *Herpetological Review* 27(1):44–46.
97. 1996. *Biogeography of the reptiles of south Asia*. Krieger Publishing Company, Malabar, Florida. 16 colour plates + ix + 87 pp.
98. "1995" 1996. Aspects of the biodiversity and biogeography of Sri Lanka. *Lyriocephalus* 2(1 & 2):17–20.
99. "1995" 1996. Systematics and the herpetofauna of Sri Lanka. *Lyriocephalus* 2(1 & 2):69–70.
100. 1996. Folivory and seasonal changes in diet in *Rana hexadactyla* (Anura: Ranidae). *Journal of Zoology*, London 238(4):785–794.
(extracted in 1996 *BBC Wildlife*, London 14(9):22 ['Make mine a salad'], 1996 *Herpetological Review*, Oxford, Ohio 27(3):114 ['Herbivorous frogs?'], 1997 *Illustreret Videnskab*, Copenhagen (5):26 ['Biolger finder verdens første vegetarfrø'], 1997 *Sri Lanka Nature*, Colombo 1(1):37 ['Keeping up with the wasps...'] and 1998 *Nature Australia*, Sydney 26(1):13–14 ['Leaf-eating frog'].)
101. 1996. Reproductive strategy and lipid mobilization in *Rana hexadactyla* at a seasonal locality. *Ethology, Ecology and Evolution* 8(2):125–133.
102. 1996. A directory of herpetologists in south Asia. *Amphibia and Reptile Research Organisation of Sri Lanka, Peradeniya*. 48 pp. (I. Das & A. de Silva.)

103. 1996. Herpetology of China (Book Review). *Raffles Bulletin of Zoology* 44(1):317–319
104. 1996. Spatio-temporal resource utilization by a Bornean rainforest herpetofauna: preliminary results. In: *Tropical Rainforest Research: current Issues*. pp:315–323. D.S. Edwards, W.E. Booth & S.C. Choy (Eds). Kluwer Academic Publishers, Dordrecht.
105. 1996. The IUCN/SSC South Asian Reptile and Amphibian Specialist Group. In: *International Conference on the Biology & Conservation of the Amphibians & Reptiles of South Asia*. Abstracts. pp:3–4. A. de Silva (Ed). Amphibia and Reptile Research Organization of Sri Lanka (ARROS), Gampola.
106. 1996. Country report for Bhutan. In: *International Conference on the Biology & Conservation of the Amphibians & Reptiles of South Asia*. Abstracts. p:8. A. de Silva (Ed). Amphibia and Reptile Research Organization of Sri Lanka (ARROS), Gampola.
107. 1996. History of herpetology in southern Asia. In: *International Conference on the Biology & Conservation of the Amphibians & Reptiles of South Asia*. Abstracts. p:30–31. A. de Silva (Ed). Amphibia and Reptile Research Organization of Sri Lanka (ARROS), Gampola.
108. 1996. Leaf litter herpetofauna in Sri Lanka Preliminary results. In: *International Conference on the Biology & Conservation of the Amphibians & Reptiles of South Asia*. Abstracts. pp:3–4. A. de Silva (Ed). Amphibia and Reptile Research Organization of Sri Lanka (ARROS), Gampola. (I. Das & A. de Silva.)
109. 1996. *Freshwater turtles: a colouring book for children*. People's Trust for Endangered Species, London. 20 pp.
110. 1996. Status of knowledge of the biology and conservation of non-marine turtles of the Philippines. In: *International Congress of Chelonian Conservation*. Proceedings. pp:81–83. SOPTOM (Ed.). Editions Soptom, Gonfaron.
111. 1996. Overview: The Asia-Pacific region. In: *International Congress of Chelonian Conservation*. Proceedings. p:98. SOPTOM (Ed.). Editions Soptom, Gonfaron.
112. 1996. Publish *and* perish! (Editorial). *Hamadryad* 21:1–3. (I. Das, R. Whitaker & H.V. Andrews.)
113. 1996. Amphibians and reptiles of North Africa. *Biology, systematics, field guide* (Book Review). *Hamadryad* 21:49–51.
114. 1996. *Sarzameen-a-Pakistan kay samp* (Book Review). *Hamadryad* 21:51–52.
115. 1996. Meetings: International Conference on the Biology and Conservation of the South Asian Amphibians and Reptiles. *Hamadryad* 21:66–67.
116. 1996. The validity of *Dibamus nicobaricum* (Fitzinger in Steindachner, 1867)(Squamata: Sauria: Dibamidae). *Russian Journal of Herpetology* 3(2):157–162.
117. 1996. Snakes. In: *Indonesian heritage*. Volume 5. pp:32–33. Wildlife. T. Whitten & J. Whitten (Eds). Editions Didier Millet/Archipelago Press, Singapore.
118. 1996. Lizards. In: *Indonesian heritage*. Volume 5. pp:34–35. Wildlife. T. Whitten & J. Whitten (Eds). Editions Didier Millet/Archipelago Press, Singapore.
119. 1997. Do 'You come first'? *The Economic Times* 18 April, 1997:11.
120. 1997. A survey of the flora and fauna of Pulau Punyit, Brunei Darussalam. *Sandakania* 9:55–66. (W.E. Booth, K.-M. Wong, A.S. Kamariah, S.C. Choy & I. Das.)

121. 1997. Rediscovery of *Lipinia macrotyimpanum* (Stoliczka, 1873) from the Nicobar Islands, India. *Asiatic Herpetological Research* 7:23–26.
122. 1997. Resolution of the systematic status of *Eublepharis macularius fuscus* Börner, 1981 (Eublepharidae: Sauria: Squamata). *Hamadryad* 22(1):13–20.
123. 1997. *Philautus sanctisilvaticus* (Anura: Rhacophoridae), a new frog from the sacred groves of Amarkantak, central India. *Hamadryad* 22(1):21–27. (I. Das & S.K. Chanda.)
124. 1997. Checklist of the reptiles of India, with English common names. *Hamadryad* 22(1):32–45.
125. 1997. The systematic status of *Nyctibatrachus sanctipalustris modestus* Rao, 1920 (Anura: Ranidae). *Hamadryad* 22(1):48–49. (S.K. Chanda & I. Das.)
126. 1997. Rediscovery of the holotypes of *Ophisops jerdoni* Blyth, 1853 and *Barkudia insularis* Annandale, 1917. *Hamadryad* 22(1):53–55. (I. Das & B. Dattagupta.)
127. 1997. Dates of publication of *Hamadryad* (Vols. 1–21). *Hamadryad* 22(1):64.
128. 1997. Bibliography of the herpetology of the Andaman and Nicobar Islands. *Hamadryad* 22(1):68–72. (I. Das & H.V. Andrews.)
129. 1997. South Asian Reptile and Amphibian Specialist Group. *Species* (28):58.
130. 1997. A reassessment of *Hardella isoclina* Dubois, 1908 (Testudines: Bataguridae) from the Trinil beds of the Javan Pleistocene. *The Herpetological Journal* 7(2):71–73.
131. 1997. Herpetological explorations in the Andaman and Nicobar Islands. In: *Herpetology '97. Abstracts of the Third World Congress of Herpetology*. 2–10 August, 1997. pp:50. Z. Rocek & S. Hart (Eds). Third World Congress of Herpetology, Prague.
132. 1997. A new species of *Cyrtodactylus* from the Nicobar Islands, India. *Journal of Herpetology* 31(3):375–382.
133. 1997. *Lizards*. National Book Trust, New Delhi. 32 pp. (I. Das & R. Whitaker.) (reprinted 2000; 2003.)
134. 1997. The venomous sea snakes: A comprehensive bibliography (Book Review). *Raffles Bulletin of Zoology* 45(1):166.
135. 1997. On Chinese reptile types collected during the Second Forsyth Expedition to Yarkand, Eastern Turkestan (1873). *Sichuan Journal of Zoology* 16(4):168–170. (In English with Chinese abstract.)
136. 1997. A redescription of *Ramanella marmorata* Rao, 1937 (Anura: Microhylidae). *Alytes* 15(3):127–132. (I. Das & R. Whitaker.)
137. 1997. *Kachuga sylhetensis* recorded from northern Bengal, with notes on turtles of Gorumara National Park, eastern India. *Chelonian Conservation and Biology* 2(4):616–617.
138. 1997. The amphibian fauna of Sri Lanka (Book Review). *Herpetological Review* 28(4):220–221.
139. 1997. Conservation problems of tropical Asia's most threatened turtles. In: *Proceedings: Conservation, restoration and management of tortoises and turtles: An International Conference*. pp:295–301. J. van Abbema (Ed). American Museum of Natural History, New York.

140. 1997. Identifying areas of high herpetological diversity in the Western Ghats, Southwestern India. In: Proceedings: Conservation, restoration and management of tortoises and turtles: An International Conference. pp:414–416. J. van Abbema (Ed). American Museum of Natural History, New York.
141. “1997” 1998. The frog that wear a mask on its bottom! *Lyriocephalus* 3(2):31.
142. 1998. A new species of *Polypedates* (Anura: Rhacophoridae) from the Western Ghats, India, allied to the Sri Lankan *P. cruciger* Blyth, 1852. *Hamadryad* 22(2):88–94. (I. Das & M. S. Ravichandran.)
143. 1998. A record of *Gehyra mutilata* (Wiegmann, 1835) from northern India (Sauria: Gekkonidae). *Hamadryad* 22(2):118–119.
144. 1998. Rediscovery of the holotype of *Leiurus berdmorei* Blyth, 1853 (Sauria: Gekkonidae). *Journal of South Asian Natural History* 3(1):51–52. (I. Das & B. Dattagupta.)
145. 1998. A new species of *Boiga* (Serpentes: Colubridae) from the Nicobar Archipelago. *Journal of South Asian Natural History* 3(1):59–67.
146. 1998. A new species of *Philautus* (Anura: Rhacophoridae) from the Eastern Ghats, south-eastern India. *Journal of South Asian Natural History* 3(1):103–112. (I. Das and S.K. Chanda.)
147. 1998. Scolecophidian arboreality revisited. *Herpetological Review* 29(1):15–16. (I. Das & V. Wallach.)
148. 1998. Pigs *can* fly! *Sri Lanka Nature* 1(2):6–9.
149. 1998. Borneo. Rainforest extraordinaire. *Sanctuary Asia* 18(1):14–25.
150. 1998. Preface. In: Captive care of common Indian frogs and toads. pp:iv. Text by Brij Kishor Gupta. Coimbatore Zoological Park & Conservation Centre, Coimbatore. (2) + iv + 28 pp.
151. 1998. New species of *Cnemaspis* (Reptilia: Gekkonidae) from Southeastern Thailand. *Copeia* 1998(2):439–444. (A.M. Bauer & I. Das.)
152. 1998. Systematics and biogeography of Bornean geckos of the genus *Cnemaspis* Strauch, 1887 (Sauria: Gekkonidae), with the description of a new species. *Raffles Bulletin of Zoology* 46(1):11–28. (I. Das & A.M. Bauer.)
153. 1998. A remarkable new species of ranid (Anura: Ranidae) with phytotelmonous larvae, from Mount Harriet, Andaman Islands. *Hamadryad* 23(1):41–49.
154. 1998. Checklist of the amphibians of India, with English common names. *Hamadryad* 23(1):50–55. (I. Das & S.K. Dutta.)
155. 1998. Addenda to the bibliography of the herpetology of the Andaman and Nicobar Islands. *Hamadryad*. 23(1):71–72. (H.V. Andrews & I. Das.)
156. 1998. Osteology of the reptiles by Alfred Sherwood Romer (Book Review). *Hamadryad* 23(1):83.
157. 1998. A field guide to Australian frogs (Book Review). *Hamadryad* 23(1):83.
158. 1998. Animal Farm. *Seminar* (466):50–52.
159. 1998. Basking behavior, sweating and thermal ecology of the Indian tree frog, *Polypedates maculatus*. *Journal of Herpetology* 32(2):169–175. (H.B. Lillywhite, A.K. Mittal, T.K. Garg & I. Das.)
160. 1998. A new species of *Rana* from the Terai of Nepal. *Journal of Herpetology* 32(2):223–229.

161. 1998. Herpetological bibliography of Indonesia. Krieger Publishing Company, Malabar, Florida. (2) + 92 pp.
162. 1998. *Bufo fergusonii* (Ferguson's toad). Ecology. Herpetological Review 29(3):164. (I. Das & G.N. Martin.)
163. 1998. *Pedostibes tuberculosus* (Malabar tree toad). Geographic Distribution. Herpetological Review 29(3):173. (I. Das & R. Whitaker.)
164. 1998. The serpent's tongue. A contribution to the ethnoherpetology of India and adjacent countries. Edition Chimaira, Frankfurt am Main. 122 pp.
165. 1998. History and catalogue of reptile types in the collection of the Zoological Survey of India. Journal of South Asian Natural History 3(2):121–172. (I. Das, B. Dattagupta & N.C. Gayen.)
166. 1998. Rediscovery of *Calotes andamanensis* Boulenger, 1891, and a reassessment of the type locality. Journal of the Bombay Natural History Society 95(3):513–514. (N.M. Ishwar & I. Das.)
167. 1998. Catalogue of herpetological types in the collection of the Bombay Natural History Society. Hamadryad 23(2):150–156. (I. Das & N. Chaturvedi.)
168. 1998. A checklist of chromosome numbers of south Asian reptiles. Hamadryad 23(2):179–193. (I. Das & H. Ota.)
169. 1998. A photographic guide to snakes and other reptiles of Peninsular Malaysia, Singapore and Thailand (Book Review). Hamadryad 23(2):197.
170. 1998. Amphibians and reptiles of Mongolia. The vertebrates of Mongolia. (Book Review). Hamadryad 23(2):198.
171. 1998. Country report for Bhutan. Herpetofauna of Bhutan: present status, distribution and conservation. In: Biology and conservation of the amphibians, reptiles and their habitats in south Asia. pp:18–19. A. de Silva (Ed). Amphibia and Reptile Research Organization of Sri Lanka, Peradeniya.
172. 1998. History of herpetology in southern Asia. In: Biology and conservation of the amphibians, reptiles and their habitats in south Asia. pp:74. A. de Silva (Ed). Amphibia and Reptile Research Organization of Sri Lanka, Peradeniya.
173. 1998. Species diversity and species richness of the leaf litter herpetofauna in Sri Lanka: preliminary results. In: Biology and conservation of the amphibians, reptiles and their habitats in south Asia. pp:285–293. A. de Silva (Ed). Amphibia and Reptile Research Organization of Sri Lanka, Peradeniya. (I. Das & A. de Silva.)
174. 1998. Systematic status of *Lygosoma himalayanum tragbulensis* Alcock, "1897" 1898 (Sauria: Scincidae) collected by the Pamir Boundary Commission, 1885. Russian Journal of Herpetology 5(2):147–150. (I. Das, B. Dattagupta & N.C. Gayen.)
175. 1998. A new species of xinjiangchelyid (Testudines: Cryptodira: Xinjiangchelyidae) from the Cretaceous of southern India. Russian Journal of Herpetology 5(2):151–154. (I. Das, K. Ayyasami & P. Yadagiri.)
176. 1998. A contribution to the ethnozoology of the Karens in the Andaman Islands. Indian Journal of Biodiversity 2(1&2):3–5.
177. 1999. The fauna of India and adjacent countries. Reptilia. Volume 1 (Testudines and Crocodylia). (Book Review). Herpetological Review 30(1):61–63.
178. 1999. North Carolina reptiles and amphibians of historical note in the collection of the Zoological Survey of India. Journal of Elisha Mitchell Scientific Society 115(1):1–7. (A.M. Bauer & I. Das.)

179. 1999. Frogs are falling silent. *Down to Earth* 1999(5):30–333.
180. 1999. A field guide to the frogs of Borneo (Book Review). *Herpetological Review* 30(2):122–123.
181. 1999. A Kansas snake community: composition and changes over 50 years (Book Review). *Hamadryad* 24(1):54.
182. 1999. A noteworthy collection of mammals from Mount Harriet, Andaman Islands, India. *Journal of South Asian Natural History* 4(1):181–185.
183. 1999. The systematic status of the endemic south Indian gecko *Hemiphyllodactylus aurantiacus* (Beddome, 1870). *Journal of South Asian Natural History* 4(2):213–218. (A.M. Bauer & I. Das.)
184. 1999. Biogeography of the amphibians and reptiles of the Andaman and Nicobar Islands. In: *Tropical island herpetofauna. Origin, current diversity and conservation*. pp:43–77. H. Ota (Ed). Elsevier Science B.V., Amsterdam.
185. 1999. *Turtles of Borneo and Peninsular Malaysia*. Natural History Publications (Borneo), Sdn. Bhd., Kota Kinabalu. xii + 151 pp. (B.L. Lim & I. Das.)
186. 1999. A note on predation of *Ptychozoon kuhli* by *Dendrelaphis formosus* (Reptilia: Squamata). *Malayan Nature Journal* 53(4):349–350.
187. 1999. Translation of the original description of *Vipera obtusa* Dwigubsky, 1832 (Serpentes: Viperidae: Viperinae), with designation of a neotype. *Russian Journal of Herpetology* 6(3):193–198. (P. David, N.B. Ananjeva, I. Das & M. Golubev.)
188. "1999" 2000. *Anguis melanostictus* Schneider, 1801, a valid species of *Barkudia* (Sauria: Scincidae) from southeastern India. *Asiatic Herpetological Research* 8:13–17.
189. "1999" 2000. The dates of publication of amphibian and reptile names by Blanford and Stoliczka in the *Journal and Proceedings of the Asiatic Society of Bengal*. *Asiatic Herpetological Research* 8:18–24.
190. 2000. King cobra. Spirit of earth and water. *Reptiles* 8(4):32–37.
191. 2000. *Philippine Amphibians. An illustrated field guide* (Book Review) *Hamadryad* 25(1):52.
192. 2000. *Amfibi Jawa dan Bali* by Djoko Iskandar (Book Review) *Hamadryad* 25(1):52–53.
193. 2000. Polyphyly of *Tomopterna* (Amphibia: Ranidae) based on sequences of the mitochondrial 16S rRNA genes, and ecological biogeography of Malagasy relict amphibian groups. In: *Diversité et endémisme à Madagascar*. W.R. Lourenço & S.M. Goodman (Eds). *Mémoires de la Société de Biogéographie*: 229–242. (M. Vences, F. Glaw, J. Kosuch, I. Das & M. Veith.)
194. 2000. A new species of *Scutiger* (Anura: Megophryidae) from Nagaland, north-eastern India. *Herpetological Journal* 10(2):69–72. (I. Das & S.K. Chanda.)
195. 2000. A field guide to the snakes of Borneo (Book Review). *Herpetological Review* 33(1):124–126.
196. 2000. Two new species of *Cnemaspis* (Sauria: Gekkonidae) from Tamil Nadu, southern India. *Russian Journal of Herpetology* 7(1):17–28. (I. Das & A.M. Bauer.)
197. 2000. A new species of *Cnemaspis* (Sauria: Gekkonidae) from Assam, north-eastern India. *Journal of South Asian Natural History* 5(1):17–24. (I. Das & S. Sengupta.)

198. 2000. A review of the gekkonid genus *Calodactylodes* (Reptilia: Squamata) from India and Sri Lanka. *Journal of South Asian Natural History* 5(1):25–35. (A.M. Bauer & I. Das.)
199. 2000. New and rediscovered geckos from peninsular India: implications for biogeography. In: Fourth Asian Herpetological Conference, Chengdu. p:45. Chengdu Institute of Biology, Chengdu. (A.M. Bauer & I. Das.)
200. 2000. Biogeography of the lizards of Borneo. In: Fourth Asian Herpetological Conference, Chengdu. p:60. Chengdu Institute of Biology, Chengdu.
201. 2000. A record of *Crocodylus raninus* Müller & Schlegel, 1844, from Brunei, north-western Borneo. *Sabah Parks Nature Journal* 3:1–5. (I. Das & J.K. Charles.)
202. 2000. Nomenclatural status of Fitzinger's (1861) *Pseudocalotes archiducissae*, and confirmation of *Bronchocela cristatella* (Kuhl, 1820) from the Nicobar Archipelago (Squamata: Sauria: Agamidae). *Herpetozoa* 13(1/2):55–58. (I. Das & R. Gemel.)
203. 2000. Nomenclatural history and rediscovery of *Rhacophorus lateralis* Boulenger, 1883 (Amphibia: Anura: Rhacophoridae). *Current Herpetology* 19(1):35–40.
204. 2000. *Limnonectes andamanensis* (Andaman paddyfield frog) x *L. limnocharis* (cricket frog) Wild hybrids. *Herpetological Review* 31(3):170.
205. 2000. Biological conservation in Myanmar. *Tigerpaper* 27(3):21–25.
206. 2000. Herpetological contributions of Edward Bartlett (ca. 1836–1908), pioneering herpetologist in Borneo. *Newsletter and Bulletin of the International Society for the History and Bibliography of Herpetology* 2(1):17–19.
207. 2000. Updates in amphibian systematics and nomenclature for the Indian region. *Biodiversity India, Indian Society for Conservation Biology Newsletter* (8–12):3–5.
208. 2000. *Kalophrynus* (Anura: Microhylidae), a new genus for India, with the description of a new species, *Kalophrynus orangensis*, from Assam State. *Hamadryad* 25(2):67–74. (S.K. Dutta, M.F. Ahmed & I. Das.)
209. 2000. Catalogue of amphibian types in the collection of the Zoological Survey of India. *Hamadryad* 25(2):100–128. (S.K. Chanda, I. Das & A. Dubois.)
210. 2000. A herpetological collection from Bhutan, with new country records. *Herpetological Review* 31(4):256–258. (I. Das & J. Palden.)
211. 2000. A new species of *Cyrtodactylus* (Sauria: Gekkonidae) from Pulau Tioman, Malaysia. *Raffles Bulletin of Zoology* 48(2):223–231. (I. Das & L.J. Lim.)
212. 2000. Recommended changes to 1996 IUCN Red List status of Asian turtle species. In: *Asian turtle trade: Proceedings of a workshop on conservation and trade of freshwater turtles and tortoises in Asia*. pp:156–164. P.P. van Dijk, B.L. Stuart & A.G.J. Rhodin (Eds). *Chelonian Research Monograph* 2. (S. Bhupathy, K.A. Buhlmann, B. Chan, T.-H. Chen, B.C. Choudhury, I. Das, P.P. van Dijk, F. Hanfee, D.R. Hendrie, D.T. Iskandar, R. Kan, S.M. Manjurul Hannan Khan, M. Lau, H.Ota, T. Palasuwan, S.G. Platt, S.M.A. Rashid, A.G.J. Rhodin, D.S.K. Sharma, C.R. Shepard, S. Haitao, B.L. Stuart, R.J. Timmins & Y. Yasukawa.)
213. 2001. *Die Schildkröten des Indischen Subkontinents*. Edition Chimaira, Frankfurt am Main. 160 pp.

214. 2001. A guide to the herpetological literature of Sri Lanka. *Herpetological Review* 32(3):205–207. (I. Das & A.M. Bauer.)
215. 2001. A new *Bufo* (Anura: Bufonidae) from the peat swamps of Selangor, West Malaysia. *Raffles Bulletin of Zoology* 49(1):1–6. (I. Das & K.K.P. Lim.)
216. 2001. Catalogue of herpetological types in the collection of the Raffles Museum of Biodiversity Research, National University of Singapore. *Raffles Bulletin of Zoology* 49(1):7–11. (I. Das & K.K.P. Lim.)
217. 2001. *Leptobrachium smithi* Matsui, Nabhitabhata & Panha, 1999 (Anura: Megophryidae), a new record for India. *Journal of the Bombay Natural History Society* 98(2):289–291. (S. Sengupta, N.K. Choudhury & I. Das.)
218. 2001. Guest Editorial: Amphibian diversity and the status of research in Sri Lanka. In: *The Amphibia of Sri Lanka: recent research*. pp:6–7. A. de Silva (Ed). *Lyriocephalus* 4(1 & 2). Amphibia and Reptile Research Organisation of Sri Lanka, Peradeniya.
219. 2001. Comparison of the amphibian faunas of southern and south-east Asia. In: *Abstracts, Fourth World Congress of Herpetology*. p:145. A. de Silva (Compiler). *Fourth World Congress of Herpetology*, Gampola.
220. 2001. Biodiversity and biogeography of the herpetofauna of southern Asia (pp:1–38), Status of herpetofauna of Bhutan (I. Das & J. Palden; pp:59–62) and Threatened herpetofauna of India (pp:63–70). In: *An overview of the threatened herpetofauna of south Asia*. C. N. B. Bambaradeniya & V. N. Samarasekara (Eds). IUCN Sri Lanka and Asia Regional Biodiversity Programme, Colombo.
221. 2002. Amphibians of the Indo-Pacific region: conservation of neglected biodiversity. In: *Terrestrial ecoregions of the Indo-Pacific. A conservation assessment*. pp:47–49. E. Wikramanayake, E. Dinerstein, C. Loucks, D.M. Olson, J. Morrisson, J. Lamoreux, M. McKnight & P. Hedao (Eds). Island Press, Washington, D.C.
222. “2001” 2002. Phylogenetic relationships among the Asian tortoises of the genus *Indotestudo* (Reptilia: Testudines: Testudinidae). *Hamadryad* 26(2):271–274. (J.B. Iverson, P. Spinks, H.B. Shaffer, W.P. McCord & I. Das.)
223. “2001” 2002. First report on the herpetofauna of Pulau Aur, Johor, West Malaysia. *Hamadryad* 26(2):349–352. (L.L. Grismer, N.S. Yaakob, L.-B. Lim, T.-M. Leong, I. Das, R.A. Sosa, J.L. Grismer, K.M. Crane, R.E. Diaz, S.V. Figueroa, C.A. Ledbetter, S.C. Newbold, S.R. Newbold, C.P. Patel, J. Castro, R.A. Escobar, III, S. Guerrero, J.W. Pinedo & H. Kaiser.)
224. “2001” 2002. The herpetofauna of Pulau Tulai, West Malaysia. *Hamadryad* 26(2):368–370. (L.L. Grismer, N. S. Yaakob, L.-B. Lim, T.-M. Leong, I. Das, R.A. Sosa, J.L. Grismer, K.M. Crane, R.E. Diaz, S.V. Figueroa, C.A. Ledbetter, S.C. Newbold, S.R. Newbold, C.P. Patel, J. Castro, R.A. Escobar, III, S. Guerrero, J.W. Pinedo & H. Kaiser.)
225. “2001” 2002. Obituary: Lawrence Wesley Swan (1922–1999), Raja of the Autonomous Native State of Cooch Nahai. *Hamadryad* 26(2):378–380. (R.C. Drewes & I. Das.)
226. “2001” 2002. Amphibians and reptiles of Madagascar and the Mascarene, Seychelles and Comoro Islands (Book Review) *Hamadryad* 26(2):376.
227. “2001” 2002. Amphibians and reptiles of the Hashemite Kingdom of Jordan. An atlas and field guide (Book Review) *Hamadryad* 26(2):376–377.

228. 2002. An introduction to the amphibians and reptiles of tropical Asia. Natural History Publications (Borneo), Sdn. Bhd., Kota Kinabalu. 207 pp.
229. "2001" 2002. An overlooked but invalid senior synonym of *Chamaeleo monachus* Gray, 1865 (Squamata: Chamaeleonidae). Bonner Zoologische Beiträge 50(1/2):31–34. (W. Böhme & I. Das.)
230. 2002. 'The natural history of crocodiles' (pp:1–4) and 'A bibliography of the crocodiles of Borneo' (pp:112–117). In: Man-eating crocodiles of Borneo. James Ritchie and Johnson Jong (authors). Natural History Publications (Borneo), Sdn. Bhd., Kota Kinabalu.
231. 2002. A photographic guide to the snakes and other reptiles of India. New Holland Publishers (U.K.) Ltd., London. U.S. edition, Ralph Curtis Books, Sanibel Island, Florida. 144 pp. Second edition 2008, New Holland Publishers (U.K.) Ltd., London. Indian edition, Om Books International, New Delhi. 144 pp.
232. 2002. *Lipinia nitens* (Peters, 1871): discovery of a second specimen and redescription of the holotype. Raffles Bulletin of Zoology 50(2):483–485. (I. Das & A.E. Greer.)
233. 2002. Zoogeography of Nepalese amphibians and reptiles. (W. Kästle, H.-H. Schleich, I. Das & C. Anders). pp:93–128; *Elachistodon westermanni* Reinhardt, 1863. pp:857–860. In: Amphibians and reptiles of Nepal. Biology, systematics, field guide. H.-H. Schleich & W. Kästle (Eds). Koeltz Scientific Books, Koenigstein.
234. 2002. India's wildlife history (Book Review) Hamadryad 27(1):158–159.
235. 2002. *Sphenomorphus tersus*. Geographic distribution. Herpetological Review 33(2):149. (T.-M. Leong, N.S. Yaakob & I. Das.)
236. 2003. *Echis carinatus* (front cover photograph and caption for cover). Herpetological Review 34(2):89.
237. 2003. *Ophiophagus hannah* (king cobra). Juvenile diet. Herpetological Review 34(3):253. (I. Das & S. Ghodke.)
238. 2003. A new species of *Kalophrynus* (Anura: Microhylidae) from the highlands of north-central Borneo. Raffles Bulletin of Zoology 51(1):109–113. (I. Das & A. Haas.)
239. 2003. Two new species of *Dibamus* (Squamata: Dibamidae) from Borneo. Raffles Bulletin of Zoology 51(1):137–141. (I. Das & K.K.P. Lim.)
240. 2003. A new species of *Dibamus* (Squamata: Dibamidae) from Peninsular Malaysia. Raffles Bulletin of Zoology 51(1):143–147. (I. Das & N.S. Yaakob.)
241. 2003. The cane toad. The history and ecology of a successful colonist [Book Review]. Hamadryad 27(2):291–292.
242. 2003. Two new species of *Cnemaspis* Strauch, 1887 (Sauria: Gekkonidae) from the Seribuat Archipelago, Pahang and Johor States, West Malaysia. Herpetologica 59(4):546–554. (I. Das & L.L. Grismer.)
243. 2003. A new species of *Gongylosoma* (Squamata: Colubridae) from Pulau Tioman, West Malaysia. Herpetologica 59(4):567–574. (L.L. Grismer, I. Das & T.-M. Leong.)
244. 2003. Growth of knowledge on the reptiles of India, with an introduction to systematics, taxonomy and nomenclature. Journal of the Bombay Natural History Society 100 (Centenary Issue, 2 & 3):446–501.

245. 2003. A new species of the snake genus *Amphiesma* (Serpentes, Colubridae, Natricinae) from Western Sumatra, Indonesia. *Raffles Bulletin of Zoology* 51(2):413–419. (P. David & I. Das.)
246. 2004. A pocket guide. Lizards of Borneo. Natural History Publications (Borneo) Sdn Bhd. Kota Kinabalu. 83 pp.
247. 2004. *Kaestlea*: a new genus of scincid lizards (Scincidae: Lygosominae) from the Western Ghats, south-western India. *Hamadryad* 28(1 & 2):43–50. (V.K. Eremchenko & I. Das.)
248. 2004. Addenda and corrigenda to the catalogue of reptile types in the collection of the Zoological Survey of India. *Hamadryad* 28(1 & 2):95–97. (I. Das & N.C. Gayen.)
249. 2004. On the grammar of the gender of *Ptyas* Fitzinger, 1843 (Serpentes: Colubridae). *Hamadryad* 28(1&2):113–116. (P. David & I. Das.)
250. 2004. A new locality for the rare Bornean skink, *Lamprolepis vyneri* (Shelford, 1905) (Sauria: Scincidae). *Asiatic Herpetological Research* 10:241–244.
251. 2004. *Leptobrachium smithi* Matsui, Nabhitabhata & Panha, 1999 (Anura: Megophryidae), an addition to the fauna of Myanmar (Burma). *Asiatic Herpetological Research* 10:245–246. (I. Das & S.K. Chanda.)
252. 2004. Species diversity and a checklist of the herpetofauna of Pulau Tioman, Peninsular Malaysia, with a preliminary overview of habitat utilisation. *Asiatic Herpetological Research* 10:247–279. (J.L. Grismer, L.L. Grismer, I. Das, N.S. Yaakob, B.-L. Lim, T.-M. Leong, T.Y. Youmans & H. Kaiser.)
253. 2004. Herpetofauna. In: Sarawak Bau limestone biodiversity. H.-S. Yong, F. S. P. Ng & E. E. L. Yen (Eds). *Sarawak Museum Journal* 59(80), new series; Special Issue No. 6:251–265. (M. Naming & I. Das.)
254. 2004. Higher-level molecular phylogenetic relationships of the endemic genus *Lankascincus* from Sri Lanka based on nuclear DNA sequences. In: The herpetology of Sri Lanka: current research (including Proceedings of the Fourth World Congress of Herpetology, Sri Lankan papers and the Nilgala Expedition papers) *Lyriocephalus Special Issue* 5(1 & 2):11–22. (C.C. Austin, I. Das & A. de Silva.)
255. 2004. Vedda rock art in Sri Lanka depicting reptiles with special reference to the golden gecko, *Calodactylodes illingworthorum* (Reptilia: Gekkonidae). In: The herpetology of Sri Lanka: current research (including Proceedings of the Fourth World Congress of Herpetology, Sri Lankan papers and the Nilgala Expedition papers) *Lyriocephalus Special Issue* 5(1 & 2):213–220. (A. de Silva, I. Das, A.M. Bauer & S. Goonewardene.)
256. 2004. A new species of *Calluella* Stoliczka, 1872 (Anura: Microhylidae) from Taman Negara, Pahang State, Peninsular Malaysia. *Raffles Bulletin of Zoology* 52(1):257–260. (I. Das, N.S. Yaakob & L.-B. Lim.)
257. 2004. South and Southeast Asian reptiles. *Species* (42):106.
258. 2004. Herpetology of an antique land: the history of herpetological explorations and knowledge in India and south Asia. In: *Herpetological expeditions and voyages*. A.M. Bauer (Ed). *Bonner Zoologische Beiträge* 52(2):215–229.
259. 2004. Collecting in the “Land below the Wind”: herpetological explorations of Borneo. In: *Herpetological expeditions and voyages*. A.M. Bauer (Ed). *Bonner Zoologische Beiträge* 52(2):231–243.

260. 2004. A new species of *Dixonius* (Sauria: Gekkonidae) from Vietnam. Raffles Bulletin of Zoology 52(2):629–634.
261. 2004. A new species of *Kaloula* (Anura: Microhylidae) from north-eastern India. Hamadryad 29(1):101–109. (I. Das, S. Sengupta, M.F. Ahmed & S.K. Dutta.)
262. 2004. On neotype designations for *Coronella cyclura* Cantor, 1839 (Serpentes: Colubridae). Hamadryad 29(1):133–134.
263. 2004. A new species of *Cnemaspis* (Sauria: Gekkonidae) from southern Thailand. Current Herpetology 23(2):63–71. (I. Das & T.-M. Leong.)
264. 2004. Integrated effort in the prioritization of areas of conservation in Borneo. In: Borneo Biodiversity & Ecosystems Conservation Programme, International Conference 2004. pp:1–19. Institut Biologi Tropika dan Pemuliharaan, Universiti Malaysia Sabah, Kota Kinabalu. (B.-H. Kueh, M. Mohamed, I. Das & D. Chew.)
265. 2005. Cumulative index to Hamadryad, Volumes 1–29 (1976–2004). Hamadryad 29(2):1–199. (G. V. A. Gee & I. Das.) (downloadable from the following URL:

	Author	index-
http://www.madrascrocodilebank.org/SupportFiles/Publications/Author%20Index.pdf ; Taxon index-		
http://www.madrascrocodilebank.org/SupportFiles/Publications/Taxon%20Names%20Index.pdf).		
266. 2004. *Nyctixalus pictus* (Cinnamon tree frog). Defensive behavior. Herpetological Review 35(4):373–374. (I. Das, T.-M. Leong & H.-H. Tan.)
267. 2004. Erratum: *Kaestlea*: a new genus of scincid lizards (Scincidae: Lygosominae) from the Western Ghats, south-western India. Hamadryad 29(1):145. (V.K. Eremchenko & I. Das.)
268. 2005. *Rhabdophis murudensis* (Gunung Murud Keelback). Diet. Herpetological Review 36(1):71. (I. Das & A.A. Tuen.)
269. 2005. New species of *Dibamus* (Squamata: Dibamidae) from Pulau Nias, Indonesia. Journal of Herpetology 39(1):113–117. (I. Das & K.K.P. Lim.)
270. 2005. René Leon Bourret (1884–1957) and Les tortues de l’Indochine. pp:v–xiii. In: Les tortues de l’Indochine. Institut Océanographique de l’Indochine, Hanoi. Reprinted 2005, Society for the Study of Amphibians and Reptiles, Oxford, Ohio. 235 pp.
271. 2005. Nomenclatural notes on the generic nomen *Luperosaurus* Gray, 1845 (Squamata: Gekkonidae). Herpetological Review 36(2):117–118.
272. 2005. Revision of the genus *Cnemaspis* Strauch, 1887 (Sauria: Gekkonidae) from the Mentawai and adjacent archipelagos off western Sumatra, Indonesia, with the description of four new species. Journal of Herpetology 39(2):233–247.
273. 2005. Bornean geckos of the genus *Cyrtodactylus*. Gekko 4(2):11–19.
274. 2005. Wallace in Sarawak– 150 years later: Proceedings of an International Conference on Biogeography and Biodiversity. A. A. Tuen & I. Das (Editors). Institute of Biodiversity and Environmental Conservation, Universiti Malaysia Sarawak, Kota Samarahan. (2) + v + 228 pp.
275. 2005. A legacy of Wallace: Sarawak Museum and the history of herpetological research in Sarawak. In: Wallace in Sarawak– 150 years later: Proceedings of an International Conference on Biogeography and Biodiversity. pp:57–65. A.A. Tuen & I. Das (Eds). Institute of Biodiversity and Environmental Conservation, Universiti Malaysia Sarawak, Kota Samarahan. (I. Das & C. Leh.)

276. 2005. A photographic guide to the snakes and other reptiles of Sri Lanka. New Holland Publishers (UK), Ltd., London. 144 pp. (I. Das & A. de Silva.) U.S. edition, Ralph Curtis Books, Sanibel Island, Florida. Second edition (2010), New Holland Publishers (UK), Ltd., London. 144 pp.
277. 2005. New species of *Nyctibatrachus* (Anura: Ranidae) from Castle Rock, Karnataka State, Southwest India. *Journal of Herpetology* 39(3):465–470. (I. Das & K. Kunte.)
278. 2005. Sources of larval identities for amphibians from Borneo. *Herpetological Review* 36(4):375–382. (I. Das & A. Haas.)
279. 2005. A new species of *Rhacophorus* (Anura: Rhacophoridae) from Gunung Gading, Sarawak. *Raffles Bulletin of Zoology* 53(2):257–263. (I. Das & A. Haas.)
280. 2005. A new species of *Polypedates* (Amphibia: Anura: Rhacophoridae) from Gunung Murud, Sarawak (Borneo). *Raffles Bulletin of Zoology* 53(2):265–270.
281. 2005. Herpetofauna of a forgotten mountain: Gunung Murud, Sarawak, northern Borneo. In: Programme and Abstracts of the 5th World Congress of Herpetology, 19–24 June 2005. pp:36. World Congress of Herpetology, University of Stellenbosch, Stellenbosch.
282. 2005. A new species of gekkonid lizard of the genus *Cnemaspis* Strauch, 1887 from Pulau Pemanggil, Johor, West Malaysia. *Herpetological Natural History* 10(1):1–7. (L.L. Grismer & I. Das.)
283. 2005. Indian crocodylians in the collection of The Natural History Museum, London (1986). *Herpinstance* 2(2):9–11.
284. 2005. Asian turtles in the collection of the Oxford University Museum, including a list of type specimens. *Herpinstance* 3(1):4–7.
285. 2005. Evaluation of the biodiversity of the Kelabit Highlands, Sarawak. IRPA and Fundamental Research Paper Series. Volume 1. pp:57–72. M. Mohamed (Ed). Universiti Malaysia Sarawak, Kota Samarahan. (F. Abang, I. Das, C. Tawan, M.A. Rahman, A.A. Tuen, S. Muid, M.T. Abdullah, I. Ipor, P. Bulan & C. Laman.)
286. 2006. Extreme tadpoles: the morphology of the fossorial megophryid larva, *Leptobranchella mjobergi*. *Zoology* 109(1):26–42. (A. Haas, S. Hertwig & I. Das.)
287. 2006. The complete mitochondrial genome of an agamid lizard from the Afro-Asian subfamily Agaminae and the phylogenetic position of *Bufo niceps* and *Xenagama*. *Molecular Phylogenetics and Evolution* 39:881–886. (J.R. Macey, J.A. Schulte, II, J.J. Fong, I. Das & T.J. Papenfuss.)
288. 2006. New species of *Polypedates* (Anura: Rhacophoridae) from the Western Ghats, Southwest India. *Journal of Herpetology* 40(2):214–220. (I. Das & S.K. Dutta.)
289. 2006. Nomenclatural notes on a caecilian (Amphibia: Gymnophiona) name. *Herpetological Review* 37(2):154
290. 2006. The herpetofauna of Loagan Bunut. In: Scientific journey through Borneo: Loagan Bunut. A scientific expedition on the physical, chemical, biological, and sociological aspects. pp:131–154. A.A. Tuen, A.K. Sayok, A.N. Toh & G.T. Noweg (Eds). Peat Swamp Forest Project, UNDP/GEF funded (MAL/99/G31), Sarawak Forest Department and Institute of Biodiversity and Environmental Conservation, Universiti Malaysia Sarawak, Kota Samarahan. (I. Das & K. Jensen.)
291. 2006. The biodiversity of a peat swamp forest in Sarawak. F. Abang & I. Das (Eds). Universiti Malaysia Sarawak, Kota Samarahan. vii + 142 pp.
292. 2006. The reptile fauna. In: The biodiversity of a peat swamp forest in Sarawak. pp:115–128. F. Abang & I. Das (Eds). Universiti Malaysia Sarawak, Kota Samarahan.
293. 2006. A photographic guide to the snakes and other reptiles of Borneo. New Holland Publishers (UK), Ltd., London. 144 pp. U.S. edition, Ralph Curtis Books,

Sanibel Island, Florida. 144 pp. Second edition (2010), New Holland Publishers (UK), Ltd., London. 144 pp.

294. 2006. Crocker Range National Park, Sabah, as a refuge for Borneo's montane herpetofauna. *Amphibian and Reptile Conservation* 4(1):3-11.

295. 2006. A synopsis of bioacoustic studies of anuran amphibians of Borneo. *Herpetological Review* 37(3):288-293. (J. Sukumaran, I. Das & A. Haas.)

296. 2006. Biological observations on the Asian soft-shell turtle in Sarawak, Malaysian Borneo, with notes on the biology and conservation of other non-marine turtles. *Testudo* 6(3):39-49; Pl. II-VI. (K.A. Jensen & I. Das.)

297. 2006. On the distribution of *Pelochelys cantorii* on Borneo. *Chelonian Conservation and Biology* 5(2):323-325. (I. Das & M. Lakim.)

298. 2006. Confirmation of *Hemidactylus brookii* Gray, 1845 from Borneo. *Gekko* 5(1):18-20 (I. Das & J. Sukumaran.)

299. 2006. *Rhacophorus kajau* (White-eared Tree frog). Foot flagging. *Herpetological Review* 37(4):450-451. (I. Das, G.V.A. Gee & A. Haas.)

300. 2006. *Heosemys spinosa* (Diet). *Herpetological Review* 37(4):458. (K.A. Jensen & I. Das.)

301. 2006. *Pelodiscus sinensis* (Chinese Softshell Turtle). Geographic Distribution. *Herpetological Review* 37(4):492. (K.A. Jensen & I. Das.)

302. 2006. *Brachymeles apus* (Bornean Limbless Skink). Geographic Distribution. *Herpetological Review* 37(4):493.

303. 2006. *Dryocalamus tristrigatus* (Three-lined Tree Snake). Geographic Distribution. *Herpetological Review* 37(4):497. (J.M. Dehling & I. Das.)

304. 2006. *Stoliczka borneensis* (Stoliczka's Water Snake). Geographic Distribution. *Herpetological Review* 37(4):500-501.

305. 2006. Amphibians and reptiles of Pakistan (Book Review). *Herpetological Review* 37(4):505-508.

306. 2007. A pocket guide. Amphibians and reptiles of Brunei. Natural History Publications (Borneo) Sdn Bhd. Kota Kinabalu. viii + 200 pp.

307. 2007. New species of *Lipinia* (Sauria: Scincidae) from Borneo, revealed by molecular and morphological data. *Journal of Herpetology* 41(1):60-70. (I. Das & C.C. Austin.)

308. 2007. Status of knowledge of the Malaysian herpetofauna. In: Status of biological diversity in Malaysia & threat assessment of plant species in Malaysia. L.S.L. Chua, L.G. Kirton & L.G. Saw (Eds). pp:31-81. Forest Research Institute Malaysia, Kepong. (I. Das & N.S. Yaakob.)

309. 2007. Cryptic species as a window on diversity and conservation. *Trends in Ecology and Evolution* 22(3):148-155 (D. Bickford, D.J. Lohman, N.S. Sodhi, P.K.L. Ng, R. Meier, K. Winker, K. Ingram & I. Das.)

310. 2007. A new species of *Microhyla* (Anura: Microhylidae) from the Malay Peninsula. *Hamadryad* 32(1):304-314. (I. Das, N.S. Yaakob & J. Sukumaran.)

311. 2007. Sources of larval identities for amphibians of India. *Hamadryad* 32(1):330-357. (I. Das & S.K. Dutta.)

312. 2007. Rediscovery of *Mictopholis austeniana* (Annandale, 1908) (Squamata: Agamidae). *Current Herpetology* 26(1):45-47. (A. Das & I. Das.)

313. 2007. "Not available". Lizard species erroneously or doubtfully reported from Borneo. *Sarawak Museum Journal, new series* 62(83):151-174.

314. 2007. *Kaloula baleata* (Brown Bull Frog). Geographic Distribution. Herpetological Review 38(2):214–215. (F. Kraus & I. Das.)
315. 2007. *Dendrelaphis kopsteini* (Kopstein's Bronzeback Tree Snake). Geographic Distribution. Herpetological Review 38(2):220.
316. 2007. Some forgotten descriptions of *Nasikabatrachus* (Anura: Sooglossidae). Herpetological Review 38(3):291–292.
317. 2007. *Cyclemys dentata* (fire scars). Herpetological Review 38(3):329–330. (K.A. Jensen & I. Das.)
318. 2007. Responsible vouchering in turtle research: an introduction and recommendations. In: Defining turtle diversity. Proceedings of a workshop on genetics, ethics, and taxonomy of freshwater turtles and tortoises, Cambridge, Massachusetts, 8–12 August 2005. H.B. Shaffer, N.N. FitzSimmons, A. Georges & A.G.J. Rhodin (Eds). Chelonian Research Monograph 4:147–156. (C. Lehn, I. Das, M.R.J. Forstner & R.M. Brown.)
319. 2007. Foreword. In: An identification guide to the freshwater turtles and tortoises of Malaysia, Singapore, Indonesia, Brunei, the Philippines, East Timor and Papua New Guinea. p:2. (text by Mark Auliya). TRAFFIC Southeast Asia, Kuala Lumpur.
320. 2007. Species diversity, elevational distribution and reproductive modes in an amphibian community at the Matang Range, Sarawak (Borneo). Mitteilungen aus dem Hamburgischen Zoologischen Museum und Institut 104(2):141–174. (I. Das, A. Jankowski, M. Iqbal Makmor & A. Haas.)
321. 2008. A new species of *Eutropis* (Squamata: Scincidae) from Sri Lanka. Zootaxa 1700:35–52. (I. Das, A. de Silva & C.C. Austin.)
322. 2008. Observations on the influence of seasonality, lunar cycles, and weather condition on freshwater turtle activity in Sarawak, East Malaysia (Borneo). Asiatic Herpetological Research 11:37–42. (K.A. Jensen & I. Das.)
323. 2008. The herpetofauna of Nallamala Hills, Eastern Ghats, India: an annotated checklist, with remarks on nomenclature, taxonomy, habitat use, adaptive types and biogeography. Asiatic Herpetological Research 11:110–131. (C. Srinivasulu & I. Das.)
324. 2008. A second specimen of *Complicitus nigrigularis* (Ota & Hikida, 1991). Hamadryad 32(2): 32(2):82–84. (I. Das & M. Lakim.)
325. 2008. New species of *Luperosaurus* (Squamata: Gekkonidae) from the Crocker Range Park, Sabah, Malaysia (Borneo). Zootaxa (1719):53–60. (I. Das, M. Lakim & P. Kandaung.)
326. 2008. An inventory of reptiles of Gunung Mulu National Park, Sarawak, Malaysia (Borneo). Sarawak Museum Journal 63(84):127–167. (I. Das, B. Clark, S. Clark & E. McArthur.)
327. 2008. *Hylarana raniceps* (white-lipped frog). Predation. Herpetological Review 39(1):77–78. (T. Riehl, A. Haas & I. Das.)
328. 2008. Larval identities of *Ansonia hanitschi* Inger, 1960 (Amphibia: Bufonidae) and *Polypedates colletti* (Boulenger, 1890) (Amphibia: Rhacophoridae) from East Malaysia (Borneo). Salamandra 44(2):85–100. (A. Haas & I. Das.)
329. 2008. A guide to the amphibians and reptiles of Tasek Merimbun Heritage Park, Brunei Darussalam. Brunei Museums Department, Bandar Seri Begawan. xvii + 92 pp. (I. Das, S. Nyawa & J.K. Charles.)

330. 2008. Rediscovery of the missing syntypes of *Mabuya nagarjuni* Sharma, 1969 (Reptilia: Scincidae) in the collection of the Zoological Survey of India. *Journal of the Bombay Natural History Society* 104(2):25–26. (C. Srinivasulu & I. Das.)
331. 2008. *Pelochelys cantorii*. Conservation biology of freshwater turtles and tortoises. A.G.J. Rhodin, P.C.H. Pritchard, P.P. van Dijk, R.A. Saumure, K.A. Buhlmann & J.B. Iverson (Eds). Chelonian Research Monograph Number 5. Chelonian Research Foundation, Lunenburg, Massachusetts. pp:011.1–011.6.
332. 2008. Two new species of *Pelophryne* (Anura: Bufonidae) from Gunung Murud, Sarawak (northwestern Borneo). *Raffles Bulletin of Zoology* 56(2):225–233.
333. 2008. Amphibians of the Indomalayan region. In: Threatened amphibians of the world. pp:74–79. S. Stuart, M. Hoffmann, J.S. Chanson, N.A. Cox, R.J. Berridge, P. Ramani & B.E. Young (Eds). Lynx Ediciones, Barcelona/IUCN- The World Conservation Union, Conservation International and NatuServe, Washington, D.C. (R. Bain, S.D. Biju, R. Brown, I. Das, A. Diesmos, S. Dutta, D. Gower, R. Inger, D. Iskandar, Y. Kaneko, M.W.N. Lau, M. Meegaskumbura, A. Ohler, T. Papenfuss, R. Pethiyagoda, B. Stuart, M. Wilkinson & F. Xie.)
334. 2008. Diversity and conservation status of the Western Ghats amphibians. In: Threatened amphibians of the world. pp:80–82. S. Stuart, M. Hoffmann, J.S. Chanson, N.A. Cox, R.J. Berridge, P. Ramani & B.E. Young (Eds). Lynx Ediciones, Barcelona/IUCN- The World Conservation Union, Conservation International and NatuServe, Washington, D.C. (S.D. Biju, R.G. Kamei, G. Bhatta, V. Giri, N. Cox, I. Das & F. Bossuyt.)
335. 2008. New species of *Anomochilus* (Anomochilidae) from Sabah, northern Borneo. *Journal of Herpetology* 42(3):584–591. (I. Das, M. Lakim, K.K.P. Lim & H.H. Tan.)
336. 2008. Herpetofauna of the Pulau Banggi group of islands off north-eastern Borneo. *Herpetological Review* 39(3):296–298. (I. Das & K.B. Hee.)
337. 2008. *Duttaphrynus melanostictus* (Common Asian toad). Geographic Distribution. *Herpetological Review* 39(3):478. (J.K. Charles & I. Das.)
338. 2008. *Lepidodactylus lugubris* (Mourning gecko). Geographic Distribution. *Herpetological Review* 39(3):368. (R. Somaweera & I. Das.)
339. 2008. Dietary observations on the Asian softshell turtle (*Amyda cartilaginea*) from Sarawak, Malaysian Borneo. *Chelonian Conservation and Biology* 7(1):136–141. (K.A. Jensen & I. Das.)
340. 2008. Cultural exploitation of freshwater turtles in Sarawak, Malaysian Borneo. *Chelonian Conservation and Biology* 7(2):281–285. (K.A. Jensen & I. Das.)
341. 2009. *Calotes versicolor* (Squamata: Agamidae)- a new invasive squamate for Borneo. *Current Herpetology* 27(2):109–112. (I. Das, J.K. Charles & D.S. Edwards.)
342. 2009. Case 3463. Comments on the proposed conservation of *Testudo gigantea* Schweigger, 1812 (Reptilia: Testudines). *Bulletin of Zoological Nomenclature* 66(1): 81–82.
343. 2009. *Hardella thurjii*. In: Conservation biology of freshwater turtles and tortoises. A.G.J. Rhodin, P.C.H. Pritchard, P.P. van Dijk, R.A. Saumure, K.A. Buhlmann & J.B. Iverson (Eds). Chelonian Research Monograph Number 5. Chelonian Research Foundation, Lunenburg, Massachusetts. pp:023.1–023.6. (I. Das & S. Bhupathy.)
344. 2009. Foreword. In: Colour guide to the amphibians and reptiles of northeast India. pp:vii. (text by M.F. Ahmed, A. Das & S.K. Dutta). Aranyak, Guwahati.

345. 2009. A new species of *Dibamus* (Squamata: Dibamidae) from Pulau Simeuleu, Indonesia. *Zootaxa* 2088: 15–23. (I. Das & K.K.P. Lim.)
346. 2009. New species of *Ptychozoon* (Sauria: Gekkonidae) from the Nicobar Archipelago, Indian Ocean. *Zootaxa* 2095:8–20. (I. Das & S.P. Vijayakumar.)
347. 2009. Foreword. In: Lizards of Sri Lanka. p:10. (text by R. Somaweera and N. Somaweera). Editions Chimaira, Frankfurt am Main.
348. 2009. *Eutropis carinata* (Common skink). *Eutropis macularia* (Rock skink). Endoparasites. *Herpetological Review* 40(3):343. (S.R. Goldberg, C.R. Bursey, I. Das, A. de Silva & C.C. Austin.)
349. 2009. *Lygosoma punctata* (Spotted supple skink). Endoparasites. *Herpetological Review* 40(3):347. (S.R. Goldberg, C.R. Bursey, I. Das, A. de Silva & C.C. Austin.)
350. 2009. *Kaloula pulchra* (Malayan Bull Frog). Geographic Distribution. *Herpetological Review* 40(3):361.
351. 2009. *Melanochelys tricarinata*. In: Conservation biology of freshwater turtles and tortoises. A. G. J. Rhodin, P. C. H. Pritchard, P. P. van Dijk, R. A. Saumure, K. A. Buhlmann & J. B. Iverson (Eds). Chelonian Research Monograph Number 5. Chelonian Research Foundation, Lunenburg, Massachusetts. pp:025.1–025.5.
352. 2009. *Chitra indica*. In: Conservation biology of freshwater turtles and tortoises. A. G. J. Rhodin, P. C. H. Pritchard, P. P. van Dijk, R. A. Saumure, K. A. Buhlmann & J. B. Iverson (Eds). Chelonian Research Monograph Number 5. Chelonian Research Foundation, Lunenburg, Massachusetts. pp:027.1–027.7. (I. Das & S. Singh.)
353. 2009. Larval morphologies of three species of stream toads, genus *Ansonia* (Amphibia: Bufonidae) from East Malaysia (Borneo), with a key to known Bornean *Ansonia* tadpoles. *Zootaxa* 2302:1–18. (A. Haas, J. Wolter, S. Hertwig & I. Das.)
354. 2009. Rediscovery of the Endangered Khasi Hills Rock Toad, *Bufoides meghalayana* in Meghalaya, Northeastern India. *Froglog* 92:1–4. (I. Das, D. Rangad, R. K. L. Tron, K. Deuti & R. N. K. Hooroo.)
355. 2009. *Melanochelys trijuga*. In: Conservation biology of freshwater turtles and tortoises. A. G. J. Rhodin, P. C. H. Pritchard, P. P. van Dijk, R. A. Saumure, K. A. Buhlmann & J. B. Iverson (Eds). Chelonian Research Monograph Number 5. Chelonian Research Foundation, Lunenburg, Massachusetts. pp:038.1–9. (I. Das & S. Bhupathy.)
356. 2009. Reproductive and trophic ecology of *Ansonia minuta* (Amphibia: Bufonidae). *Malayan Nature Journal* 61(4):307–314. (Y. Direp, I. Das & A. Haas.)
357. 2010. Phylogenetic relationships of *Ansonia* from Southeast Asia inferred from mitochondrial DNA sequences: systematic and biogeographic implications (Anura: Bufonidae). *Molecular Phylogenetics and Evolution* 54:561–570. (M. Matsui, A. Tominaga, W. Liu, W. Khonsue, L. L. Grismer, A. C. Diesmos, I. Das, A. Sudin, P. Yambun, H.-S. Yong, J. Sukumaran & R. M. Brown.)
358. 2010. A new species of *Leptotalax* (Anura: Megophryidae) from the sacred groves of Mawphlang, Meghalaya, north-eastern India. *Zootaxa* 2339:44–56. (I. Das, R. L. Tron, D. Rangad & R. N. K. Hooroo.)

359. 2010. A new species of *Leptotalax* (Anura: Megophryidae) from Mizoram, north-eastern India. *Zootaxa* 2406:57–68. (S. Sengupta, S. Sailo, H. T. Lalremsanga, A. Das & I. Das.)
360. 2010. A field guide to the reptiles of south-east Asia. New Holland Publishers (UK), Ltd., London. 376 pp. Thai edition: A field guide to the reptiles of Thailand & South-east Asia. Asia Books, Bangkok. 376 pp.
361. 2010. *Rana ulukalensis* Nakatani, 1969, a junior synonym of *Rana tweediei* Smith, 1935 (Amphibia: Anura: Dicroglossidae). *Current Herpetology* 29(1):33–35.
362. 2010. *Hylarana leptoglossa*. Defensive behavior. *Herpetological Review* 41(2):196–197. (I. Das, S. Sengupta & A. Das.)
363. 2010. Perspectives, use and conservation of amphibians by indigenous people worldwide. In: Abstracts of proceedings of the 23rd Joint Meetings of Ichthyologists and Herpetologists, Providence, Rhode Island. 7–12 July 2010. M. Donnelly (Ed). Abstract A0754. University of Rhode Island, Brown University and University of Connecticut, Providence.
364. 2010. *Geoclemys hamiltonii*. In: Conservation biology of freshwater turtles and tortoises. A. G. J. Rhodin, P. C. H. Pritchard, P. P. van Dijk, R. A. Saumure, K. A. Buhlmann & J. B. Iverson (Eds). Chelonian Research Monograph Number 5. Chelonian Research Foundation, Lunenburg, Massachusetts. pp:043.1–043.6. (I. Das & S. Bhupathy.)
365. 2010. *Morenia ocellata*. In: Conservation biology of freshwater turtles and tortoises. A. G. J. Rhodin, P. C. H. Pritchard, P. P. van Dijk, R. A. Saumure, K. A. Buhlmann & J. B. Iverson (Eds). Chelonian Research Monograph Number 5. Chelonian Research Foundation, Lunenburg, Massachusetts. pp:044.1–044.5.
366. 2010. *Morenia petersi*. In: Conservation biology of freshwater turtles and tortoises. A. G. J. Rhodin, P. C. H. Pritchard, P. P. van Dijk, R. A. Saumure, K. A. Buhlmann & J. B. Iverson (Eds). Chelonian Research Monograph Number 5. Chelonian Research Foundation, Lunenburg, Massachusetts. pp:045.1–044.5. (I. Das & S. Sengupta.)
367. 2010. New species of *Microhyla* from Sarawak: Old World's smallest frogs crawl out of miniature pitcher plants on Borneo (Amphibia: Anura: Microhylidae). *Zootaxa* 2571:37–52. (I. Das & A. Haas.)
368. 2010. Molecular evidence for the taxonomic status of *Hemidactylus brookii* group taxa (Squamata: Gekkonidae). *The Herpetological Journal* 20:129–138. (A. Bauer, T. R. Jackman, E. Greenbaum, A. de Silva, V. Giri & I. Das.)
369. 2010. Descriptions of the advertisement calls of some Bornean frogs. *Russian Journal of Herpetology* 17(3):189–194. (J. Sukumaran, I. Das & A. Haas.)
370. 2010. Frog in the pitcher. *Plant Earth* 2010(October):4–5.
371. 2010. Newly discovered miniature *Microhyla* from Borneo among the world's smallest frogs. *Froglog* (49):2–5. (I. Das & A. Haas.)
372. 2010. The discovery of Indian turtles, with notes on publications, type localities and type repositories. *Envis Bulletin. Wildlife and Protected Areas* 12(1): Freshwater turtles and tortoises of India. pp:1–14. K. Vasudevan (Ed). Wildlife Institute of India, Dehradun.
373. 2010. The turtle collection of the Zoological Survey of India, Kolkata, India. The turtle collection of the Zoological Survey of India, Kolkata, India. *Envis Bulletin*.

Wildlife and Protected Areas 12(1): Freshwater turtles and tortoises of India. pp:15–24. K. Vasudevan (Ed). Wildlife Institute of India, Dehradun. (B. H. C. Murthy & I. Das.)

374. 2010. *Pangshura sylhetensis*. Conservation biology of freshwater turtles and tortoises. A. G. J. Rhodin, P. C. H. Pritchard, P. P. van Dijk, R. A. Saumure, K. A. Buhlmann & J. B. Iverson (Eds). Chelonian Research Monograph Number 5. Chelonian Research Foundation, Lunenburg, Massachusetts. pp:046.1–046.6. (I. Das, S. Sengupta & P. Praschag.)

375. 2010. *Nilssononia hurum*. In: Conservation biology of freshwater turtles and tortoises. A. G. J. Rhodin, P. C. H. Pritchard, P. P. van Dijk, R. A. Saumure, K. A. Buhlmann & J. B. Iverson (Eds). Chelonian Research Monograph Number 5. Chelonian Research Foundation, Lunenburg, Massachusetts. pp:048.1–048.6. (I. Das, S. Singh & D. Basu.)

376. 2010. Les lézards d'Indochine by Rene Bourret (Book Review). Hamadryad 35(1):122–125. 377. 2011. On some taxonomic and nomenclatural problems in Indian species of the genus *Oligodon* Fitzinger, 1826 (Squamata: Colubridae). Zootaxa 2799:1–14. (P. David, I. Das & G. Vogel.)

378. 2011. *Boiga dendrophila* (Mangrove cat snake). Diet. Herpetological Review 42(2): 281–282. (M. Y. Pui & I. Das.)

379. 2011. Notes on date of publication and generic identity of *Leptobrachium nokrekensis* Mathew and Sen, "2009" 2010 (Anura: Megophryidae). Current Herpetology 30(1):69–73. (I. Das & K. Deuti.)

380. 2011. Rediscovery of one of the world's top 10 most wanted 'lost frogs', *Ansonia latidisca*, the Bornean Rainbow Toad, on Gunung Penrissen, Western Sarawak, Borneo. Froglog (97):6–7. (Y. M. Pui, J. J. Ong & I. Das.)

381. 2011. *Indotestudo elongata*. Geographical Distribution. Herpetological Review 42(3):389. (K. Deuti & I. Das.)

382. 2011. Biology and conservation of tropical Asian amphibians. Proceedings of the Conference Biology of the Amphibians in the Sunda Region, South-east Asia. Universiti Malaysia Sarawak, Kota Samarahan. vii + 170 pp. (I. Das, A. Haas & A. A. Tuen, Eds.)

383. 2011. Scientific results of the Volkswagen Stiftung Bornean amphibian biodiversity project. In: Biology and Conservation of Tropical Asian Amphibians. Proceedings of the Conference "Biology of the Amphibians in the Sunda Region, South-east Asia". pp:9–27. I. Das, A. Haas & A. A. Tuen (Eds). Institute of Biodiversity and Environmental Conservation, Universiti Malaysia Sarawak, Kota Samarahan. (I. Das & A. Haas.)

384. 2011. Describing East Malaysian tadpole diversity: status and recommendations for standards and procedures associated with larval amphibian description and documentation. In: Proceedings of the 6th International Symposium on Tropical Zoology, Bonn, 3–8 May 2009, 'Tropical Vertebrates in a Changing World'. K. L. Schuchmann (Ed). Bonner Zoologische Monographien 57(3):29–46. (A. Haas & I. Das.)

385. 2011. Sarawak Museum Journal. In: Priority! The dating of scientific names in ornithology. A directory to the literature and its reviewers. pp:244; Table LX (= 2 pp.) on CD. (E. C. Dickinson & I. Das). Aves Press, Eastbourne, East Sussex. (E. C. Dickinson, L. K. Overstreet, R. J. Dowsett & M. D. Bruce, compilers.)

386. 2011. Phylogenetic relationships of the *Rhacophorus everetti*-group and implications for the evolution of reproductive modes in *Philautus* (Amphibia: Anura: Rhacophoridae). *Zoologica Scripta* 41(1):29–46. (S. Hertwig, I. Das, M. Schweizer, R. M. Brown & A. Haas.)
387. 2011. Man meets frog: perceptions, use and conservation of amphibians by indigenous people. In: *Amphibian biology*. Vol. 10. Conservation and Decline of Amphibians: Ecological Aspects, Effect of Humans, and Management. pp:3383–3468. H. Heatwole & M. Wilkinson (Eds). Surrey Beatty & Sons, Baulkham Hills, New South Wales.
388. 2011. Looking east: Carolus Linnaeus and his herpetological species from Asia. *Bibliotheca Herpetologica* 9(1&2):104–114.
389. 2011. *Asthenodipsas malaccanus* (Malayan slug snake) Diet. *Herpetological Review* 42(4):610–611. (I. Das & M. Schilthuizen.)
390. 2011. Investigation on fauna diversity in different peatland ecosystems in Sarawak. In: *Proceedings of the PIPOC 2011 International Palm Oil Congress - Agriculture, Biotechnology and Sustainability Conference*. pp:657–668. 15–17 November 2011, Kuala Lumpur Convention Centre, Kuala Lumpur. (K. Haron, A. A. Tuen, M. T. Abdullah, M. A. Rahman, C. J. Laman, I. Das, B. Amit & E. M. Dosi.)
391. 2011. *Cuora amboinensis*. In: *Conservation biology of freshwater turtles and tortoises*. A. G. J. Rhodin, P. C. H. Pritchard, P. P. van Dijk, R. A. Saumure, K. A. Buhlmann & J. B. Iverson (Eds). *Chelonian Research Monograph Number 5*. Chelonian Research Foundation, Lunenburg, Massachusetts. pp:053.1–053.13. (S. Schoeppe & I. Das.)
392. 2012. Arboreal reptiles (tree trunk and canopy-dwelling species). In: *Reptile biodiversity. Standard methods for inventory and monitoring*. R. W. McDiarmid, M. S. Foster, C. Guyer, J. W. Gibbons & N. Chernoff (Eds). pp:275–279. University of California Press, Berkeley, CA.
393. 2012. *Lankascincus fallax* (Peters' Litter Skink). Reproduction. *Herpetological Review* 43(1):134–135. (S. R. Goldberg, I. Das, A. de Silva & C. C. Austin.)
394. 2012. *Chrysopelea paradisi* (Garden Flying Snake). Diet. *Herpetological Review* 43(1):144. (G. Minton & I. Das.)
395. 2012. Testing the phylogenetic affinities of Southeast Asia's flying geckos: flap-legged geckos (*Luperosaurus*), parachute geckos (*Ptychozoon*) and their relationship to the pan-Asian genus *Gekko*. *Molecular Phylogenetics and Evolution* 63(3):915–921. (R. M. Brown, C. D. Siler, I. Das & Y. M. Pui.)
396. 2012. A significant range extension for the Kinabalu Parachute Gecko, *Ptychozoon rhacophorus* (Boulenger, 1899) (Squamata: Gekkonidae) and a new state record from Sarawak, northwestern Borneo. *Herpetology Notes* 5:20–22. (Y.M. Pui & I. Das.).
397. 2012. Description of three *Rhacophorus* tadpoles (Lissamphibia: Anura: Rhacophoridae) from Sarawak, Malaysia (Borneo). *Zootaxa* 3328:1–19. (A. Haas, S. T. Hertwig, W. Krings, E. Braskamp, J. M. Dehling, Y. M. Pui, A. Jankowski, M. Schweizer & I. Das.)
398. 2012. Checklist of the reptiles of India, current 31 December 2011. Compendium on the occasion of DST 5th School in Herpetology. 24th February –

10th March 2012. In memory of J.C. Daniel (July 9, 1927 – August 23, 2011). pp:63–80. S. K. Dutta (Ed.). North Orissa University, Takatpur, Baripada.

399. 2012. Molecular evidence for direct development in the rhacophorid frog, *Philautus acutus* (Rhacophoridae, Anura) from Borneo. *Raffles Bulletin of Zoology* 60(2):555–563. (S. Hertwig, K. E. Lilje, Y. M. Pui, A. Haas & I. Das.)

400. 2012. A new species of *Coryphophylax* Fitzinger in: Steindachner, 1867 (Sauria: Iguania: Agamidae) from the Andaman Islands, India. *Zootaxa* 3451:31–45. (S. Harikrishnan, S. R. Chandramouli, K. Vasudevan, B. C. Choudhury, S. K. Dutta & I. Das.)

401. 2012. Phylogeny and cryptic diversification in Southeast Asian flying geckos. *Molecular Phylogenetics and Evolution* 63:351–361. (R. M. Brown, C. D. Siler, L. Grismer, I. Das & J. McGuire.)

402. 2012. Naturalists' guide to the snakes of south-east Asia. Beaufoy Books, London. 160 pp.

403. 2012. First report of turtles from the Himalayan Kingdom of Bhutan. *Chelonian Conservation and Biology* 11(2):268–272. (J. T. Wangyal, D. Wangchuk & I. Das.)

404. 2013. The conservation status of the world's reptiles. *Biological Conservation* 157:372–385. (M. Böhm, B. Collen, J. E. M. Baillie, J. Chanson, N. Cox, G. Hammerson, M. Hoffmann, S. R. Livingstone, M. Ram, A. G. J. Rhodin, S. N. Stuart, P. P. van Dijk, B. E. Young, L. E. Afuang, A. Aghasyan, A. G. Aguayo, C. Aguilar, R. Ajtic, F. Akarsu, L. R. V. Alencar, A. Allison, N. Ananjeva, S. Anderson, C. Andrén, D. Ariano-Sánchez, J. C. Arredondo, M. Auliya, C. C. Austin, A. Avci, P. J. Baker, A. F. Barreto-Lima, C. L. Barrio-Amorós, D. Basu, M. F. Bates, A. Batistella, A. Bauer, D. Bennett, W. Böhme, D. Broadley, R. Brown, J. Burgess, A. Captain, S. Carreira, M. Castaneda, F. Castro, A. Catenazzi, J. R. Cedeño-Vázquez, D. Chapple, M. Cheylan, D. F. Cisneros-Heredia, D. Cogalniceanu, H. Cogger, C. Corti, G. C. Costa, P. J. Couper, T. Courtney, J. Crnobrnja-Isailovic, P.-A. Crochet, B. Crother, F. Cruz, J. Daltry, R. J. R. Daniels, I. Das, A. de Silva, L. Dirksen, T. Doan, K. Dodd, J. S. Doody, M. E. Dorcas, J. Duarte de Barros Filho, V. T. Egan, E. H. El Mouden, D. Embert, R. E. Espinoza, A. Fallabrino, X. Feng, Z.-J. Feng, L. Fitzgerald, O. Flores-Villela, F. G. R. França, D. Frost, H. Gadsden, T. Gamble, S. R. Ganesh, M. A. Garcia, J. E. García-Pérez, J. Gatus, M. Gaulke, P. Geniez, A. Georges, J. Gerlach, S. Goldberg, J. C. T. Gonzalez, D. J. Gower, T. Grant, E. Greenbaum, P. Guo, S. Haitao, A. M. Hamilton, K. Hare, B. Hedges, N. Heideman, C. Hilton-Taylor, R. Hitchmough, B. Hollingsworth, M. Hutchinson, I. Ineich, J. Iverson, F. M. Jaksic, R. Jenkins, U. Joger, R. Jose, Y. Kaska, J. S. Keogh, G. Köhler, G. Kuchling, Y. Kumlutaş, A. Kwet, E. La Marca, W. Lamar, A. Lane, B. Lardner, C. Latta, G. Latta, M. Lau, P. Lavin, D. Lawson, M. LeBreton, E. Lehr, D. Limpus, N. Lipczynski, A. S. Lobo, M. A. López-Luna, L. Luiselli, V. Lukoschek, M. Lundberg, P. Lymberakis, R. Macey, W. E. Magnusson, L. Mahler, A. Malhotra, J. Mariaux, B. Maritz, O. A. V. Marques, R. Márquez, M. Martens, G. Masterson, J. A. Mateo, R. Mathew, N. Mathews, G. Mayer, J. R. McCranie, J. Measey, F. Mendoza-Quijano, M. Menegon, S. Métrailler, D. A. Milton, C. Montgomery, S. A. A. Morato, T. Mott, A. Muñoz-Alonso, J. Murphy, T. Q. Nguyen, G. Nilson, C. Nogueira, H. Núñez, H. Ota, J. Ottenwalder, T. Papenfuss, S. Pasachnik, P. Passos, O. S. G. Pauwels, V. Pérez Mellado, N. Pérez-Buitrago, E. R. Pianka, J. Pleguezuelos, C. Pollock, P. Ponce-Campos, R. Powell, F. Pupin, G. E. Quintero Díaz, R. Radder, J. Ramer, A. R. Rasmussen, C. Raxworthy, R. Reynolds, N. Richman, E. L. Rico,

- E. Riservato, G. Rivas, P. L. B. Rocha, M.-O. Rödel, L. Rodríguez Schettino, W. M. Roosenburg, J. P. Ross, R. Sadek, K. Sanders, G. Santos-Barrera, H. H. Schleich, B. Schmidt, A. Schmitz, M. Sharifi, G. Shea, R. Shine, T. Slimani, R. Somaweera, S. Spawls, P. Stafford, R. Stuebing, S. Sweet, E. Sy, H. Temple, M. Tognielli, K. Tolley, P. J. Tolson, B. Tuniyev, S. Tuniyev, N. Üzüm, G. van Buurt, M. Van Sluys, A. Velasco, M. Vences, M. Veselý, S. Vinke, T. Vinke, G. Vogel, M. Vogrin, R. C. Vogt, O. R. Wearn, Y. L. Werner, M. J. Whiting, T. Wiewandt, J. Wilkinson, B. Wilson, S. Wren, T. Zamin, K. Zhou & G. Zug.)
405. 2013. Are lizards feeling the heat? A tale of ecology and evolution under two temperatures. *Global Ecology and Biogeography* 22:834–845. (S. Meiri, A. Bauer, L. Chirio, G. Colli, I. Das, T. Doan, A. Feldman, F.-C. Herrera, M. Novosolov, P. Pafilis, D. Pincheira-Donoso, G. Powney, O. Torres-Carvajal, P. Uetz & R. Van Damme.)
406. 2013. *Gerarda prevostiana* (Eydoux & Gervais, 1837) (Homalopsidae: Squamata), a new snake for Borneo. *Asian Herpetological Research* 4(1):76–78. (I. Das, H. Breuer & S. Shonleben.)
407. 2013. A Contribution to the Herpetology of Northern Pakistan [Book Review]. *Copeia* 2013(1):178–179.
408. 2013. Diversification in a biodiversity hotspot- the evolution of Southeast Asian rhacophorid tree frogs on Borneo (Amphibia: Anura: Rhacophoridae). *Molecular Phylogenetics and Evolution* 68(3):567–581. (S.T. Hertwig, M. Schweizer, I. Das & A. Haas.)
409. 2013. A new record of *Pseudoxenodon inornatus* (Boie in: Boie, 1827) from Gunung Gedeh National Park, west Java, Indonesia. *Hamadryad* 36(2):174–177. (R. Rahadian & I. Das.)
410. 2013. *Bronchocela cristatella* (Crested Green Lizard). Attempted prey. *Herpetological Review* 44(2):319–320.
411. 2013. *Theloderma horridum*. Geographical distribution. *Herpetological Review* 44(2):271. (C. Lee, Y. Emang, H.B. Kiprawi & I. Das.)
412. 2013. Lizard wears shades. A spectacled *Sphenomorphus* (Squamata: Scincidae) from the sacred forests of Mawphlang, Meghalaya, north-east India. *Zootaxa* 3701:257–276. (A. Datta Roy, I. Das, A.M. Bauer, R.K.L. Tron & P. Karanth.)
413. 2013. *Theloderma licin* McLeod and Ahmad, 2007 (Lissamphibia: Anura: Rhacophoridae), a new frog record for Borneo. *Asian Herpetological Research* 4(3):221–223. (I. Das, J. Grinang & Y.M. Pui.)
414. 2013. Species richness and endemism of the herpetofauna of South and Southeast Asia. *Raffles Bulletin of Zoology Supplement* (29):269–277. (I. Das & P.P. van Dijk.)
415. 2013. *Lanthanotus borneensis*, the Bornean Earless Monitor. *Herpetological Review* 44(4):cover; 533.
416. 2013. New records of *Limnonectes rhacodus* (Inger, Boeadi and Taufik, 1996) (Lissamphibia: Anura: Dicroglossidae) from Sarawak, East Malaysia (Northwestern Borneo). *Check List* 9(6):1588–1589. (Y.M. Pui, I. Das & A. Haas.)
417. 2014. *Nilssonina leithii*. In: Conservation biology of freshwater turtles and tortoises. A. G. J. Rhodin, P. C. H. Pritchard, P. P. van Dijk, R. A. Saumure, K. A. Buhlmann & J. B. Iverson (Eds). *Chelonian Research Monograph Number 5*. Chelonian Research Foundation, Lunenburg, Massachusetts. pp:075.1–5. (I. Das, S. Sirsi & K. Vasudevan & B.H.C. Murthy.)

418. 2014. The Bornean Frog Race- raising conservation awareness on amphibians of Sarawak and Malaysia. *Herpetological Review* 45(1):66–73. (I. Das, A.A. Tuen, Y.M. Pui & J.J. Ong.)
419. 2014. Extreme tadpoles II. the highly derived larval anatomy of *Occidozyga baluensis* (Boulenger, 1896), an obligate carnivorous tadpole. *Zoomorphology* 133: doi:10.1007/s00435-014-0226-7 (A. Haas, J. Pohlmeier, D.S. McLeod, T. Kleinteich, S.T. Hertwig, I. Das & D.R. Buchholz.)
420. 2014. Herpetological products in philately issued from Malaysia. *Russian Journal of Herpetology* 21(1):13–39.
421. 2014. Red Hot Chili Pepper: a new *Calluella* (Lissamphibia: Anura: Microhylidae) from Sarawak, Malaysia (Borneo). *Zootaxa* [3785\(4\)](#):550–560. (I. Das, Y. M. Pui, W. H. Hsu, S. Hertwig & A. Haas.)
422. 2014. Amphibians of Kubah National Park and the Matang Range. Institute of Biodiversity and Environmental Conservation, Universiti Malaysia Sarawak, Kota Samarahan. 11 pp. (I. Das, Y.M. Pui, T. b. Wahab & A. Haas)
423. 2014. The King Cobra on postage stamps. *Majalah Numismatik Wanglana* (1):4.
424. 2014. Status and decline of amphibians of Afghanistan. In: *Amphibian biology*. Vol. 11(3):107-113. Decline in the Eastern Hemisphere. H. Heatwole & I. Das (Eds). Natural History Publications (Borneo) Sdn Bhd., Kota Kinabalu.
425. 2014. Status and decline of amphibians of India. In: *Amphibian biology*. Vol. 11(3). Decline in the Eastern Hemisphere. H. Heatwole & I. Das (Eds). Natural History Publications (Borneo) Sdn Bhd., Kota Kinabalu. (I. Das & S. K. Dutta.)
426. 2014. Amphibians of the Maldives Archipelago. In: *Amphibian biology*. Vol. 11(3). Decline in the Eastern Hemisphere. H. Heatwole & I. Das (Eds). Natural History Publications (Borneo) Sdn Bhd., Kota Kinabalu.
427. 2014. Status, distribution and conservation issues of the amphibians of the Himalayan country of Bhutan. In: *Amphibian biology*. Vol. 11(5). Decline in the Eastern Hemisphere. H. Heatwole & I. Das (Eds). Natural History Publications (Borneo) Sdn Bhd., Kota Kinabalu. (J. Palden & I. Das.)
428. 2014. Conservation status of amphibians of Malaysia and Singapore. In: *Amphibian biology*. Vol. 11. Decline in the Eastern Hemisphere. H. Heatwole & I. Das (Eds). Natural History Publications (Borneo) Sdn Bhd., Kota Kinabalu. (I. Das, N. S. Yaakob, J. Sukumaran & T.-M. Leong.)
429. 2014. Status and decline of amphibians of Brunei Darussalam. In: *Amphibian biology*. Vol. 11(5). Decline in the Eastern Hemisphere. H. Heatwole & I. Das (Eds). Natural History Publications (Borneo) Sdn Bhd., Kota Kinabalu. (U. Grafe & I. Das.)
430. 2014. *Parias sumatranus*. Diet. *Herpetological Review* 45(2):in press. (I. Das, Y.M. Pui & A.A. Tuen.)
431. 2014. The venomous terrestrial snakes of Malaysia. Their identification and biology. In: *Handbook of Toxinology*. Vol. 1. Venomous animals: snakes, scorpions, spiders and marine organisms. P. Gopalakrishnakone (Ed.). Springer Handbooks, Berlin. in press. (I. Das, N. Ahmed & B.L. Lim.)
432. 2014. The dangerous venomous terrestrial and marine snakes of Brunei Darussalam. In: *Handbook of Toxinology*. Vol. 1. Venomous animals: snakes, scorpions, spiders and marine organisms. P. Gopalakrishnakone (Ed.). Springer Handbooks, Berlin. in press. (I. Das & J.K. Charles.)

433. 2014. Threatened vertebrates in peat swamps. In: Scientific journeys through peat swamps. Universiti Malaysia Sarawak, Kota Samarahan. in press (M.J. Azlan & I. Das.)
434. 2014. *Cuora mouhotii*. In: Conservation biology of freshwater turtles and tortoises. A. G. J. Rhodin, P. C. H. Pritchard, P. P. van Dijk, R. A. Saumure, K. A. Buhlmann & J. B. Iverson (Eds). Chelonian Research Monograph Number 5. Chelonian Research Foundation, Lunenburg, Massachusetts. in press (T. McCormack, I. Das & P.P. van Dijk.)
435. 2014. Dressed in black. A new *Ansonia* Stoliczka, 1870 (Lissamphibia: Anura: Bufonidae) from Gunung Murud, Sarawak, East Malaysia (Borneo). Zootaxa (S.T. Hertwig, Y.M. Pui, A. Haas & I. Das.)
436. In review. Description of tadpoles of three rare megophryid frogs (Amphibia: Anura, Megophryidae) from Gunung Mulu, Sarawak, Malaysia (Borneo). Zootaxa (E. Oberhammer, C. Barten, M. Schweizer, I. Das, A. Haas & S. Hertwig.)
437. 2014. Amphibians and reptiles. In: Malaysia and Singapore. The eco-travellers' wildlife guide. D. Pearson & L. Beletsky (Eds). Interlink Publishing, Northampton, MA. in press.
438. 2014. Reptiles of western Sarawak. In: The animal biodiversity of western Sarawak. A. A. Tuen & Lord Cranbrook (Eds). Universiti Malaysia Sarawak, Kota Samarahan. in press.
439. 2014. Turtles and crocodiles of India. The field guide. Draco Books, Chennai. in press. (I. Das & R. Whitaker.)
440. 2014. Memoir of a lizard-hunting naturalist. In: In search of the world's rarest reptiles. R. Gurley (Ed). Living Art Publications, Ada, Oklahoma. in press.
441. 2014. From frogs to theory: history of collectors and publications on the Western Ghats. In: Manual of the Western Ghats Network of Protected Areas for Threatened Amphibians. S. D. Biju (Ed.). Delhi University and Conservation International, New Delhi. In press.
442. In review. Spring-breeding and reproductive mode in *Leptolalax khasiorum* (Anura, Megophryidae) in north-eastern India. Asian Herpetological Research (R. K. L. Tron, I. Das, R. N. K. Hooroo & D. Rangad.)
443. In review. Late bloomers and baby boomers: an analysis of ecological drivers of squamate longevity. Global Ecology and Biogeography (I. Scharf, A. Feldman, M. Novosolov, D. Pincheira-Donoso, I. Das, M. Böhm, P. Uetz, O. Torres-Carvajal, A. M. Bauer, U. Roll & S. Meiri.)
444. In review. Ecological characteristics of the freshwater crab, *Isolapotamon bauense* Ng, 1987 from Gunung Serambu, Sarawak, Malaysia (Borneo). In: Wallace 2013. Springer Handbooks, Berlin (J. Grinang, I. Das & P. K. L. Ng.)
445. In review. The type localities of two species of freshwater crabs of the genus *Isolapotamon* Bott, 1968 (Crustacea: Decapoda: Brachyura: Potamidae) from Sarawak, Malaysia, with notes on their taxonomy. Crustaceana (J. Grinang, P. K. L. Ng & I. Das.)
446. In review. Applying the HCVF toolkit to assess the conservation value of Gunung Singai, Sarawak, East Malaysia. In: Proceedings of the Research Innovation for Malaysian Peninsula, Borneo and Australia (RIMBA3) Conference. Universiti Kebangsaan Malaysia, Universiti Malaysia Sarawak and Charles Darwin University,

Universiti Malaysia Sarawak, Kota Samarahan (A. A. Tuen, A. K. Sayok, I. Das, G. T. Noweg, C. J. Laman & L. Met.)

WEBSITES AND APPLICATIONS

1. 2001. A guide to the lizards of Borneo. Virtual Museum of Natural History Project, ASEAN Review of Biodiversity and Environmental Conservation. UNIMAS, Kota Samarahan, Sarawak, Malaysia (I. Das & G. Ismail.) URL: <http://www.arbec.com.my/lizards>.
2. 2002. Crocodiles and turtles of Borneo. Virtual Museum of Natural History Project, ASEAN Review of Biodiversity and Environmental Conservation. UNIMAS, Kota Samarahan, Sarawak, Malaysia. URL: <http://www.arbec.com.my/crocodilesturtles>.
3. 2007. Frogs of Borneo. Frogs and tadpoles of East Malaysia (A. Haas & I. Das). <http://frogsofborneo.org>. (A. Haas & I. Das). <http://frogsofborneo.org>.
4. 2014. Frogs of the Matang Range. Android and Apple Application for smartphones and tablets. <http://biovis.info/frogmatang/Cover.html> (I. Das, A. Haas & Y.M. Pui.)

RESEARCH REPORTS

1. 1983. A preliminary survey of the Indian pangolin *Manis crassicaudata* (Gray) in Orissa. Report to the World Wildlife Fund– India, Calcutta. 9 pp + 1 pl. (I. Das & A. A. Rao.)
2. 1984. Survey of turtle trade in eastern India, with recommendations for turtle conservation. Report to the World Wildlife Fund– India, Calcutta. 15 pp + 1 pl.
3. 1984. A review of the status of the Gangetic dolphin *Platanista gangetica* (Lebeck). Report to the World Wildlife Fund– India, Calcutta. 6 pp + 1 map + 1 pl.
4. 1984. Observations on the Gangetic dolphin *Platanista gangetica* (Lebeck) in River Rupnarain, Kolaghat, with notes on the Kolaghat Thermal Power Project. Report to the World Wildlife Fund– India, Calcutta. 4 pp + 1 pl.
5. 1985. Ecology and distribution of the river terrapin *Batagur baska* (Gray) in the Indian Sunderbans: Progress Report I. Submitted to the World Wildlife Fund– India, Calcutta. 6 pp. (I. Das & K. Mookherjee.)
6. 1987. Report of research on turtles in Britain under the British Council Visitorship Programme (1–16 October, 1986). Report to the British Council Division, Calcutta. 12 pp + 1 pl.
7. 1988. Turtles of Manas Tiger Reserve. Report to the Assam Forest Department, Guwahati. 5 pp.
8. 1988. Turtles of Kaziranga National Park. Report to the Assam Forest Department, Guwahati. 5 pp.
9. 1988. A survey of land tortoises and freshwater turtles in north-eastern India. Report to the IUCN/SSC Tortoise and Freshwater Turtle Specialist Group, Charleston, Illinois. 25 pp + 5 maps + 8 pl.
10. 1988. Fact Sheet: Status of the river terrapin in the Indian Sunderbans. Report to the World Wildlife Fund– India, Calcutta. 2 pp. (I. Das & K. Mookherjee.)
11. 1988. Monitor lizards (genus *Varanus*) in eastern India: A survey of status and trade. Consultancy report to the CITES/IUCN Conservation Monitoring Centre, Cambridge. 6 pp.

12. 1988. Distribution maps of monitor lizards (genus *Varanus* Merrem, 1820) of India. Submitted to the IUCN Conservation Monitoring Centre, Cambridge. 15 pp + 5 maps.
13. 1989. Sea turtles and coastal habitats in south-eastern Bangladesh. Report to the Sea Turtle Rescue Fund, Centre for Marine Conservation, Washington, D.C. 25 pp + 3 maps + 3 pl.
14. 1989. Report of a survey of freshwater turtles and land tortoises in Bangladesh. Report to the Fauna and Flora Preservation Society, London. 10 pp + 1 map + 6 pl.
15. 1992. The herpetofauna of Brunei: An analysis of community structure. First interim report. Report to the University of Brunei Darussalam, Bandar Seri Begawan. 10 pp.
16. 1993. The herpetofauna of Brunei: An analysis of community structure. Second interim report. Report to the University of Brunei Darussalam, Bandar Seri Begawan. 5 pp.
17. 1993. Status of knowledge of the diversity and conservation of the herpetofauna of Laos and Vietnam. Report to the Asian Wetland Bureau, Kuala Lumpur. 6 pp.
18. 1993. The herpetofauna of Brunei: An analysis of community structure. Final report to the University of Brunei Darussalam, Bandar Seri Begawan. 16 pp.
19. 1995. The biogeography and ecology of the herpetofauna of the Andaman and Nicobar Islands. Interim report I. Submitted to the Andaman and Nicobar Forest Department, Port Blair. 4 pp.
20. 1995. Report of research on the biogeography and systematics of south Asian amphibians and reptiles at the Natural History Museum, London. Report to the British Council Division, Madras. 3 pp.
21. 1996. The biodiversity and abundance of the relict herpetofauna of Sri Lanka. Report to the World Nature Association, Silverspring, Maryland. 20 pp.
22. 1996. Search for Beddome's five-toed skink (*Chalcides pentadactylus*). Report to the People's Trust for Endangered Species, London. 6 pp.
23. 1997. An ecological reconnaissance of Mount Harriet National Park, Andaman Islands, India. Interim Field Report to the Andaman and Nicobar Environmental Team/Fauna and Flora International, Cambridge. 6 pp.
24. 1997. An ecological reconnaissance of Mount Harriet National Park, Andaman Islands, India. Final Report to the Andaman and Nicobar Environmental Team/Fauna and Flora International, Cambridge. 19 pp.
25. 1998. Bibliography of the conservation literature of Myanmar (Burma). Submitted to the People's Trust for Endangered Species, London/Yangon Zoological Gardens, Yangon. 13 pp.
26. 1998. An ecological reconnaissance of Rani Jhansi Marine National Park, Ritchie's Archipelago, Andaman Islands. Report to the Andaman and Nicobar Environmental Team/Fauna and Flora International, Cambridge. 10 pp.
27. 1998. Biological conservation in Myanmar (Burma). Report to the People's Trust for Endangered Species, London. 17 pp; 2 pl.
28. 1999. World checklist of recently extinct species of reptiles. Report to the Committee on Recently Extinct Organisms, American Museum of Natural History, New York. (I. Das & A. M. Bauer.)

29. 1999. Distributional database for the south Asian amphibians and reptiles. Submitted to the World Wide Fund for Nature– US, Washington, D.C.
30. 2000. Biodiversity of the herpetofauna of Sarawak and adjacent areas– spatial patterns, historical biogeography and systematics. Report to Universiti Malaysia Sarawak, Kota Samarahan. 101 pp.
31. 2002. Ecology, floristics and socio-economics of three National Parks in the Andaman Islands, India. Report to the Flora and Fauna International/Darwin Initiative for the Survival of Species, London. 25 pp. (R. Ali, H. V. Andrews & I. Das; Editors.)
32. 2002. Ecological studies on the herpetofauna of Crocker Range, Sabah. Report to Universiti Malaysia Sarawak, Kota Samarahan. 10 pp.
33. 2003. Report on herpetological observations at Pulau Selirong, Temburong District, Brunei Darussalam. Consultancy report to Forestry Department, Brunei Darussalam and Ramsar Center, Japan. 16 pp.
34. 2004. The herpetofauna of Loagan Bunut, Sarawak, Malaysia. Final report to UNIMAS, United Nations Developmental Programme/Global Environmental Facility, Kota Samarahan. 22 pp. (I. Das & K. Jensen.)
35. 2004. Herpetofauna of Pelagus Rapids. Report to Sarawak Forestry Corporation, Kuching. 2 pp.
36. 2005. Studies on the diversity and ecology of the herpetofauna of Loagan Bunut National Park, Sarawak, Malaysia. Final consultancy report to UNDP/GEF Funded Project MAL/99/G31. 55 pp.
37. 2007. A rapid ecological assessment of the amphibians and reptiles of Kuala Lutong, Miri, Sarawak. Consultancy Report to Environmental Resource Management Sdn Bhd., Kuala Lumpur. 27 pp.
38. 2008. Inventory and biodiversity of the frog fauna of East Malaysia (Borneo) with emphasis on their larval forms. (Amphibia: Anura). Final report to Volkswagen Stiftung, Germany. (A. Haas & I. Das.)
39. 2011. “Search for lost frogs”. Herpetological inventory, and a search for the Sambas Stream Toad, *Ansonia latidisca* Inger, 1966, at Gunung Penrissen, Sarawak, Malaysia (Borneo). Final report to Conservation International/Amphibian Specialist Group/Global Wildlife Alliance, Washington, D.C., U.S.A. 16 pp.
40. 2011. Snakes of the Piasau Camp. Report to Shell Malaysia Berhad, Miri. 6 pp. http://www.outpostexpat.nl/media/locations/malaysia/miri/Documents/SafetySecurity/piasau_snake_guide.pdf (I. Das & G. Minton.)
41. Report on the Bornean Frog Race 2012. Report to Universiti Malaysia Sarawak, Kota Samarahan. 26 pp.
42. Image gallery of land snakes of medical significance in Malaysia. For Intermediate Level Workshop on Snakebite & Envenomation Management (SEM™) and International Workshop on Advanced Marine Animals & Snake Envenomation Management. Universiti Kebangsaan Malaysia, Kuala Lumpur. 40 pp. (K. Ismail, I. Das & S. A. Weinstein.)

MEETINGS, CONFERENCES, WORKSHOPS AND PROFESSIONAL TALKS

1. Invited Participant, World Wide Fund for Nature– International's 25th Anniversary Meeting, Assisi, Italy (24–29 September, 1986).
2. Poster Paper, First World Congress of Herpetology, University of Kent, Canterbury, United Kingdom: Paper: (with R. Whitaker and H. V. Andrews) 'Madras

Crocodile Bank Trust: research, public education and conservation' (11–19 September, 1989).

3. Seminar at the Centre for Ecological Sciences, Indian Institute of Sciences, Bangalore, India: 'Trophic relations of a community of anuran amphibians at a locality in south India' (26 June, 1990).

4. Seminar, Madras Crocodile Bank Trust, Madras, India: 'Morphological correlates of foraging modes in a community of amphibians in south India' (25 August, 1990).

5. Seminar, Department of Zoology, University of Oxford, Oxford, United Kingdom: 'Trophic ecology of an anuran assemblage in south India' (5 December, 1990).

6. Lecture, Österreichischen Gesellschaft für Herpetologie, Vienna Museum of Natural History, Vienna, Austria: 'The herpetofauna of the Western Ghats' (17 January, 1991).

7. Lecture, Universiti Brunei Darussalam/Brunei Nature Society, Bandar Seri Begawan, Brunei Darussalam: 'The case of the herbivorous frog' (3 March, 1992).

8. Lecture, Brunei Museum, Bandar Seri Begawan, Brunei Darussalam: 'The biology of turtles' (12 September, 1992).

9. Seminar, Universiti Brunei Darussalam, Bandar Seri Begawan, Brunei Darussalam: 'The herpetology of Brunei' (31 March, 1993).

10. Universiti Brunei Darussalam/Royal Geographical Society Conference–Tropical Rainforest Research: Current Issues. Bandar Seri Begawan, Brunei Darussalam: Paper: 'Spatio-temporal resource utilization by a Bornean rainforest herpetofauna' (9–15 April, 1993).

11. Universiti Brunei Darussalam/Royal Geographical Society Conference–Tropical Rainforest Research: Current Issues. Bandar Seri Begawan, Brunei Darussalam: Paper: 'Area cladograms for the herpetofauna of the Indian subcontinent: what they indicate about endemism, affinities and speciation' (9–15 April, 1993).

12. American Museum of Natural History/State University of New York, New York, U.S.A. Conservation, Restoration and Management of Turtles and Tortoises: an International Conference. Paper: 'The top ten: Conservation problems of tropical Asia's most threatened turtles' (11–16 July, 1993).

13. American Museum of Natural History/State University of New York, New York, U.S.A. Conservation, Restoration and Management of Turtles and Tortoises: an International Conference. Paper: 'Identifying areas of high herpetological diversity in the Western Ghats, south-western India' (11–16 July, 1993).

14. Public lecture, Universiti Brunei Darussalam/Brunei Nature Society, Bandar Seri Begawan, Brunei Darussalam: 'Frogs, lizards, snakes and turtles of Brunei Darussalam' (10 August, 1993).

15. Public lecture, Prakriti Samsad, Calcutta, India: 'The wildlife of south-east Asia' (30 October, 1993).

16. Public lecture, People United for a Better Living in Calcutta/United States Information Service, Calcutta, India: 'Biodiversity: A case study from Batu Apoi, Brunei' (10 November, 1993).

17. Public lecture, Department of Zoology, University of Peradeniya/Amphibian and Reptile Research Organization of Sri Lanka, Peradeniya, Sri Lanka: 'An action plan for the conservation of the south Asian herpetofauna' (7 December, 1994).

18. Lectures, Laboratoire des Amphibiens et Reptiles, Musée Naturelle d'Histoire Naturelle, Paris, France: 'Reptiles et amphibiens du Bornéo' (2–3 March, 1995).
19. International Congress of Chelonian Conservation, Station des Observation et Protection Tortues des Maures, Gonfaron, France. Paper: 'The status of knowledge of the non-marine turtles of the Philippines' (6–10 July, 1995).
20. First National Conference on Herpetology, University of Peradeniya, Peradeniya, Sri Lanka; organized by the Amphibian and Reptile Research Organization of Sri Lanka/Department of Wildlife Conservation/Global Environmental Facility/University of Peradeniya. Paper: 'Systematics and the herpetofauna of Sri Lanka' (30 July, 1995).
21. Lecture, New England Herpetological Society, Boston, U.S.A.: 'Insular herpetofaunas of tropical Asia' (9 March, 1996).
22. Lecture, Museum of Comparative Zoölogy, Harvard University, Cambridge, U.S.A.: 'The biology of turtles' (1 April, 1996).
23. Lecture, 19th Annual All Florida Herpetology Conference; organised by the Florida State Museum and the Gainesville Herpetological Society, Gainesville, U.S.A.: 'The herpetology of the Andaman and Nicobar Islands' (13 April, 1996).
24. Seminar, Department of Zoology, University of Florida, Gainesville, U.S.A.: 'Understanding biogeographic patterns: the south Asian mapping project' (16 April, 1996).
25. Public lecture, Chicago Herpetological Society, Chicago, U.S.A.: 'The herpetology of Brunei, north-western Borneo' (29 May, 1996).
26. Seminar, Department of Zoology, Southwest Missouri State University, Springfield, U.S.A.: 'The south Asian herpetofauna: its origin, diversity and distribution' (29 June, 1996).
27. International Conference on the Biology and Conservation of the South Asian Amphibians and Reptiles, Amphibia and Reptile Research Organization of Sri Lanka, University of Peradeniya, IUCN/SSC South Asian Reptile and Amphibian Specialist Group, Department of Wildlife Conservation and Ministry of Environment and Institute of Fundamental Studies. Country Report: Bhutan. University of Peradeniya, Peradeniya, Sri Lanka (1–5 August, 1996).
28. International Conference on the Biology and Conservation of the South Asian Amphibians and Reptiles, Amphibia and Reptile Research Organization of Sri Lanka, University of Peradeniya, IUCN/SSC South Asian Reptile and Amphibian Specialist Group, Department of Wildlife Conservation and Ministry of Environment and Institute of Fundamental Studies. Plenary: 'The history of herpetology of south Asia'. University of Peradeniya, Peradeniya, Sri Lanka (1–5 August, 1996).
29. International Conference on the Biology and Conservation of the South Asian Amphibians and Reptiles, Amphibia and Reptile Research Organization of Sri Lanka, University of Peradeniya, IUCN/SSC South Asian Reptile and Amphibian Specialist Group, Department of Wildlife Conservation and Ministry of Environment and Institute of Fundamental Studies. Paper: Species diversity and species richness of the leaf litter herpetofauna in Sri Lanka: preliminary results. (I. Das & A. de Silva.) University of Peradeniya, Peradeniya, Sri Lanka (1–5 August, 1996).
30. Public lecture, Wildlife Institute of India, Dehradun, Uttar Pradesh, India, 'History and biogeography of the herpetofauna of south Asia' (8 October, 1996).

31. Workshop participant, Conservation Assessment and Management Plan Workshop for Amphibians of India, Bhubaneswar, Orissa, India. Utkal University/Zoo Outreach Organisation (22–26 April, 1997).
32. Workshop participant, Conservation Assessment and Management Plan Workshop for Reptiles of India, Coimbatore, Tamil Nadu, India. Tamil Nadu Forest Department/Zoo Outreach Organisation (19–23 May, 1997).
33. Lecture at Management of Forests in India for Biological Diversity and Forest Productivity– An ecological perspective, 'Amphibians and human use of forests'. Top Slip, Anaimalai Wildlife Sanctuary, Tamil Nadu, India. Wildlife Institute of India/Tamil Nadu Forest Department (23–25 July, 1997).
34. Participant, Project Workshop on Rapid Biodiversity Evaluation in Relation to Conservation. Institute of Terrestrial Ecology/Herriot-Watt University, Edinburgh, Scotland, United Kingdom (24–26 September, 1997).
35. International Symposium: Diversity of reptiles, amphibians and other terrestrial animals on tropical islands: origin, current status and conservation, Okinawa, Japan, Organised by the University of the Ryukyus. Paper: 'Biogeography of amphibians and reptiles of the Andaman and Nicobar Islands' (6–8 June, 1998).
36. Kempholey/Gundia Hands-on Training for Amphibian Field Techniques, Identification and Taxonomy, Kempholey, Karnataka, India. Organised by Declining Amphibian Populations Task Force South Asia/Zoo Outreach Organisation/CBSG India (14–18 December, 1998).
37. Seminar at the Raffles Museum for Biodiversity Research, School of Biological Sciences, National University of Singapore, Singapore: 'Exploring the Earth's biological diversity: the unfinished agenda' (12 January, 1999).
38. Public lecture, Brunei Nature Society, Universiti Brunei Darussalam, Bandar Seri Begawan, Brunei Darussalam: 'Natural history of amphibians and reptiles of Asia' (9 March, 1999).
39. Workshop Participant, Committee for Recently Extinct Organisms, American Museum of Natural History, New York, USA (15–17 May, 1999).
40. Resource person, Training Workshop on Herpetological Research and Management Techniques, Royal Manas National Park, Bhutan. Organised by the Royal Bhutan Forest Department and the World Wide Fund for Nature– Bhutan (14–19 June, 1999).
41. Participant, Second ASEAN Symposium and Workshop. Sea Turtle Biology and Conservation. Organised by Universiti Malaysia Sarawak. Kota Kinabalu, Sabah, Malaysia (15–17 July, 1999).
42. Plenary Lecture, "Herpetofauna and human welfare", National Symposium on Advances and Applications of Animal Science for Human Welfare & First Zoological Congress of Eastern India. Organised by University of North Bengal, Department of Zoology, Darjeeling Government College, and Zoological Society of Eastern India, Darjeeling, India (26–27 November, 1999).
42. Participant, Workshop on Ecoregion-based Conservation in the Eastern Himalayas: Developing a Biodiversity Vision. Organised by the World Wide Fund for Nature, International Council for Integrated Mountain Development and United Nations Development Programme, Kathmandu, Nepal (1–3 December, 1999).

42. Public lecture, 'Amphibians and reptiles of Borneo', Sabah Society, Kota Kinabalu, Sabah, Malaysia (27 January, 2000).
43. Public lecture, 'The herpetofauna of Borneo', Malaysian Nature Society, Kuching, Sarawak, Malaysia (9 July, 2000).
44. Fourth Asian Herpetological Conference, Chengdu, China. Organised by the Chinese Academy of Sciences and the Asian Herpetological Research Society: "Biogeography of the lizards of Borneo" (17–20 July 2000).
45. Lectures: Symposium-00, Organised by the Boa-Group and Tropikhuset ALBA: "History of herpetology of India and adjacent countries", "Sri Lanka's herpetofauna" and "Lizards of Borneo", Norrköping, Sweden (11–12 November 2000).
46. Participant, Workshop on IUCN Asian Turtle Conservation, organised by the Dallas Forth Worth Zoological Gardens, Dallas/Forth Worth, U.S.A. (26–28 January 2001).
47. Seminar, 'Evolutionary biology of amphibians'. Institute of Tropical Biology and Conservation, Universiti Malaysia Sabah, Kota Kinabalu, Sabah, Malaysia (28 April, 2001).
48. Tropical Field Biology Course in Herpetology, Pulau Tioman, Malaysia (jointly organized with Lee Grismer), for students from La Sierra University, Universiti Malaysia Sarawak, Universiti Malaysia Sabah and National University of Singapore (3–17 July, 2001).
49. Seminar, Journeys to the Kelabit Highland. Institute of Biodiversity and Environmental Conservation, Universiti Malaysia Sarawak, Sarawak, Malaysia (3 October, 2001).
50. Spoken Paper, 'Comparison of the amphibian faunas of southern and south-east Asia'. Fourth World Congress of Herpetology, Bentota, Sri Lanka (2–8 December, 2001).
51. Seminar 'History of herpetological explorations of Borneo' at the Raffles Museum for Biodiversity Research, School of Biological Sciences, National University of Singapore, Singapore (11 January, 2002).
52. Paper presented at The 7th Borneo Research Council Conference, Kota Kinabalu, Sabah, Malaysia, 'Application of biogeographic data of frogs to prioritize conservation areas in Borneo' (B.-H. Kueh, M. Mohamed, I. Das & D. T. W. Chew; presenting author: B.-H. Kueh) (15 June 2002).
53. Tropical Field Biology Course in Herpetology, Pulau Tioman, Malaysia (jointly organized with Lee Grismer), for students from La Sierra University and Universiti Malaysia Sarawak (17–25 July, 2001).
54. Participant, Global Amphibian Assessment Meeting for Southeast Asia, Bangkok, Thailand. Organised by Conservation International/IUCN– The World Conservation Union (30 September – 4 October 2002).
55. Invited special lecture at 23rd Annual Symposium on Sea Turtle Biology and Conservation, Kuala Lumpur, Malaysia, 'Biology of freshwater and terrestrial turtles', organized by the Community Conservation Network, World Wide Fund for Nature– Malaysia and Department of Fisheries, Malaysia. (17–21 March 2003).
56. Tropical Field Biology Course in Herpetology, Pulau Tioman, Malaysia (jointly organized with Lee Grismer), for students from La Sierra University and Malaysian universities (17–25 July, 2003).

57. Paper presented at Seminar on Limestone Biodiversity, 'The herpetological diversity of the Bau Limestone Formation, Sarawak, Malaysia' (M. Naming & I. Das, presenting author: M. Naming) organized by the Sarawak Biodiversity Centre and Universiti Malaysia Sarawak, Kota Samarahan, Malaysia (22 October 2003).

58. Paper presented at Seminar on Limestone Biodiversity, 'The herpetofauna of limestone regions, with reference to south-east Asia', organized by the Sarawak Biodiversity Centre and Universiti Malaysia Sarawak, Kota Samarahan, Malaysia (22 October 2003).

59. Resource person in 'Wildlife film experience in India', organized by Wildeye, Dereham, Norfolk, United Kingdom, Corbett Tiger Reserve, Uttaranchal, India (14–23 November 2003).

60. Participant in Joint Meeting of the Conservation Breeding Specialist Group, South Asia and the Reintroduction Specialist Group, South and East Asia, organized by the IUCN Conservation Breeding Specialist Group, Colombo, Sri Lanka (8–9 December 2003); lecture at Population and Habitat Viability Assessment Workshop for Sri Lankan star tortoise and a Conservation Assessment and Management Plan Workshop for Sri Lankan turtles and tortoises, 'Chelonian diversity and conservation in southern Asia', Colombo, Sri Lanka (10–12 December 2003).

61. Paper presented at Conference on Bornean Herpetology 2003, 'Recently described and undescribed herpetofaunal species from Borneo and Peninsular Malaysia', organized by the Institute for Tropical Biology and Conservation, Universiti Malaysia Sabah and Japan International Cooperation Agency, Kota Kinabalu, Malaysia (16–17 December 2003).

62. Paper presented at Conference on Bornean Herpetology 2003, 'Herpetological explorations of Gunung Murud, Sarawak', organized by the Institute for Tropical Biology and Conservation, Universiti Malaysia Sabah and Japan International Cooperation Agency, Kota Kinabalu, Malaysia (16–17 December 2003).

63. Papers presented at Workshop on Sea Snake Biology, 'The sea snakes of north Borneo. Sarawak, Brunei and Sabah' and '*Hydrophis semperi*, the freshwater "sea snake" from Lake Taal, Philippines' (I. Das & G. V. A. Gee), organized by the Royal Danish Academy of Sciences and the Institute of Oceanography, Nha Trang, Vietnam (9–12 March 2004).

64. Lecturer in herpetology in International Field Biology Course, organised by the Center for Tropical Forest Science, Smithsonian Tropical Research Institute, at Lambir Hills National Park, Sarawak, Malaysia (19–21 July 2004).

65. Paper presented at Seminar on the diversity of Loagan Bunut National Park, organized by Universiti Malaysia Sarawak and United Nations Developmental Programme, 'An inventory of herpetofauna of LBNP' by I. Das and K. A. Jensen. Kota Samarahan, Malaysia (2–3 August 2004).

66. Paper presented at National Seminar on Protected Areas., 'Biodiversity of Gunung Murud: An expedition to Sarawak's highest mountain' (F. Abang & I. Das). Abstract, Proceedings of the Institute of Biological Diversity, Bukit Rengit, Lancang, Pahang, Malaysia. (21–23 September 2004).

67. Lecture at the Sarawak Forestry Corporation, 'Biology of the pythons of Borneo', Kuching, Malaysia (20 February 2005).

68. Presentation at the Universiti Malaysia Sarawak Research Seminar, 'Evaluation of the biodiversity of the Kelabit Highlands, Sarawak' by F. Abang, I. Das, C. Tawan, M. A. Rahman, A. A. Tuen, S. Muid, M. T. Abdullah, I. Ipor & P. Bulan, presenting author: F. Abang, organised by Universiti Malaysia Sarawak, Kota Samarahan, Sarawak, Malaysia (4 April 2005).

69. Paper presented at the Fifth World Congress of Herpetology, 'The herpetofauna of a forgotten mountain: Gunung Murud, Sarawak, Borneo', organized by University of Stellenbosch, South Africa (18–24 June 2005).

70. Invited Speaker, Seminar on the Status of Biological Diversity in Malaysia and Workshop on Threat Assessment of Plant Species in Malaysia, 'Status of Malaysian herpetofauna' by I. Das and N. Yaakob, organized by Forest Research Institute Malaysia, Kuala Lumpur, Malaysia (28–30 June 2005).

71. Paper presented at the Conference 'Wallace in Sarawak – 150 years later'. An International Conference on Biogeography and Biodiversity, 'A legacy of Wallace: Sarawak Museum and the history of herpetological research in Sarawak' by I. Das and C. Leh, organized by Universiti Malaysia Sarawak and Sarawak Development Institute, Kuching, Malaysia (13–15 July 2005).

72. Workshop Participant, 'Genetics, ethics and systematics: a workshop on turtles', organised by the Museum of Comparative Zoology, Harvard University, Cambridge, MA, U.S.A. (7–13 August 2005).

73. Invited Speaker, 'Turtles of tropical Asia. Their biology and conservation', organised by the 2005 National Reptile Breeders' Expo, Daytona Beach, Florida, U.S.A. (19–21 August 2005).

74. Paper presented at Ministry of Science, Technology and Industry (MOSTI) Intensification of Research in Priority Areas (IRPA) project monitoring presentation, 'Evaluation of the biodiversity of the Kelabit Highlands, Sarawak, IRPA project 08-02-09-1007-EA001' (authors: F. Abang, I. Das, C. Tawan, M. A. Rahman, A. A. Tuen, S. Muid, M. T. Abdullah, I. Ipor & P. Bulan: presenting author: I. Das), Universiti Malaysia Sarawak, Kota Samarahan, Sarawak, Malaysia (12 December 2005).

75. Paper presented at Conference on Natural Resources in the tropics. Development and commercialisation of tropical natural resources, 'Vertebrate fauna of Mount Berumpit' (authors: A. A. Tuen, I. Das, M. A. Rahman, M. T. Abdullah, W. Marni, B. Ketol, R. Hazali & I. Sait; presenting author: A. A. Tuen), Universiti Malaysia Sarawak, Kuching, Malaysia (6–8 June 2006).

76. Consultant Resource Person, Inventory and Training Workshop on Herpetological Research and Management Techniques, Tasek Merimbun Heritage Park, Tutong, Brunei Darussalam, organised by Brunei Museums Department, Bandar Seri Begawan, Brunei Darussalam (5–16 December 2006).

77. Invited Public Lecture at Universiti Brunei Darussalam, "Amphibians and Reptiles of Brunei: Lineage and Ecological Diversity". Universiti Brunei Darussalam, Bandar Seri Begawan, Brunei Darussalam (1 March 2007).

78. Lecturer in herpetology in International Field Biology Course, organised by the Center for Tropical Forest Science, Smithsonian Tropical Research Institute, at Lambir Hills National Park, Sarawak, Malaysia (26–27 July 2007).

79. Paper presented at the University Research Symposium 2007: 'Trophic ecology of the Asian Softshell Turtle, *Amyda cartilaginea* in peat swamps of Sarawak'. IRPA and Fundamental Research Grant, University Research Symposium, 10 December 2007, Universiti Malaysia Sarawak, Kota Samarahan, Malaysia.

80. Paper presented at the University Research Symposium 2007: 'Studies on bio-acoustics of frogs of Borneo'. IRPA and Fundamental Research Grant, University Research Symposium, 10 December 2007, Universiti Malaysia Sarawak, Kota Samarahan, Malaysia.

81. Faculty Member, School in Herpetology, Wildlife Institute of India. Lectures given: "Human perceptions of amphibians", "Turtles of Asia and their conservation", "A taxonomist's toolkit", "Natural history of the anuran larvae", "Herpetofaunal community ecology", "Herpetofaunal conservation in SE Asia", "Herpetological

studies in SE Asia (case study from Borneo)", "Introduction to bioacoustic studies on amphibians", "Resources on the www", "History of herpetology of India and adjacent countries" and "Cryptic species complexes in studies on biodiversity and conservation". Wildlife Institute of India, Dehradun, India (1–14 September 2008).

82. Public lecture, Prakriti Samsad, Kolkata, India: 'The wildlife of south-east Asia' (27 September 2008).

83. Seminar presented at the Department of Zoology, Northeastern Hill University, "Studies on ecomorphology of Bornean amphibians". Northeastern Hill University, Shillong, India (4 March 2009).

84. Paper presented at the International Tropical Zoology Symposium, Inventory of anuran larvae in East Malaysia (Borneo). A. Haas & I. Das. Alexander Koenig Museum, Bonn, Germany (3–8 May 2009).

85. Paper presented at the conference, "Biology of the Amphibians in the Sunda Region, South-east Asia", "Tadpole imaging- the growth of scientific knowledge of anuran amphibian larvae, with reference to the Sunda Region" (I. Das & A. Haas). Organized by Universiti Malaysia Sarawak, Kota Samarahan, Sarawak, Malaysia (28–30 September 2009).

85. Paper presented at the conference, "Biology of the Amphibians in the Sunda Region, South-east Asia", "Inventory of larval amphibians in Sarawak and Sabah" (A. Haas & I. Das). Organized by Universiti Malaysia Sarawak, Kota Samarahan, Sarawak, Malaysia (28–30 September 2009).

86. Faculty Member, School in Herpetology, Arya Vidyapeeth College. Lectures given: "A taxonomist's toolkit", "Natural history of the anuran larvae", "Trophic ecology and reptile diets", "Introduction to bioacoustic studies on amphibians", "Resources on the www", "History of Indian herpetology", "Reptile biodiversity of South Asia", "Herpetological photography" and "Cryptic species complexes in studies on biodiversity and conservation". Arya Vidyapeeth College, Guwahati, India (2–16 November 2009).

87. Facilitator, Science Group, Journal Writing Workshop. Organised by Universiti Malaysia Sarawak, Kuching, Malaysia (24–25 November 2009).

88. Paper presented at "Sarawak Biological Resources Forum 2010", "Diversity of larval forms of Bornean amphibians" (I. Das, A. Haas & S. Hertwig). Organized by the Sarawak Forest Department, Kuching, Sarawak, Malaysia (29–31 March 2010).

89. Distinguished Herpetologist Lecture Series at 23rd Joint Meetings of Ichthyologists and Herpetologists, "Perspectives, use and conservation of amphibians by indigenous people worldwide". Joint Meetings of Ichthyologists and Herpetologists, Providence, Rhode Island, U.S.A. (7–12 July 2010).

90. Co-facilitator, with M. A. Rahman, "Successful grant proposals: examples from the sciences". Organised by Universiti Malaysia Sarawak, Kota Samarahan, Malaysia (6 October 2010).

91. Convenor, Second Indian National Freshwater Turtle and Tortoise Conservation Meeting. Organised by the Centre for Herpetology, Madras Crocodile Bank Trust, Turtle Survival Alliance and San Diego Zoo. Lucknow, India (22–24 October 2010).

92. Paper presented at the workshop, "Western Ghats Network of Protected Areas for Threatened Amphibians", "From frogs to theory: history of collectors and publications in the Western Ghats", to be organised by Delhi University and

Conservation International, Delhi University, New Delhi, India (2–3 November 2010).

93. Lecture, “Ecomorphology of larval Bornean amphibians” Department of Zoology Coloquium 2011, Faculty of Science, Universiti Malaysia Sarawak, Kota Samarahan, Malaysia (23 February 2011).

94. Participant, IUCN Red List Workshop for Chinese and Southeast Asian Snakes. The World Conservation Union- IUCN and the Institute of Zoology, Chinese Academy of Sciences. Beijing, China (29 August – 2 September 2011).

95. Co-facilitator, with M. A. Rahman and A. A. Tuen, “Research practices and ethics in science for non-medical researchers”. Organised by Universiti Malaysia Sarawak, Kota Samarahan, Malaysia (27 September 2011).

96. Seminar presented, “Integrative biotic inventories in the tropics: an example from Borneo”. Zoological Survey of India, Kolkata, India (20 December 2011).

97. Event coordinator, The Borneo Frog Race 2012. Institute of Biodiversity and Environmental Conservation, Universiti Malaysia Sarawak and the Permai Rainforest Resort, Santubong, Sarawak, Malaysia (28 April 2012).

98. Speaker, “Venomous snakes of Malaysia”. Presented at ‘Bitten by the rare beauties. 1st National Workshop on Advanced Management of Marine Animals and Snake Envenomation in Malaysia’. Universiti Kebangsaan Malaysia, Kuala Lumpur, Malaysia (29–30 May 2012).

99. Speaker and Co-facilitator, “Introduction to the snakes of Malaysia”, “Venomous snakes of Malaysia” and “Conservation, Safety and Pet Trade”. Presented at ‘2nd National Course on Management of Arthropods and Snake Bites/Stings in Malaysia’. Universiti Kebangsaan Malaysia, Kuala Lumpur, Malaysia (28–29 August 2012).

100. Speaker, “Community-based conservation and the herpetofauna”. Forum on Conservation of Fauna and Flora- The Role of Traditional Knowledge & Local Communities. Malaysian Academy of Sciences, Kuala Lumpur, Malaysia (22–23 November 2012)

101. Co-facilitator, with M. A. Rahman and A. A. Tuen, “Research practices and ethics in the sciences”. Organised by Universiti Malaysia Sarawak, Kota Samarahan, Malaysia (6 December 2012).

102. Co-facilitator, with Leaw Chui Pin, Andrew Alek Tuen and Jongkar Grinang, “Workshop on Scientific Writing”. Organised by the Institute of Biodiversity and Environmental Conservation, Universiti Malaysia Sarawak, Kota Samarahan, Malaysia (21 December 2012).

103. Lecture “The Amazing World of Frogs”. University College Sarawak International / Malaysian Nature Society, Kuching, Malaysia (2 April 2013).

104. Event coordinator, The Borneo Frog Race 2013. Institute of Biodiversity and Environmental Conservation, Universiti Malaysia Sarawak and the Sarawak Forestry Corporation, Kubah National Park, Sarawak, Malaysia (27 April 2013).

105. Speaker, “Snakes of medical significance in South-east Asia. Species, habitats and distribution” and “Conservation and safety issues”. Presented at ‘Bitten by the rare beauties. 2nd National Workshop on Advanced Management of Marine Animals and Snake Envenomation in Malaysia’. Universiti Kebangsaan Malaysia, Tambun, Perak, Malaysia (3–4 June 2013).

106. Paper presented at Conference, “Streams in forested headwaters as reservoirs of endemism in Bornean amphibians: a case study at Gunung Mulu National Park, Sarawak, Borneo”. Wallace Conference. Kuching, Sarawak, Malaysia. Universiti Malaysia Sarawak, Sarawak Forestry Corporation and Sarawak Museum (7–8 November 2013) (Y. M. Pui & I. Das.)

107. Poster, "Alfred Russel Wallace on Postage Stamps". Wallace Conference. Kuching, Sarawak, Malaysia. Universiti Malaysia Sarawak, Sarawak Forestry Corporation and Sarawak Museum (7–8 November 2013) (I. Das & Y. M. Pui.)
108. Workshop Conductor, Amphibian Eco-tourism Training Workshop. Ministry of Tourism Sarawak, Kubah National Park, Sarawak, Malaysia (14 April 2014).
109. Event coordinator, The International Bornean Frog Race 2014. Institute of Biodiversity and Environmental Conservation, Universiti Malaysia Sarawak and the Sarawak Forestry Corporation, Kubah National Park, Sarawak, Malaysia (26 April 2014).

REFEREES

- **Prof. Kraig Adler**, Professor of Biology, Division of Biological Sciences, Section of Neurobiology and Behavior, Seeley G. Mudd Hall, Cornell University, Ithaca, New York 14853-2702, USA. Fax: (607) 254 4308, Tel: (607) 254 4392, email: kka4@cornell.edu
- **Prof. Aaron Bauer**, Department of Biology, Villanova University, 800 Lancaster Avenue, Villanova, PA 19085, USA. Tel: (610) 519 4857; (610) 519 7863; email: aaron.bauer@villanova.edu
- **Dr. Joseph Charles**, Senior Lecturer, Department of Biology, Universiti Brunei Darussalam, Jalan Tunku Link, Gadong, Bandar Seri Begawan 2028, Brunei Darussalam. Fax: (673) 02 427003, Tel: (673) 02 427001, email: magpierobin68@yahoo.com
- **Dr. John Frazier**, Research Associate, Conservation and Research Center, Smithsonian Institution, 1500 Remount Road, Front Royal, Virginia 22630, USA. Fax: (540) 635 6551/6506, Tel: (540) 635 6564; email: kurma@shentel.net
- **Dr. Rohan Pethiyagoda**, Ichthyology Section, Australian Museum, 6 College Street, Sydney, NSW 2000, Australia. email: rohanpet@gmail.com

49. Appendix G. Constitutional Changes to be Considered in 2014

Summary of Constitutional Changes

Marked Copy of the 2008 Constitution (see Appendix A for unmarked copy)

PDF of the Powerpoint of Constitutional Changes

Proposed changes to the ASIH Constitution and Bylaws – 16 April 2014

Dear ASIH Members,

Please find attached to this message three documents. One is the ASIH Constitution last revised and ratified in 2008. The second is a PDF showing the proposed changes to the constitution and by-laws using Track Changes in Word, and the third is this summary of changes. Many of the changes are minor while others are substantive. Nearly every article in the Constitution and Bylaws are affected in the suite of proposed changes.

The substantive changes include:

1. Making the Associate Editors members of the Board of Governors who will be re-elected annually after their initial appointment to the position by the Editor. This moves the AEs from the “officer” category to being members of the BOG. The rationale for this change was made by former Treasurer Neighbors who argued that the number of officers should be minimized because they are the members who are fiscally and legally responsible for the actions of the society and having all AEs as officers makes for cumbersome business practice (Constitution, Article IV, Section 1; Constitution, Article V, Section 1)
2. Have electronic voting by the membership in General Election that has taken place during the Annual Business Meeting. Given the shorter meeting and the low turnout at the ABM during the meeting, we might get greater interest in society governance if we had a mechanism for electronic voting. All the other societies I belong to have electronic polling of members for general elections. The rationale for this change comes on a desire to include the membership in making decisions about leadership. As our numbers continue to decline, an engaged membership might be more likely to retain their membership. The Board of Governor elections (for Fitch, Gibbs, Johnson, Nelson) will continue to take place as they always have (the winners of the BOG elections will be announced during the Annual Business Meeting in the new 4-day meeting format)(Constitution, Article IV, Section 2; Constitution, Article V, Section 2; Bylaws, Article IX, Section 3).
3. Removing the lists of Committees from the Constitution. The rationale for this change is one of practicality. To change the name and duty of a committee requires a constitutional vote. We have a Policies and Procedures Manual that has recently been revised and guides all officers on the conduct of society business. We are hampered by having this particular listing in the Constitution and our effectiveness in making decisions can be delayed because of the requirement to circulate changes to the membership 3 months prior to a vote. Given there is no electronic voting currently allowed by members of the ASIH, we have to wait for the next Annual Business Meeting to change a committee name (Bylaws, Article VIII, Section 1).

4. The Constitution states that the Secretary will arrange for the audit. In reality, since 2000 when Harry Greene appointed me to be the ASIH Secretary, the Treasurer arranged for the audit. We have changed the constitution to reflect this (Bylaws: Article III, section 6 deleted and former 7 is now 6 and 8 is now 7; Bylaws, Article IV, section 2 is new and former sections 2, 3, and 4 are renumbered as 3, 4, and 5).
5. The Robert K. Johnson Award and Joseph S. Nelson Award are added to the Bylaws as Articles XIII and XIV. Former Articles XIII to XVI are renumbered as XV to XVIII (Bylaws – new addition).
6. The Procedures are clarified and the Policies and Procedures manual is referenced as the authority for the society (Bylaws – former Article XVI now XVIII).
7. The changes are described below by article and section.

ACTUAL CHANGES

1. Constitution – Article II, Section 1: Change to “scientific study”
2. Constitution – Article III, Section 2a: Change to Life Members
3. Constitution – Article IV, Section 1: Restrict the “Officers” to the President, President-Elect, Treasurer, Editor, and Secretary. Associate Editors will be members of the Board of Governors and will be elected annually through online voting (see below)
4. Constitution – Article IV, Section 2: Change voting for officers from onsite during the annual meeting to online and engaging all the membership
5. Constitution – Article IV, Section 3: all officers must be society members
6. Constitution – Article IV, Section 5: clean up of old punctuation and change voting procedure.
7. Constitution – Article IV, Section 6: change language to reflect actual titles for officers.
8. Constitution – Article IV, Section 7: reflect the reality of what we do and shows that the Board of Governors is also active year-round.
9. Constitution – Article V, Section 1: Add Associate Editors to the Board of Governors.
10. Constitution – Article V, Section 2: Change language for online elections.
11. Constitution – Article V, Section 4: Stipulate that members of the Board of Governors are members of the society during their five years of office.
12. Constitution – Article VI, Section 1: The reports from the Executive Committee meeting are read as part of the Board of Governors report.
13. Constitution – Article VI, Section 2: This change reflects the reality of modern ASIH business practices as a founding-member of the JMIH consortium of scientific societies.. The meeting planners (K-State representatives) find bids for meeting sites. The Meetings Management and Planning Committee members from ASIH join other JMIH members to evaluate bids and then recommend them to the Board of Governors.
14. Constitution – Article VI, Section 3: We no longer mail out information but use email and the website to advertise meeting-related information.

15. Constitution – Article VII, Defines quorum for online elections as 100 members.

ByLaws:

1. Article I, Section 1: Delete the statement about shipment of Copeia. We will ship the second dues are paid!
2. Article II, Section 2: The list of Standing “Committees” should come out of the constitution. Our administrative hands are tied under the current Article and we cannot be nimble when we have to vote a constitutional change to alter a committee’s name. The Policies and Procedures manual is a living, up-to-date document that should govern all committees and their functions. Our constitution and bylaws are not the place for this sort of practical information.
3. Article III, Section 2: Clarification of duty of Secretary.
4. Article III, Section 4: The Executive Committee does this. The Secretary does not. This duty will be added to the Policies and Procedures manual for the Executive Committee.
5. Article III, Section 5: Clean up language.
6. Article III, Section 6: Since 2000, the Treasurer has arranged for the audit. I have never done it, nor has any secretary before me. This duty is added to the Treasurer’s duties and deleted from the Secretary’s duties.
7. Article III, Section 7: renumber to section 6.
8. Article III, Section 8: renumber to section 7; change to inventoried items (7c).
9. Article IV, Section 2: Add the auditor selection to the treasurer’s duties. This change results in a renumbering of the other sections in Article IV.
10. Article V, Section 1f: Cleanup of language. The Editor’s dues and some costs (transportation and lodging) are reimbursed by the Society.
11. Article V, Section 2a: deletion of “COO” statement because the Editor is COO.
12. Article V, Section 2d: Insertion of Section 2d describes election of the Associate Editors to BOG; renumbering of other parts of Section 2.
13. Article V, Section 2f: Describes reimbursement of dues and registration costs for Associate Editors.
14. Article VII, Section 1. Add a comma.
15. Article VII, Section 2. Add a comma.
16. Article VIII. Delete Sections 2 through 8. Move committees to the Policies and Procedures Manual. We cannot change a committee name/function without a constitutional vote that takes a least a year. We cannot maneuver quickly under the current listing of committees in the Bylaws.
17. Article IX, Section 3. Change for online voting.
18. Article X, Section 1. Delete a space.
19. Article XI. All changes are cleanup changes.
20. Article XII: All changes are cleanup to language.

21. Article XII, Section 2h: Changes required to the Henry S. Fitch Award and Committee selection language to reflect current practice for election to all the Board of Governors Award Committees (Fitch, Gibbs, Johnson, Nelson).
22. Article XIII: New Article to Describe the Robert K. Johnson Award.
23. Article XIV: New Article to Describe the Joseph S. Nelson Award.
24. Article XV and XVI (renumbering of old XIII and XIV)
25. Article XVII (old XV): cleanup of language
26. Article XVIII (old XVI): change to place emphasis on Policies and Procedures Manual.

ASIH CONSTITUTION

revised & ratified 27 July 2008
changes to be considered in Tennessee, 2014

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 scientific study of fishes, amphibians, and reptiles.

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

Maureen Donnelly 3/30/14 3:13 PM

Deleted: science of the

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.

Maureen Donnelly 3/30/14 3:15 PM

Deleted: members

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, and an Editor.

Section 2. The Officers, shall be elected online, 60 days after the Annual Business Meeting by active members of the Society. The slate of nominees shall be furnished by the Nominating Committee to the Board of Governors at their annual meeting. The Board of Governors will approve the slate. Additional nominations may be presented from the floor of the Board of Governors and Annual Business meetings. All nominations shall be accompanied by a brief statement of

Maureen Donnelly 3/30/14 3:19 PM

Deleted: , 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.

Maureen Donnelly 3/30/14 3:17 PM

Deleted: at the

Maureen Donnelly 3/30/14 3:17 PM

Deleted: attending the meeting

Maureen Donnelly 3/30/14 3:18 PM

Deleted: at

Maureen Donnelly 3/30/14 3:38 PM

Deleted: at

Maureen Donnelly 3/30/14 3:38 PM

Deleted: meeting

Maureen Donnelly 3/30/14 3:38 PM

Deleted: M

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) and shall be members in good-standing during their terms of office.

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 the Editorship, Secretaryship, or Treasurership occurring in the interval between annual meetings of the Society may be filled, until the next election, by Presidential appointment,

Section 6. Executive Committee.

a. The Executive Committee shall consist of the President, President-Elect, 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, 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, the Executive Committee, and the Board of Governors if they are called upon to vote on society business.

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.

Associate Editors will be members of the Board of Governors during their editorship. 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.

- Maureen Donnelly 3/30/14 3:41 PM
Deleted: either
- Maureen Donnelly 3/30/14 3:42 PM
Deleted: annual meeting
- Maureen Donnelly 4/5/14 1:07 PM
Deleted:
- Maureen Donnelly 4/5/14 1:07 PM
Deleted: appointment by the President
- Maureen Donnelly 3/30/14 3:46 PM
Deleted: immediate
- Maureen Donnelly 3/30/14 3:47 PM
Deleted: p
- Maureen Donnelly 3/30/14 3:47 PM
Deleted: immediate
- Maureen Donnelly 3/30/14 3:47 PM
Deleted: p
- Maureen Donnelly 3/30/14 3:43 PM
Deleted: and

Section 2. Ten vacancies in the elective membership of the Board of Governors shall be filled through online election. The election will follow the Annual Business Meeting and include nominations provided by the Nominating Committee and/or from the floor of the Board of Governors or 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. Five of the elected Governors shall be herpetologists and five shall be ichthyologists. Each member shall vote for a maximum of five candidates in the online election. The term of office shall commence on 1 January following the election after the annual meeting at which the Governor was nominated. 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 be members of the Society and 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 Executive Committee, 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 evaluate annual meeting site proposal recommended by meeting organizers 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 communicated to all members of the Society at least three months before 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.

One hundred (100) members shall constitute a quorum of the Society for online elections.

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

Maureen Donnelly 3/30/14 3:53 PM

Deleted: at

Maureen Donnelly 3/30/14 3:54 PM

Deleted: from

Maureen Donnelly 3/30/14 3:52 PM

Deleted: elected

Maureen Donnelly 3/30/14 4:24 PM

Deleted: solicit and receive invitations from prospective home institutions for the Annual Meetings, shall

Maureen Donnelly 3/30/14 4:24 PM

Deleted: such invitations,

Maureen Donnelly 3/30/14 4:25 PM

Deleted: mailed

Maureen Donnelly 3/30/14 4:25 PM

Deleted: date set for the

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. 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 [ASIH Policies and Procedures Manual](#), 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 [Executive Committee](#), Board of Governors and [Annual Business](#) meetings held during the annual meeting. [The Secretary shall ensure that financial documents are posted on the Society website.](#)

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

Maureen Donnelly 3/30/14 4:32 PM
Deleted: COPEIA shall not be sent to those in arrears for dues.

Maureen Donnelly 3/30/14 4:34 PM
Deleted: -
Maureen Donnelly 3/30/14 4:34 PM
Deleted: -

Maureen Donnelly 3/30/14 4:34 PM
Deleted: Constitution and Bylaws

Maureen Donnelly 3/30/14 4:40 PM
Deleted: general
Maureen Donnelly 3/30/14 4:41 PM
Deleted: business
Maureen Donnelly 3/30/14 4:41 PM
Deleted: at

Section 4. The Secretary shall make such purchases and employ such assistance as is necessary to conduct the business of the Society. 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 may act as a delegate or representative of the Society at meetings of related societies covering matters of mutual interest.

Section 6. Any copyright requests or copyright-related issues and the associated records-keeping shall be handled by the Secretary, in consultation with the Editor.

Section 7, 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 inventoried items.

Article IV: Treasurer

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

Section 2. The Treasurer shall arrange for an independent annual professional audit of the financial records of the society, shall prepare the IRS form 990, and shall inform the Secretary of the auditor selection.

Section 3. 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 4. The Treasurer shall file form 990, Return of Organization Exempt from Income Tax, with the Internal Revenue Service annually.

Section 5. 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

Maureen Donnelly 3/30/14 4:37 PM

Deleted: 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.

Maureen Donnelly 3/30/14 4:38 PM

Deleted:

Maureen Donnelly 3/30/14 4:38 PM

Deleted: shall

Maureen Donnelly 4/5/14 1:21 PM

Deleted: this

Maureen Donnelly 3/30/14 4:38 PM

Deleted: .

Maureen Donnelly 3/30/14 4:39 PM

Deleted: 7

Maureen Donnelly 3/30/14 4:39 PM

Deleted: 8

Maureen Donnelly 3/30/14 4:42 PM

Deleted: backlogged

Maureen Donnelly 3/30/14 5:00 PM

Deleted: 2

Maureen Donnelly 3/30/14 5:00 PM

Deleted: 3.

Maureen Donnelly 3/30/14 5:00 PM

Deleted: 4

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, and transportation and lodging incurred during the Annual Meeting shall be reimbursed by 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 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. Associate Editors shall be elected online annually by Society members after the Annual Business Meeting and will serve on the Board of Governors throughout their terms; all Associate Editors shall be member of the Society.

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

f. Associate Editors shall have their annual dues to the Society and their registration for the Annual Meeting reimbursed 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

Maureen Donnelly 3/30/14 5:05 PM

Deleted: shall be waived,

Maureen Donnelly 3/30/14 5:05 PM

Deleted: at

Maureen Donnelly 3/30/14 5:05 PM

Deleted: monies of

Maureen Donnelly 3/30/14 5:02 PM

Deleted: serve as Chief Operating Officers for their respective sections, shall

Maureen Donnelly 3/30/14 5:03 PM

Deleted: d

Maureen Donnelly 3/30/14 5:03 PM

Deleted: e

Maureen Donnelly 3/30/14 5:03 PM

Deleted: waived during their term of office

Maureen Donnelly 3/30/14 5:03 PM

Deleted: shall be paid

Section 1. Committees of the American Society of Ichthyologists and Herpetologists are categorized as Standing Committees, Continuing Committees, Recurring Committees and Special Purpose Committees. [These Committees and their functions are described in the ASIH Policies and Procedures Manual.](#)

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 [online](#) election of the Nominating Committee [by the society membership](#) shall [occur within sixty \(60\) days of](#) 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.

Maureen Donnelly 3/30/14 5:13 PM

Deleted: 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. ... [2]

Maureen Donnelly 3/30/14 5:16 PM

Deleted: be at

Maureen Donnelly 3/30/14 5:16 PM

Deleted:

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 shall 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.

Maureen Donnelly 3/30/14 5:17 PM
Deleted: will

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 fundraising for the endowment.

Maureen Donnelly 3/30/14 5:28 PM
Deleted: -

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 General 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 shall monitor the activities of outside professional money managers.

Maureen Donnelly 3/30/14 5:28 PM
Deleted: e

Maureen Donnelly 3/30/14 5:28 PM
Deleted: will

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 shall 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.

Maureen Donnelly 3/30/14 5:30 PM
Deleted: will

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 shall 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.

Maureen Donnelly 3/30/14 5:30 PM
Deleted: will

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 from 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 an 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.

Maureen Donnelly 3/30/14 5:31 PM
Deleted: a

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 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.

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 General 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. The Henry S. Fitch Fund Award Committee shall consist of three herpetologists each serving a three-year term. Each year, the senior-most member serves as chair of the committee. After

Maureen Donnelly 3/30/14 5:32 PM
Deleted: A member of the

three years of service, the chair is replaced by an individual elected by the Board of Governors from a slate of nominees submitted by the Nominating Committee or nominated from the floor. Those nominated from the floor must provide a signed, written statement of their willingness to stand for election and serve if elected. The members of the committee shall be members of the Society.

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. Robert K. Johnson Award

The basis for the annual Robert K. Johnson Award for Excellence in Service shall be determined by the Robert K. Johnson Award Committee. The Robert K. Johnson Award Committee shall consist of three members each serving three years. The award is given to an ichthyologist in even years and to a herpetologist in odd years. In even years, the committee is made up of two ichthyologists and one herpetologist. In odd years, the committee is made up of two herpetologist and one ichthyologist. Each year, the senior-most member serves as chair of the committee. The chair of the committee is replaced by an election of the Board of Governors from a slate of nominees submitted by the Nominating Committee, or nominated from the floor. Those nominated from the floor must provide a signed, written statement of their willingness to stand for election and serve if elected. The members of the committee shall be members of the Society.

Article XIV. Joseph S. Nelson Award

The basis for the annual Joseph S. Nelson Lifetime Achievement Award in Ichthyology shall be determined by the Joseph S. Nelson Award Committee. The Joseph S. Nelson Award Committee shall consist of three ichthyologists each serving a three-year term. Each year, the senior-most member serves as chair of the committee. After three years of service, the chair is replaced by an individual elected by the Board of Governors from a slate of nominees submitted by the Nominating Committee or nominated from the floor. Those nominated from the floor must provide a signed, written statement of their willingness to stand for election and serve if elected. The members of the committee shall be members of the Society.

Maureen Donnelly 3/30/14 5:34 PM
Deleted: shall be appointed by the President for a three year term of service. The senior member of the Committee serves as its Chair.

Maureen Donnelly 3/30/14 5:34 PM
Deleted:

Maureen Donnelly 4/16/14 10:08 AM
Formatted: Font:Bold

Maureen Donnelly 4/16/14 10:08 AM
Formatted: Font:Bold

Maureen Donnelly 4/16/14 10:08 AM
Formatted: Font:Bold

Maureen Donnelly 4/16/14 10:08 AM
Formatted: Font:Bold

Maureen Donnelly 4/16/14 10:08 AM
Formatted: Font:Bold

Maureen Donnelly 4/16/14 10:08 AM
Formatted: Font:Bold

Maureen Donnelly 4/16/14 10:08 AM
Formatted: Font:Bold

Maureen Donnelly 4/16/14 10:08 AM
Formatted: Font:Bold

Maureen Donnelly 4/16/14 10:08 AM
Formatted: Font:Bold

Article XV: Honorary Foreign Members

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

Maureen Donnelly 6/19/14 3:18 PM

Deleted: XIII

Article XVI: Society Sets of COPEIA

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

Maureen Donnelly 6/19/14 3:18 PM

Deleted: XIV

Article XVII: 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 for a calendar year and shall normally be appointed by the President during or following the previous annual meeting.

Maureen Donnelly 6/19/14 3:18 PM

Deleted: XV

Maureen Donnelly 3/30/14 5:46 PM

Deleted: from one annual meeting until the next

Article XVIII: Procedures

The procedures and policies used to govern the Society are detailed in the Policies and Procedures Manual posted on the ASIH website. Procedures and other items, not specified in that Manual, the Constitution or Bylaws of this Society, or by action at the annual meeting shall be in accordance with Robert's Rules of Order.

Maureen Donnelly 3/30/14 5:47 PM

Deleted: the Constitution or Bylaws of this Society or by action at the annual meeting, shall be in accordance with Robert's Rules of Order.

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 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 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 II: Object

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

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

Constitution – Article II, Section 1: Change to “scientific study”

Article III: Membership

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.

Article III: Membership

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.

Constitution – Article III, Section 2a: Change to Life Members

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.

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, and an Editor shall be elected annually.

Constitution – Article IV, Section 1: Restrict the “Officers” to the President, President-Elect, Treasurer, Editor, and Secretary. Associate Editors will be members of the Board of Governors and will be elected annually through online voting (see below)

Article IV

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.

Article IV

Section 2. The Officers, shall be elected online, 60 days after the Annual Business Meeting by active members of the Society. The slate of nominees shall be furnished by the Nominating Committee to the Board of Governors at their annual meeting. The Board of Governors will approve the slate. Additional nominations may be presented from the floor of the Board of Governors and Annual Business meetings. 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.

Constitution – Article IV, Section 2: Change voting for officers from onsite during the annual meeting to online and engaging all the membership

Article IV

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

Article IV

Section 3. The officers named in Section 1 shall discharge the duties usually assigned to their respective offices (see Bylaws) and shall be members in good-standing during their terms of office.

Constitution – Article IV, Section 3: all officers must be society members

Article IV

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.

Article IV

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

Constitution – Article IV, Section 5: clean up of old punctuation and change voting procedure.

Article IV

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.

Article IV

Section 6. Executive Committee.

a. The Executive Committee shall consist of the President, President-Elect, 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, 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.

Constitution – Article IV, Section 6: change language to reflect actual titles for officers.

Article IV

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 IV

Section 7. Between the annual meetings the business of the Society shall be conducted by the officers, acting within their individual responsibilities, the Executive Committee, and the Board of Governors if they are called upon to vote on society business.

Constitution – Article IV, Section 7: reflect the reality of what we do and shows that the Board of Governors is also active year-round.

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.

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. Associate Editors will be members of the Board of Governors during their editorship. 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.

Constitution – Article V, Section 1: Add Associate Editors to the Board of Governors.

Article V - 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.

Article V - Section 2. Ten vacancies in the elective membership of the Board of Governors shall be filled through online election. The election will follow the Annual Business Meeting and include nominations provided by the Nominating Committee and/or from the floor of the Board of Governors or 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. Five of the elected Governors shall be herpetologists and five shall be ichthyologists. Each member shall vote for a maximum of five candidates in the online election. The term of office shall commence on 1 January following the election after the annual meeting at which the Governor was nominated. 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.

Constitution – Article V, Section 2: Change language for online elections.

Article V

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

Article V

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

Constitution – Article V, Section 4: Stipulate that members of the Board of Governors are members of the society during their five years of office.

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.

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 Executive Committee, the Board of Governors, and of acting upon such business as may properly be considered by the membership at large.

Constitution – Article VI, Section 1: The reports from the Executive Committee meeting are read as part of the Board of Governors report.

Article VI - 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.

Article VI - Section 2. The Meetings Management and Planning Committee shall evaluate annual meeting site proposal recommended by meeting organizers and shall report its recommendation(s) to the Board of Governors.

Constitution – Article VI, Section 2: This change reflects the reality of modern ASIH business practices as a founding-member of the JMIH consortium of scientific societies. The meeting planners (K-State representatives) find bids for meeting sites. The Meetings Management and Planning Committee members from ASIH join other JMIH members to evaluate bids and then recommend them to the Board of Governors.

Article VI - 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 VI - 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 communicated to all members of the Society at least three months before the meeting.

Constitution – Article VI, Section 3: We no longer mail out information but use email and the website to advertise meeting-related information.

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 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.

One hundred (100) members shall constitute a quorum of the Society for online elections.

Constitution – Article VII, Defines quorum for online elections as 100 members.

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.

Article I: Dues

Section 1. Annual dues shall be payable 1 January, in advance. Upon payment of arrearage, plus a late fee calculated as 10% of the annual dues, the former member shall be reinstated.

Bylaws: Article I, Section 1: Delete the statement about shipment of Copeia. We will ship the second dues are paid!

Bylaws: Article II - 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.

Bylaws: Article II - Section 2. The President shall also appoint the committees prescribed by the ASIH Policies and Procedures Manual, and such other representatives or committees as may prove necessary. The President and President-Elect shall be members of all committees.

Article II, Section 2: The list of Standing “Committees” should come out of the constitution. Our administrative hands are tied under the current Article and we cannot be nimble when we have to vote a constitutional change to alter a committee’s name. The Policies and Procedures manual is a living, up-to-date document that should govern all committees and their functions. Our constitution and bylaws are not the place for this sort of practical information.

Bylaws – Article III - 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.

Bylaws – Article III - Section 2. The Secretary shall be responsible for sending out notices announcing the annual meeting and for arranging the agenda for the Executive Committee, Board of Governors and Annual Business meetings held during the annual meeting. The Secretary shall ensure that financial documents are posted on the Society website.

Article III. Section 2: Clarification of duty of Secretary.

Bylaws – Article III - 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.

Bylaws – Article III - Section 4. The Secretary shall make such purchases and employ such assistance as is necessary to conduct the business of the Society. All such expenditures will be reported to and are subject to review and ratification by the Board of Governors.

Article III. Section 4: The Executive Committee does this. The Secretary does not. This duty will be added to the Policies and Procedures manual for the Executive Committee.

Bylaws – Article III - 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.

Bylaws – Article III - Section 5. Unless other appointments are made by the President, the Secretary shall act as a delegate or representative of the Society at meetings of related societies covering matters of mutual interest.

Article III. Section 5: Clean up language.

Bylaws – Article III - 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.

Remove Section 6 from Article III

Article III. Section 6: Since 2000, the Treasurer has arranged for the audit. I have never done it, nor has any secretary before me. This duty is added to the Treasurer's duties and deleted from the Secretary's duties.

Bylaws: Article III - 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.

Bylaws: Article III - Section 6. Any copyright requests or copyright-related issues and the associated records-keeping shall be handled by the Secretary, in consultation with the Editor.

Article III. Section 7: renumber to section 6.

Bylaws – Article III - 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.

Bylaws – Article III - Section 7. 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 inventoried items.

Article III. Section 8: renumber to section 7; change to inventoried items (7c).

Bylaws - 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.

Bylaws - Article IV: Treasurer

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

Section 2. The Treasurer shall arrange for an independent annual professional audit of the financial records of the society, shall prepare the IRS form 990, and shall inform the Secretary of the auditor selection.

Section 3. 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 4. The Treasurer shall file form 990, Return of Organization Exempt from Income Tax, with the Internal Revenue Service annually.

Section 5. The Treasurer shall be reimbursed out of the monies of the Society for expenses incurred in attending meetings of the Society.

Article IV. Section 2: Add the auditor selection to the treasurer's duties. This change results in a renumbering of the other sections in Article IV.

Bylaws - Article V. Editor and Associate Editors

Section 1. Editor

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.

Bylaws - Article V. Editor and Associate Editors

Section 1. Editor

f. The Editor's annual dues to the Society, and transportation and lodging incurred during the Annual Meeting shall be reimbursed by the Society.

Article V. Section 1f: Cleanup of language. The Editor's dues and some costs (transportation and lodging) are reimbursed by the Society.

Bylaws – Article V - 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.

Bylaws – Article V - 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 select reviewers and solicit manuscript reviews, and shall make recommendations regarding acceptability for publication in COPEIA to the Editor.

Article V, Section 2a: deletion of “COO” statement because the Editor is COO.

Bylaws – Article V - Section 2. Associate Editors

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.

Bylaws – Article V - Section 2. Associate Editors

d. Associate Editors shall be elected online annually by Society members after the Annual Business Meeting and will serve on the Board of Governors throughout their terms; all Associate Editors shall be member of the Society.

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

f. Associate Editors shall have their annual dues to the Society and their registration for the Annual Meeting reimbursed by the Society.

Article V. Section 2d: Insertion of Section 2d describes election of the Associate Editors to BOG; renumbering of other parts of Section 2.

Article V. Section 2f: Describes reimbursement of dues and registration costs for Associate Editors.

Bylaws – Article V - Section 2. Associate Editors

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.

Bylaws – Article V - Section 2. Associate Editors

f. Associate Editors shall have their annual dues to the Society and their registration for the Annual Meeting reimbursed by the Society.

Article V. Section 2f: Describes reimbursement of dues and registration costs for Associate Editors.

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.

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.

Article VII. Section 1. Add a comma.

Bylaws - Article VII: Meetings

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.

Bylaws - Article VII: Meetings

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 VII. Section 2. Add a comma.

Bylaws - 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:

<u>BOFG</u>	<u>Board of Governors</u>
<u>EDBD</u>	<u>Editorial Board</u>
<u>ENFC</u>	<u>Endowment and Finance Committee</u>
<u>EXEC</u>	<u>Executive Committee</u>
<u>GFAC</u>	<u>Gaige Fund Award Committee</u>
<u>GSPC</u>	<u>Committee on Graduate Student Participation</u>
<u>HSEC</u>	<u>Henry S. Fitch Award Committee</u>
<u>LOCL</u>	<u>Local Committee for the Annual Meeting</u>
<u>LRPP</u>	<u>Long Range Planning and Policy Committee</u>
<u>MMPC</u>	<u>Meetings Management and Planning Committee</u>
<u>NOMC</u>	<u>Nominating Committee</u>
<u>PUBC</u>	<u>Publications Policy Committee</u>
<u>RFAC</u>	<u>Raney Fund Award Committee</u>
<u>RHGC</u>	<u>Robert H. Gibbs, Jr., Memorial Award Committee</u>
<u>RKIC</u>	<u>Robert K. Johnson Award Committee</u>
<u>STAC</u>	<u>Student Awards Committee</u>

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.

Bylaws - 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. These Committees and their functions are described in the ASIH Policies and Procedures Manual.

Article VIII. Delete Sections 2 through 8. Move committees to the Policies and Procedures Manual. We cannot change a committee name/function without a constitutional vote that takes a least a year. We cannot maneuver quickly under the current listing of committees in the Bylaws.

Bylaws - Article IX: Nominating Committee

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.

Bylaws - Article IX: Nominating Committee

Section 3. The online election of the Nominating Committee by the society membership shall occur within sixty (60) days of 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 IX. Section 3. Change for online voting.

Bylaws - 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.

Bylaws - 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.

Article X. Section 1. Delete a space.

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

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.

Bylaws - 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 shall 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 3. The Committee shall be in charge of fundraising for the endowment.

Section 6. The Committee shall be responsible for investment of the General 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 shall monitor the activities of outside professional money managers.

Article XI. All changes are cleanup changes (Sections 1, 3, & 6 of 7).

Bylaws - Article XII: Funds

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.
- 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.

Bylaws Article XII: Funds

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 shall 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 shall 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 from 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 an 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.
- 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 General 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.

Article XII: All changes are cleanup to language.

Bylaws Article XII: Funds

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

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.

Bylaws Article XII: Funds

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

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. The Henry S. Fitch Fund Award Committee shall consist of three herpetologists each serving a three-year term. Each year, the senior-most member serves as chair of the committee. After three years of service, the chair is replaced by an individual elected by the Board of Governors from a slate of nominees submitted by the Nominating Committee or nominated from the floor. Those nominated from the floor must provide a signed, written statement of their willingness to stand for election and serve if elected. The members of the committee shall be members of the Society.

Article XII, Section 2h: Changes required to the Henry S. Fitch Award and Committee selection language to reflect current practice for election to all the Board of Governors Award Committees (Fitch, Gibbs, Johnson, Nelson).

Bylaws - Article XIII. Robert K. Johnson Award

The basis for the annual Robert K. Johnson Award for Excellence in Service shall be determined by the Robert K. Johnson Award Committee. The Robert K. Johnson Award Committee shall consist of three members each serving three years. The award is given to an ichthyologist in even years and to a herpetologist in odd years. In even years, the committee is made up of two ichthyologists and one herpetologist. In odd years, the committee is made up of two herpetologist and one ichthyologist. Each year, the senior-most member serves as chair of the committee. The chair of the committee is replaced by an election of the Board of Governors from a slate of nominees submitted by the Nominating Committee, or nominated from the floor. Those nominated from the floor must provide a signed, written statement of their willingness to stand for election and serve if elected. The members of the committee shall be members of the Society.

Article XIII: New Article to Describe the Robert K. Johnson Award.

Bylaws - Article XIV. Joseph S. Nelson Award

The basis for the annual Joseph S. Nelson Lifetime Achievement Award in Ichthyology shall be determined by the Joseph S. Nelson Award Committee. The Joseph S. Nelson Award Committee shall consist of three ichthyologists each serving a three-year term. Each year, the senior-most member serves as chair of the committee. After three years of service, the chair is replaced by an individual elected by the Board of Governors from a slate of nominees submitted by the Nominating Committee or nominated from the floor. Those nominated from the floor must provide a signed, written statement of their willingness to stand for election and serve if elected. The members of the committee shall be members of the Society.

Article XIV: New Article to Describe the Joseph S. Nelson Award.

Bylaws - Article XIII: Honorary Foreign Members

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

Bylaws - Article XIV: Society Sets of COPEIA

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

Bylaws - Article XV: Honorary Foreign Members

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

Bylaws - Article XVI: Society Sets of COPEIA

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

Article XV and XVI (renumbering of old XIII and XIV)

Bylaws - 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.

Bylaws - Article XVII: 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 for a calendar year and shall normally be appointed by the President during or following the previous annual meeting.

Article XVII (old XV): cleanup of language

Bylaws - 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.

Bylaws - Article XVIII: Procedures

The procedures and policies used to govern the Society are detailed in the Policies and Procedures Manual posted on the ASIH website. Procedures and other items, not specified in that Manual, the Constitution or Bylaws of this Society, or by action at the annual meeting shall be in accordance with Robert's Rules of Order.

Article XVIII (old XVI): change to place emphasis on Policies and Procedures Manual.

ASIH Committees , Officers, Copeia Editors & Board of Governors- 2014

OFFICERS:

PRESIDENT: H. Bradley Shaffer
PRESIDENT-ELECT: Larry G. Allen
TREASURER: F. Douglas Martin
SECRETARY: Maureen A. Donnelly
EDITOR: Christopher K. Beachy

ASSOCIATE EDITORS:

GENERAL ICHTHYOLOGY: Donald G. Buth
GENERAL ICHTHYOLOGY: Roberto Reis
GENERAL HERPETOLOGY: Jacob Kerby
GENERAL HERPETOLOGY: Michael J. Lannoo
GENERAL HERPETOLOGY: Bryan Stuart
ECOLOGY & ETHOLOGY: Joel Snodgrass
ECOLOGY & ETHOLOGY: Jacqueline Litzgus
ECOLOGY & ETHOLOGY: Jacob Schaefer
GENETICS, DEVELOPMENT & MORPHOLOGY: Terry Grande
GENETICS, DEVELOPMENT & MORPHOLOGY: W. Leo Smith
GENETICS, DEVELOPMENT & MORPHOLOGY: Dustin Siegel
PHYSIOLOGY & PHYSIOLOGICAL ECOLOGY: Karen Martin
INDEX EDITOR (Subject): Cynthia Klepadlo
INDEX EDITOR (Taxonomic) James W. Orr
BOOK REVIEW EDITOR ICHTHYOLOGY: Prosanta Chakrabarty
BOOK REVIEW EDITOR HERPETOLOGY: Robert R. Espinoza

COMMITTEES

AUDIT COMMITTEE

Michael E. Douglas - med@inhs.uiuc.edu (Chair)
Members: Steven J. Beaupre, William J. Matthews

COMMITTEE ON SPECIAL PUBLICATIONS

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

COMMITTEE ON GRADUATE STUDENT PARTICIPATION

Shab Mohammadi - shab.mohammadi@usu.edu (Chair)
Abbigail Nicholson - aenicholson1s@semo.edu (Chair-elect)
Justin Rheubert - justin.rheubert00@gmail.com (Secretary)
Book Raffle Committee:
Malorie Hayes – malorie.hayes@auburn.edu (Chair)
William Ludt – mbludt@gmail.com

Workshop committee

Aaron Geheber – aaron.d.geheber-1@ou.edu

James Cureton – james.c.cureton.ii@gmail.com

Travel awards organizer – Drew Davis – drew.davis@usd.edu

Conservation Committee Representatives: Luke Bower (Luke.Bower@selu.edu), Laura Jackson (laura.jackson-2@selu.edu)

Long Range Planning & Policy Committee Representatives: Caleb McMahan (cmcmah2@tigers.lsu.edu), Malorie Hayes (malorie.hayes@auburn.edu)

Web Content Coordinator – Thaddeus Buser - tbuser@alaska.edu

CONSERVATION COMMITTEE

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

Members: Matt Aresco, Jonathan Baskin, Luke Bower (student member), 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, Peter Unmack, Steve Walsh, Laura Jackson (student member), Mel Warren, Jim Williams

EDUCATION AND HUMAN RESOURCES COMMITTEE

Michael Pauers - michael.pauers@uwc.edu (Chair)

Members: Mollie Cashner, Prosanta Chakrabarty, Carol Johnston, Elizabeth Marchio (student member), Rod Williams

ENDOWMENT and FINANCE COMMITTEE

Michael Retzer - michaelretzer@sbcglobal.net (Chair)

Members: Frank Pezold (2011-2014), Linda Ford (2013-2016), Kathleen Cole (2014-2016), F. Douglas Martin (Ex Officio), Jacqueline Litzgus (Ex Officio)

EXECUTIVE COMMITTEE

H. Bradley Shaffer - brad.shafer@ucla.edu (Chair & President)

Members: Larry G. Allen (President-Elect), William J. Matthews (Past President), Steven J. Beaupre (Prior Past President), Jacqueline Litzgus (Chair of LRPP) Christopher Beachy (Editor), Michael Retzer (Chair of ENFC), Maureen Donnelly (Secretary), F. Douglas Martin (Treasurer)

HENRY S. FITCH AWARD COMMITTEE

Darrel R. Frost – frost@amnh.org (Chair)

Members: Karen R. Lips (2013-2015), Richard Seigel (2014-2016)

GAIGE FUND AWARD COMMITTEE

Nicole Valenzuela - nvalenzu@iastate.edu (Chair)

Members: Christopher Tracy (2013-2015), Karen Lips (2014-2016)

ICHTHYOLOGICAL AND HERPETOLOGICAL COLLECTIONS COMMITTEE

Mark Sabaj Pérez - sabaj@acnatsci.org (Chair)

Symposium Subcommittee: Greg Watkins-Colwell (gregory.watkins-colwell@yale.edu), Mark Sabaj Pérez (sabaj@acnatsci.org)

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: Andy Bently, Barbara Brown, Ben Frable, J. Tom Giermakowski, Mary Anne Rogers, Jessica Rosales, Mark Sabaj Pérez, Gregory Schneider, Randy Singer, Ken Thompson, Lou Van Guelpen

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

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

JOINT ASIH-AFS COMMITTEE ON NAMES OF FISHES

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

Members: Carole Baldwin, Lloyd Findley, Carter Gilbert, Karsten Hartel, Juan Jacobo Schmitter-Soto, Robert Lea, Nicholas Mandrak, H.J. Walker

ROBERT K. JOHNSON AWARD COMMITTEE

Henry L. Bart - hbartjr@tulane.edu (Chair)

Members: Robert E. Espinoza (2013-2015), Kathleen Cole (2014-2016)

LONG RANGE PLANNING AND POLICY COMMITTEE

Jacqueline Litzgus - jlitzgus@laurentian.ca (Chair)

Members: Carol Johnston, Stephen T. Ross, Frederick Zaidan III (Chair-elect for 2015), Michael Retzer (Ex Officio)

MEETING MANAGEMENT AND PLANNING COMMITTEE

Henry Mushinsky - mushinsk@usf.edu (Chair)

Members: Kyle Piller, Marlis R. Douglas

JOSEPH S. NELSON AWARD COMMITTEE

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

Members: Cristina Cox Fernandes (2013-2015), Lynne Parenti (2014-2016)

NOMINATING COMMITTEE

Carol Spencer - atrox@berkeley.edu (Chair)

Members: Chad Montgomery, Mark Sabaj Pérez, Theodore Pietsch

PUBLICATION POLICY COMMITTEE

Christopher K. Beachy – copeia@selu.edu (Chair)

Members: all Associate Editors and Book Review Editors

RANEY FUND AWARD COMMITTEE

Michael Collyer - michael.collyer@wku.edu (Chair)

Members: Paula Raelynn Deaton (2013-2015), Kevin Conway (2014-2016)

RESOLUTIONS COMMITTEE

TBA – will be appointed by H. Bradley Shaffer for Chattanooga meeting

ROBERT H. GIBBS, JR. MEMORIAL AWARD COMMITTEE

Richard Vari - varir@si.edu (Chair)

Members: Brian Sidlauskas (2013-2015), G. David Johnson (2014-2016)

STUDENT AWARDS COMMITTEE

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

TBA (Co-Chair)

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

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 – Marlis R. Douglas – mrd1@uark.edu, Michael E. Douglas – med1@uark.edu

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

BIOONE - Carole Baldwin - BALDWINC@si.edu

HERPETOLOGISTS' LEAGUE - Alan Savitzky - asavitzk@odu.edu

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

SOCIETY FOR THE PRESERVATION OF NATURAL HISTORY COLLECTIONS - Luiz Rocha - lrocha@calacademy.org

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

ASIH BOARD OF GOVERNORS 2014

Past Presidents		Executive Committee	Elected Officers (not on EXEC)
Beaupre, S.J.	Matthews, W.J.	Allen, L.G.	Buth, D.G.
Burr, M.B.	Mayden, R.L.	Beachy, C.K.	Chakrabarty, P.
Cannatella, D.C.	McDiarmid, R.W.	Beaupre, S.J.	Espinoza, R.E.
Cashner, R.C.	Mushinsky, H.R.	Donnelly, M.A.	Grande, T.
Cohen, D.M.	Page, L.M.	Litzgus, J.D.	Kerby, J.
Collette, B.B.	Parenti, L.R.	Martin, F.D.	Klepadlo, C.
Douglas, M.E.	Pietsch, T.W.	Matthews, W.J.	Lannoo, M.J.
Frost, D.R.	Pough, F.H.	Retzer, M.	Litzgus, J.D.
Gilbert, C.R.	Rabb, G.G.	Shaffer, H.B.	Martin, K.L.
Greene, H.W.	Robins, C.R.		Orr, J.W.
Greenfield, D.W.	Rosenblatt, R.H.		Reis, R.E.
Gregory, P.T.	Savage, J.M.		Schaefer, J.
Hanken, J.	Savitzky, A.H.		Siegel, D.S.
Highton, R.	Scott, W.B.		Smith, W.L.
Hutchison, V.H.	Smith, G.R.		Snodgrass, J.M.
Inger, R.F.	Trueb, L.		Stuart, B.
Lundberg, J.G.	Wake, M.H.		

Class of 2014	Class of 2015	Class of 2016	Class of 2017	Class of 2018
Armbruster, J.W.	Crumly, C.R.	Allen, L.G.	Burbrink, F.T.	Baldwin, C.C.
Bauer, A.M.	Espinoza, R.E.	Austin, C.C.	Conway, K.W.	Craig, M.T.
Berra, T.	Friel, J.P.	Bevier, C.R.	Douglas, M.R.	de Queiroz, K.
Boone, M.D.	Marsh-Matthews, E.	Cashner, M.F.	Montgomery, C.E.	Diaz, R.E.
Chakrabarty, P.	Munroe, T.A.	Doody, J.S.	Neighbors, M.A.	Leaché, A.D.
Crother, B.I.	Paterson, A.	Ferraris, C.J.	Rocha, L.A.	López, J.A.
Hartel, K.E.	Pyron, M.	Fontenot, C.L.	Ross, S.T.	Piller, K.R.
Hillis, D.M.	Richter, S.C.	Schaefer, S.A.	Siegel, D.S.	Pyron, R.A.
Mabee, P.	Webb, J.	Snyder, A.M.	Watkins-	Turner, T.F.
Parris, M.	White, M.E.	Spencer, C.L.	Colwell, G.J.	Willson, J.D.
			Watling, J.I.	

SUMMARY OF THE MEETINGS

Copeia 2013, No. 4, 793–801

THE 93rd annual meeting of the American Society of Ichthyologists and Herpetologists (ASIH) was held at the Albuquerque Convention Center, Albuquerque, New Mexico from 10–15 July 2013 in conjunction with the 29th annual meeting of the American Elasmobranch Society (AES), the 71st annual meeting of the Herpetologists' League (HL), the 56th 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: 10 JULY 2013

President William Matthews called the 2013 meeting of the ASIH Board of Governors to order at 5:00 pm in the San Miguel Room of the Albuquerque Convention Center; 61 governors and 25 guests were in attendance.

Secretary Donnelly shared messages of regret from Governors Christopher Austin, Catherine Bevier, Michelle Boone, Frank Burbrink, David Cannatella, Cliff Fontenot, Darrel Frost, Patrick Gregory, Richard Highton, Robert Inger, Jake Kerby, Michael Lannoo, Roy McDiarmid, Tom Munroe, Jay Orr, F. Harvey Pough, Stephen Richter, Carol Spencer, Bryan Stuart, Emily Taylor, and Marvalee Wake.

Secretary Donnelly announced the passing of Robert Lawson (1 January 2013), Herbert Dessauer (former ASIH President–8 February 2013), Hobart Smith (4 March 2013), James Atz (former ASIH President–21 February 2013), Gordon Howes (6 March 2013), Paulo Vanzolini (Honorary Foreign Member–28 March 2013), and Warren F. Walker, Jr. (23 May 2013).

President Matthews then called on the Board to approve the minutes from the 2012 meeting as published in *Copeia* (2012:783–790). Governor Henry Mushinsky moved to approve the minutes as published, Governor Brian Crother seconded the motion, and the minutes were approved unanimously.

Matthews informed the Governors that the chair of the Resolutions committee is Keith Gido. Jake Schaefer, James Watling, Stan Fox, and Mary White were recruited to serve with Keith. President Matthews reminded the governors and visitors that if they have resolutions to please share them with the committee. The substantive resolutions will be read at the Annual Business Meeting on Sunday, and the humorous resolutions will be read during the banquet on Monday.

President Matthews announced that President-Elect H. Bradley Shaffer and Mollie Cashner are the co-chairs of the 2013 Student Awards Committee (STAC) and that they had recruited the Stoye and Storer judges. The names of the judges will be announced during the annual banquet along with the names of the winners.

President Matthews then called on Governor Mushinsky to describe future meeting sites, and then called on the local hosts for the 2014 meeting, Anna George and Bernard Kuhajda, to present a PowerPoint about the Chattanooga meeting. The next meeting will be the first four-day JMIH

meeting and will be held from 30 July to 3 August 2014. The meeting will be held in the Chattanooga Convention Center, and the hotel room prices vary from \$99 to \$129 per night. All hotels are within walking distance of the Convention Center. The social will be held at the Tennessee Aquarium. The meeting venue has a variety of activities for accompanying persons and families. The 2015 meeting will be held in Reno, Nevada from 15–19 July. The 2016 venue will be discussed by the Meetings Management and Planning Committee at their meeting this year.

President Matthews then called on Secretary Donnelly to read the minutes from the Executive Committee Meeting that was held earlier in the day.

The Executive Committee meeting was called to order by President Matthews at 8:58 am. All members of the EXEC were present for the meeting. First we discussed the financial status of the society. Treasurer Martin told us that although we continue to lose subscribers and members, we have sufficient cash on hand to cover the 2013 expenses and will not raise dues in 2014. Martin explained that some of the award funds are not doing as well as they could be doing and the EXEC endorsed using funds from the operating budget to cover award shortfalls. Donations to the society are also below previous values and we encourage those who can to support the society. The only concern Doug has regarding our financial standing is the volatility of the stock market.

An Investment Policy Strategy for the ASIH was drafted by the former chair of the ENFC, Eric Schultz in consultation with his committee. The policy was developed to guide our fund managers. Once the document is corrected, President Matthews will sign the document and it will be sent to the chair of the ENFC, the Treasurer, our auditor, and our financial advisors. Our investments are currently in a “moderate risk” category because we have used the strategy for the last several years. Donnelly moved to accept the Policy pending two minor edits; Martin seconded the motion that carried unanimously.

Allen Press currently assesses a late fee for payments received for renewal after 1 January of each year. Secretary Donnelly moved that we enforce the late fee if members have not paid by 15 February of each year; Editor Beachy seconded the motion. Discussion ensued concerning changing the date and when the question was called, the motion carried unanimously. Secretary Donnelly will convey this to Allen Press when she turns in the renewal materials for 2014.

The EXEC then turned to a discussion of our inventory. We currently have a policy to “recycle” all issues of *Copeia* in excess of 25 copies for volumes four years old to reduce our inventory payments to Allen Press. We will announce a fire sale for all publications currently in stock (members can buy as many copies of publications for the price of shipping and handling). The fire sale will run until 15 December 2013, and after that date, we will recycle excess issues of *Copeia* and all but 100 copies of our book-length special publications. Donnelly moved that we proceed with the fire sale

and purge; Beachy seconded the motion that passed unanimously.

The chairs of the Endowment and Finance Committee and Long Range Planning and Policy Committee brought forward a motion to hold our student dues at their current level and create a rate for postdoctoral fellows and those in “temporary” positions that is equivalent to the student rate. To receive the student rate, postdocs or those in temporary positions will have to obtain a signature from their supervisor. The EXEC agrees with the two committees that we want to retain student members as they transition to full-time positions and the seconded motion from the two committees carried unanimously.

President Matthews then covered four Presidential initiatives to increase our membership and improve the impact factor for *Copeia*. Discussion about how we might approach these issues were fruitful and will be discussed during the BOG meeting as the EXEC exempted the President’s report so it could be discussed in detail.

Changes to our Constitution and Bylaws will be voted on in 2014. Secretary Donnelly will collect the proposed changes to the constitution during an open forum between the end of the meeting and the end of 2013. The proposed changes will move through the EXEC and BOG. The changes will be sent out to the membership by blast by 31 March 2013 to comply with the requirement that constitutional changes are presented to the membership three months before the meeting.

We then discussed a copyright issue associated with a 1953 publication of the Checklist of North American Amphibians and Reptiles. The ASIH held copyright to the sixth version of the checklist and we will release the copyright so that Jack Fouquette and his co-authors can move forward with their book project.

President Matthews then turned to items of Old Business. The Executive Committee members thanked Steve Beaupre for helping to move the website to its new home. Steve described that members can upload images to the site, but they need to be verified as ASIH members by sending him an email so permission to upload can be granted to protect the site. We urge everyone to contribute images they are willing to share to the image bank. Steve thanked the Tulane team and Dennis Murphy for their efforts in moving the website to its new home. Steve announced that he will remain as the chair of the Web Content and Management Committee.

We then discussed the Meritorious Teaching Award in Ichthyology and President Matthews will speak with the AES President to determine if they wish to join the ASIH in giving the award beginning in 2014. We agree with the majority decision reached by the Education and Human Resource Committee that the Meritorious Teaching Award in Ichthyology will match the requirements of the existing Meritorious Teaching Award in Herpetology.

We reviewed other initiatives that were started in 2013 including the Best Paper Awards for publications in *Copeia*, the Joseph Nelson Award in Ichthyology, and the development and posting of a diversity statement.

The duties of the President-Elect will be rewritten for the Policies and Procedures Manual to include serving on the WCMC for their year in office in addition to serving as the co-chair of the Student Awards Committee.

Past-President Beaupre reformed our Animal Care and Use Committees (HACC and IACC). These committees can help provide assistance for members if they have IACUC-related issues at their home institutions.

The Executive Committee meeting was adjourned at 1:33 pm.

REPORTS TO THE BOARD

President Matthews then called for a motion to approve the reports in the 2013 Board of Governors book except those exempted by the Executive Committee and the Board of Governors. The Executive Committee exempted the reports from the President and the Web Content and Management Committee. Governor Al Savitzky exempted the Treasurer’s Report, Governor Larry Page exempted the Meetings Management and Planning Committee Report, Governor Karsten Hartel exempted the report from the Special Publications Committee, and Larry Allen exempted the Late List of Committees. Governor Deanna Stouder moved to approve the remaining reports to the Board of Governors, Governor Crother seconded the motion and the reports were accepted unanimously.

Governor Al Savitzky wanted to examine the data contained in Treasurer’s Table 2 on page 58 in the BOG book. He pointed out that online only is increasing as a membership option, and he pointed out that data in hand belie the argument that we will “lose our society if we lose print.” Governor Collette wondered if print would be suspended entirely. Savitzky replied that we may need to plan for a future without print going forward. Governor Margaret Neighbors suggested that “print on demand” might work, but Savitzky pointed out that copies generated in a print-on-demand function are usually not of archival copy quality. Tim Berra stated that he did not like the idea of losing print copies. Berra went to the website to find the “history” document and it is no longer there; apparently the document was not moved over in the transition from the Tulane website to the new website. Governor Chuck Crumly said the idea of electronic archives and print on demand technology is improving, and technologies continue to improve and change. The “open access movement” is also growing; NSF will only cover page charges for open access journals. President Matthews charged the Publications Committee with consideration of these issues that affect *Copeia*.

Discussion then turned to the President’s report. President Matthews reported that Governor Al Savitzky will continue to represent the ASIH to AIBS, and Carole Baldwin has been appointed to serve as the ASIH representative to BioOne. President Matthews then turned to his four Presidential initiatives, and he wants to work with energetic society members to move his initiatives forward. First, Matthews wants to form a committee to work on improvements to our journal. Bill wants to see a culture developed wherein our members actually contribute to the journal *Copeia*. On average, last date of publication in *Copeia* is 2005 for current members of the Board of Governors. Bill pointed out that his goal is for *Copeia* to improve its impact factors, and we must submit our own quality work to the journal. President Matthews has worked to establish productive working relationships with other JMIH society officers. Bill also wants to work on ways to improve our declining membership status. Bill will form an *ad hoc* committee to start working on 2016 meeting that celebrates our centennial birthday.

We then moved to the exemption of the Meeting Management Committee report. Governor Page informed the Governors that eight former ichthyological Presidents

gathered to discuss the future of *The Catalog of Fishes*, which has been handled by Bill Eschmeyer, now located at the University of Florida. Eschmeyer plans to return to the California Academy of Sciences, and Larry and the other ichthyological Presidents want to ensure that the valuable resource is maintained for the academic community. Additionally the eight former Presidents wished to make motions concerning our annual meetings. President Matthews asked Governor Page to provide a quick overview of those motions that would be considered under New Business. Governor Bruce Collette then asked about the cost of the April planning meeting. Secretary Donnelly reported that she would report back on these costs during the Annual Business Meeting on Sunday. Those data were not presented during the business meeting but are summarized here. The annual JMIH meeting is designed to “pay for itself,” and the MOU between the participating societies means that costs and benefits are pro-rated on the basis of meeting participation. Participants indicate their professional affiliations on the registration form and those numbers result in points that are used to calculate the costs and benefits associated with the meeting. The direct costs for all members of the Meetings Group (Henry Mushinsky, Kyle Piller, Marlis Douglis [ASIH], Meredith Mahoney [HL], Bob Aldrich [SSAR], Ed Heist [AES], Mo Donnelly [JMIH Program Officer], Marty Crump [JMIH Program Officer Elect], and Heide Burke [K-State]) were \$11,339.27 (rooms = \$3703.26, travel reimbursement [members] \$6135.38, travel reimbursement [Burke] \$607.40, AV = \$704.91, refreshments = \$188.32). The in-kind donations of time, estimated to be valued at \$400/person, on average, across the members of the committee was worth \$15,200 (Donnelly = 7 days @ \$400/d = \$2800, Crump = 7 days @ \$400/d = \$2800, Douglas, Piller, Mushinsky, Heist, Aldrich, Mahoney = 4 days @ \$400/d = 6 * 1600 = \$9600.00). The 2013 planning year was different because Donnelly showed Crump what was involved in completion of the scheduling process by completing the 2013 process in Albuquerque. Donnelly and Crump stayed an additional three days following the planning meeting to complete the 2013 schedule so we could pass it on to Heide Burke. The costs of the meeting planning meeting include only the direct costs; Heide Burke’s time during the planning meeting is charged to the meeting. The JMIH Meeting Management Committee members donate their time, including travel time and three full working days to develop the schedule. The ASIH bills the JMIH meeting \$5000/year to recover costs associated with the Secretary serving as the Program Officer for the JMIH.

Karsten Hartel exempted the Special Publications report to discuss the idea of purging inventory. He wanted to know how many copies of books were in the inventory including those freely available online (the three volume set of Living Resources via UNESCO) and the gar volume (will come out next year on JSTOR). Secretary Donnelly responded that we have over 700 copies of the three volumes of Living Marine Resources, over 1000 copies of the gar book, 204 copies of the *Fishes of Bermuda*, and over 1000 copies of Collection Building. We will blast the news of the fire sale over every conceivable outlet to ensure that the books have a chance to move before they are purged from the inventory.

We moved to the Web Content and Management Committee report that was exempted by the Executive Committee. Steve Beaupre thanked John Lundberg and the

early committee for all of their work. The image bank opened and we were short of ichthyological images. The images on the bank are to be used only for educational purposes. Members will be given access to upload their images after Governor Beaupre provides them with access to upload their photos.

President Matthews then called for approval of exempted reports. Governor Michael Douglas moved to accept the exempted reports; Governor Victor Hutchison seconded the motion which carried unanimously.

Governor Larry Allen notified Secretary Donnelly that the Joseph S. Nelson Award Committee was omitted from the revised list of committees.

OLD AND NEW BUSINESS

President Matthews called for items of old business, hearing none he made two announcements before moving to items of new business.

President Matthews introduced Malorie Hayes, the Chair of the Graduate Student Participation Committee, and announced that the Student Business Meeting and Workshop will occur later in the week, and he encouraged all governors to urge their students to attend these events.

Under items of New Business, President Matthews introduced Edie Marsh-Matthews, Chair of the newly reconstituted Ichthyological Animal Care and Use Committee. Edie reported that the American Fisheries Society is producing a new set of guidelines for the use of fishes in research. The ASIH is affiliated with the guidelines, and we need to share the document with our society to obtain comments on the newly created document. The ASIH was called to the process after the revisions were initiated. Hank Bart is on the committee of AFS and the new document is extremely detailed compared to previous versions. Governor Frank Pezold asked if there were substantive changes to the document, and Hank replied that there were many changes. Once we can obtain a version of the document, we will figure out a way to circulate that to interested ichthyologists. Mollie Cashner asked how the document was being viewed by AFS members. The draft document has not been sent out to AFS members. Governor Armbruster noted that PDF files can be password protected to ensure the security of the draft document. Karsten asked how many AFS members were on the committee.

Governor Richard Mayden was then called forward to talk about regulations concerning international field work. Rick informed the Governors that export control is increasingly important for universities and homeland security. University equipment needs to be listed on the Custom Border Patrol Form that must be filed with the TSA in your home airport. If you have federal funding of any type you need to work with export control. The relevant form is: Cbp_form_4457.pdf.

President Matthews then asked Governor Larry Page to present his two motions. Governor Page, on behalf of the eight ichthyological former presidents, moved that the ASIH sponsor at least one symposium on bony fishes every year if one acceptable proposal is submitted. Governor Collette seconded the motion. Bill Matthews suggested that the ASIH have two symposia every year. Discussion ensued about forcing symposia along taxonomic lines and the motion passed (30 for and 24 against).

The second motion made by Governor Page is that ASIH host a social event on the final evening of the four-day

meeting. Kathleen Cole seconded the motion. Governor Brian Sidlauskas reported that younger members of the society were having a discussion over social media about what they wanted from the meetings. One thread pointed to the desire for students to have increased social interactions with each other and other scientists. Governor Marlis Douglas pointed out that there is a structured event, the ASIH Speed Networking event, to allow students an opportunity to meet senior members of the society. Governor John Lundberg suggested that the costs of the social event must be kept low to ensure participation by the students. The question was called and the motion carried unanimously.

BOARD OF GOVERNORS ELECTIONS

President Matthews then called for a motion to approve the ballot for the General Election that will be held during the Annual Business Meeting. Governor Robert Espinoza moved to approve the ballot; Governor Crother seconded the motion that passed unanimously. President Matthews then called for a motion to approve the ballot for the Board of Governors elections. Governor Hutchison moved to approve; Governor Mollie Cashner seconded the motion that carried unanimously.

Richard Seigel was elected to serve a three-year term on the Henry S. Fitch Award Committee. **G. David Johnson** was elected to serve a three-year term on the Robert H. Gibbs, Jr. Memorial Award Committee. **Kathleen Cole** was elected to serve a three-year term on the Robert K. Johnson Award Committee, and **Lynne Parenti** was elected to serve a three-year term on the Joseph S. Nelson Award Committee.

President Matthews then called on the Board of Governors to approve by acclamation the nomination for the new Honorary Foreign Member in Herpetology. Secretary Donnelly, on behalf of Darrel Frost and Aaron Bauer, provided an introduction to **Célio Fernando Baptista Haddad**. The nomination as an Honorary Foreign Member in Herpetology was approved by acclamation.

Governor Sidlauskas reported that the young members of the society have interesting ideas about how to improve the meeting and President Matthews immediately recruited him to work on the membership committee.

Governor Steve Ross announced that there will be a Fish out of Water Symposium Saturday.

The 2013 meeting of the Board of Governors was adjourned at 6:57 pm.

ANNUAL BUSINESS MEETING: 14 JULY 2013

President Matthews called the Annual Business Meeting (ABM) to order at 6:05 pm in the Mesilla Room of the Albuquerque Convention Center. He called for a motion to approve the minutes as published in *Copeia* 2012(4):783–790. Hank Bart moved to approve the minutes; Karsten Hartel seconded the motion that carried unanimously. President Matthews called on Secretary Donnelly to read the minutes of the Board of Governors meeting held on 10 July 2013. President Matthews called for a motion to approve the minutes as read. Hank Bart pointed out that he is not currently a governor (minutes corrected herein). Bruce Collette moved to accept the minutes as read; Jacqueline Litzgus seconded the motion that carried unanimously.

AWARDS

Four ASIH awards were presented during the Plenary Session on Day One of the Meeting. The Henry S. Fitch Award was presented to **Roy W. McDiarmid**, who was not able to attend the meeting. **Gerald Smith** was the winner of the first Joseph S. Nelson Award. Jerry shared part of his history with us that involved Joe, and receipt of the inaugural award was special for Jerry. It was also special for the ASIH because Claudine Nelson was present for the presentation of the inaugural award. The Robert K. Johnson Award was presented to **Patrick T. Gregory** who sent his regrets over the conflict of his treatments with our meeting. We send our wishes for a speedy recovery. The Robert H. Gibbs, Jr. Award for 2013 was presented to **Lynne R. Parenti**.

FUTURE MEETINGS

President Matthews called on Anna George and Bernard Kuhajda to present a PowerPoint about the Chattanooga meeting. The next meeting will be the first four-day JMHI meeting and will be held from 30 July to 3 August 2014. The meeting will be held in the Chattanooga Convention Center, and the hotel room prices vary from \$99 to \$129 per night and all hotels are within walking distance of the Convention Center. The social will be hosted at the Tennessee Aquarium. The meeting venue has a variety of activities for accompanying persons and families. The 2015 meeting will be held in Reno, Nevada (15–19 July). The 2016 meeting that will celebrate the 100th Anniversary for the ASIH is under consideration. Bids will be solicited from several cities including New Orleans (Louisiana), Tampa (Florida), and Long Beach (California).

PRESENTATION OF GAIGE AND RANEY AWARDS

Ralph Saporito came forward to present the names of the Gaige Award winners for 2013. The 2013 awardees are: **Anna Davis**, University of Mississippi. The effects of stress hormones on mate choice in green treefrogs (*Hyla cinerea*); **Drew Davis**, University of South Dakota. Examining the association of ranavirus infection and agricultural influence in Eastern tiger salamander populations; **Hilary Edgington**, University of Virginia. Surface use as a potential constraint on adaptation in a cave-dwelling salamander; **Shane Hanlon**, University of Memphis. The effects of a fungicide on aquatic communities and host–pathogen interactions in amphibians; **Matthew Holding**, Ohio State University. A tale of two traits: Do coevolutionary processes shape the venoms of northern Pacific rattlesnakes and resistance levels of California ground squirrels?; **Jessie Tanner**, University of Minnesota. Selection on multicomponent sexual signals in *Hyla chrysoscelis*: A multivariate approach; **Rebecca Tarvin**, University of Texas. Uncovering the mechanism of autoresistance in poison frogs; **Jennifer Tennessen**, Pennsylvania State University. Impacts of traffic noise exposure history on the stress response to noise in wood frogs (*Lithobates sylvaticus*); **Michelle Thompson**, Florida International University. Drivers of amphibian and reptile community assembly in tropical secondary forest: The interaction between species traits and environmental characteristics; **Kyle Weichert**, California Polytechnic State University. Effects of lizard physiological state on their ability to kill the Lyme disease causing spirochete *Borrelia burgdorferi*. Drew Davis came forward to accept his certificate. Congratulations to all the 2013 Gaige awardees.

President Matthews then called on Prosanta Chakrabarty, chair of the 2013 Raney Committee, to read the names of the 2013 winners: **Michael Burns**, Oregon State University. Macroevolution of characiform fishes: a comparative phylogenetic investigation of shape and rate variation in morphospace (\$1000); **Pablo Declos**, Texas A&M University. Nutritional effects on mate choice in a natural *Xiphophorus* hybrid zone (\$1000); **Kyle Newton**, Florida Atlantic University. Elasmobranch magnetoreception: Can the yellow stingray (*Urobatis jamaicensis*) detect Earth-strength magnetic fields? (\$1000); **Alissa Rickborn**, Boston University. An investigation of a major class of coral reef symbioses: The relationship between reef fishes and their invertebrate hosts (\$985); **Tom Stewart**, University of Chicago. Uncovering the origin of adipose fins: Homoplasy and novelty in vertebrate appendages (\$1000). Michael Burns came forward to accept his certificate. Congratulations to all the 2013 Raney winners.

SUBSTANTIVE RESOLUTIONS

President Matthews called Keith Gido, Chair of the Resolutions Committee, forward to read the resolutions. The first resolution was read and acted upon. Bruce Collette moved to accept the resolution for Bill Eschmeyer and the *Catalog of Fishes*; Terry Donaldson seconded the motion that carried unanimously. The other two resolutions were accepted by acclamation.

RESOLUTION FOR BILL ESCHMEYER AND THE CATALOG OF FISHES.—WHEREAS Bill Eschmeyer has labored for more than 30 years producing and keeping up-to-date his *Catalog of Fishes*, and

WHEREAS the *Catalog of Fishes* has become an invaluable reference for all ichthyologists,

THEREFORE BE IT RESOLVED that the ASIH congratulates Bill on his herculean efforts over the past three decades and wishes him well in continuing to update this vital reference, and

BE IT FURTHER RESOLVED that the ASIH urges the California Academy of Sciences to continue to support the *Catalog of Fishes*.

RESOLUTION FOR GORDON JON HOWES.—WHEREAS Gordon Jon Howes joined the staff of the British Museum of Natural History in 1968 as a scientific assistant in the museum's fish section, and

WHEREAS his contributions to our understanding of the comparative anatomy and phylogeny of numerous groups of fishes was foundational, and his service to countless researchers who passed through the BMNH's fish section was tireless, and

WHEREAS he was also tireless in his mentorship, support, and encouragement to generations of students from around the globe,

THEREFORE BE IT RESOLVED that the American Society of Ichthyologists and Herpetologists joins with the friends and family of Gordon Jon Howes in sadly lamenting his passing on 6 March 2013.

RESOLUTION FOR MARGARET A. NEIGHBORS.—WHEREAS serving as the ASIH Treasurer demands dedication, attention to detail, and a strong sense of fiscal responsibility, and

WHEREAS trying to maintain the financial health of our society during the wild rides of the stock markets over the last 12 years might have caused many to flee the demanding position, and

WHEREAS the steely determination to guard the fiscal interests of our beloved society overrode an inclination to get the heck out of dodge, and

WHEREAS our excellent fiscal health is certainly a result of a steady hand on the purse,

THEREFORE BE IT RESOLVED that the ASIH extends its deepest gratitude to Margaret A. Neighbors for her 12 years as our Treasurer, and

BE IT FURTHER RESOLVED that we are delighted she continues to be involved with service to the ASIH on our Board of Governors and Web Content and Management Committee. Gracias, Margarita!

ELECTION OF OFFICERS

President Matthews called on the Election Facilitators (Alex Cameron, Kelly Gronemeyer, Maggie Hantak, Sean Herrington, Matthew Holden, and Dan Paluh) to distribute the ballots for the general election. Hearing no requests to modify the existing ballot, the members voted. Christopher Beachy, Editor, was added to the list of incumbent officers. The facilitators counted the ballots following the election. Thanks to all for the donation of your time to the ASIH.

Results of the elections were announced at the banquet and are listed here (an asterisk [*] denotes re-election of an incumbent officer): President-Elect: Larry G. Allen; Secretary: Maureen A. Donnelly*; Treasurer: F. Douglas Martin*; Editor: Christopher K. Beachy*; 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: Jacob Schaefer*; General Herpetology Associate Editor: Michael J. Lannoo*; General Herpetology Associate Editor: Bryan L. Stuart*; General Herpetology Associate Editor: Jacob Kerby*; General Ichthyology Associate Editor: Donald G. Buth*; General Ichthyology Associate Editor: Roberto E. Reis*; Genetics, Development, and Morphology Associate Editor: Terry Grande*; Genetics, Development, and Morphology Associate Editor: Dustin Siegel; Genetics, Development, and Morphology Associate Editor: Wm. Leo Smith*; Physiology and Physiological Ecology Associate Editor: Karen L. Martin*; Book Review Editor—Herpetology: Robert E. Espinoza*; Book Review Editor—Ichthyology: Prosanta Chakrabarty*; Chair of the Nominating Committee: Carol Spencer; Nominating Committee Members: Chad Montgomery, Mark Sabaj Pérez, and Theodore Pietsch. The herpetological members of the Board of Governors Class of 2018 are: Kevin de Queiroz, Raul Diaz, Adam Leaché, Alex Pyron, and J. D. Willson. The ichthyological members of the Board of Governors Class of 2018 are: Carole Baldwin, Matthew Craig, J. Andrés López, Kyle Piller, and Tom Turner.

OLD AND NEW BUSINESS

Under Old Business, President Matthews described the ongoing revisions to the AFS-ASIH guidelines for the use of fishes in research. Before the end of the meeting, President Matthews appointed an *ad hoc* committee to deal with the revisions to the joint AFS-ASIH document. Hank Bart was appointed to chair the *ad hoc* committee that includes:

James Albert, Barry Chernoff, Bruce Collette, David Greenfield, Dean Hendrickson, Edie Marsh-Matthews, Karen Martin, Jake Schaefer, and Jacqueline Webb. President Matthews described the three new *ad hoc* committees he was forming: one to work on the enhancement of *Copeia*; one to work on membership enhancement; and a third to work on the centennial meeting in 2016. Matthews also announced that the AES will join with us to give the Meritorious Teaching Award in Ichthyology.

President Matthews reported that for the four-day meetings, all societies can put forward two symposia to ensure that at least one ASIH symposium focuses on teleost fishes. Discussion ensued concerning the decision; two societies (the HL and the AES) stated they would only sponsor one symposium annually. The SSAR wanted a chance to sponsor two symposia. Informal groupings of papers along interest lines are always possible by using a leading key word or leading set of key words in the abstract titles. Papers linked by these identifiers are always scheduled together. Currently symposium proposals are received by the Chair of the Meetings Management and Planning Committee (Henry Mushinsky). The members of the ASIH Meetings Management and Planning Committee (currently Henry Mushinsky, Marlis Douglas, and Kyle Piller) read the proposals and rank them. The ASIH uses Endowment Fund monies to support symposia (up to \$1500/proposal in any year). The proposals over the last several years that have been funded are topical and frequently cross disciplinary lines. For the 2014 meeting, one symposium proposal was received. In 2013, the ASIH funded a two-day Fishes and Morphology symposium (Gloria Arratia and G. David Johnson, Co-Organizers) and a one-day Fish Out of Water symposium (Stephen T. Ross, Tom Turner, and Keith Gido, Co-Organizers).

Kathleen Cole introduced two motions from the floor. The first motion reads: The President of the ASIH shall clarify what the current formal regulations are regarding the selection of proposed JMIH symposia and provide those regulations in writing for general distribution via the website to the joint membership prior to the next deadline for symposium submissions. President Matthews seconded the motion that passed by a voice vote.

Cole provided the rationale for her second motion: The President of the ASIH will initiate a membership-wide discussion and survey regarding membership views on current symposium regulations, the results of which are to be reported back to the society at the 2014 BOG and Annual Business Meetings. John Lundberg seconded the motion. Discussion ensued about the type of survey one might conduct, the restrictions imposed by a four-day meeting, the fact that we only got a single submission in 2013 for 2014, and the purpose of such a survey in light of the survey that resulted in the decrease in the length the meeting by one day. After a spirited discussion, the question was called, and the motion failed (44 for and 62 against).

Hearing no further items of old business, President Matthews then called upon Editor Christopher Beachy to come forward to announce the Best Paper Awards for 2012. Six papers were selected as the best of 2012 by a panel of two Editorial Board members (Brian Sidlauskas and David Sever) and our two Book Review Editors (Robert Espinoza and Prosanta Chakrabarty). The winners were announced in *Copeia* 2013(2). The Best Paper in Ichthyology went to: **Nalani K. Schnell** and **G. David Johnson**: "Ontogenetic

fusion of the third and fourth pharyngobranchial in Barbeled Dragonfishes (Stomiidae, Teleostei) with a revision of the identify of the single posterior upper pharyngeal toothplate" *Copeia* 2012:397–407. The Best Paper in Ichthyology, second prize: **Jeffrey M. Leis** and **Michelle N. Yerman**: "Behavior of larval butterflyfishes (Teleostei: Chaetodontidae) at settlement on coral reefs" *Copeia* 2012:211–221. The Best Paper written by a Young Scholar in Ichthyology was awarded to **Nalani K. Schnell** for her co-authored paper with **G. David Johnson** (see above). The Best Student Paper in Ichthyology was for the paper entitled "Sound production and reproductive behavior of Yellowfin Grouper, *Mycteroperca venenosa* (Serranidae) at a spawning aggregation" *Copeia* 2012:135–144 by **Michelle T. Schärer**, **Michael I. Nemeth**, **David Mann**, **James Locascio**, **Richard Appeldoorn**, and **Timothy J. Rowell**. The Best Paper in Herpetology was written by **Jennifer A. Dever**, **Allison M. Fuiten**, **Özlen Konu**, and **Jeffery A. Wilkinson**: "Cryptic torrent frogs of Myanmar: An examination of the *Amolops marmoratus* species complex with the resurrection of *Amolops afghanus* and the identification of a new species" *Copeia* 2012:57–76. The authors of the Best Paper in Herpetology by a Young Scholar were **Ammon Corl**, **Lesley T. Lancaster**, and **Barry Sinervo**. Their paper was titled "Rapid formation of reproductive isolation between two populations of side-blotched lizards, *Uta stansburiana*" *Copeia* 2012:593–602. The Best Student Paper in Herpetology was "Redescription of *Physalaemus barrioi* (Anura: Leiuperidae)" by **Diogo B. Provete**, **Michel V. Garey**, **Luís Felipe Toledo**, **Juliana Nascimento**, **Luciana B. Lourenço**, **Denise de C. Rossa-Feres**, and **Célio F. B. Haddad**, *Copeia* 2012:507–518. Thanks to the judges for their hard work on this task and congratulations to the 2012 winners for their contributions to *Copeia*.

President Matthews then recognized Steve Platania. Steve made a motion to name John Nichols an honorary member of the society. The motion was greeted by applause and several seconds from the floor. The motion was passed by acclamation. Secretary Donnelly has sent Mr. Nichols a letter informing him of our action.

Hearing no other items of business, the meeting was adjourned at 7:37 pm.

ANNUAL BANQUET

The last annual banquet was held on 15 July 2013 in Ballroom C of the Albuquerque Convention Center. The social hour was held in the Foyer of Ballroom C and was special because Edward Drinker Cope, or a striking likeness of Professor Cope, attended the event as Secretary Donnelly's date. He wanted to meet the important members of the society and trashed Marsh at every chance. He complained bitterly about having to wait in line for a beverage and wondered frequently why the sea of thirsty humanity did not part for him. He adorns the cover of Donnelly's JMIH13 Facebook photo album and was a date for the record books!

The emcee for the evening, Prosanta Chakrabarty, welcomed everyone at 6:55 pm, invited them to enjoy their meals, and informed the crowd that the formal program would begin at 8:00 pm.

At 8:00 pm, Prosanta called the banquet to order. Prosanta asked how many people were sad that this was the last banquet. He said he was too, and also told us that the thought he got a job because he attended the banquet. He

knew he was the emcee because he went to the banquets. Albuquerque was his 13th and he has been coming since the La Paz meeting when he was an undergraduate. He told the audience that it was a real honor to be the emcee, but wondered if he was being set up to be the fall-guy associated with the last banquet. He thought it might be OK, because two years from now when a new graduate student asks why there isn't a banquet, you can shake your head, say "Chakrabarty," and then just walk away.

He thought he might be the youngest banquet emcee since Melanie Stiassny who is ageless. He compared her to someone who is not ageless: Bruce Collette. Everyone knows Bruce has attended more banquets than anyone, and Prosanta asked Bruce how many banquets he had attended. Bruce replied that he could not count that high. Lynne Parenti stands close to Bruce's record and noted this was her 37th consecutive ASIH Banquet. Prosanta acknowledged this year's Gibbs winner as a great mentor. Her encouragement and criticisms were meaningful for Prosanta when he was a student. He shared with us the happy news that Lynne and Tina are going to be married in August 2013, and we shared a round of applause and wishes of congratulations to Lynne and Tina! Prosanta encouraged everyone to step up and be good mentors for students. Our future depends on them!

Prosanta noticed that the banquet was an event for the 1% of the society and only those with access to support or jobs can attend. He urged us to find a way to give the last social back to the student members. He envisions a Herp/Fish Bowl with drinking and low-cost dining. Prosanta announced that while this might be the last ASIH banquet, there will be a final social event going forward and encouraged all to attend. He then went on to report meeting statistics. In 2013, 933 attendees were in New Mexico and 33 of those registered on site. Our students accounted for 47.5% of the total registrants (426 of 897)! If you would like to suggest an exhibitor for our meeting, please contact Henry Mushinsky (mushinsk@usf.edu), Maureen A. Donnelly (Maureen.a.donnelly@gmail.com), or Ed Heist (edheist@siu.edu) so we can pass their names to Heide Burke, our conference planner. Twenty-six exhibitors (with 15 booths), 21 accompanying persons, 471 professionals and 426 students attended the 2013 JMIH.

Prosanta was thrilled to introduce our special guest, Bruce Collette's college roommate and our journal's namesake, Edward Drinker Cope. The following is the text of their exchange that took place from the podium on the head table. The initials PC indicate our emcee and EC indicate our esteemed guest Edward Drinker Cope.

PC: Dr. Cope, what an absolute honor it is to have you up here with us. You look remarkably well preserved for someone who has been dead for more than 120 years and sick for 150.

EC: Yes, yes, it must be an honor for you all—not everyday that you get to meet the Neotype of your own species. By the way, has someone seen my skull? The knucklehead that made me the Neotype borrowed it from the Academy in Philadelphia and never brought it back. I thought Lundberg and Sabaj would have found it by now. Has anyone checked Lundberg's office?

PC: Well I'd like to ask you what you think about the journal *Copeia*.

EC: Well, I am pleased by the honor, but I wish our impact factor was a whole number. I mean my personal H-index is higher than all of *Copeia*! Couldn't you have named a better journal after me like *Science* or *Nature* or maybe *Herpetologica*?

PC: How about the ASIH society? Are we living up to your name?

EC: Well I would be remiss not to add that I have still published more papers than everyone in this room combined.

Tom Near: Mostly crap descriptions!

EC: Whatever, Yale boy, go cuddle with your grand pappy Marsh.

PC: Fellas, fellas, take it easy. Let's get back to the questions here. Dr. Cope, what do you think of the next generation of ichthyologists and herpetologists here today, the students. Can you speak directly to them?

EC: Well I think they are a bunch of sissies—that's what I think if you really want to know. All I hear is "I'll never get a job, there are no curator positions, nah, nah, nah." You think I had a job? I turned down jobs so I could do field work. I had to buy the house next to me to even have a place to store my specimens. Besides, even Chakrabarty got a f'in job—obviously they'll hire anyone these days.

PC: Thanks, I guess. They are supposedly making a movie called *Bone Wars* about your career and rivalry with Marsh. Marsh was set to be played by James Gandolfini until his recent passing. What do you think of being played by Steve Carell?

EC: Just dandy I suppose. Marsh was going to be played by Tony Soprano and I get the fourth male lead in *Anchorman 2*. Maybe since Gandolfini is dead, they can replace him with an actor that better resembles him. Maybe Snooki from *Jersey Shore* or the fat kid from *Jerry Maguire*. I just hope they don't say anything about all my STDs, like they did in the book.

PC: Well I have to ask—would you like to clear up the rumor that you regularly dipped your bits in formaldehyde to ease the symptoms of syphilis?

EC: (slams fist on podium) That is an utter falsehood—I only dipped half into formaldehyde—the back half!

PC: Okay then Dr. Cope, thanks you again for being such an inspiration to our society.

EC: By the way, I have not seen a penny of the dues as royalties for that matter. You know the Academy didn't want to pay me either and I've been cursing them since. If you ever want your impact factor to be above one, I suggest you pay up! I accept payment in drinks, remember my middle name is Drinker. While I have enjoyed all of this I must confess to being a bit upset with the current management of *Copeia*. I submitted a one-half page species description to *Copeia*, and I got 18 pages of reviewer comments back including accusations of character assassination, specimen theft, collecting without an approved IACUC protocol, and destruction of field sites using dynamite. Lies, all of it! I have to write a rebuttal. I also have to check my H-index. Anyway, Adios, Albuquerque and don't forget those drinks for Edward DRINKER Cope.

PC: Thank you Brian Sidlauskas—part Daniel Day Lewis and part Jerry Lewis—for bringing Dr. Cope to our final banquet.

Prosanta then thanked the local hosts: Thomas Turner (chair of the Local Committee), Alexandra "Lex" Snyder, Stephen T. Ross, Tom Giermakowski, Steven Platania, and Mason Ryan. He also thanked the army of volunteers: Meghan Balk, Olivia Chavez, Tracy Diver, Elizabeth Gallagher, Levi Gray, Victoria Hansen, Angela Hung, Ian Latella, Lorraine McInnes, Tyler Pilger, Jolene Rearick, Brad Truett, and Rhiannon West. He also extended warm thanks to the

K-State team led by Heide Burke: Rebecca Frakes and Cara Koeperich. Our ConferenceDirect partner was Melissa Ronacher. Thanks were extended to all and the staff of the Convention Center for making the 2013 meeting a great success.

Prosanta then introduced those seated at the head table: Tom and Katherine Turner (Chair of the Local Committee), Bill Matthews and Edie Marsh-Matthews (ASIH), Maureen Donnelly (ASIH), Edward Drinker Cope (as channeled by Brian Sidlauskas), Aaron Bauer (SSAR), Meredith Mahoney and Stan Trauth (HL). He called on all former presidents of the four JMIH societies (the American Elasmobranch Society, the American Society of Ichthyologists and Herpetologists, the Herpetologists' League, and the Society for the Study of Amphibians and Reptiles) to stand and be recognized by a round of applause.

Prosanta called on the ASIH Treasurer Doug Martin to come forward. Doug reported that the graduate students earned \$3041.05 at the book raffle. The ASIH will provide a match for that amount to the Clark Hubbs Travel Award fund.

Prosanta then called on Mo Donnelly to come forward to present Certificates of Appreciation to former Treasurer Margaret A. Neighbors and Past-President Steven J. Beaupre.

Prosanta then called on Mollie Cashner to present the ASIH Stoye and Storer Awards.

PRESENTATION OF STOYE AND STORER AWARDS

Mollie Cashner worked with H. Bradley Shaffer to co-chair the Student Award Committee (STAC). Mollie named the chair and the members of each judging committee before reading the name of the winner in each category. In 2013 the ASIH awarded Stoye Awards in Ecology and Ethology, General Herpetology, General Ichthyology, and Genetics, Development, and Morphology. Storer Awards were presented for the best herpetology and best ichthyology poster.

The Chair for the Stoye Award in Ecology and Ethology was Mollie Cashner and Eric Hilton, Shawn Kuchta, Allison Pease, and James Watling served as judges. The winner is **Russell Ligon**, Arizona State University: Chameleon color change: Evidence for communication via rapid chromatic transformation. Todd Jackman served as the chair of the General Herpetology competition along with judges Adam Leaché and Chad Montgomery. The winner is **Anthony Barley**, University of Kansas: Species delimitation at the extremes: diversification without morphological change in Philippine sun skinks (Squamata: Scincidae: *Eutropis*). Norma Salcedo was the Chair for the General Ichthyology competition, and Windsor Aguirre, Rich Broughton, Chris Hoagstrom, and Morgan Raley were judges for the competition. The Stoye winner in General Ichthyology is **Milton Tan**, Auburn University: What is miniaturization?: Lack of miniaturization in the evolution of body size in a group including some of the smallest fishes in the world (Danioninae: Cyprinidae). Evan Carson (Chair), Brian Sidlauskas, and Mary White served as judges for the Stoye Award in Genetics, Development, and Morphology. The 2013 winner is **Ian Macdonald**, Northern Arizona University: Burial kinematics of the Pacific sandfish: Is the two-phase respiratory pump used for rapid burial?

The Chair of the Storer Award in Herpetology was Whitney Anthonsamy. Joseph Agugliaro, Frances Irish, and James Van Dyke were the poster judges. The winner is **Thomas Anderson**, University of Missouri: Nonlinear

density-dependent competition in a predator alters prey size and survival within a larval salamander guild. Deanna Stouder served as the Chair for the Storer competition in Ichthyology. Larry Allen, Casey Dilman, Hernán López-Fernández, and Mark Peterson were poster judges. The 2013 winner is **Jairo Arroyave**, American Museum of Natural History and City University of New York: A reappraisal of the phylogenetic relationships of the Distichodontidae (Stariophysi: Characiformes) and the timing of citharinoid diversification: Implications for characiform biogeography. Milton and Jairo came forward to accept their awards. Congratulations to all 2013 Stoye and Storer winners.

Prosanta then called on Mo Donnelly to read the results of the ASIH General Election that were reported elsewhere in the document. He then called on Keith Gido to read the Resolutions.

RESOLUTION FOR THE 2013 LOCAL COMMITTEE.—WHEREAS the membership enjoyed the pleasant southwestern climate, extraordinary culture, and world famous New Mexican cuisine, not to mention the JMIH inaugural signature margarita at the opening reception, and

WHEREAS the literary styling of John Treadwell Nichols II reminded us of why we became biologists in the first place, and

WHEREAS the membership appreciates that mini moon pies were provided as a preview of next year's cuisine, though they were somewhat disappointed that neither moonshine nor RC cola were given to help wash those delicious treats down,

THEREFORE BE IT RESOLVED that Tom Turner, Lex Snyder, Steve Ross, Tom Giermakowski, Steve Platania, Mason Ryan, Norman Mercado-Silva, and the rest of the local committee are to be commended for hosting an epic meeting.

RESOLUTION FOR THE 100TH BIRTHDAY OF *COPEIA*.—WHEREAS *Copeia* started 100 years ago, and was named in honor of Edward Drinker Cope who was both a herpetologist and ichthyologist, and

WHEREAS since that first four-page inaugural issue, we estimate that *Copeia* has now published over 50,000 pages, which is over one page per species of described fishes and herps on the planet, and

WHEREAS after 100 years, *Copeia* continues to age like a fine scotch, especially if impact factors work like golf scores, and

WHEREAS *Copeia* is still published on paper to prevent members from taking their laptops into the bathroom,

THEREFORE BE IT RESOLVED that the membership raise their glasses for a toast to Edward Drinker Cope and to *Copeia*,

BE IT FURTHER RESOLVED that the membership contributes their highest profile work to *Copeia* to ensure another 100 years of communication of high quality science on fishes, amphibians, and reptiles.

RESOLUTION FOR THE CONVERGENCE OF INTERESTS IN ALBUQUERQUE.—WHEREAS JMIH 2013 brought together an amazing and unlikely gathering of fringe subcultures including ichthyologists, herpetologists, tattoo artists, marichis, and roller sports enthusiasts, and

WHEREAS the membership had much in common with the tattooed but were less interested in skates, and

WHEREAS over the course of the meeting, it became more and more difficult to differentiate members of different subcultures on the basis of external morphology,

THEREFORE BE IT RESOLVED THAT the members are requested to remove their name tags if they feel the urge to roller skate down Central Avenue in an oversized sombrero in search of a buzz and an inappropriate tattoo.

RESOLUTION FOR THE LAST BANQUET.—WHEREAS we find ourselves at a bittersweet crossroads at the last closing banquet, and

WHEREAS the ASIH has approved a motion to inaugurate a new closing social event, and

WHEREAS in response to chatter in the Twittersverse, the membership is devoted to keeping the meetings student-friendly,

THEREFORE BE IT RESOLVED that future social events replace rubbery banquet chicken and the reading of half-baked resolutions concocted by a clearly inebriated resolutions committee with student-friendly activities like beer pong, Jell-O shots, and keg stands,

BE IT FURTHER RESOLVED that the membership name the closing social “The Happy Ending.”

Prosanta then invited everyone to join us next year in Chattanooga, Tennessee.

Prosanta then asked visitors to stand when their country was called out. Nineteen countries and the state of Texas were represented: Argentina, Australia, Bahamas, Belgium, Brazil, Canada, Germany, Japan, Mexico, New Zealand, Saudi Arabia, South Africa, Sri Lanka, Sweden, Switzerland, Taiwan, United Kingdom, United States, Venezuela, and

Texas. He then asked everyone to join him in a round of applause to thank our local hosts, Heide Burke, and Mo Donnelly for the great meeting. Prosanta closed by saying it has been a great meeting, he called Dr. Cope to the podium to help read a poem, and he asked everyone to lift their glasses to *Copeia* to close the banquet festivities:

Here’s to 100 years of *Copeia*

A hundred years of cheers, a hundred years of beers,

A hundred years of graduate student tears,

Here’s to *Copeia*

Here’s to 15-page reviews for 5-page species descriptions

Here’s to cold-blooded lower vertebrates and mass extinctions

Here’s to *Copeia*, the finest fish and herp journal in the land

Here’s to *Copeia*, the only fish and herp journal in the land

Here’s to 100 more years of our beautiful journal being fresh and new

The first edition was stapled together, the last one will be too

Three cheers for *Copeia*

May you last forever and never die

“Nah, nah, nah, nah,

hey, hey, hey

goodbye!”

Goodbye, Albuquerque!

Respectfully submitted,

Maureen A. Donnelly

ASIH Secretary

7 September 2013

Miami, Florida