

American Society of Ichthyologists and Herpetologists

Board of Governors Meeting



Ballroom 1 – The Cliff Lodge

Snowbird, Utah

24 July 2019



Prosanta Chakrabarty, Secretary
Louisiana State University
Museum of Natural Science
119 Foster Hall
Baton Rouge, LA 70803
ASIHsec@outlook.com

25 June 2019

Dear ASIH,

I'm honored to submit my fourth (of five) BOFG Books as Secretary of the ASIH. If my years as Secretary were days of the week, it is now Thursday. If you are willing to be the next "ASIH Sec" please step forward so that you can begin your training, my weekend starts at the end of 2020. This role is both challenging and fulfilling, and perhaps it was never more so than in the rather tumultuous year of 2018. More on that in my reports.

The ASIH Board of Governors are scheduled to meet on Wednesday, July 24th from 5:00-7:00 pm in Ballroom 1 of the Cliff Lodge. This is the 99th annual meeting of the ASIH; many thanks to Al Savitsky, Catherine Malone and Marty Crump for chairing the local host committee this year.

President Cole plans to move for blanket acceptance of all reports included in this book that cover society business for 2018 and 2019 (in part). The book includes the candidate information for the 2019 elections that will take place after the meeting via electronic voting. The Board of Governors will vote on candidates for five award committees (Gibbs, Johnson, Fitch, Spiritus, Nelson) at the meetings.

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 during their meeting. Please remember to bring a version of this booklet with you. Wireless internet access will be provided to all JMIH 2019 attendees and the Twitter hashtag for the meeting is #JMIH19 (follow @ASIHCOPEIA for breaking news).

Please contact me directly (ASIHsec@outlook.com) with any questions you may have. Please notify me if you will not be able to attend the meeting so I can share your regrets with the Governors. We now have a JMIH-wide Code of Conduct – please report any issues to our Safety Officer, Lori Strong (codeofconduct@burkinc.com, 703-592-9946).

The annual ASIH BAAM (Business & Awards Meeting) will be held on Saturday 27 July 2019 from 6:00 to 8:00 pm in Ballroom 3 of the Cliff Lodge. Please plan to attend both the BOFG meeting and the Business & Awards Meeting. I look forward to seeing you in Snowbird.

Sincerely,

Prosanta Chakrabarty
ASIH Secretary

ASIH BOARD OF GOVERNORS 2018*

*2019 BOFG is listed in the Appendix

Past Presidents	Executive Committee	Elected Governors (Sectional Editors)
Allen, L.G.	Inger, R.F.	Baldwin, C.C.
Baldwin, C.C.	Lundberg, J.G.	Chakrabarty, P.
Beaupre, S.J.	Matthews, W.J.	Cole, K.
Burr, B.M.	Mayden, R.L.	Crother, B.
Cannatella, D.C.	McDiarmid, R.W.	Donnelly, M.A.
Cashner, R.C.	Mushinsky, H.R.	Espinoza, R.
Cohen, D.M.	Page, L.M.	Martin, F.D.
Collette, B.B.	Parenti, L.R.	Matthews, W.
Crother, B.	Pietsch, T.W.	Smith, W.L.
Donnelly, M.A.	Pough, F.H.	Stouder, D.
Douglas, M.E.	Rabb, G.G.	Summers, A.
Frost, D.R.	Robins, C.R.	
Gilbert, C.R.	Savage, J.M.	
Greene, H.W.	Savitzky, A.H.	
Greenfield, D.W.	Shaffer, H.B.	
Gregory, P.T.	Shaffer, H.B.	
Hanken, J.	Smith, G.R.	
Highton, R.	Trueb, L.	
Hutchison, V.H.	Wake, M.H.	

Class of 2018	Class of 2019	Class of 2020	Class of 2021	Class of 2022
Baldwin, C.C.	Cole, K.S.	Anthony, C.D.	Catenazzi, A.	Bell, R.
Craig, M.T.	Feldman, C.R.	Arnold, R.J.	Earl, Julia E. P	Berra, T.
de Queiroz, K.	George, A.L.	Davis Rabosky A.R.	Johansen, Rebecca	Cashner, M.
Diaz, R.E.	Harris, P.M.	Ferry, L.	Johnson, G. David	Johnston, C.
Leaché, A.D.	Hickerson, C-A.M.	López-Fernández, H.	McMahan, Caleb	Munroe, T.
López, J.A.	Hilton, E.J.	Maslenikov, K.P.	Rivas, Jesus	O'Donnell, K.M.
Piller, K.R.	Parker, M.R.	Richards-Zawacki, C.L.	Salcedo, Norma	Rabosky, D.I.
Pyron, R.A.	Ruane, S.	Saporito, R.A.	Savage, Anna	Spenser, C.I.
Turner, T.F.	Smith, W.L.	Sutton, T.T.	Taylor, Emily N	Sweet, S.S.
Willson, J.D.	Todd, B.D.	Whitfield, S.M	Walker, H.J.	Tornabene, L.

Officers – 2018

President – Brian Crother
President-Elect – Kathleen Cole
Past President – Carole Baldwin
Prior Past President – Maureen Donnelly
Secretary – Prosanta Chakrabarty
Treasurer – F. Douglas Martin
Editor – Wm. Leo Smith

Copeia Staff – 2018

Editor – W. Leo Smith
Production Editor – Kathleen Smith
Figure Editor – Matthew G. Girard
General Ichthyology Editor – Roberto Reis
General Ichthyology Editor – Donald G. Buth
General Ichthyology Editor – Matthew T. Craig
General Herpetology Editor – Michael J. Lannoo
General Herpetology Editor – Bryan Stuart
General Herpetology Editor – Jacob Kerby
Ecology and Ethology Editor – Joel Snodgrass
Ecology and Ethology Editor – Jacqueline Litzgus
Genetics, Development and Morphology Editor – Matthew P. Davis
Genetics, Development and Morphology Editor – Dustin Siegel
Genetics, Development and Morphology Editor – Terry Grande
Physiology and Physiological Ecology Editor – Karen Martin
Physiology and Physiological Ecology Editor – Catherine R. Bevier
Index Co-Editor (Subject) – Cynthia Klepadlo
Index Co-Editor (Taxonomic) – Jay W. Orr
Index Co-Editor (Virtual Issues) – Jacqueline Webb
Book Review Editor Ichthyology – Luke Tornabene
Book Review Editor Herpetology – Robert E. Espinoza

Editorial Board - James Albert, Jon Armbruster, Rayna Bell, Katherine Bemis, Amanda Bennett, Gerardo Carfagno, Kevin Conway, Julia Earl, Carl Ferraris, Michael Ghedotti, Sarah Gibson, Patrick Gregory, Susan Herrick, Fernando Jerep, Randy Mooi, Christopher Murray, Lori Neuman-Lee, Hannah Owens, Lynne Parenti, Sara Ruane, Eric Schultz, Kevin Tang, H.J. Walker, Jr., and Mark V.H. Wilson.

ASIH Committees - 2018

AUDIT COMMITTEE –

Larry Allen (Chair) larry.allen@csun.edu
Members: Maureen Donnelly, Carole Baldwin

COMMITTEE ON GRADUATE STUDENT PARTICIPATION -

Officers:

Matt Girard - mgirard@ku.edu (Chair)
Kim Foster (Chair-elect)
Neha Savant (Secretary)

Book Raffle Committee:

Co-chairs: James Erdmann; Adania Flemming.
Committee members: Cooper Campbell; Anna Gruszkiewicz; Neha Savant

Workshop Committee:

Chair: Adania Flemming
Committee members: Cooper Campbell; Jessica Grady; Melanie Partin

Clark Hubbs Travel Awards Organizer:

A. J. Turner

Conservation Committee Representatives:

Cooper Campbell, Melanie Partin

Social Committee:

Courtney Weyand (Chair);
Committee members: C. Elyse Parker; A. J. Turner

Web Content and Management Committee Member:

Bill Ludt

JMIH Liason: Courtney Weyand

International Liason: Diego Elias

CONSERVATION COMMITTEE -

Frank McCormick - asihcons@gmail.com (Chair), Brian Todd (Co-Chair) - btodd@ucdavis.edu
Members: Jonathan Baskin, Todd Campbell, Barry Chernoff, Matt Craig, Anna George, David Green, Pat Gregory, Gene Helfman

EDUCATION AND HUMAN RESOURCES COMMITTEE –

Michael Pauers - michael.pauers@uwc.edu (Chair); Sara Ruane (Co-Chair)
Members: Carol Johnston, Steve Kimble, Liz Marchio, Peter Konstantinidis

ENDOWMENT and FINANCE COMMITTEE –

Adam Summers (Chair) - fishguy@uw.edu; William Matthews (Co-Chair)
Members: David Hillis, Norma Salcedo, Margaret Neighbors, Fran Irish

EXECUTIVE COMMITTEE –

Brian Crother – bcrother@selu.edu (Chair and President)

Members: Kathleen Cole (President-elect), Carole Baldwin– (Past President), Maureen Donnelly (Prior Past President), Robert Espinoza (Chair of LRPP), Deanna Stouder (LRPP Co-Chair), Wm. Leo Smith (Editor), Adam Summers (Co-Chair of ENFC), William Matthews (ENFC Co-Chair), F. Douglas Martin (Treasurer), Prosanta Chakrabarty (Secretary)

HENRY S. FITCH AWARD COMMITTEE –

Robert Espinoza - robert.e.espinoza@csun.edu (Chair)

Members: Pat Gregory (2017-2019), Maureen Donnelly (2016-2020)

GAIGE FUND AWARD COMMITTEE -

Melissa Pilgrim mpilgrim@uscupstate.edu (Chair)

Members: Anna Savage (2017-2019), Sara Ruane (2018-2020)

HERPETOLOGICAL ANIMAL CARE COMMITTEE –

Christopher Parkinson – viper@clmson.edu (Chair)

Members: Jennifer Deitloff, Matthew Gifford, Sean Graham, Alan Savitzky, David Steen

ICHTHYOLOGICAL ANIMAL CARE COMMITTEE -

Phil Harris – pharris@ua.edu

Members: Nate Frassen, Michael Heithaus, Edie Marsh-Matthews, Alexandra Snyder, Frank McCormick

ICHTHYOLOGICAL AND HERPETOLOGICAL COLLECTIONS COMMITTEE –

Gregory Watkins-Colwell - gregory.watkins-colwell@yale.edu (Chair)

Sarah Huber (Co-Chair)

Members: James Erdmann (Student Rep), Mark Sabaj (Past-Chair), Adam Cohen, Alexandra Snyder, Ben Frable, Caleb McMahan, Carole Baldwin, Coleman Sheehy III, Greg Watkins-Colwell, H. J. Walker, James Erdmann, José Rosado, Ken Thompson, Kevin Swagel, Laureen Scheinberg, Mariangeles Arce Hernandez, Mark Sabaj, Norma Salcedo, Randy Singer, Richard Feeney, Sam Ghods, Susan Mochel, Ted Pietsch

JOINT ASIH-AFS COMMITTEE ON NAMES OF FISHES -

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

Members: Margaret Neighbors, Lloyd Findley, Carter Gilbert, Karsten Hartel, Juan Jacobo Schmitter-Soto, Robert Lea, Nicholas Mandrak, H.J. Walker, Bruce Collette, Ross Robertson, Kate Bemis

ROBERT K. JOHNSON AWARD COMMITTEE –

Steven Ross - stross1@unm.edu (Chair),

Members: Eric Hilton (2017-2020), Emily Taylor (2016-2019)

LONG RANGE PLANNING AND POLICY COMMITTEE –

Robert Espinoza (Chair), Deanna Stouder (Co-Chair)

Members: Larry Allen, Malorie Hayes, Eric Hilton, Carol Johnston, Shab Mohammadi, Margaret Neighbors, Rocky Parker

MEETING MANAGEMENT AND PLANNING COMMITTEE -

Henry Mushinsky - mushinsk@usf.edu (Chair); Marlis Douglas (Co-Chair)

Members: Kyle Piller

JOSEPH S. NELSON AWARD COMMITTEE -

Jacqueline Webb (Chair)

Members: Brian Sidlauskas (2018-2020), Bruce Collette (2017-2019)

NOMINATING COMMITTEE -

Abigail Berkey (Herpetology) - (Chair)

Members: Carole Baldwin (Ex-Officio Ichthyology), Sarah Huber (Ichthyology), Michael Douglas (Herpetology)

PUBLICATION POLICY COMMITTEE –

Leo Smith – leosmith@ku.edu (Chair)

Members: all Associate Editors and Book Review Editors

RANEY FUND AWARD COMMITTEE –

Brad Erisman (Chair)

Members: Caleb McMahan (2017-2019), Rebecca Johansen (2018-2020)

RESOLUTIONS COMMITTEE – Kevin Conway (others will be officially appointed in Snowbird)

ROBERT H. GIBBS, JR. MEMORIAL AWARD COMMITTEE –

Kyle Piller (Chair)

Members: Kevin Conway (2017-2019), Melanie Stiassny (2018-2020), Karsten Hartel (2019-2021)

STUDENT AWARDS COMMITTEE –

Kathleen Cole – (Co-Chair), Emily Taylor (Co-Chair)

Members: Stoye & Storer Judges: To Be Announced at the Business Meeting

WEB CONTENT AND MANAGEMENT COMMITTEE –

Melissa Gibbs– mgibbs@stetson.edu (Chair)

Members: Maureen Donnelly, Bill Ludt, Caleb McMahan, James Watling, Jacqueline Webb

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, Susan Walls, Eric Hilton, Gregory Watkins-Colwell

SPIRITUS COMMITTEE - Mark Sabaj (chair), Gregory J. Watkins-Colwell, Katherine Pearson Maslenikov

REPRESENTATIVES TO OTHER SOCIETIES -

AMERICAN ELASMOBRANCH SOCIETY - Charles "Chip" Cotton - ccotton@fsu.edu

AMERICAN FISHERIES SOCIETY – Marlis R. Douglas – mrd1@uark.edu, Michael E. Douglas – med1@uark.edu

AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES - Alan Savitzky - savitzky@usu.edu

BIOONE – Alan Savitsky - savitzky@usu.edu

HERPETOLOGISTS' LEAGUE - Alan Savitzky - savitzky@usu.edu

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

SOCIETY FOR THE PRESERVATION OF NATURAL HISTORY COLLECTIONS – Randy Singer randal.a.singer@ua.edu

SOCIETY FOR STUDY OF AMPHIBIANS AND REPTILES - Alan Savitzky - savitzky@usu.edu

DIVERSITY COMMITTEE -

Michael Franklin (chair), Rocky Parker (co-chair), Christopher Martinez, Kim Foster, Beck Wehrle, Norma Salcedo, and Melanie Stiassny

Reports and Agenda for the 2019 Meeting of the Board of Governors of the American Society of Ichthyologists and Herpetologists

Organization and Announcements

1. Call to order - President Cole
2. Governors Sign In - Secretary Chakrabarty
3. Messages of regret from absentee governors - Secretary Chakrabarty
5. Call for motion to approve minutes of 2018 meeting of the Board of Governors as published in *Copeia* 2018:106(4):685-692 (see Appendix E) - President Cole
6. Announcement of appointment of Resolutions Committee - President Cole
7. Announcement of Stoye and Storer Award Judges (names withheld until Annual Business & Award Meeting) - President-Elect Beachy
8. Future annual meetings – Governor Henry Mushinsky
 - o Norfolk, VA, 20-26 July 2020
 - o Phoenix, AZ, 21-25 July 2021
 - o Spokane, WA, 28 July-1 August, 2022

Reports

Reports of Officers

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[to be read @ BOFG meeting]
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Business Session

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- 55. Discussion of reports exempted from blanket approval
- 56. Discussion of Old Business
- 57. Discussion of New Business
- 58. Call for BOFG approval of Ballots (BOFG ballot & General Election Ballot)
- 59. Board of Governor’s Elections: Fitch, Gibbs, Johnson, Spiritus, and Nelson Committees
- 60. Adjournment

10. SECR: Secretary – Prosanta Chakrabarty

Last year, 2018, was my third full year as Secretary for the ASIH - and it was ... complicated. The last JMIH in Rochester, New York raised issues that have been swept under the rug for too long and exposed some raw nerves. Dealing with a meeting where we were scrutinized by internal and external voices over social media and IRL, I personally felt intense pressure to right the ship. Luckily, I was not on my own and want to thank the other members of Exec for helping to improve our Society in real and meaningful ways. Improvements from last year include:

- (1) We promised to expand the ASIH Code of Conduct to make it JMIH-wide. That has been completed and now everyone who registers for the meeting must agree to abide by the CoC. I thank the other JMIH societies for their input, advice and leadership (particularly AES).
- (2) We promised to hire an external Ombudsperson to enforce the Code of Conduct – we hired Lori Strong (lstrong@burkeinc.com; Burke and Associates, Inc.) to be on-sight during the meetings and to also provide an anonymous reporting system. Please refer to her as the ‘JMIH Safety Officer.’
- (3) After being called out, justifiably, for the scarcity of gender, ethnic or racial diversity in our previous lifetime awards we have made a first attempt at diversifying the potential pool of candidates by creating a new mid-career award named after Margaret M. Stewart. I also emailed the various committees to ask them to please take into account the full range of candidates when considering winners of these awards and suggested having a member of each committee serve as a ‘Diversity Advocate.’
- (4) The Diversity Committee was made a standing committee and was provided funds to offer ten ‘Student Diversity and Inclusion Awards’ to students from diverse backgrounds to attend the meetings.
- (5) The ASIH is also the primary funder of a symposium focusing on women herpetologists, “Professional Women In Herpetology” being run by NSF Program Director Leslie Rissler.
- (6) The ASIH is the primary funder and organizer of childcare at the joint meeting allowing parents to pay for childcare at a low price of \$5 an hour. (Contact Christine Burk PreferredSitters@msn.com).
- (7) The ASIH joined (as an inaugural member) the Societies Consortium on Sexual Harassment in STEMM led by the AAAS. Lynne Parenti was appointed as our representative to that consortium, see more details in her report below. We hope to learn from this consortium more about how we can improve our Society and address concerns about safety and inclusion.

I am proud of the work ASIH has done to try to build a safer and more inclusive environment. Many of these items (e.g., hiring an ombudsperson [aka “JMIH Safety Director”] and having a Joint Code of Conduct) were in the works for several years. We have a lot of work still to be done, and it will neither be cheap or easy to fix our many issues or to un-do past wrongs. I wrote many personalized emails to people who have had concerns or who no longer felt welcome at JMIH. I tried my best to explain that I understood their position and described how we are working to make the Society into one

I hoped they would want to rejoin in the future. As someone who has been a member for 19 years I have seen the ASIH grow and change and I am thankful to be part of this transition.

I did nothing alone and I wanted to thank Exec and other members of the Society again for working hard on our behalf. I want to especially call out Bobby Espinoza who not only served as co-chair of LRPP but also worked very hard as the ASIH Rep for the JMIH Code of Conduct Committee (besides being a *Copeia* Editor, and Co-Chair of the ASIH Speed Networking Workshop) and has really helped build a better communication network between societies.

Our Webmaster, Dennis Murphy, continues to maintain our electronic presence and the new improved website serves our needs well. Thanks also to those keeping our Twitter and Facebook pages buzzing with posts on current events that affect our members. Karen Lips especially has been pivotal in creating our Twitter presence and interacting with our membership on a daily basis through this important communication device. She will be stepping away from this role at the end of JMIH19; we thank her for her service to the Society.

Please note that I do not include many of the activities I worked on with the Executive Committee in this report as those are listed in the EXEC report below (#17).

The winners of our publication awards in *Copeia* are repeated here from Editor Smith's report from the 2018 BOFG book. The awards were presented during the Business & Award Meeting in Rochester, New York:

HERPETOLOGY

Best Paper: Edward Fernandez, Frances Irish, and David Cundall. 2017. How a Frog, *Pipa pipa*, Succeeds or Fails in Catching Fish. *Copeia* 105:108–119.

Best Paper Young Scholar: Jennifer Y. Lamb. 2017. Sexual Isolation between Two Sympatric *Desmognathus* in the Gulf Coastal Plain. *Copeia* 105:261–268.

Best Student Paper: Clint L. Bush, Jacquelyn C. Guzy, Kelly M. Halloran, Meredith C. Swartwout, Chelsea S. Kross, and John D. Willson. 2017. Distribution and Abundance of Introduced Seal Salamanders (*Desmognathus monticola*) in Northwest Arkansas, USA. *Copeia* 105:678–688.

ICHTHYOLOGY

Best Paper: Jacqueline F. Webb and Jason B. Ramsay. 2017. New Interpretation of the 3-D Configuration of Lateral Line Scales and the Lateral Line Canal Contained within Them. *Copeia* 105:339–347.

Best Paper Young Scholar: Tiago P. Carvalho, Roberto E. Reis, and Mark H. Sabaj. 2017. Description of a New Blind and Rare Species of *Xyliphius* (Siluriformes: Aspredinidae) from the Amazon Basin Using High-Resolution Computed Tomography. *Copeia* 105:14–28.

Best Student Paper: David C. Fryxell and Eric P. Palkovacs. 2017. Warming Strengthens the Ecological Role of Intraspecific Variation in a Predator. *Copeia* 105:523–532.

January 2018 - I updated the various committee memberships on the ASIH website with the help of the Webmaster. I sent a blast email to all Board of Governors

(BOFG) members to agree to the Conflict of Interest Statement and to check that their membership is active (while also checking their membership status independently). I also sent a blast email to all ASIH members (and recent former members) to tell them they can register for the JMIH 2018 meetings in Rochester and later that the abstract submission site was open. There were also blast emails asking for nominations for lifetime achievement awards, call for proposals for student awards, and the announcement of the Meritorious Teaching awards. I contacted the Nomination Committee chair about responsibilities of that committee. In January, I also distributed the results of the Diversity Survey via social media and made notes on how to improve that December survey based on comments sent by several members (the survey will now be run by the Diversity Committee). With the help of student workers I sent out more than one hundred thank you notes to various volunteer members of ASIH.

February: To help coordinate our shared objectives, and details for our ASIH obligations over the coming year I met with new ASIH President, Brian Crother, at LSU. I sent out a blast email about symposia, awards, the abstract submissions, and details about the meeting website. (We had several less formal meetings throughout the year.)

March: I checked Raney and Gage student membership for those award committees. I aided Allen Press in their first effort to reach out to people with lapsed ASIH memberships (this was a largely successful campaign, we have nearly the same membership as this point last year - see below). I sent an email reminder to register for JMIH. I reminded lifetime achievement award chairs how to purchase the plaques and awards for the winners.

April: I worked with AIBS about some cross-JMIH society interactions and possible collaborations. I sent off the past four years of *Copeias* to be bound for the official copies of the journal that are kept by the Secretary's Office. I helped Allen Press with their renewal mailing campaign including supplying them with images of some of our members doing fieldwork. I instructed president Crother on getting a committee for Honorary Foreign members and started putting together the BOFG book and called for reports. I also asked Randy Singer to bring together all the ASIH photos from past years into one place – he created the Flickr page (<https://www.flickr.com/people/157871730@N04/>).

May: I continued putting together the BOFG book as reports came in. I asked Brian Crother to come to LSU to sign the Gage and Raney awards and asked the Treasurer to send me the checks so that I can mail out the awards and checks together (in previous years checks were sent separately and I carried the awards to JMIH but few winners were ever present to collect them.) I also facilitated getting the Meeting Management and Planning Committee report on the JMIH website.

June: I helped various committee chairs set up their JMIH meeting rooms and times with Cara Richards – in her first year as the Kansas State Program Coordinator for JMIH. Cara had a very short transition time into her new position and did an incredible job especially given the circumstances. I sent out the completed BOFG book to the Governors, and called for regrets to the Governors who could not attend JMIH18, and for approval of the 990 tax documents. I also sent out the BOFG book to the entire membership via a link to our website in a blast email with a invitation for members to attend the BOFG and BAAM meetings. I helped Allen Press's Account Manager with the number of issues of *Copeia* to print using the following formula: # of print members + #

print subscribers + the # of lapsed members + 75 extra for inventory. I emailed plenary committee chairs about their awards and speeches, as these were now limited to just three minutes because of the increasing length of the plenary. I also prepared the BOFG election ballot and judging packets.

July: I presided as Secretary of the ASIH during the JMIH meetings in Rochester. Duties included writing up the EXEC meeting minutes, BOFG meeting minutes, and ASIH Business Meeting minutes, as well as helping running those events. There were also some bigger (than usual) fires to put out during the meeting and several impromptu ad hoc meetings – I thank the Exec, especially President Crother for doing a lot of the hands-on/face-to-face work during JMIH. At the meetings I counted the BOFG ballots for electing new members of awards committees; I then contacted winners and losers, and reported the results. I also emailed, and posted on Twitter and Facebook, some of the activities that the ASIH Exec was carrying out to help improve our society and the JMIH meetings (see items 1-7 listed above for an update).

After the meeting, I mailed out Stoye and Storer Awards and other documents (such as awards and judging sheets) that were not distributed at the meetings. I also started putting together the ‘Summary of the Meetings’ for *Copeia*.

August: I worked on items for *Copeia* 2018 Issue 3 including announcements for awards after contacting lifetime-award-committee chairs for approval. I asked the Webmaster to update the website based on these changes. I requested pictures from award winners, and speeches from the committee chairs (as did Production Editor Katie Smith). I helped Allen Press with the print order number and sent out the on-line ballots for ASIH elections.

September: I closed the ASIH elections and alerted winners and losers and shared these results on Twitter and Facebook.

October: I worked with Allen Press on the final round of the renewal campaign and wrote personal emails to some members who had concerns about JMIH and ASIH. I met with President Crother and newly elected President-Elect Chris Beachy in Hammond to discuss ASIH business. I was involved with talks with Henry Mushinsky and BAI about obtaining an Ombudsperson from them and I also contacted another potential Ombudsperson that was recommended from another society. I spoke with Rayna Bell who attended a AAAS meeting about harassment in STEMM (science, technology, engineering, mathematics, and medicine). It was through her work at that meeting that ASIH decided to become an inaugural member of the Societies Consortium on Sexual Harassment in STEMM.

November: I worked with the Webmaster on updating and fixing some errors and continued work on our Ombudsperson search. I also helped facilitate a blast email from the new *Copeia* editor, Leo Smith to the membership.

December: I coordinated with Allen Press to create and send out our annual Diversity Survey. I aided (mostly by being annoying) several members of Exec about items ranging from committee appointments to our joint Code of Conduct. I sent out an end of year blast email reminder to the membership about renewing and asking for nominations for committees and awards, I also updated members on some of our objectives for improving the society.

In 2018, I also fielded many questions about everything from damaged issues of *Copeia*, to the many “what is this... fish? snake? worm? etc.” questions. I get monthly emails asking about various subjects; my favorite two from 2018 were:

(1) ‘Can you verify that crocodylians will at times lay their eggs on the bottom of their feet ...’

(2) The person that repeatedly emailed me to get Larry Page’s attention so that the common name of *Opistognathus aurifrons*, the Yellowhead Jawfish, could be changed to the 'Neglige Fish.'

My real favorite emails were the ones from students looking for mentorship; I did my best to find them help by connecting them to a professional herpetologist or ichthyologist. With some help from ASIH members I did my best to answer all inquiries – special thanks to Sara Ruane and Frank Burbrink who never decline a snake question – and to whom I send the most mundane and the most ludicrous inquiries.

I also received various permissions to reprint materials from *Copeia*. These were nearly all granted and I recruited both Katie and Leo Smith to aid me in these efforts. I received and examined monthly reports from Allen Press that include donations, lapsed memberships, current membership, subscribers, member stats and demographics. Throughout the year I posted on the ASIH Facebook page and using Twitter (@ASIH Copeia and/or @PREAUX_FISH) to promote other society business. I thank the ASIH members that helped me answer many questions and resolve society business issues, particularly 2018 President Crother and 2019 President Cole. I also want to thank the students I have working to scan ASIH documents, organize files and other general tasks related to my role as Secretary.

The State of ASIH:

Excerpts from a report from Terry Leatherman of Allen Press sent to the Secretary

“As of June 6, 2019, ASIH had 1,471 members, a 4% decrease on the 1,528 members ASIH had at the end of 2018. When you compare the current ASIH membership total to where it stood a year ago, it is more comparable. On June 1, 2018, ASIH members totaled 1,491, 1.3% more than it has today. As additional members join in June and July, it remains possible the ASIH total membership will again reach 1,500 members by the end of the year.”

Membership Category	2018 Membership Total	2019 Membership Total
Regular Member	798	791
Student Member	405	376
Postdoc Member	71	63
Lifetime Member	176	175
Associate Member	22	17
Sustaining Member	21	15
Honorary/Other Member	35	34
2018 TOTAL ISN Membership	1,528	1,471

"Like many scholarly societies, ASIH has experienced a gradual membership decline in recent years. The chart below compares ASIH membership totals over the past decade."

Year	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
ASIH Member Total	1,471	1,528	1,519	1,654	1,573	1,556	1,698	1,644	1,814	1,988

"There are 44 countries represented in the membership of the American Society of Ichthyologists and Herpetologists. 85% of the ASIH membership resides in the United States. For the 15% of the membership outside the USA, the largest delegations are listed below."

Country	# of ASIH Members
United States	1,246
Japan	39
Brazil	35
Canada	35
Australia	22
Germany	17
38 other countries	77

"ASIH has at least one member in every state in the United States, a large Washington DC membership and several members in US territories. Of the 1,247 member United States delegation, California is the home of 155 ASIH members. The top 10 states for ASIH membership are shown below."

#1	California	155 members
#2	Florida	104 members
#3	Texas	79 members
#4	New York	52 members
#5	Louisiana	44 members
#6	Pennsylvania	42 members
#7	Washington	41 members
#8	Virginia	39 members
#9	Ohio	36 members
#10	Arizona	32 members

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 2018. The 2018 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 those associated with programs of the society (awards, annual meetings, dues, subscriptions, and publications) and those related to management and general operations. Expenses for the year exceeded income by \$28,760 in 2017 with the inclusion of realized and unrealized investment gains and losses (Table 1), however, this is because we had \$55,179 in unrealized losses, which is simply a decrease in market value of stocks and bonds which we already owned. Membership numbers remained nearly the same (up 8 members) compared to membership in 2017 while subscription numbers decreased by 26 institutional subscriptions compared to 2017 (Table 2). Sales of Special Publications (Table 1), both in numbers sold and in income, were low (\$174 compared to \$220 in 2017). Page charges income, when compared to 2016 (\$0 compared to \$1,430 in 2016) is greatly reduced. The 2017 meetings in Austin may have lost money (still not clear whether or how much) for ASIH. If we ignore the large loss from unrealized losses, our income exceeded expenses by more than \$26,000.

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 (CAP) account is split between two lines, with outstanding income checks at year's end listed under "Accounts Receivable", outstanding debts listed as "Accounts Payable", and the holdings in the brokerage account (Federated Prime Cash Obligations Fund, and bank sweep money market) listed under "Other Current Assets". The value of our total asset value decreased at the end of the year (\$1,936,396) compared to that of 2017 (\$1,980,332) on the balance sheet.

The three ASIH accounts in which the individual society funds are comingled held \$1,451,424 on the December 2018 statement (Table 4). Of this total, the holdings in the WFA managed investment accounts were worth \$1,113,336 (Table 5). This fund yielded - 5.66% loss after fees for 2018.

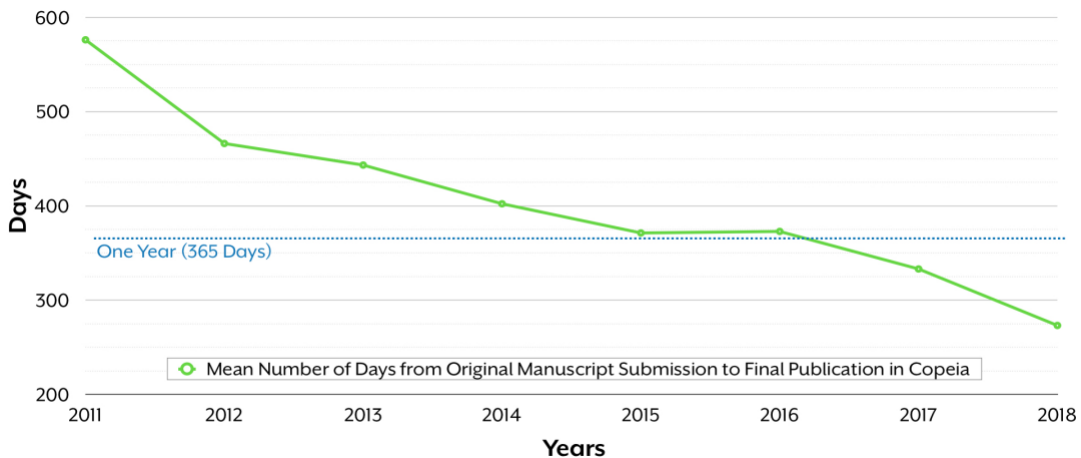
This year was a good, but not great year for ASIH financially. We had significant losses from the financial markets, but our financial health is still robust. Our award funds profited from harvesting previously unrealized capital gains in 2017 and our investments have had very good returns in both realized and unrealized gains in 2017 so they came into 2018 in a good position to withstand losses. Our income from dues and subscriptions still exceed the costs of publication so I believe that we can allow our dues and subscriptions to remain at current levels for yet another year, however, the trend in loss of subscriptions is troubling. The Society will need to decide in the near future whether to use our investments to subsidize publication, to raise dues and subscription rates, or to find cheaper ways to publish and distribute our research findings.

12. EDIT: Editor – W. Leo Smith

This past year was my first full year as the Editor of *Copeia*. I am grateful to work with a tremendous group of associate editors and a phenomenal editorial office. The associate editors of *Copeia* are all excellent scientists who provide a critical service to the Society and *Copeia*. I thank them for continuing to set high standards for our journal. I am sad to report that Dr. Karen Martin will be stepping down as an Associate Editor for Physiology and Physiological Ecology after ten years. She was a fantastic Associate Editor, and I thank her for her many years of dedicated service. I also want to take this opportunity to welcome Dr. Mia Andreani as a new Ecology and Ethology Associate Editor.

I continue to work with long-time production editor Katie Smith who is in her 15th year with *Copeia*, and now Matt Girard has replaced me as the illustration editor. We have transitioned and streamlined our workflow using a combination of Slack and Dropbox to efficiently communicate and share files among the members of the editorial office. Katie and Matt are extremely skilled and handle the majority of work on *Copeia* after manuscripts are edited and accepted. It is a pleasure to work with Katie, Matt, all of the associate editors, and the staff at Allen Press.

I want to take this opportunity to thank authors who submit their manuscripts to *Copeia*. The Society wants to support the research of its members, and we care about the quality of our product. *Copeia* benefits tremendously from the research of our members, and we want *Copeia* to be a venue for some of the best work of our Society's members. As with any journal, our downloads, citations, and scientific and public awareness benefit disproportionately from our highest performing manuscripts. We are grateful when our members choose to publish their best work in *Copeia*. We also realize how much work is needed to produce a scientific publication, and we are dedicated to ensuring that their science is presented in the best possible light. As such, we have an editorial office that includes a production editor with a master's degree in biology and over a decade of scientific copyediting experience and an illustration editor who is pursuing a Ph.D. in evolutionary biology. The production editor works exclusively for *Copeia* to ensure that manuscripts are produced efficiently and accurately. The illustration editor ensures that all images are of high quality and works with authors to improve their submitted images.



For many years, the editorial office and associate editors have been making efforts to improve the experience for authors in *Copeia*. I want to highlight our improvements on two fronts. The first improvement is one of the most desired metrics: a reduction in time from submission to publication. *Copeia* is happy to report that manuscript review and publication times continue to improve and are competitive with other respected zoological venues. The number of days from manuscript submission to final publication averaged 273 days (often fewer than 200) in 2018. This compares favorably with data from seven years ago when this same process averaged nearly 580 days. The trend can be seen in the image below. This and related critical turnaround-time metrics have more or less continually decreased every year since 2011. There are many reasons for this improvement from online-early publication to the dedication of our editorial staff, reviewers, and publication partners. I hope our proven commitment to continually improving this metric will encourage scientists to submit their best work to *Copeia*. Second, I wanted to highlight the improved usage of our free-to-author supplemental website (<https://www.copeiajournal.org/supplemental>), which is now being used in greater than 20% of our manuscripts. This resource that began in 2016 was chosen to minimize the cost of storing supplemental data for *Copeia*. We preferred this approach because it allows us to provide this service for free to authors, it ensures that ASIH maintains control of the supplemental information associated with *Copeia*, and we have used it to add additional benefits to our authors and the greater scientific enterprise. As one of several examples, the editorial office of *Copeia* now requires tree files for all phylogenetic analyses. The final tree files are stored on the supplemental website for subsequent researchers and uploaded by the editorial office to the ever-growing Open Tree of Life Project (<https://tree.opentreeoflife.org>).

I remain concerned with the trend of fewer published papers over the last several years. I would like to publish around 800 pages per year in *Copeia*. It is my hope that some of the changes highlighted below will increase the number of manuscript submissions. To potentially increase the number of quality manuscript submissions, we have implemented a few changes at *Copeia*. Some of these changes were noted in last year's report or emailed to the membership in the fall of 2018. I want to highlight three of these changes here that relate to open-access options for authors in *Copeia*.

(1) Beginning in 2019, *Copeia* has several new open-access policies ranging from a comparatively inexpensive full "Gold Open Access" option for members to formal permission for "Green Open Access" for the deposition of submitted manuscripts into non-commercial preprint servers such as bioRxiv and post-acceptance digital repositories. Authors can now pay to make their research freely available to all interested parties from both the BioOne (<https://bioone.org/journals/copeia>) and Allen Press "membership-based" (<https://www.asihcopeiaonline.org>) journal websites upon publication of their article. Members of the American Society of Ichthyologists and Herpetologists can make their article fully open access for \$500, and non-members can make their article fully open access for \$2,500. This option has been available for all of 2019, and approximately 10% of papers have been made open access by the authors. Additionally, *Copeia* now allows authors to deposit manuscripts in non-commercial preprint servers such as bioRxiv (<https://www.biorxiv.org>) and allows authors to deposit their accepted manuscript in non-commercial digital repositories associated with their employers or universities as long as the following conditions are met: 1) the manuscript, tables, figures,

and supplemental material are included in manuscript form (i.e., not the type-set proof or final publication), 2) the copyright to the American Society of Ichthyologists and Herpetologists and year is noted, and 3) the full published citation and DOI are included.

(2) All *Copeia* authors are given a personalized open-access link to share that provides 50 days of free and open access to their article from the date of publication. This link will take readers directly to the final version of the article and does not require registration or login. This service is provided to help authors share *Copeia* research with the press and social media without any barriers to access. We believe that this direct link from through the *Copeia* supplemental website (<https://www.copeiajournal.org>) that does not require sign-in or verification will facilitate early spread of the manuscript, which should increase downloads and citations of the research. In the first year of this link offering, we had 6,280 downloads of *Copeia* papers from our direct links. Importantly, these 6,280 downloads did not negatively impact our downloads of articles on our BioOne and Allen Press websites. In fact, both of these sites saw year-over-year download increases for new articles in 2018 (see download statistics below). As noted last year, the downloads were dominated by one paper that was downloaded 3,006 times (2018: 94–119) after being written about by *Smithsonian Magazine*, but three additional papers were downloaded over 200 times. This open-access link shared by authors and ASIH on social media allowed a freelance writer who did not have had access to *Copeia* articles behind a paywall to learn and write about this new discovery. We hope these 50-day open-access links will continue to facilitate the writing of popular articles on research published in *Copeia*.

(3) *Copeia* will now make ten articles open access each year at no charge. These include the six best papers of the year (<https://asih.org/copeia/best-copeia-papers>) as well as the most downloaded paper of the year and the most cited paper of the preceding year (one in herpetology and one in ichthyology for each category). The Society hopes that this will encourage authors to submit their best work to *Copeia*. One week after making the award-winning papers open access in 2018, four of these articles were in the top 20 most-downloaded articles of the previous three months.

***Copeia* impact factor and download statistics**

At the end of 2018, *Copeia*'s impact factor was 1.220 (2017, 0.980; 2016, 1.144; 2015, 1.034; 2014, 0.901). This score places the journal slightly to the better side of the median of the zoology journals that *Copeia* is properly compared to. Of the 167 zoology journals that receive an impact factor, *Copeia* ranked 70th. In last year's report, *Copeia* was ranked 86 out of 160. For comparison, we performed better than the median impact factor of zoology journals which was 1.097. With regard to the impact factor, we performed similarly to other herpetological and ichthyological journals: *Herpetological Monographs*–2.000; *Journal of Fish Biology*–1.702; *Herpetologica*–1.013; *Journal of Herpetology*–0.865; *Ichthyological Exploration of Freshwaters*–0.783; *Ichthyological Research*–0.765.

Although it has not been discussed in previous reports from the Editor, it seems clear that I should begin to collate and provide discussion about the annual downloads of our publications across all four websites: the membership website (“Allen Press”), the BioOne website (“BioOne”), the 50-day open-access website (“Squarespace”), and the JSTOR website (“JSTOR”). As noted above, this was the first year of the Squarespace

website, so all of its statistics are exclusive to 2018, but I have gone back and collected data from 2017 to make relevant comparisons for the other three websites. Across all four websites, *Copeia* had 96,201 downloads of articles in 2018. This compares favorably to 85,414 downloads in 2017. More than half of our downloads are from JSTOR (60,492 downloads in 2018 and 54,824 downloads in 2017). The remaining downloads are from BioOne (25,362 downloads in 2018 and 26,263 downloads in 2017), Squarespace (6,280 downloads in 2018), and Allen Press (4,067 downloads in 2018 and 4,326 downloads in 2017). In addition to total downloads, we can examine in-year downloads. In 2018, we had 12,449 downloads of 2018 *Copeia* articles (6,280 on Squarespace, 4,844 on BioOne, and 1,325 on Allen Press). These compare favorably to the 5,104 downloads of 2017 *Copeia* papers in 2017 (3,824 on BioOne and 1,280 on Allen Press). The mean number of downloads per 2018 article in 2018 was 201 (or 100 if the Squarespace downloads are excluded). The compares favorably to the mean number of downloads per 2017 article in 2017, which was 73 (note: There were no Squarespace downloads in 2017.). Nearly half of our 12,449 downloads in 2018 came from our five most downloaded articles of 2018 (6,180 downloads or 49.6%). Three of the top five downloads of 2018 were ichthyological, one was herpetological, and one was a techniques paper that was relevant to herpetology and ichthyology. Of our 12,449 2018 downloads, 64% were ichthyological, 22% were herpetological, and 14% were from the techniques paper noted above that was relevant to herpetology and ichthyology.

A final comparison that can be made about the impact and reach of our publications is the average Altmetric score for our articles. Altmetric scores are based on the company's algorithm that attempts to summarize and quantify the online activity or reach surrounding scholarly content. With our increased efforts to share our publications through Twitter and with the 50-day open-access link, it is not surprising that our mean and median Altmetric scores would improve in 2018 relative to 2017. In 2018, our mean Altmetric score was 17.6 (0–320) per paper, which is improved over our 2017 mean score of 8.4 (0–162) per paper. As we see with article citations (i.e., impact factors) and downloads, our highest performing papers have a disproportionate impact on our mean Altmetric scores. Given this effect, it is important to note that our median Altmetric scores also more than doubled in 2018 (from 3 in 2017 to 7 in 2018). This suggests that not only high-performing papers, but all *Copeia* papers, are experiencing higher visibility and activity because of the 50-day open-access link and the social media efforts of *Copeia* and our authors.

***Copeia* submissions and articles**

There were 265 new and revised submissions in 2018 (9% increase over 2017). Of these, 162 were new submissions (17% increase over 2017). This is an average of 22 new and revised submissions per month (10% increase over 2017). There were 20 in 2017, 20 in 2016, 24 in 2015, and 19 in 2014. In terms of new submissions, June (17 new submissions) was the most active month, while January (9 new submissions) was the slowest month. Of these new submissions, 117 were from the United States and the rest were received as follows from an additional 17 countries: Argentina (1), Australia (2), Brazil (22), Canada (2), China (3), Denmark (1), Ecuador (1), Hong Kong (1), India (4), India (1), Israel (1), Japan (2), Malaysia (1), Mexico (1), Norway (1), Singapore (1), and Thailand (1).

In 2018, 696 pages of *Copeia* were published across four issues: March (237 pages), July (167 pages), October (170 pages), and December (122 pages). These represent a decrease of 125 pages (i.e., down 15%) from 2017, which had 821 pages. The 2018 volume included 62 research papers (602 pages or 86% of the volume). The remaining pages (14% of the volume) were distributed across two historical perspectives, *zero* obituaries, eight book reviews, editorial notes and news, instructions to authors, summary of the 2018 annual meeting, award announcements, subject and taxonomic indices of volume 105, and the volume contents of both 105 and 106.

Of the 62 research and review papers published, 34 (54%) were ichthyological, 27 (44%) were herpetological, and one (2%) was a techniques paper relevant to both. For comparative purposes, these statistics for the past several years (% ichthyological/% herpetological) are 53/47 for 2017, 34/65 for 2016, 62/38 for 2015, 53/47 for 2014, and 49/51 for 2013. The proportion of ichthyological vs. herpetological submissions represents which manuscripts make it to acceptance for publication; it is not a goal of the editorial office to balance the taxonomic distribution. Of the 62 research and review papers published, we had 215 authors. We do not ask for demographic information from our authors, but our best estimate of our author gender breakdown is 28% female authors and 72% male authors. The gender breakdown of the first (or only) author is 31% female authors and 69% male authors. This is the first year we have attempted to quantify these author data, so we will begin making comparisons next year.

***Copeia* best papers**

Every year, *Copeia* recognizes some of the excellent papers published in the journal. All papers are eligible unless they include a member of the Executive Committee as an author. The papers were considered by a panel, selected by the Editor, of Editorial Board members and ASIH members, to be the best papers published in 2018 (volume 106). 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 a postdoc, untenured, or the equivalent at the time of submission. The Best Student Paper is chosen when the lead author is a student at the time of submission.

Ichthyology Best Paper: Terry C. Grande, W. Calvin Borden, Mark V. H. Wilson, and Lindsay Scarpitta. 2018. Phylogenetic Relationships among Fishes in the Order Zeiformes Based on Molecular and Morphological Data. *Copeia* 106:20–48.

Ichthyology Best Paper Young Scholar: Javier Barrientos-Villalobos, Juan J. Schmitter-Soto, and Alejandro J. Espinosa de los Monteros. 2018. Several Subspecies or Phenotypic Plasticity? A Geometric Morphometric and Molecular Analysis of Variability of the Mayan Cichlid *Mayaheros urophthalmus* in the Yucatan. *Copeia* 106:268–278.

Ichthyology Best Student Paper: David T. Camak and Kyle R. Piller. 2018. Going with the Flow: Testing the Role of Habitat Isolation among Three Ecologically Divergent Darter Species. *Copeia* 106:375–387.

Herpetology Best Paper: Mark Merchant, Dusty Savage, Amos Cooper, Monique Slaughter, Joshua S. Perkin, and Christopher M. Murray. 2018. Nest Attendance Patterns in the American Alligator (*Alligator mississippiensis*). *Copeia* 106:421–426.

Herpetology Best Paper Young Scholar: Will Selman and Peter V. Lindeman. 2018. Spatial, Seasonal, and Sexual Variation in the Diet of *Graptemys flavimaculata*, a Threatened Turtle of the Pascagoula River System, Mississippi, USA. *Copeia* 106:247–254.

Herpetology Best Student Paper: Rhett M. Rautsaw, Scott A. Martin, Bridget A. Vincent, Katelyn Lanctot, M. Rebecca Bolt, Richard A. Seigel, and Christopher L. Parkinson. 2018. Stopped Dead in Their Tracks: The Impact of Railways on Gopher Tortoise (*Gopherus polyphemus*) Movement and Behavior. *Copeia* 106:135–143.

Additionally, it is my pleasure to note that *Copeia* nominated Rhett Rautsaw and collaborators' award winning paper for the BioOne Ambassador Award this year. BioOne's independent panel of judges selected this paper as one of this year's Ambassador Award winners (<http://www.bioonepublishing.org/BioOneAmbassadorAward/2019/2019Winners.html>).

***Copeia* editing and acceptance statistics**

Generally, performance statistics for editorial staff were similar but modestly faster for 2018 compared to 2017. For comparison, performance statistics for 2018 are followed by values for 2017 in brackets. The median time from submission to Associate Editor assignment was 2 [15] days, securing of first reviewer by the Associate Editor was 8 [15] days, securing of final reviewer by the Associate Editor was 16 [26] days, days in review was 28 [44] days, days from last review to Associate Editor recommendation was 4 [7] days, and days from Associate Editor recommendation to Editor decision was 1 [7] days. In total, all new submissions required a mean of 52 [66] days to initial decision (i.e., accept, reject, or further revision).

Associate Editor workload and mean duration (from receipt of submission to decision by Associate Editor for manuscripts that were received after January 1 and reached initial decision by December 31) under each Associate Editor were as follows for 2018: C. Beachy (4 new, 50 days), C. Bevier (11 new, 54 days), D. Buth (16 new, 43 days), M. Craig (20 new, 41 days), M. Davis (12 new, 64 days), T. Grande (6 new, 89 days), J. Kerby (6 new, 103 days), M. Lannoo (31 new, 31 days), J. Litzgus (9 new, 65 days), K. Martin (7 new, 56 days), R. Reis (12 new, 28 days), D. Siegel (25 new, 30 days), L. Smith (18 new, 30 days), J. Snodgrass (10 new, 69 days), and B. Stuart (12 new, 55 days). Most of these data are similar to those from 2017.

In an attempt to get a more accurate rejection rate for each Associate Editor, we are now including only new manuscripts (i.e., not revisions) where the initial submission was made between 2016 and 2018 and a final decision was rendered by 31 December 2018. Each research or review manuscript was tracked individually instead of relying on the AllenTrack system, which resulted in considerably more accurate results and higher rejection rates. These are not comparable to data from previous reports. The revised rejection rates for the associate editors between 2016 and 2018 are as follows: C. Beachy

7%, C. Bevier 31%, D. Buth 36%, M. Craig 36% (2017–2018), M. Davis 50% (2017–2018), T. Grande 33%, J. Kerby 45%, M. Lannoo 58%, J. Litzgus 47%, K. Martin 38%, R. Reis 8%, D. Siegel 44%, L. Smith 19%, J. Snodgrass 50%, and B. Stuart 48%.

For manuscripts that were submitted in 2018 and reached a decision date in 2018 (160 manuscripts), the rejection rate was 21.3% (down from 26.3% in 2017). The service of the *Copeia* reviewers is noted annually in the second issue of *Copeia*. There were 274 reviews (up from 215 in 2017) in total from 228 reviewers (up from 187 in 2017), and the average length of review duration was 26.2 days (down from 28.8 days in 2017).

***Copeia* production costs**

As the costs associated with publishing and printing *Copeia* have been a point of discussion over the last several years, I have included the relevant costs paid to Allen Press below. For comparison, costs for 2018 are followed by values for 2017 in brackets. We paid Allen Press \$94,986.20 [\$94,375.32] for the production and distribution of *Copeia* as well as access to their AllenTrack manuscript submission and tracking system. [note: At the time of writing this report, ASIH paid \$2,873.48 to Allen Press for sales tax associated with the printing and mailing of issues 2 and 3. We have not paid sales tax in previous years for any issues, so this is being discussed with Allen Press. If the sales tax is removed, the total cost would be \$92,112.72.] The breakdown of these costs are as follows: printing *Copeia*—\$33,782.25 [\$33,003.84]; type setting and figure processing (for both online PDFs and printing)—\$25,185.97 [\$25,990.25]; *Copeia* online—\$15,279.87 [\$15,659.74]; mailing *Copeia*—\$8,252.60 [\$9,375.32]; proof corrections—\$4,240.61 [\$5,473.88]; AllenTrack—\$4,828.41 [\$4,261.67]; and other publication costs and sales tax for two issues: \$3,416.49 [\$610.62]. The costs for the membership management, production staff, editorial reimbursements, and the physical storage of ASIH and *Copeia* materials at Allen Press are not reflected in these figures. Revenue from paper or electronic subscriptions, paper copies of the journal associated with memberships, page charges, supplemental image reproduction (i.e., image reproduction beyond the subsidized costs), open access fees, and digital downloads are not reflected in these figures.

***Copeia* changes in 2019**

This year is going to see a number of changes associated with our publishing partners. The year began on 1 January 2019 with BioOne transitioning from its long-time platform partner Atypon Systems to a new partnership with the nonprofit society SPIE. This transition was highlighted at the ASIH 2018 Board of Governors' meeting when the CEO of BioOne, Dr. Susan Skomal, presented the benefits of the transition and highlighted their goal to ensure that this would be a seamless transition for all stakeholders: publishers, libraries, and users. It seems clear from minimal concerns raised by *Copeia* readers and discussions with librarians that the transition was largely seamless for the libraries and most users. If anything, the readers mostly benefitted from the new site's more modern interface. Unfortunately, there were significant transition complications for the *Copeia* editorial office. Identifying problems with the transition and working with BioOne to correct the newly created problems required a substantial amount of time and energy from both the *Copeia* editorial office and BioOne. We want to take this opportunity to particularly thank Michael Di Natale at BioOne who spent a great

deal of time and energy correcting problems with *Copeia* for us. The problems ranged from inconsistent to no registration of DOIs to incorrect rendering of the HTML/XML version of *Copeia* articles to the omission of critical information from the footer of *Copeia* articles to incorrect page numbers for all articles. The major problems have essentially been fixed, and, while we continue to identify smaller issues (e.g., incorrect reporting of most cited articles), BioOne continues to work with us to fix errors that were introduced by the transition. Fixing all of the problems was helped by the active participation of Dr. Al Savitzky who is both an ASIH member and a member of the Board of Directors at BioOne. The bottom line is that it is difficult for us and our partners to maintain continuity across the four different versions of *Copeia* that are produced and available (the print version, the online PDF version, the HTML/XML version on the Allen Press site for members, and the HTML/XML version on BioOne), particularly when one or more of the versions transition.

Later in the year, we anticipate two major transitions with *Copeia* and Allen Press. First, they will be changing their publishing platform from Atypon Systems to Silverchair. Our hope is that our past experience with the transition of BioOne will help us navigate this transition. Unlike BioOne, Allen Press will allow us access to a beta version of the website, which we hope will greatly reduce the problems with the website going live. Second, Allen Press will be changing our manuscript tracking system from AllenTrack to PeerTrack. As with all of these transitions, there will be growing pains, but we are hopeful that the impact on our authors, members, and readers will be minimal and that the transitions will be beneficial. As a final note, Allen Press no longer offers authors the opportunity to purchase reprints of their articles. As such, we now receive print-quality PDFs of all *Copeia* articles. Authors can purchase this higher-resolution PDF, and it will be included at no cost to authors who purchase full open access with their publication.

13. PRES: President's Report – Kathleen Cole

The change in ASIH leadership occurred on January 1, 2019. Most of the presidential activities to date this year have been related to the following:

New ASIH Treasurer

Katherine Maslenikov joined ASIH EXEC as the new incoming ASIH Treasurer. Through Treasurer Maslenikov, insurance policies were issued for 2019 for coverage of: i) society directors and officers; ii) professional liability; and iii) general liability.

2019 Student Diversity and Inclusion Awards (SDIA)

A total of \$10,000 was awarded to the top 10 applicants, five in Ichthyology and five in Herpetology. Each awardee will also receive a free 1-year membership (online access) to the Society. Some procedural issues arose, which will be discussed at Snowbird in order to formalize the process and provide guidelines to the SDIA Committee.

Motion (Cole, Hillis): Support for the SDIA will be \$10,000 for this year, with the future amount adjusted based on Treasurer recommendations and annual EXEC approval.
Passed

Diversity Survey

The results of the ASIH 2018 Diversity Survey were finalized. Of those who responded with information, the survey revealed the following (note that submitted surveys with non-responses to a particular question resulted in less than 100% total :

- i) Ethnicity - Latino/Hispanic, 10%; White, 85%
- ii) Race – American Indian/Alaskan native, 2.5%; Asian, 4.2%; Black/African American, 1%; Native Hawaiian/Pacific Islander, 0%; White, 89%; No response, 6%
- iii) Disability – Yes, 15%; No, 86%
- iv) Gender Identity – Female, 28%; Male, 69%; Other, 1%.

Copeia

Allen Press will no longer be supporting AllenTrack and transitioning to PeerTrack (partnering with Aries Systems Editorial Manager) at an annual cost similar to that for AllenTrack.

Recognizing and involving Long-Term ASIH members in meetings

An ad-hoc committee with Carole Baldwin and David Hillis as co-chairs was established to develop a list of ASIH members falling into 30, 40, 50, 60, and 70 year categories of membership in the ASIH, for Exec to view in Utah and to use as a platform for discussions about how to honor long-standing ASIH members at a variety of levels.

Childcare at Snowbird

ASIH voted to subsidize onsite childcare (Preferred Sitters Child Care (PSCC)) at Snowbird to the amount of \$5,000 for the Snowbird meetings this summer. This adds to commitments from SSAR (\$1,000), HL (\$1,000) and AES (\$1,000). A contract with PSCC has been signed in which the childcare provider will offer services from July 24-28 2019 from 7:30am through to 10:00 pm daily.

Societies Consortium on Sexual Harassment in STEMM

Upon ASIH EXEC approval, ASIH joined the Societies Consortium on Sexual Harassment in STEMM as part of an inaugural group. Membership dues are \$500 for the current year. Dr. Lynne Parenti has been appointed to serve as the current ASIH representative.

Discussing a Junior Person Award. With an ASIH mid-career award now in place, a request came from a group of graduate student members that suggested adding a Junior Person Award. EXEC agreed to continue this conversation at Snowbird.

Code of Conduct

The four JMIH societies, including the American Elasmobranch Society, American Society of Ichthyologists and Herpetologists, Herpetologists' League and the Society for

the Study of Amphibians and Reptiles signed a Memo of Understanding with Burk & Associates, Incorporated to provide onsite ombudsperson services for issues related to the ASIH Code of Conduct at the 2019 meetings in Snowbird, Utah

Miscellaneous

I appointed Eric Hilton as co-chair of the 2018 Student Awards Committee (with co-chair and President-Elect, Chris Beachy). I appointed Lynne Parenti to act as ASIH rep for the Societies Consortium on Sexual Harassment in STEMM. I established an ad-hoc committee, with Carole Baldwin and David Hillis as co-chairs, to develop a list of ASIH members falling into 30, 40, 50, 60, and 70 year categories of membership in the ASIH, for Exec to view in Utah and to use as a platform for discussions about how to honor long-standing ASIH members at a variety of levels.

14. PPRE: Past President's Report – Brian I. Crother

I served as President through December 31, 2018, and have been Past-President since January 1, 2019. This report covers the time between the meetings in Rochester, NY and the present (24 July 2019). Rochester proved to be a welcoming city but the meetings were far from uneventful. We are looking forward to our coming meeting in Snowbird, UT.

After Rochester, I completed my term as President by completing committee assignments by the deadline of 31 December 2018 when my term ended. These assignments included changing the Diversity Committee co-chairs, installed new co-chair and replaced two members for ENFC, replaced two members in IHCC, added one each to the Gaige and Raney committees. Developed a new award (Margaret M. Stewart Achievement Award) for mid-career members and assigned a committee for it. The ASIH Diversity Committee is now a standing committee and will soon announce a 'Student Diversity and Inclusion Award'. I want to thank all the active committee members for their continued service and to new committee members for your willingness to help us carry out society business.

We finalized the JMIH Code of Conduct and hired an ombudsperson. For all that happened at the Rochester meeting, the ASIH and JMIH have become better and stronger because of it.

The role of the Past President is to serve as an *ex officio* member of the Nominating Committee, and I served with Abigail Berkey (the other herpetologist) to put the 2019 ballot together for both the Board of Governors election and the General Election. Again, I thank all those members willing to place their names on our ballots because the society needs your service.

15. PPC: Publications Policy Committee – W. Leo Smith

Publications Policy Committee (PPC) Meeting (11 July 2018: 2:00 pm)

Present: Catherine Bevier (CB), Don Buth (DB), Matthew Craig (MC), Matthew Davis (MD), Robert Espinoza (RE), Matthew Girard (MG), Cynthia Klepadlo (CK), Jacqueline Litzgus (JL), Karen Martin (KM), Dustin Siegel (DS), Katie Smith (KS), Leo Smith (LS), and Jacqueline Webb (JW)

Guest: President-elect Kathleen Cole (KC)

LS called the meeting to order at 2:01 pm and maintained recent meeting formats. LS projected an agenda, and the PPC worked through this list in an order that seemed appropriate. The meeting covered the items on this list and continued until all items were checked off. Several of the topics included discussion on related topics and, at times, topics were raised by the committee members and guest.

1. Welcome, introductions, and thanks

The meeting began with LS welcoming everyone to the meeting; this was followed by all individuals in attendance introducing themselves. LS thanked the Associate Editors (AEs) and editorial office for coming the PPC meeting and for another year of service to *Copeia* and ASIH.

2. *Copeia* topics discussed at EXEC

LS began by discussing topics relevant to the PPC from the EXEC meeting earlier that day. LS confirmed that appointed AEs are eligible for reimbursements for their membership and JMIH registration if they attend the PPC meeting. Further, appointed AEs are recognized as full voting members of the Board of Governors. Next, LS discussed the new 50-day open-access links for all published manuscripts, noted that in the first seven months that we had 5,000 downloads (most from a single paper), and that most papers get 50–60 downloads. DB asked if these linked articles had page numbers, and LS noted that these are the finalized articles with final layout and page numbers. This led into a discussion of ICZN (International Code of Zoological Nomenclature) compliance where LS confirmed that the online versions of *Copeia* are now fully ICZN compliant since *Copeia* petitioned the International Commission of Zoological Nomenclature to have BioOne added as a non-publisher repository (i.e., an appropriate entity beyond our publisher storing and serving the final publication PDFs with sufficient backup), and the ICZN approved it with the help of Dr. Richard Pyle. Next, LS discussed the changes former Editor Beachy made to the figure cost structure. Former Editor Beachy had implemented a \$500 speedy review credit. LS has now extended that policy so that AEs are also eligible for one \$500 figure cost subsidy per calendar year.

3. AllenTrack (manuscript and peer-review platform used with *Copeia*)

KC brought up the concept of having AllenTrack automatically send out warning notifications to reviewers that a review will be due soon. A discussion ensued about whether this was something that was desired, and the majority of AEs agreed that we should transition to this workflow. Next, we discussed what the preferred number of days should be before AllenTrack emails reviewers a warning. After discussion, the consensus was that there should be a friendly reminder at 25 days, a second reminder at 31 days, and a third reminder at 38 days. DS asked whether AEs could be copied on these emails, and LS confirmed that Allen Press could do this. CB asked what would happen if a reviewer requests more time. DS recommended just emailing reviewers to ignore automatic reviews in those comparatively rare situations. LS was charged with setting up a meeting with Allen Press to complete this AllenTrack change [LS and KS met with Allen Press in December 2018 and learned that AllenTrack will be transitioning to a new platform (PeerTrack), so this change will be implemented in 2019 after the platform transition]. DS raised the issue that occasionally reviewers ignore review requests for several to many weeks and then accept review requests after the ideal number of reviewers had already been assigned. KC noted that the system she uses for a different journal allows you to list reviewers and choose sequential standby reviewers. In that system, after a response is not received, the system assumes they are not available for review and then blocks the initial reviewer and invites subsequent reviewers. LS noted that AllenTrack can do this, but it has never been implemented.

LS then asked about any other AllenTrack issues. DB mentioned that when he receives the first review in for a paper, he looks at it and the system automatically switches the status to “AE review started” even though he is still waiting for other reviews. He expressed his concern that authors may believe that their associate editor is sitting on the paper. LS noted that he has seen this and that an AE can prevent this behavior by always having one more desired reviewer than the AE desires. LS noted that it shouldn’t require this, but it does prevent the automated response. DB then asked about the status of supplemental files and how they can be uploaded. LS described the benefits and limits of the *Copeia* supplemental site (<https://www.copeiajournal.org>) that former Editor Beachy initiated. For any manuscript with supplemental files, KS creates the pages and maintains the site overall. LS noted that all non-audio files on the site are limited to 20MB each. DB asked about how supplemental files are submitted, and LS noted that AllenTrack allows authors to upload any supplemental files. KC asked whether the editors look at them. LS noted that many AEs, LS, and KS at least look at them, but they are not copyedited and the figures are not examined by the illustration editor unless an author has requested help with the files.

4. Open access (bioRxiv, dissertations, green open access, and gold open access)

LS began the open-access discussion by noting that many funded authors can only publish in journals with options for open access, and these rules/expectations are frequently changing. This open-access preference is not only mandated, but it is often preferred by authors. Additionally, authors are becoming increasingly interested in depositing their manuscripts in pre-print servers such as bioRxiv (<https://www.biorxiv.org>) around the time of submission. Some authors will only submit to journals that have open access and/or open pre-print server options.

Green open access.—LS opened a discussion about formally allowing *Copeia* manuscripts to appear in bioRxiv or similar services (e.g., dissertations deposited in university systems) prior to acceptance in *Copeia* in any case where there are not conflicts with the ICZN nomenclatural rules. LS noted that *Copeia* gets numerous requests for this per year and has always approved them on a case-by-case basis. Similarly, LS has always approved “Green Open-Access” requests (or self-archiving) for depositing manuscripts that are in submitted form (i.e., not the final PDF version) in University or Institution Scholar Works or Digital Commons repositories. JW noted that universities frequently request these manuscripts and that many allow embargo periods to alleviate some concerns. A discussion followed among LS, JW, DS, KC, and RE whether *Copeia* could even prevent authors from using such services, and the fact that it would be a copyright violation for authors since the copyright is transferred to ASIH was noted. The discussion highlighted the differences between an author sending a copy of their PDF to an interested party vs. posting the PDF in a public repository or on their website. The discussion naturally ended with a general agreement that bioRxiv and green open access could help the reach of *Copeia* manuscripts and that anyone really interested in the study either before or after using the self-archived version would want the final PDF version, which would benefit the journal.

Gold open access.—RE began the discussion about “Gold Open Access” where the article in final PDF form is available for free on the various *Copeia* websites (i.e., BioOne, ASIH membership site, JSTOR). LS noted that it is under our control and there are no issues with Allen Press or BioOne as long as 50% or fewer of our manuscripts are open access. *Copeia* can turn open access on or off at our will for individual papers. LS asked, if we decide to have open access: How do we come up with costs? What goes into that cost? Total cost to produce? Do we take into account BioOne and JSTOR revenue? Do we take paper subscriptions into account? Do we make a profit or just cover costs? How do we approach this? Thoughts? DS suggested that the cost aim should be to break even. JW asked how much does a manuscript cost to produce? LS noted it was variable, but averages between \$1,750 and \$2,250. RE suggested that we charge between \$1,000 and \$1,500. JW noted that many journals (e.g., *EvoDevo*) charge closer to \$2,700. MD noted other models such as *Zootaxa* that charge \$25 per published page. RE noted that we needed a gold open-access version, but there is a lot to consider. DS urged us to give a discounted rate to members of ASIH. RE noted that authors that *need* open access are authors that have grant money, but he also noted that being on the lower range of the cost spectrum may encourage authors to submit to *Copeia* as a less expensive open-access option. JW asked if ASIH tweets all *Copeia* papers, and LS confirmed that we do. JW noted that the 50-day open-access link benefit needs to be on the ASIH website. LS noted that the editorial office is planning on presenting a poster at JMIH 2019 to highlight some of the changes at *Copeia* over the last several years to advertise the benefits of publishing in our Society’s journal. KM noted that publishing is changing and as open-access and online-only happen that memberships could decrease and revenue sources may change. DS highlighted that there is some disdain growing toward big, expensive open-access journals and that people are looking to society journals more. DS reminded everyone what former Editor Beachy always requested, which is for all of the AEs to talk up

Copeia, to submit our best work to *Copeia*, and to continue to consider and turn to this and our other society journals. At this time, LS asked for volunteers to work on a committee to assess possible cost structures for gold open-access and report back to the AEs and eventually EXEC. MC, MD, and JW agreed to serve on the committee chaired by LS.

5. *Copeia* statistics

DB was concerned about the reported rejection rates at *Copeia*. Under former Editor Johnson, an associate editor would have, for example 50 papers per year. As a new associate editor, DB received ten papers—these ended with five rejections and five revisions. The first five decisions were all rejections simply because rejections are finished before a final decision on revisions will normally be made. Because of this bias toward faster rejection times, there are a couple methods to calculate rejection rates: 1) track all papers in a given year to final decision; 2) count the number of papers accepted vs. rejected in a given year. He suggested that maybe we should report range of rejection rates. LS suggested that the 2017 acceptance rate may be artificially inflated by the symposium. [note: A paper by paper re-analysis as suggested as option 1 by DB was conducted across 2016–2018 by LS and, as suggested by DB, the rejection rates were much higher than AllenTrack's system was reporting. LS is not sure why the numbers are off by such a large amount. The revised numbers are reported in the Editor's Report and will be used going forward.] DB noted that some previous editors have had agendas regarding rejection rates. Before impact factors, better journals were identified by their higher rejection rate. At the time, a 50% rejection rate would result in a great reputation for a journal. DB noted that some people and journals manipulated this. In this day and age, DB noted that attitudes have changed. Now, we encourage submissions and impact factors have replaced rejection rates as the core metric. DS wondered if this could be a bit of an oversimplification and suggested that rejection rates aren't comparable. LS noted that some journals reject at each round of review even if the paper is encouraged to be re-submitted to the same journal until the paper is accepted. This artificially increases a journal's rejection rate and increases the number of new submissions. RE noted that this artificially decreases days from submission to publication too (i.e., the time a manuscript is in review). At this time, LS showed a slide of the impact factor vs. rejection rate in *Copeia* which showed that there is no correlation between our rejection rate and impact factor. [note: This lack of correlation is also true with the revised rejection rates using DB's option 1 noted above.] DB noted that a rejection is a rejection, but he felt that impact factors could be manipulated as well. LS noted that some zoological journals publish their animal care recommendations and their museum acronyms annually or bi-annually. Then, they require citations to the newest versions of these studies, which inflates journal impact factors because these will be cited many times per year and be guaranteed to be published within the timeframe used for an impact factor. LS noted that, in the context of the *Copeia* impact factor discussion at EXEC, the consensus was that EXEC didn't want *Copeia* to play any games to manipulate our impact factor.

6. Topical comments

KC raised the idea that *Copeia* could publish topical comments. KC emphasized that these would be for things of interest to the lay public that might be picked up by the news and could spread the word about *Copeia*. DB asked if KC viewed this as something like Perspectives in *Science*. KC noted that Perspectives are invited only. RE asked if these were more like news or comments. JW wondered if these could highlight actions taken by the Society. JW asked if this could be an output for substantive resolutions from our resolutions committees or items such as the upcoming frog-land use debate that is headed for the Supreme Court. KC and JW agreed that this would be topical and important. DS questioned whether *Copeia* was the correct venue for this type of material because it is quarterly. KC agreed that people see *Copeia* as a quarterly. DS questioned whether we have the correct readership and was concerned that the journal is just too slow for news items. RE noted that it would be hard to compete with an established weekly like *Science News*. JW wondered about press releases. LS had recently looked into it, and, after a \$5,000 membership fee, each press release costs \$300. At this time, LS didn't believe it was worth the financial burden. RE noted that we could use Twitter and other social media to almost act like a press release. At this time, the PPC felt that we should continue to think about ways to improve our reach and broaden our appeal and that, perhaps, the ASIH website would be a better venue for topical comments.

7. Page numbers

LS asked the PPC how they would feel if *Copeia* began to remove page numbers from articles like online-only journals such as *PLoS ONE*. He noted that this could prevent delays in printing. For example, all research articles in issue 1 are held up as we wait for award announcements, which begin the issue. RE asked about the impacts. LS believed that it would not be a huge problem, but he did note that it could be difficult for the index editors. DB noted that we could end up having a volume 110 with multiple instances of an article being pages 1–10. LS noted that other journals don't report the articles this way. The issue would be reported as, for example, 110: e2473 not 110: 1–10. ILS noted we still needed some form of page numbers for quoting and taxonomic concerns, but that they did not need to be unique as long as the articles themselves were uniquely identified (i.e., using systems similar to the BMC and PLOS systems such as the e2473 used above). LS felt this was a step toward our eventual electronic-only publication that has modest benefits now. DS agreed that we should take continual baby steps toward electronic-only publication. LS noted that print may still be profitable for *Copeia* and that he has no agenda to remove the print version of the journal. He did note that moving to electronic-only could remove bottlenecks from early access and would allow articles to be published earlier (even if just one to two weeks). LS ended this topic by asking if anyone was horrified or opposed to removing page numbers—no one was opposed. There is no rush to implement this, but LS will continue to discuss this with Allen Press.

8. Graphical abstracts and research summaries

LS noted that a lot of *Copeia* submissions have either no figures or figures that are not good for social media. Should *Copeia* follow the trend of some other journals and request, or possibly mandate, graphical abstracts? JW suggests that it is not a bad idea because she uses graphical abstracts as a quick check about the possibility of a publication being a good paper for teaching. KM suggests that physiologists who are known for their graphs could use this as an opportunity to show a person using an instrument in the field. CB is interested because it helps people understand what scientists are doing. LS reiterated that it is sometimes a struggle to find a compelling image for Twitter, and we can see the impact of poor imagery in our download statistics. CB suggested that we also consider lay summaries. LS agrees that this would be a good idea. MG noted that while thumbing through Twitter, high quality graphical abstracts can catch your eye, which is the whole point. LS confirmed with PPC that this would be good to add to the submission process (as a suggestion, not as a mandate). This was subsequently implemented in AllenTrack.

9. Reviews

RE asked about whether *Copeia* should consider sanitizing reviews when reviews are nasty or personal. LS said that he has removed sentences on one occasion from a review. He noted that he did it without consultation with the reviewer. LS notes that the reviews have not been overly personal so far. DS reminded everyone that a common science tweet is quoting reviews when an author feels the critique was personal. He noted that these tweets and reviews can make a journal look sexist or have other undesirable effects. RE noted that extremely negative reviews will prevent authors or Twitter followers from coming back to a journal. CB highlighted that differences in opinion are okay, but no personal attacks. LS confirmed that he will continue to remove offensive sections of reviews if he recognizes them or if recommended by an AE. RE suggested that we might want to send the review back to the reviewer in these cases, so that they can learn from their mistakes. RE reiterated that *Copeia* still has a historic reputation as being a bit overly critical and personal and that we need to change this perception.

At this time, we concluded with all the planned and new topics. It was a good meeting. LS ended it by handing out various ASIH and *Copeia* swag to those in attendance. The meeting was adjourned at 4:36 pm.

16. ENFC: Endowment and Finance Committee – Adam Summers and David Hillis

In attendance: Adam Summers (2017-2022), David Hillis (2018-2023), Norma Salcedo (2015-2020), Douglas Martin (Treasurer and ex-officio member of the committee), Katherine Maslenikov (Treasurer designate), Deanna Stouder (co-chair, Long Range Planning and Policy Committee), Robert Espinoza (co-chair, Long Range Planning and Policy Committee)

TOPICS OF DISCUSSION AND MOTIONS

The meeting came to order with Summers and Hillis chairing. We approved the minutes of the 2017 meeting and moved on to the report from the treasurer. The report itself revealed the society to be in sound financial position with little to query the treasurer about. Hillis requested a report from the treasurer on the fees associated with the various funds the society uses for our endowment and operating expenses.

The membership income line in the treasurer's report spurred a discussion of what we could do to increase life memberships. We brought up the idea of identifying potential life members and also doing more to recognize life members at the meeting. This last was passed on the executive committee at the end of the meeting.

Since the society is in good financial order the idea of eliminating or reducing the registration fee for retired life members. A motion was made that we propose to the executive committee that life members pay only the student rate after age 65. It was passed. A motion was made to recognize life members by adding 'Life Member' status to the name tags at the meeting. It also passed.

The financial discussion moved on to using endowment income for the general fund expenses of the society. The committee considered whether there should be a limit on the funds moved, and also the possibility of devoting some of those to a regular contribution to the Gaige and Rainey funds. We propose that some of the cash in our general funds be moved to investment vehicles.

The committee asked whether our administrative structure was growing. Are we paying for more positions now than we have in the past. It seems the answer is no. We have paid for the production editor at Copeia, to generate the JMIH program and for computer consulting work for web design. This does not appear to be a concern, but we should keep an eye on it.

The issue of what we might do with funds deriving from increased life memberships or other fundraising campaigns. We could pay for invited speaker expenses, give more grants to students, pay for hotel rooms for students (as SICB does), and increase the Gaige and Rainey prizes.

To aid in future fund raising we need to ask 'what is the financial history of the society and what is our goal?' We should be better stewards of our members. For example, we should send letters to all award winners a letter explaining the genesis and history of the award. We should make a strong statement about the breadth and diversity of people who succeed in our field, with special attention to career paths other than academia. We should make an effort to identify members who have succeeded outside academia. We should also add a request for 'transitions' to the dues notice. That is, life changes that may bear announcing to the membership - for example hirings, career milestones, and retirements.

Going forward the committee wants the treasurer to regularly report on fund fees and structure. For the next year the executive committee should top off endowments that pay out more than their income (Gauge for example). The exec should ensure that the tax exempt status of the society is maintained and also that non-members can donate to ASIH from the web page.

The meeting of the ENFC was adjourned.

17. EXEC: Executive Committee – Prosanta Chakrabarty

The Executive Committee (EXEC) was led by President Brian Crother in 2018. We were an active committee under the leadership of President Crother and voted on several important issues as follows:

In January, the EXEC voted to pursue creating a JMIH-wide Code of Conduct put up for a vote by Bobby Espinoza (with the already approved ASIH CoC as a template). We also had a discussion about hiring an ombudsperson for future JMIH meetings. In February, the Exec voted to pay for an expanded marketing campaign for renewals via Allen Press. In March, the Exec approved providing funding (\$5K) to the Names of Fishes Committee to have an external meeting in Gainesville, Florida and to provide subsidized childcare (\$5K) at JMIH18 so that the cost to parents would be only \$5 per hour. In May, we voted to make the Diversity Committee a standing (versus ad hoc) committee, and to allow lifetime-award-committee members (e.g., Gibbs) to serve without a Ph.D. – these items were then moved on to the Board of Governors for approval (they also passed these measures).

In June, the Exec voted to provide a cost-of-living raise to the Production Editor and to “consider an annual increase commensurate with the federal COLA.” We also voted to provide Nazareth College student volunteers with tickets to the closing event at JMIH18 and on-line student subscriptions to *Copeia*. In July, the Exec voted to provide \$5K for a symposium recognizing professional women in herpetology at JMIH 2019 to be run by NSF Program Officer Leslie Rissler. We also moved to refund BAI for expenses they incurred during their transition to becoming our new meeting management company. The Exec also approved an email sent to the ASIH membership with the following text on July 25:

Dear Members of ASIH,

Thank you all for your membership and continued support. The 98th meeting of our society in Rochester, New York was a success thanks to all of you, our local hosts (Brian Witz, Nazareth College, and the city of Rochester), and our meeting’s management company (Kansas State). We know that there were a number of issues that were raised at the JMIH that we need to address that are long overdue. We are listening to the many ways our members have suggested we can make the Society and JMIH better. We know that for many of you the meetings have been a positive experience to learn, to discuss your work, and to socialize with like-minded ichthyologists and herpetologists. We also know that for some of you the experience has not been ideal because of the behavior of other members. Please know we are working to create a safe and inclusive environment for all our members.

These are the actions that we have already done or will have done by JMIH2019:

1. We are working with the other JMIH societies to expand the already passed ASIH Code of Conduct to cover all JMIH attendees with a new joint Code of Conduct that will have explicit guidelines for proper conduct, a clear protocol for assessing breaches of the Code of Conduct, and consequences for violations of the Code of Conduct at our annual meetings.
2. We are in talks with several ombudsmen services. The chosen service will provide a trained professional that JMIH attendees who experience harassment, discrimination, or other CoC violations can contact outside of the ASIH membership. This professional will independently evaluate and help us enforce our Code of Conduct.
3. We are adding a new Mid-Career Plenary Award starting in 2019, and we are looking into ways of changing the format of our lifetime achievement plenary awards to better represent our diversifying Society.
4. We have made our Diversity Committee a standing committee (rather than an ad-hoc committee), and they are working on several initiatives to make our meetings more diverse and inclusive.
5. We will continue to send out our annual Diversity Survey to measure the changing demographics of our Society and to help us better address our ability to recruit members from diverse backgrounds.
6. We have provided funding for a symposium for next year's JMIH that will highlight the work of women herpetologists.

As the details of these activities emerge, please feel free to reach out to the [ASIH Executive Committee](#) to provide any feedback, advice, or concerns you may have.

In August, the Exec approved obtaining liability insurance for JMIH and to pay legal fees to review our draft JMIH-wide Code of Conduct. In October, the Exec voted to reimburse the Figure Editor for an annual subscription to Adobe Creative Cloud (\$360 a year). We also voted to hire the ombudsperson from BAI and to pay for them to attend JMIH19 (\$5K total cost). In October, we also voted to pay the increased cost of an auditor in Washington State (estimated \$11K) because the ASIH Treasurer's office has moved to that state. We also voted to officially create a new mid-career achievement award named after Margaret M. Stewart. In December, the Exec passed a resolution to accept the new JMIH-wide Code of Conduct.

This year we sadly report the passing of: Harold Abraham Dundee (August 9, 2018), Charles William Myers (September 4, 2018), Robert Gravem Webb (September 18, 2018), William Roy "Bill" Branch (October 14, 2018), Carl H. Ernst (November 3, 2018), Kenneth V. Kardong (December 2, 2018), Richard Emmett Etheridge (January 14, 2019), Javier Maldonado (March 5, 2019), John Bolt (April 7, 2019), Timothy Richard Halliday (April 10, 2019), Robert Inger (April 12, 2019), Samuel "Sonny" Gruber (April 18, 2019), Dave Sever (April 19, 2019), Arne Schiøtz (May 11, 2019), Joe Mitchell (July 2, 2019).

Our condolences to the colleagues, families, and loved ones of those who have passed.

18. GFAC: Gaige Fund Award Committee – Anna Savage

The Gaige Award committee (Anna Savage, Sara Ruane and Nancy Karraker) reviewed 38 complete applications for the 2019 Gaige Fund Award. The committee was impressed by the diversity of research topics represented in the proposals, the strength of the proposed projects for advancing herpetological research, and the qualifications of the applicants. The committee agreed that awards of up to \$900 (depending on the amount requested) would be made to each of the top nine applicants.

The 2019 award recipients in alphabetical order are:

- **Justin Agan**, Oklahoma State University, "Potential temperature override of genotypic sex determination in *Crotaphytus collaris*" (\$900)
- **Nicholas Buss**, Binghamton University, "Costs associated with the evolution of tolerance to contaminants; amphibians, salt and disease risk" (\$500)
- **Michael Itgen**, Colorado State University, "Cell size evolution mediates simplification in organ morphology" (\$900)
- **Dylan Maag**, San Diego State University, "How do ecological traits mediate hybridization dynamics? A case study of free-ranging prairie (*Crotalus viridis*) and Mojave (*Crotalus scutulatus*) rattlesnakes across a hybrid zone" (\$900)
- **Katherine Martin**, University of Central Florida, "Using gene expression to disentangle the interaction of disease and environment in the immune responses of disease-challenged sea turtles" (\$900)
- **Kenzie Pereira**, Duquesne University, "Effect of stress on disease in amphibians exposed to the chytrid fungal pathogen, *Batrachochytrium salamandrivorans*" (\$900)
- **Jackson Roberts**, Louisiana State University, "Did islands select for bufotoxin resistance in undescribed snakes of Papua New Guinea?" (\$900)
- **Trevor Ruppert**, California State University, Northridge, "Identifying the physiological limitations to dispersal and persistence of an invasive Southern Californian amphibian (*Xenopus laevis*)" (\$900)
- **Veronica Urgiles**, University of Central Florida, "Molecular and phenotypic diversification of a cryptic clade of terrestrial frogs in a high-altitude tropical hotspot" (\$900)

19. GSPC: Committee on Graduate Student Participation – Kim Foster

Committee on Graduate Student Participation (GSPC) Business Meeting
14 July 2018
12:00 EST

Present: M. Gifford (MG), N. Savant (NS), O. Lustine (OL), J. Bynum (JB), A. Gruskiewicz (AG), M. Harmel (MH), H. Neldner (HN), A. Litmer (AL), K. Hecht (KH), C. Fuentes (CF), R. Sterp (RS), A. Babineau (AB-1), K. Vazquez (KV), S. Hyder (SH), J. Hartley (JH), R. Maranez (RM), B. Perrera (BP), A. Krolow (AK), A. Flemming (AF), J. Erdmann (JE), A. Rupp (AR), C. Campell (CC), F. Wen (FW), Z. May (ZM), D. DeArmon (DD), H. Plylar (HP), W. Walkowski (WW), D. Wasserman (DW), L. Crawford (LC), R. Clemons (RC), A. Belasen (AB-2), A. Sumarli (AS), D. Yiu (DY), J. Gardner (JG), J. Kattawar (JK), and C. Atta (CA).

Guest: ASIH President Brian Crother

Chair Girard called the meeting to order at 12:08PM and thanked all who were in attendance. MG welcomed President Brian Crother who expressed gratitude to all present for being involved in the society, which he said is important for the continuation of the society. He reminded students to come to the ASIH Business Meeting later in the evening. He then opened up the floor for any and all questions the graduate student attendees had. The discussion lasted for approximately 20 minutes, with students asking important questions about recent events at JMIH.

One student asked what President Crother's favorite herp was and he excitedly revealed it was a Gopher snake from southern California that bit him! In response to another question about the size of this meeting in comparison to last years, President Crother said the Rochester meeting is much smaller partially because the American Elasmobranch Society is not co-hosting and partially because of the location in Rochester. In the same vein, a student brought up a concern that the Snowbird location of the 2019 meeting would price out many students and/or faculty. President Crother was asked if he had any suggestions for cheaper housing in the area. He did not know anything about the venue and mentioned that there would be a presentation about the 2019 meeting at the Business meeting.

The conversation then transitioned to a lengthy discussion about the controversy surrounding Herpetologist's League awarding and subsequent rescinding of the Distinguished Herpetologist Award to Dick Vogt due to the inappropriate images in his plenary presentation. A student asked if Vogt would be allowed at future meetings, and President Crother said that the society does not have legal authority to ban him, but that they are working to get this event documented writing. We have been told about his misconduct before, but it has never been put in writing.

DW then asked what would happen if Vogt had been recorded menacing students at this conference? President Crother responded that the societies have been working on making a code of conduct and this is a way to handle complaints as well; unfortunately, no one can process complaints now because there may be liability issues regarding no written rules before the incident. They have also been in touch with a professional ombuds person, a professional who is able to legally address these issues, to have onsite at next and subsequent meetings. ASIH executive committee is working hard on the Code of Conduct and making sure to enforce these policies.

Another student asked if in reaction to the incident, are the societies working together to release a joint statement? President Crother replied that each society is working on their own since there is no “blanket committee” to represent all societies. However, this type of blanket committee is in the works and they are about a year away from implementing it. The Herpetologist’s League did release a statement last night and rescinded the award from Vogt.

AB-2 asked if another inappropriate incident happens, will Vogt be banned? She made a point that it has already happened again at the meeting. President Crother reiterated that nothing can be done, especially a banning, without an approved Code of Conduct, otherwise there may be legal suits put against the JMIH societies. In fact, Vogt may sue the JMIH planning committee citing violations of First Amendment rights since there was a censoring of his talk without his prior permission or knowledge.

AB expresses that Vogt is a sexist. HP added that she was very frustrated at the fact that media coverage was focusing on how women’s bodies were portrayed but that that is not the main issue at hand, the main issue is that Vogt was acting inappropriately and needs to be reprimanded. President Crother responded that it was the cleanest talk from Vogt he’s seen and that the censorship was due partially to his well-known history.

Another student asked what steps should be taken if someone at a meeting feels uncomfortable and/or unsafe. President Crother replied that the person should go to a Code of Conduct officer and go through legal procedures with the ombudsman. If there is physical harm, the officer will call the police. AB-2 expressed discontent at the fact that physical harm was considered completely unacceptable but sexual harassment was dealt with less seriously. President Crother reassured that the Code of Conduct and all processes will be in place next year.

With that, MG thanked President Crother for his time and attendance and moved on towards the discussion portion of the meeting.

Old business was brought up first, and then new business. MG reminded attendees that Robert’s Rules would be followed. The discussion lasted approximately an hour and ten minutes, covered old and new business topics and most attendees contributed their thoughts.

Old Business:

1. Graduate student health
MG wants to congratulate students for keeping themselves healthy and safe this year at JMIH. No grad student oral presenters fainted this year!
2. Collections
No complaints this year about collection acknowledgements. MG thanks students for their due diligence. Although there are some existing resources available there is room for growth in this resource; JE is working on a collections based wiki page to gather documentation on collections that suits our needs more.
3. ASIH Student Facebook Page
There was a discussion on increasing the visibility of the ASIH grad student Facebook page, especially for purposes of finding JMIH roommates. MG said that this will be the responsibility of the Web Content chair. JE suggested a forum hosted by the society since some students do not have Facebook; MG reminded attendees that our current charge by the policy and procedure manual says that we need to maintain the Facebook page, though we could bring it up in the future. DE also asked if there is a list of all grad student members. MG said there is one that the committee has been working on but its based on registration, doesn't take into account late registration and does not roll over information from past years. This would be a useful resource but its difficult to keep it updated each year.

New Business:

1. New JMIH organizer for JMIH 2021 onward → Birken Associates [*Secretary Chakrabarty note - this should be written, Burk and Associates or BAI*]
MG revealed that Birken Associates will be organizing JMIH after the 2020 meeting. Adam Summers has worked with them before and they've also previously organized the Society for Integrative Biology meeting. We expect meetings to be more organized in the future as Birken Associates is an organization specializing in event planning. All meetings in the future will be using Marriot properties.
Upcoming meeting schedule:
2019: Snowbird, UT
2020: Norfolk, VA
2021: Phoenix, AZ
2022: Spokane, WA
2. ASIH Student Award Update
Stoye and Storr awards will be changed to include a separate category for studies on ecology.
3. Host socials
MG mentioned that host socials (like Nazareth's social tomorrow evening) often require a ticket purchase separately from normal JMIH registration. To make these social more inclusive, there will no longer be a separate cost to attend these host socials. MG confirmed that this is for everyone and will likely be included in registration cost.

4. Student Research & Travel Awards
MG revealed that Gaige & Rainey student research awards there is now \$8,000 available instead of \$3,000! Chances for awards have increased and MG encourages students to apply! MG also said the funders of the Clark Hubb's travel awards want to remind students that that if they received an award they should write "Clark Hubb's Travel Award" instead of "ASIH Travel Award".
5. Upcoming JMIH-wide CoC
MG re-introduced the cross-society CoC introduced by President Crother at the beginning of the meeting. ASIH student committee also wants to ensure that all feel included and that this kind of incident does not occur again. MG goes on to say that personally he would like to change the perception of herpetological societies as well. This kind of behavior has been happening for years in the field and it is time we address it. MG wants to make this environment collaborative and inclusive and a friendly atmosphere for all.

No further comments from attendees.

Committee & Chair Updates:

1. Book Raffle Committee
MG congratulated JE, AF, and CW for an excellent job with the book raffle and their respective committees. Book raffle will close at 5PM and MG reminded all that all winners need to pick up their books at the meeting, nobody will be sent their books. MG also reminded attendees present to put in your raffle tickets! CW commented on how the location of the book raffle this year is quite circuitous and difficult to find. CW only found out where it was because of a video on AF's twitter. The book raffle committee revealed may be good to get meeting organizers to announce one last time that the book raffle closes on Saturday not Sunday.
2. Social Committee
CW, the Social committee chair, said the event was very successful, there was good turnout. Still uncertain who won, but that's a discussion for another time!
3. Workshop Committee
AF advertised that that workshop is on Sunday from 12 to 1:30pm, lunch will be served. The workshop is a very informal panel with very interesting professionals and professors. The topics covered will be: how to get a post-doc or fellowship, how to get a job right after your masters, jobs in collections. The panel last year was great, and this year she expects it also to be useful to students.
4. Conservation Committee
CC had nothing to add.
5. International Student Liaison

DE had nothing to add.

6. JMIH Liaison

CW was the liaison last year. She described that they want to have a joint social hosted by all societies. Whoever takes over the social chair position should start planning ASAP. JE mentioned that even if it is not a joint social, the separate socials should not occur at the same time.

7. ASIH Ad-Hoc Diversity Committee

Last year ASIH Executive Committee created an ad-hoc diversity committee and this year they formally ratified the diversity committee. It was a fairly informal committee last year, AF and NS were added to the emails because they expressed interest last year, but it is not exclusive.

They proposed and got approved a diversity travel award for students from underrepresented groups. They may announce it at the BAM meeting later this evening, but it is uncertain DE asked if there would be an award to include international students. AF and NS said they did not explicitly state which groups since they want students to self-identify in their application since many forms of diversity may not be visible. MG reminded all it is their charge to define who and what they are and what the inclusiveness is. One student suggested adding disability. MG suggested that this ASIH student committee have a formal grad student liaison for the ASIH diversity committee.

AF put a motion forth that a position for grad student liaison for ASIH diversity committee be created. CC seconded the motion. The charge for the definition of this committee was described by MG: One student will be nominated to serve a year-long term. They will be responsible for being a student representative and fulfill the duties of an equal member of diversity chair. JE mentioned that for the diversity travel award, since members of the committee cannot receive the award, perhaps the student could also be involved in the selection, but this fact was not added to the charge. JE motioned to vote and the motion passed unanimously.

8. ASIH IHCC Collections Workshops

JE asked for people's thoughts on the workshop this year. DE said he found it very useful, good information overall. Collections committee also thought it went well and would like to have it every year. ZM suggested that pamphlets be handed out in the future. AE felt that there were two places where collections were mentioned at JMIH this year and that may have confused people. JE clarified that technically this was an IHCC workshop, but the attendees were mostly students, though there was some overlap.

9. 2019 Workshops

AF asked for feedback or suggestions for 2019 student workshop topics. ZM suggested a workshop where first time or newer JMIH attendees can learn how things work and what to expect. MG agreed that an introductory workshop would be helpful. Outside the speed networking session, perhaps we can have a "how to navigate JMIH" workshop. CW also mentioned the SSAR mentoring program,

and that she has found it very helpful though in the past couple of years many people have signed up but many haven't been properly paired up. Perhaps we could have a joint ASIH-SSAR mentoring program? AF said that if we are to have a "how to navigate JMIH" workshop, it should be moved earlier in the conference schedule. CC thinks that all the workshop committees should communicate more so that there is no confusion.

Election of 2018 SPC Officers

At 13:03, once all discussion topics had been covered, MG moved on to the elections of the 2018 officers and committee members for 2018. He explained that there is no previous experience necessary to be nominated for a position, *except* for the Chair-elect who needs to have served on a committee before being nominated. You are allowed to self-nominate. Being an officer or on a committee is a great way to get involved and doesn't involve a ton of work, with the exception of the Chair position which will be taken by Kim Foster for 2019. As each position was elected, MG and current position holders were asked to briefly describe their positions and responsibilities. After these responsibilities were understood, nominations and voting for 2018 officers and committee members took place. Election results were as follows:

Chair-elect: Adaina Flemming was elected with 22 votes (Helen Plylar was not elected but received 4 votes).

Secretary: Helen Plylar was elected with 12 votes (Courtney Weyand was not elected but received 8 votes).

Workshop Committee

Chair: Whitney Walkowski was elected unanimously (James Erdmann was nominated but withdrew his nomination).

Committee members (4): Cooper Campbell, elected unanimously. Adiana Flemming, elected unanimously. James Erdmann, elected unanimously. Heather Neldner, elected unanimously.

Book Raffle Committee

Chairs: Helen Plylar, elected unanimously. Florence Ngyuen, elected unanimously.

Committee members (3): Cooper Campbell, elected unanimously. Jonathan Bynum, elected unanimously. Ally Litmer, elected unanimously

Clark Hubbs Student Travel Award Committee

A.J. Turner requested to retain his position, elected unanimously.

Web Content and Management Committee

Anat Belasen, elected unanimously.

Conservation Committee

Brooke Perrera, elected unanimously. Cooper Campbell, elected unanimously. James Erdmann, elected unanimously.

Social Committee

Chair: Courtney Weyand, elected unanimously.

Committee members (2): Ariana Rupp, elected unanimously. Elyse Parker, elected unanimously

JMIH Liaison

Elyse Parker, elected unanimously.

International Student Liaison

Diego Elias, elected unanimously.

Following the conclusion of the nomination and voting for 2018 officers and committee members, CC motions to adjourn and the meeting adjourned at 13:33.

20. HSFC: Henry S. Fitch Award Committee – Patrick T. Gregory

Committee: Patrick T. Gregory (Chair), Maureen A. Donnelly, Emily N. Taylor

The *Henry S. Fitch Award for Excellence in Herpetology* recognizes outstanding contributions in herpetological research, with secondary emphasis on educational and service contributions to herpetology. Nominations for the Fitch Award remain active for up to three years, after which candidates can be re-nominated. We had six nominees to consider for the 2019 award: four carried over from previous years, one re-nomination, and one new nomination. All nominations were supported by strong letters of recommendation and excellent CVs. Following discussion, we reached unanimous support for one outstanding nominee, whose identity will be revealed when the Fitch Award is presented at JMIH in Snowbird, Utah.

21. JSNC: Joseph S. Nelson Award Committee – Bruce Collette

The committee for 2019 was comprised of Bruce Collette (Chair), Brian Sidlauskas, and John Lundberg. Nominations and supporting materials were distributed to the committee in advance of a discussion in April during which the committee successfully concluded its deliberations and chose the awardee. This year's winner will be announced during the plenary session of the 2019 JMIH meetings in Snowbird, UT. A full page feature in *Copeia* will include a photo of the winner and the transcript of the award presentation to be delivered at the JMIH meeting in July 2019. The committee urges ASIH members to identify future worthy recipients of the Nelson Award and send nominations to Brian Sidlauskas, Chair of the committee for 2020.

22. LRPP: Long-Range Planning and Policy Committee – Robert E. Espinoza and Deanna J. Stouder

ASIH Past-President Donnelly appointed Espinoza and Stouder co-chairs of the Long Range Planning and Policy Committee (LRPP) in 2017. Additional members of this committee include: Larry Allen, Eric Hilton, Carol Johnston, William Ludt, Shab Mohammadi, Margaret Neighbors, and Rocky Parker.

Last year LRPP completed a major overhaul of the ASIH Policy and Procedures Manual (PPM), which was delivered to EXEC in spring 2018. In keeping with our recommendation to have LRPP annually review the contents of the PPM to ensure it is correct in practice and policy, as well as up to date, LRPP met at JMIH in 2018 and identified minor revisions and few additions that needed to be incorporated. These have yet to be completed, but should be included in the latest PPM prior to the JMIH 2019 in Snowbird, UT.

Other projects initiated by LRPP in 2018 were completed or are at various stages of development or under review by other ASIH entities or external groups.

- (1) **JMIH Code of Conduct**—From 2017–19, Espinoza, who had drafted the ASIH Code of Conduct (approved by BOFG in February 2017; https://asih.org/sites/default/files/documents/about/asih-code-of-conduct_2017-02-13.pdf) served as the ASIH representative on a JMIH-wide committee tasked with developing a JMIH-wide Code of Conduct (CoC). That document (http://asih.org/sites/default/files/2019-01/JMIH_Code_of_Conduct_2019-01-23.pdf) was approved by all JMIH-member societies in January 2019 and was included with the registration materials for JMIH 2019. Specifically, all JMIH participants will be required to agree to abide by the JMIH CoC to register for all future meetings.
- (2) **Formalizing Procedures for Establishing Cross-Society Policies**—The desire to establish a JMIH-wide CoC revealed that ASIH lacks formal procedures (or even a list of best practices) for introducing ideas that are envisioned to evolve into policies affecting other JMIH-member societies. In 2017, LRPP decided to create a process for routing and approving new ideas with our partner societies. We have yet to make progress on this task, but we intend to revisit this idea in 2019 following completion of the JMIH CoC.

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

MMPC REPORT – SNOWBIRD, UTAH

The Joint Meeting of Ichthyology and Herpetology (JMIH) Meeting Management and Planning Committee (MMPC) met 11 April 2017 through 13 April 2019 at Snowbird Ski Resort on the outskirts of Sandy, Utah. Committee members: Marty Crump (Program

Officer), Marlis Douglas, David Green, Henry Mushinsky (Chair), Kyle Piller, and Dustin Siegel. Cara Richardson (Kansas State University) arranged the meeting. Societies participating in the 2019 JMIH include the American Society of Ichthyologists and Herpetologists (ASIH), the Herpetologists' League (HL), the Society for the Study of Amphibians and Reptiles (SSAR), and the American Elasmobranch Society (AES).

The majority of meeting goers will get to Snowbird by flying into Salt Lake City International Airport, with a short ~45 min shuttle ride to the resort (\$64/person roundtrip; <https://conferences.k-state.edu/jmih/lodging-travel/transportation/>). If driving, I-215 to Wasatch Blvd to Little Cottonwood Road (210) is really the only option to get to the resort. It is a really nice drive with pleasant mountain scenery.

At the MMPC planning meeting the representatives from each society constructed the schedule, viewed all of the venues/facilities at Snowbird, and discussed future meetings and society business as it relates to JMIH. Below is a report from our meeting, what to expect at JMIH 2019, and our experiences at Snowbird.

I. Venue

a. Good

- i. *Accommodations.* – The accommodations at Snowbird are first class. MMPC members had zero complaints; however, booking can be a little confusing and intimidating. We suggest calling Snowbird to make sure that you are receiving everything that you want in a room. A summary of available rooms and pricing for JMIH has been attached to the end of this report; however, this is not an exhaustive list, and does not include rooms at the Lodge at Snowbird (the number of rooms available per day is rather meaningless; call to check for availability). Accommodations are confusing at Snowbird because many of the rooms are modular; e.g., you can book a studio, a studio and the adjacent room, or a studio and two adjacent rooms. Many of the rooms at the Lodge at Snowbird (not on attached summary) possess refrigerators, microwaves, and ovens. Some of the rooms at the Lodge possess patios with hot tubs. Basically, there are lots of ways to mix-and-match rooms if traveling with larger groups, and there are lots of perks that vary between rooms and locations. Unfortunately, because of the modularity of the rooms, all of these options are not easily identifiable when booking online. For an overview of the rooms, please visit the Snowbird website: <https://www.snowbird.com/lodging/>

Each room requires a \$10 resort fee. This is NOT a per person fee. Because Snowbird strives to be environmentally friendly, the resort offers \$10/day if you refuse daily custodial services.

For \$15/day, meeting goers staying at the Cliff Lodge can gain access to the spa. The spa provides a much larger gym and a pool/hot tub that

are restricted to individuals over the age of 16. If participants book a “spa” room, this \$15/day charge is covered in the room expense. Any spa oriented activities (besides the gym and pool/hot tub) require additional cost, which includes the daily spa fee.

- ii. *Opening social at Snowbird.* – The opening social at the 2019 JMIH will be held at the Cliff Lodge Tent and Terrace. Food and drinks will be provided buffet-style. Each attendee will be provided two drink tickets (sorry, no open bar this year), which can be redeemed for alcoholic or non-alcoholic beverages. The local hosts are currently pricing entertainment (local band). If booked, the local band will be situated at the back of the tent, providing ample areas in the front of the tent and terrace area for socializing. The pool at the Cliff Lodge overlooks the tent and terrace areas, but access through the Cliff Lodge is required to go from one location to another.
- iii. *No-host social.* – Similar to the meetings in New Orleans, Austin, and Rochester, a no-host social is scheduled for the first night of the conference (24 July 2019) at the “Rendezvous” (located in the Snowbird Center), and will feature an “open mic.” All kinds of instruments and a sound system will be available so that Kyle Piller et al. can do their best Sebastian Bach impersonation...and no, not the classical Sebastian Bach. The no-host venue is not as big as in previous years, but has direct access to an outside patio where a bar will be stationed that accepts a variety of credit cards.
- iv. *Food/beverage/shopping.* – Snowbird provides a variety of dining options from smaller cafés to 5* dining. When purchasing alcohol, keep in mind that all draft beer is 3.2% Abv. Many bottle options are also only 3.2% Abv. Menus at all the eateries indicate the bottled beers they sell that are higher than 3.2% Abv. Prices of beers are generally \$5 for a draft microbrew and \$3.50 for a draft Pabst Blue Ribbon. Higher percentage Abv drinks can climb beyond \$6 a bottle. For a list of dining options and prices, follow this link:
<https://www.snowbird.com/dining/>

Considering Snowbird is a mountain ski resort, there are numerous shops for your every-day needed items, which can most accurately be described as small-scale pharmacies. These shops carry food, drinks (alcoholic and non-alcoholic; one has a liquor store), medication, portable oxygen tanks, tobacco, personal hygiene products, etc... Of course, prices are slightly higher than your typical CVS pharmacy, but you should have no need to leave the ski resort for emergency supplies. There are also numerous souvenir shops, and we assume that many meeting attendees will leave with t-shirts branded with the Snowbird emblem.

- v. *Childcare.* – All four participating societies dedicated funding to highly subsidize childcare at JMIH at Snowbird. If you are a member of ASIH/HL/SSAR/AES, you may have received an informational email already. If you are not a member or did not receive the email, the information is provided at the end of this report.
- vi. *Sites/things to do.* – If you have never been to Snowbird, the landscape is magnificent. One MMPC member actually commented that attendance in breakout sessions might be lower than usual this year. In July, you should expect beautiful sunny skies, fluffy white clouds, and wildflowers scattering the mountainside. There are miles of hiking trails at the resort that should give meeting attendees ample opportunities to refine their landscape and macro photography skills. The elevation was not as challenging on oxygen uptake as some MMPC members originally thought it would be, but it was definitely evident when walking up-hill. If the altitude bothers you, be sure to purchase a portable oxygen tank at one of the many Snowbird shops. If you easily suffer from altitude sickness, remember to bring your prescription.

Beyond the natural landscape, Snowbird offers vacationers a bevy of summer activities, including bungee jumping, an alpine slide, a mountain coaster, a ropes course, etc... Please visit the Snowbird website for hours and cost of summer activities:

<https://www.snowbird.com/summer-activities/>

If you get cabin fever in the mountains, Salt Lake City is only 26.6 miles up the road. As THE major city in the state of Utah, Salt Lake City offers all the amenities of any other major city, including bars, shopping, tattoo shops, etc...

- b. Be aware
 - i. *Food prices.* – MMPC members noted that many of the cheaper dining options close early, at least during the winter months (6pm). This leaves very few dining options available that provide entrées under \$19 for dinner. We have requested that the cheaper dining options remain open for a little longer during our stay but, at present, we have no confirmation if this is possible. If money is tight, be mindful of this, and consider eating dinner early, purchasing food to eat later, or preparing your own food in your hotel room. All rooms at the Lodge, Cliff Lodge, and Inn include a small refrigerator, and some of the modular options at the Lodge are equipped with a microwave and wet bar, and a few have fully equipped kitchens (large refrigerator, stove, dishes, utensils, pots, etc...). However, the number of rooms with

fully equipped kitchens is limited; we encourage you to book soon if indeed you want a room with a full kitchen.

To help point participants in the direction of cheaper food items, Marty Crump and Al Savitzky created a list of more affordable food items, and that list can be found attached to the end of this report.

- ii. Canyon Transportation (one of the shuttle providers) is willing to make grocery-shopping stops on the ride from Salt Lake City airport to the resort – if all travelers are in agreement to make such a stop. We recommend that you team up with others interested in a grocery stop when booking your shuttle (van capacity = 9 travelers).
- iii. *Meeting room separation.* – All of the herpetology-themed talks have been placed in meeting rooms at the Cliff Lodge. All of the ichthyology-themed talks have been placed in meeting rooms at the Snowbird Center. Thus, if interested in topics on both fish and slimy/scaley tetrapods, a short walk (~5 min) is required to move from one venue to the other. Look at the bright side – it gives you the opportunity to admire the scenic landscape and smell the fresh mountain air. Keep this in mind when planning your daily activities.

II. BUSINESS

a. Future meetings

- i. *JMIH 2020.* – The 2020 venue for JMIH is in Norfolk, VA, often referred to as “The City of Magic.” If you have not been to Norfolk in the past 10 years, it has developed very nicely. The meeting hotel will be the Norfolk Waterside Marriot, which is surrounded by breweries, restaurants, a minor league baseball stadium, parks, navy ships, and water (Elizabeth River). All of the meeting rooms for the conference will be located within the Marriot. Led by Eric Hilton, the Virginia Institute of Marine Science has volunteered to be our local host.
- ii. *Volunteer incentives.* – Currently, student volunteers of JMIH receive perks for their volunteer efforts at JMIH. To encourage volunteering, all student volunteers will receive a t-shirt. If a student volunteers for three events, they will also receive a \$100 check at the completion of their services. Students can sign up for volunteer opportunities at: <http://shorturl.at/bimrZ>

ACCOMMODATIONS SUMMARY:

Kansas State University, 2019 Joint Meeting of Ichthyologists & Herpetologists

Room Block

	Sun, 7/21	Mon, 7/22	Tue, 7/23	Wed, 7/24
Cliff Lodge - Standard Bedroom, 2 Queen	5	25	142	295
Cliff Lodge - Deluxe Bedroom, 1 King, 1 Queen Sofa Bed	0	0	0	23
Cliff Lodge - One Bedroom Suite, 1 King, 2 Queen	0	0	2	2
Cliff Lodge - One Bedroom Exec Suite, 1 King	0	0	1	1
Cliff Lodge - Spa Bedroom, 1 King	0	0	0	17
Cliff Lodge - Spa Bedroom, 2 Queen	0	0	0	3
Cliff Club - Bedroom, 1 King, 1 Queen Sofa Bed	0	0	0	0
Cliff Club - Studio, 1 Queen Sofa Bed, Kitchen	0	0	0	0
Lodge at SB - Various Bedrooms	0	0	0	54
Inn at SB - Bedrooms, 2 Queen	0	0	0	10
Totals	5	25	145	405

Room Rates

Cliff Lodge - Standard Bedroom, 2 Queen	\$142
Cliff Lodge - Deluxe Bedroom, 1 King, 1 Queen Sofa Bed	\$142
Cliff Lodge - One Bedroom Suite, 1 King, 2 Queen	\$384
Cliff Lodge - Spa Bedroom, 1 King	\$142
Cliff Lodge - Spa Bedroom, 2 Queen	\$142
Cliff Club - Bedroom, 1 King, 1 Queen Sofa Bed	\$142
Cliff Club - Studio, 1 Queen Sofa Bed, Kitchen	\$142
Lodge at SB - Standard Bedroom	\$114
Inn at SB - Standard Bedroom	\$114

All rooms are also charged a \$10 daily resort fee and taxed at a rate of 12.17%

CHILDCARE INFO:

Dear Colleagues,

All of the JMIH societies participating in the meeting this summer at Snowbird agree that child care is an important issue and they have stepped up to make it possible for parents to participate in the meeting at a very low cost. Sitting will be arranged on site by Preferred Sitters, a national company that has been handling this for SICB for many years. They will come to the meeting venue and set up a ‘camp’ with toys, games, and reading materials appropriate to the ages they are watching. The cost to parents will be \$5 per hour and sitting will be available from 7:30am to 10pm on Thursday, July 25, Friday, July 26, Saturday, July 27 and Sunday, July 28, 2019. Parents will need to get in touch with Brittany Ashley (Bashley3549@gmail.com) about their childcare needs prior to your arrival. This is key for planning purposes. Though drop in child

care may be available it is not guaranteed. Get in touch early and work out the details of your particular child care situation.

FOOD INFO:

For students and anyone else on a budget, there are food options other than the pricey restaurants. For more information, the Snowbird website has menus, prices, and hours. The following are just a few examples of menu items.

Cliff Lodge

The Atrium is open for breakfast and lunch. Examples for breakfast include breakfast burrito \$7; quiche \$6.50; yogurt \$3.75; pastries \$4-\$6. Lunch options include salads \$8.50-\$12.50; soup and salad \$14; hot/cold sandwiches \$13.

Snowbird Center

General Grits. As with any conference venue, food is less expensive if you bring it yourself (e.g. granola bars for breakfast) or buy it in a grocery store. General Grits is a combination convenience store and deli. The deli is open from 8 am to 5 pm; the convenience store is open until 9 pm. Deli sandwiches are \$7.65-\$10. For a less expensive option, make your own sandwiches. The deli sells meats and cheeses by the slice, and loaves of bread. All the rooms have fridges. Examples of prices: 1 pound sliced ham \$7; 1 pound Swiss cheese \$8.00; loaf of bread \$4.65; condiments available in grocery store. For those with kitchens, the grocery store has pasta, rice, sauces, etc. Examples of prices for grocery items: 20-oz bottle coke \$3.20; protein bars \$3; crackers \$3.45-\$6/box; peanut butter (1 pound) \$5.65; yogurt \$2; 6-pack local beer \$15.40 .

The Tram Club (cocktail bar) serves typical bar food, e.g., nachos, fish & chips, chicken fingers; prices range from about \$8.25-\$10.50.

Baked & Brewed Café has yogurt parfait \$6.50; muffins & pastries \$3.50-\$6.25; lattes & mochas \$4.75-\$6.75; drip coffee \$3.50-\$4.25.

The Fork Lift serves breakfast and lunch. Omelets \$15; salads \$10-17; soup and salad \$15; burgers \$16-18; Reuben sandwich \$17.

The Birdfeeder is a window service & outdoor seating place. Chicken sandwich \$13.50; cheeseburger \$14.00; chili (16 oz) \$10.50; beer (12 oz) \$6.50, pint \$7.50.

Tram Car Pizza offerings include 1 slice pizza \$5.50; 2 slices pizza & drink \$12.50; 16-inch pizza \$25-\$27; salads \$9-13; sandwiches \$12-\$12.50.

24. NOMC: Nominating Committee – Michael E. Douglas

The Nominating Committee for 2018-2019 was composed of: Abigail Berkey, Luke Tournabene, Brian Crother (Ex Officio), and Michael E. Douglas (Chair). Information on all candidates is provided in Appendix C.

25. RFAC: Raney Fund Award Committee – Caleb McMahan

Committee Members: Rebecca Blanton Johansen, Misty Paig-Tran

In 2019, the Raney Fund Award Committee received 32 submissions on or before March 1st. Of the 32 submissions, 17 were from PhD students and 15 were from Master's students. These 32 submissions represent 28 different universities from across the United States.

All 32 submissions were compliant with grant guidelines and were accepted by the committee for review. All submissions were of a very high standard with many being exceptional. The Raney Fund Award Committee had \$8000 to distribute in 2019. Based on this amount and requested budgets in proposals, the committee recommended the top seven submissions for funding. The top two applicants were awarded \$1,500 each, and the next five were each awarded \$1000. The Chair encouraged all recipients to continue their involvement and engagement with the American Society of Ichthyologists and Herpetologists.

The 2019 Award winners are as follows:

Laurel Nave-Powers, Southeastern Louisiana University, \$1500

Testing global niche convergence of cypriniform fishes (Suborder Cyprinoidei): A geometric morphometric approach

Mikayla Struble, Northern Arizona University, \$1500

Burial behavior and biomechanics in the elongate fishes of the Salish Sea

João Pedro Fontenelle, University of Toronto Scarborough, \$1000

Evolution of the feeding apparatus in marine and freshwater needlefishes and halfbeaks (Belontiiformes)

Jacob Brumley, Austin Peay State University, \$1000

Using genetic monitoring to determine the impact of habitat loss on an imperiled fish species

Zachary May, St. Cloud State University, \$1000

Evolution of body shape in the deep-sea hatchetfishes (Sternoptychidae)

Chloe Nash, University of Chicago, \$1000

Phylogenetic relationships and evolution of goatfish feeding systems

Caitlin Stapp, California State University Long Beach, \$1000

Comparisons of the locomotor mechanics between batfishes and salamanders

26. RHGC: Robert H. Gibbs, Jr. Memorial Award Committee –Kevin W. Conway

In April of 2019, the Robert H. Gibbs, Jr. Memorial Award Committee, consisting of Kevin Conway (chair), Melanie Stiassny, and Karsten Hartel evaluated the credentials of two nominees for the 2019 award for excellence in systematic ichthyology. The nominees included one new and one renewed nomination for the award. The recipient of the 2019 award will be announced in July at the plenary session of the annual ASIH meeting in Snowbird, Utah. A full-page announcement detailing the winner's accomplishments, along with a photograph, will be published in *Copeia* 2020 (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 2019, Conway departs the committee after three years of service. Melanie Stiassny assumes duties as committee chair, assisted by Karsten Hartel and a third member to be elected at the Snowbird meeting.

27. RKJC: Robert K. Johnson Award Committee – Emily Taylor

The Robert K. Johnson Award for Excellence in Service honors the memory of former ASIH Secretary and *Copeia* Editor Robert Karl 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 is awarded to either an ichthyologist or a herpetologist in alternate years. This year's award will be presented to a herpetologist. The 2019 Johnson Award Committee consisted of Eric Hilton, Michael Douglas, and Emily Taylor (Chair). The committee evaluated the nominations of several distinguished and highly qualified ASIH members. The committee's 2019 award recipient will be announced at the Plenary Session of the JMIH in Snowbird, UT. The results will also be featured in an upcoming issue of *Copeia*. Emily Taylor will rotate off the committee at the end of 2019 and Eric Hilton will become Chair in 2020, followed by Michael Douglas as Chair in 2021. A herpetologist will be elected to the committee at the 2019 meeting, and an ichthyologist at the 2020 meeting.

28. AES: Representative to the American Elasmobranch Society – Chip Cotton

The American Elasmobranch Society held its 34th annual meeting in João Pessoa, Brazil as part of the 3rd quadrennial “Sharks International” conference, with the Brazilian Society for the Study of Elasmobranchs (SBEEL) acting as the local host. The meeting featured six pre-conference short courses, four days of oral presentations followed each day by poster sessions, and a mid-week “free” day for leisure. This meeting was attended by members of a variety of professional societies from all over the world, hence no estimate of AES member attendance or presentations was tallied. In total, there were 499 meeting registrants, 253 oral presentations, and 193 poster presentations. There were five plenary talks given, three of which were delivered by AES members: “The chondrichthyan tree of life - half a billion years of innovation” by Gavin Naylor; “Ecosystem impacts of sharks: disentangling data from dogma” by Neil Hammerschlag; and “Are we turning the tide for sharks and rays? Science and conservation impacts for elasmobranchs” by Rachel Graham. AES members did not contribute a symposium to the Sharks International program, but there were two pre-conference workshops organized by AES members. “Introduction to R programming” was organized by Lindsay Davidson, Sebastian Pardo, Dovi Kacev, and Christopher Mull. David Shiffman organized the symposium “How to use social media to communicate your science to non-experts, and why you should”. There was no AES student workshop held at Sharks International.

Dave Ebert conducted his first business meeting as president, with some new and some returning executive committee members: Secretary Tonya Wiley (new), Treasurer Chris Bedore (new), Editor David Shiffman, and Past-president Dean Grubbs. Chuck Banglely was elected to replace David Shiffman as editor. Kady Lyons and John Carlson were elected to the Board of Directors. Our new Nominating Committee is Jen Wyffels (Chair), Kristine Parsons, Kelsey James, Chuck Banglely, and Jennifer Bigman. Ivy Baremore and Steve Kessel were elected to the Grant Fund Committee and Joe Bizzarro continues to chair this committee. Chip Cotton continues to serve on the Meeting Management Planning Committee and serve as the AES liaison to JMIH.

Sharks International held an all-inclusive closing banquet during which plaques and checks were presented to AES award winners. There were 4 presentations considered for the Jeffery C. and Carol A. Carrier Poster Award (best student poster) and 22 presentations considered for the Samuel H. Gruber Presentation Award (best student oral). Beth Bowers received the Carrier Award for her poster “Poleward shift in the migratory pattern of the western Atlantic blacktip shark, *Carcharhinus limbatus*”. Lauren Meyer received the Gruber Award for her talk “What can fatty acid profiling tell us about Chondrichthyan feeding ecology?” No recipient was selected for the Eugenie Clark Award in 2018. The American Elasmobranch Society Student Research Award was presented to Nick Weber for his project “Physiological stress response and post-release mortality of blacktip sharks (*Carcharhinus limbatus*) captured in shore-based and charter recreational fisheries”. The Henry & Anne Mollet Research Award was presented to Derek Kraft for his project “Global genetic inventory of the silky shark (*Carcharhinus falciformis*) and identifying location of

illegal, unreported, and unregulated fishing”. The Donald R. Nelson Behavior Research Award was not awarded in 2018. Student Travel Awards were given to Victoria Calilieri-Asch, Daniel Coffey, Daniel Fernando, Matthew Jargowski, Bryan Keller, Emily Meese, Lauren Meyer, Naiti Morales, Melissa Nehmans, Emily Peele, and Samantha Sherman. Due to the increased cost of attending Sharks International, AES Board of Directors allocated funds for an additional 34 competitive travel awards, which were distributed to both student and professional members. In its third funding cycle, there were 20 Young Professional Recruitment Fund (YPRF) awardees out of 71 applications. In attendance at Sharks International were 6 of the 2018 YPRF scholars and another 11 former YPRF recipients. Shortly after JMIH 2017 in Austin, David Shiffman was invited to present on the YPRF program as part of a symposium on diversity in marine science at the International Congress of Conservation Biology in Cartagena. The Student Affairs Committee (SAC) raised \$1851.00 in silent auction funds at Sharks International to support student travel at the upcoming meeting in Snowbird, Utah. The SAC did not sell raffle tickets or operate a store at the Sharks International meeting.

29. AFSR: Representatives to the American Fisheries Society – Michael E. Douglas and Marlis R. Douglas

The American Fisheries Society (AFS) held its 148th Annual Meeting in Atlantic City, NJ, on 18-23 August 2018, with over 1,700 attendees and guests from 25 countries. The scientific program featured more than 1,100 oral and 200 poster presentations arranged across 80 symposia, 20 poster and 14 contributed paper sessions. Several continuing education workshops were held during the first day of the meeting, to include: Bayesian statistical methods (BUGS), geographic information systems (GIS), and an introduction to R for fisheries biologists. Again, many exhibitors displayed products ranging from technological, through services provided, to books and fish prints.

The 2018 Meeting will be held in Reno, NV (29-September through 3-October). For the first time, AFS will meet jointly with the Wildlife Society (TWS) and it is expected to be the largest gathering of fish and wildlife professionals, with approximately 3,000 projected presentations and over 100 networking opportunities. Many symposia will be jointly organized by members of the two societies, providing opportunities for science-sharing and future collaborative efforts. The early registration deadline is 05 July 2019 (<https://afstws2019.org/about/>)

Future meetings will be held in Columbus, OH (30-August to 3-September, 2020), Baltimore, MD (8-12 August 2021), and Spokane, WA (14-18 August, 2022). The 2020 meeting represents the 150th Anniversary of AFS and many special events are planned to celebrate the anniversary.

AFS Societal Governance: In 2018, the presidency transitioned from Steven L. McMullen to Jesse Trushenski, with Scott Bonar as President-Elect.

Of note is that AFS journals are now published by Wiley (replacing Taylor & Francis) and AFS members have access to the society's 7 journals, including: Transactions of the American Fisheries Society, Marine and Coastal Fisheries, Journal of Aquatic Animal Health, North American Journal of Aquaculture, North American Journal of Fisheries Management, Reviews in Aquaculture, and Fisheries.
<https://afspubs.onlinelibrary.wiley.com/>

30. MMSC: Margaret M. Stewart Award Committee – Maureen Donnelly

The Margaret M. Stewart Excellence Award will be presented annually to a deserving ichthyologist or herpetologist to recognize exceptional achievement for mid-career professionals. The committee was formed by Past-President Crother and included one ichthyologist (Christopher Martinez), one herpetologist (Mo Donnelly), and one biologist who works on both (Whitney Anthonysamy). Anthonysamy will chair the committee in 2020 and Martinez will chair in 2021. The president will appoint one member annually. The call for proposals circulated to the membership and we considered five files. One nominee was selected and the four who were not selected in this year will be considered automatically in next year's pool. As is true for the other competitions, files will remain active for three years. The recipient of the Stewart award will receive a plaque during the 2019 JMIH meeting in Snowbird, Utah.

31. AIBS: ASIH REP. TO BioOne & AIBS – 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). As a member of the BioOne Board of Directors I attended two meetings of the Board since last summer, and I draw on information from those meetings to provide this report.

BioOne continues to provide a high level of service and essential income for its member publishers. The organization currently publishes 207 titles, from 157 nonprofit and society publishers. In 2018, 1,229 institutions in 48 countries subscribed to BioOne's complete collection, with an additional 166 institutions subscribing to a subset of the journals (an option that is no longer available to new subscribers). About 2,500 additional institutions in developing countries have free access to BioOne journals. BioOne continues to enjoy a very high renewal rate among subscribing institutions and consortia. The renewal rate was 92% in 2018, with the few losses coming primarily from smaller North American institutions, which have relatively high cost-per-download rates.

Total net sales increased by 4.9% in 2018 over the previous year, and the total collection exceeded 1.5 million pages, generating 16 million hits. Meanwhile, the cost of a subscription to BioOne increased by only 3% in 2018, which comes out to a cost of \$221

per title at the highest subscription rate (which, on BioOne's sliding scale, is paid by larger doctoral institutions). That is **94% lower** than the average cost of a biological journal in 2019 (i.e., \$3,769), according to a national survey. Despite the remarkable value of BioOne's journals to subscribing institutions, the organization continues to return substantial royalties and revenue based upon a formula that accounts for both online hits and pages published. Each society publisher receives an annual report that outlines its journal(s)' performance and its share of the royalties and revenue. Several journals returned to BioOne after previously leaving the collection, including the two journals published by the American Society of Mammalogists.

Two recent BioOne programs have continued through 2018 and 2019. One is the BioOne Ambassador Award, which was first presented to five early-career authors in 2018. The recipients were selected from among 17 authors nominated by BioOne society publishers. The awardees were chosen for their ability to communicate their work for a general audience, based upon research published in a BioOne journal (and their nomination by the journal's editor). One of the 2018 recipients, Dr. Larry Wood, published on movements of hawksbill turtles in the *Journal of Herpetology*, and one of the 2019 nominees published in *Copeia*.

The other recently launched program, the BioOne Career Center (bioonecareercenter.org/), has not yet generated substantial revenue for BioOne, but the organization nonetheless believes that the Career Center provides an important service to the researcher community. Posting of professional positions is offered at a modest cost (\$200 for a standard 30-day listing). Importantly, the Career Center will list internship and volunteer positions **at no cost**.

BioOne made a major move during 2018 to a new digital platform, launching on 1 January 2019. The new platform is a collaboration between BioOne and SPIE, a major provider of content and organizer of conferences for the optics and photonics community. BioOne was facing escalating costs and declining services from its previous digital platform, so a move was inevitable, and SPIE was identified as sharing a nonprofit ethic with BioOne. The launch generally went smoothly, and BioOne reached out to the library community to test the new platform and to provide them with additional guidance on the changes. For most individual users of the content, the move was essentially seamless. Nonetheless, a relatively small group of publishers and journals experienced significant problems, including *Copeia*, and BioOne and SPIE engaged additional contractors (at their expense) in an attempt to remedy those issues. The most significant problems appear to have resulted from *ad hoc* "fixes" to the HTML coding made by the previous platform provider, resulting in idiosyncratic problems when the digital content was ported to the new platform.

BioOne welcomed several additional members to its Board of Directors in 2019, seeking to diversify the board in regard to age, gender, and ethnicity. Finally, BioOne's President and CEO, Susan Skomal, visited with the governing boards of each of the BioOne society publishers that participated in the JMIH in Rochester, NY in 2018. Additional information concerning BioOne can be found at www.bioonepublishing.org/.

The **American Institute of Biological Sciences (AIBS)** is an umbrella organization of over 130 member societies and organizations (MSOs), many of which focus on organismal biology or ecology, as well as individual members. AIBS continues to provide a strong connection to national lawmakers and policy professionals through its Public Policy Office. That office continues to issue regular electronic newsletters, and it organizes community responses to executive and legislative developments at the federal level. Particular areas of emphasis include policy related to research funding, conservation, and support of natural history collections. AIBS organizes regular visits between biological professionals and members of Congress. Individual society members are again encouraged to visit the AIBS Public Policy website (<https://policy.aibs.org/action/>) for information on responding to significant policy developments. AIBS maintains a formal partnership with the Natural Science Collections Alliance and is a founding member of the USGS Coalition. These activities have obvious relevance to members of our society.

Representatives of the AIBS MSOs are members of the AIBS Council, which meets annually in Washington, DC in December. The 2018 meeting was built around the theme of “Next Gen International Biology.” I was unable to attend that meeting. AIBS also has been developing a series of very short videos aimed at sharing perspectives with early-career professionals (they appear on the AIBS home page periodically), and it offers programs to train academic biologists to communicate more effectively with lay audiences. More about AIBS can be found at www.aibs.org.

32. CONS: Conservation Committee – Frank H. McCormick

The Committee was active in 2018.

Comment to US EPA and U.S. Army Corps of Engineers on proposed repeal of the Waters of the US (WOTUS) rule (Docket EPA-HQ-OW-2017-0203).

The public comment period was extended twice (closing most recently on April 15 2019). CONS provided detailed comments in opposition to the proposed rule change citing the peer-reviewed, scientific foundation of the existing rule. The comments emphasized the ecosystem services provided by headwater streams and wetlands, including water storage, water filtration, flood mitigation and essential habitat for wildlife and fish. CONS also solicited individual comments from the membership (via the ASIH Facebook page).

Support for National Wildlife Federation Letter. CONS reviewed and endorsed the ASIH sign-on to the National Wildlife Federation letter supporting funding to recover America’s fish and wildlife under the Wildlife Conservation and Restoration Program.

Formation of a Joint Conservation Committee of the Participating Societies. Principals from the conservation committees of the participating societies met in Rochester to develop a proposal for creating a joint Conservation Committee representing the American Society of Ichthyologists and Herpetologists, Herpetological Society, and Society for the Study of Amphibians and Reptiles. Members of the respective committees consulted with executives

and received support for the proposal. A draft of the operating principles and structure of the committee was proposed. CONS provided comments on the proposal and has been working to resolve potential obstacles. Outreach to the Neotropical Ichthyological Association and American Elasmobranch Society needs to be done to gauge their interest in joining the joint committee.

Joint Resolutions

The American Elasmobranch Society did not meet with the Joint Societies in 2018 and provided no resolutions for CONS endorsement.

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

MEMBERSHIP:

Current Members:

Michael J. Pauers - Chair
Carol Johnston
Steve Kimble
Sara Ruane –co-Chair

ACTIVITIES 2018-2019:

Activities Completed/In Progress:

This was a quiet year for the committee, as no issues were brought to us by the society for consideration or action, and there were no self-generated actions. Co-Chair **Pauers** pointed out a need to discuss the mission of the committee, since at least some of the proposed functions of the EHRC (i.e., concerns about diversity and harassment) have been (rightly) taken over by the Executive Committee. While outgoing President **Brian Crother** said that this was to be discussed at the meeting of the Executive Committee at the JMIH in Rochester, no findings or decisions were presented to **Pauers**.

Pauers once again convened the Ichthyology Education Committee, consisting of **Johnston, Lara Ferry, Ed Heist, Chris Lowe, and Gene Helfman**, in order to review the nominees and select the winner of the 2019 Meritorious Teaching Award in Ichthyology. No new nominations were submitted, but the referees are busily reviewing the dossiers of all candidates.

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

Nothing to report.

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

The primary interactions between ASIH, HL, and SSAR continue to revolve around the JMIH, together with a close intersociety affiliation associated with the Joint Conservation Committee (and involving also the AES).

The SSAR Board is proceeding with planning a separate meeting at the University of Michigan in 2021. That is one year later than originally proposed, in order to avoid competition for attendees with the World Congress of Herpetology, which meets in New Zealand in January 2020. The separate meeting of SSAR in 2021 reflects their established policy of meeting separately from the JMIH once every five or so years.

The SSAR approached HL in 2018 about the possibility of merging the two societies, and a nonbinding poll of the membership of both societies was held in 2019. The poll, which simply asked members whether they supported entering discussions to consider such a possibility, revealed strong interest in a potential merger. An open meeting to discuss such a merger will be held at the 2019 JMIH in Snowbird, at 8:00-9:30 pm on 26 July.

There has been limited progress on the consideration of a joint business office. The leading prospect, Burk and Associates, which will take over conference planning for the JMIH beginning with the 2020 meeting, had unfortunately placed a moratorium on accepting new clients for business management, pending the resolution of some constraints on their capacity. Investigation of other professional society management firms revealed, unsurprisingly, that a disproportionate number of their clients are associated with the health care industry. That suggests that such management companies may be a poor match to the needs of the JMIH societies, although several potential leads have been identified. There is the potential for management services associated a new relationship between BioOne and an organization that serves the physics and optics communities. However, any such opportunity is unlikely to manifest itself for at least a few more years.

36. IACC: Ichthyological Animal Care and Use Committee – Phillip Harris

The IACC did not meet in 2018. One inquiry about the use of fishes in research was received from a federal research agency.

37. IHCC: Ichthyological and Herpetological Collections Committee – J. Watkins-Colwell (Chair), Sarah K. Huber (Co-Chair), Kate Bemis and Jennifer Gardner (Student Representatives), and reviewed by Committee

On 13 July 2018, the ASIH Ichthyological and Herpetological Collections Committee met. The IHCC meeting was attended by 24 collection personnel (including several student collection assistants) representing at least 16 institutions or collections.

The second annual *Spiritus Award* was presented at the 2018 JMIH meeting to Karsten Hartel, who recently retired after an amazing career as the Ichthyology Collection Manager at Harvard's Museum of Comparative Zoology. Karsten has been, and continues to be, a valuable member of the collections community. The 2018 *Spiritus* committee was composed of Mark Sabaj (Chair), Greg Watkins-Colwell and Katherine Maslenikov. The IHCC formally congratulates Karsten on being the first ichthyology collections manager to receive the *Spiritus Award*.

The *Spiritus* committee for the 2019 award cycle is Greg Watkins-Colwell (Chair), Katherine Maslenikov, and Meredith Mahoney. Mark Sabaj rotated off following the award presentation and Meredith Mahoney was elected at the ASIH business meeting to serve on the committee. For the 2019 *Spiritus* cycle the award will be presented to an individual in recognition of their service and commitment to herpetological collection stewardship.

The IHCC is sponsoring a Symposium at the 2019 JMIH meeting: The Expanding Role of Natural History Collections (Eric Hilton, Chair; Greg Watkins-Colwell, Co-chair; Sarah Huber Co-chair). Funding has been provided by ASIH, SSAR, and HL. We are waiting to hear if we will have additional funding from iDigBio. A copy of the symposium proposal was passed out, and a copy is attached to the end of the minutes.

The 2020 JMIH will be held in Norfolk, VA and VIMS will be one of the local hosts. Sarah Huber offered to organize a workshop prior to the meeting to be held at the VIMS Ichthyology Collection on collections management. Details are still emerging, but the idea is to have participants learn basic skills associated with collection curation (e.g., field collection and data recording, specimen preparation, database management, imaging, etc.). The workshop will be geared towards individuals that would like to learn more about how collections operate and will be co-organized by the Student Co-chair, as part of an emerging professionals workshop. Be prepared to be contacted by Sarah in the coming year to help.

At the 2018 ASIH meeting, the accreditation sub-committee presented plans for a society wide accreditation at the business meeting, and received approval for the Executive Committee to proceed with an accreditation proposal. The current committee consists of Sarah Huber (Chair, ichthyology), Jessa Waters (herpetology), Katherine Maslenikov (ichthyology), and Randy Singer (ichthyology). We solicited suggestions for an

additional herpetology person, and Kirsten Nicholson agreed to serve. We have no additional report at this time. The goal is to have a proposal for the 2019 IHCC meeting.

A Best Practices Wiki is shared with SPNHC and is being continually updated. When the Expert Workshop on Benchmark Standards for the Preservation of Wet Collections publishes their report, we will update the Wiki with this information. Randy Singer serves as Wiki liaison for the IHCC.

The Carl Gans Workshop held at the 2018 JMIH was organized by James Erdmann, then IHCC student co-chair. Several members of the IHCC attended this workshop prior to the meeting. Participants agreed that the workshop was valuable, and it was noted that most attendees were graduate students. The workshop consisted of three invited speakers: John Simmons (Best Practices), Katherine Maslenikov (Collection Management), and Ed Stanley (3D Digital Data). There was also a round table discussion on careers in collections with Carol Spencer, Kyle Pillar, Caleb McMahon, and David Blackburn. Over 40 people attended the workshop.

Greg Watkins-Colwell stepped down from a very, very long term as the ASIH/SPNHC representatives (ASIH rep to SPNHC and SPNHC rep to ASIH). He will no longer have lively meetings with himself to discuss both societies. Randy Singer, who still enjoys talking to himself, has taken over as the ASIH representative to SPNHC and the SPNHC representative to ASIH.

The IHCC decided to increase the visibility of IHCC over social media. However, instead of curating our own Facebook page or Twitter, we will post on already existing pages (e.g., ASIH Facebook page, Natural History Collections Facebook group). Norma Salcedo has agreed to be our Communications Committee chair and will oversee social media posts. If you have anything that you would like posted, please forward it on to Norma.

The IHCC discussed courses and syllabi relating to collections and collection use and management. Many university-based collections offer courses on the topic. Adania Flemming discussed a course that she taught at University of Florida. There was interest in collecting these course syllabi and having them available to members. Mark Sabaj discussed the work stations at ANSP where visitors can use software to visualize CT scan files.

The IHCC continues to use a Google Group to improve routine communication among IHCC members and to facilitate involvement of those individuals who are unable to attend JMIH. Visit this group at <https://groups.google.com/group/asih-coll>

James Erdmann is stepping down from his position as student co-chair, because he is no longer a student. According to the new IHCC Policy document the student co-chair is tasked with the following:

The Emerging Professionals Subcommittee shall be chaired by the IHCC Student Co-chair and serve as means of addressing the needs of collection professionals at the beginning of their careers. Activities of this sub-committee may involve workshops on grant writing, job searches, resume building or any other aspect of the collection management profession that may be of interest to those within the emerging professional demographic.

It was noted that the IHCC defines “emerging professionals” differently than SPNHC. We prefer our emerging professionals to be pre-transformation/metamorphosis larvae. Voting took place via e-mail; Kate Bemis and Jennifer Gardner were elected to serve as student co-chairs.

ASIH COLLECTIONS COMMITTEE as of 1 Jan 2019

Chair

Greg Watkins-Colwell gregory.watkins-colwell@yale.edu

Co-Chair

Sarah Huber skhuber@vims.edu

Student Representatives

Kate Bemis kebemis@vims.edu

Jennifer Gardner jgardn92@uw.edu

2018 Collections Committee Meeting Attendance (24 people)

Adania Flemming	Jose Rosado	Mark Sabaj
Andrew Williston	Karsten Hartel	Meredith Mahoney
Caleb McMahan	Kate Bemis	Norma Salcedo
Coleman Sheehy	Katherine Maslenikov	Randy Singer
Cynthia Klepadlo	Kevin Swagel	Rick Feeney
Eric Hilton	Kirsten E. Nicholson	Sarah Huber
Greg Watkins-Colwell	Lauren Scheinberg	Susan Mochel
H. J. Walker, Jr.	Leroy Nunez	Worth Pugh

38. SPNHC: Representative to Society for the Preservation of Natural History Collections – Randy Singer

2018 SPNHC conference was held in Dunedin, NZ from 25 August to 01 September. In addition to this being the first time the SPNHC meetings were held in Oceania it also marked the first joint meeting with the Taxonomic Databases Working Group for Biodiversity Information Standards (TDWG). The meeting was well attended by 269 people (163 SPNHC and 106 TDWG). The theme of this meeting was “Collections and Data in an Unstable World.” The theme was chosen to reflect current events as well as the museum community’s efforts as museum professionals to find ways to combat the various waves of instability, ranging from the environment to politics, which affects not only collections, but also day-to-day practices. Several technical sessions were included along with the normal symposia included ones focused on: future-proofing collections, disaster preparedness, impacts of changing regulations, moving collections, sustainability, digitization, administrative solutions to common problems and “demo camps” geared towards mobilizing and using collections’ data. Given the joint meeting with TDWG, there were also many sessions focused on data curation best practices, use of data in innovative research and formatting and long term storage of data.

39. Spiritus — Gregory J. Watkins-Colwell

The ASIH created the annual *Spiritus* award to recognize excellence in service and support of natural history collections of fishes, amphibians and reptiles. The 2018 *Spiritus* was awarded to Karsten E. Hartel, Curatorial Associate of Ichthyology at the Museum of Comparative Zoology at Harvard. The 2019 *Spiritus* will recognize a herpetologist, as the award alternates between disciplines from year to year. Nominations are effective for three award cycles over a five-year period. Committee members are not eligible for nomination while serving on the committee and for one year following. Each new committee member serves for three consecutive years and becomes chair in their third year. In odd years, the committee is composed of two herpetologists (including chair) and one ichthyologist and receives nominations for candidates with a herpetology background. In even years, the committee is composed of two ichthyologists (including chair) and one herpetologist and votes on ichthyological candidates. For the 2019 *Spiritus* award the Committee consisted of Gregory J. Watkins-Colwell (chair), Katherine Pearson Maslenikov and Meredith J. Mahoney.

The committee considered three nominations for the 2019 *Spiritus* award. Each nominee has had a long career synonymous with excellence and professionalism and is a respected member of our community. The committee reviewed the nomination packages and met via Skype to discuss the candidates and evaluate their contributions to the curation of herpetological collections and to collections stewardship. The winner of the 2019 *Spiritus* award will be announced at the Joint Meeting of Ichthyologists and Herpetologists in Snowbird, UT, 24-28 July 2019.

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

The Committee on Names of Fishes continues to review a large number of changes to the “Common and Scientific Names of Fishes from the United States, Canada, and Mexico.” The changes include adding about 1,000 names of deep-sea species (those occurring deeper than 200m but within the Exclusive Economic Zone), assigning a "U" to each marine species that is found in the U.S. to enable the creation of a list of marine fishes for the U.S., changes in classification – including those adopted in “Fishes of the World, 6th edition”, adding Spanish and French names for all species in the list to make it more internationally useful, and considering an electronic version of the list. The committee met for four days in September 2018 in Gainesville, Florida, and will meet for a full day at the ASIH meeting in July to continue discussions. Membership on the committee includes Kate Bemis, Lloyd Findley, Carter Gilbert, Héctor Espinosa-Pérez, Karsten Hartel, Robert Lea, Nicholas Mandrak, Margaret Neighbors, Larry Page (chair), Ross Robertson, Juan Schmitter-Soto, and HJ Walker.

41. 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 members of an international community of institutions that house natural science collections and utilize them in research, exhibitions, education, and outreach activities.

NSCA is a founding partner organization in the Biodiversity Collections Network (BCoN), funded by the National Science Foundation. A number of representatives of NSC Alliance members have participated in BCoN workshops focused on developing a vision for the deployment of data held in U.S. biodiversity collections. In May 2019, BCoN released its report, “Extending U.S. Biodiversity Collections to Promote Research and Education.” This report is a synthesis of scientific community recommendations from workshops and townhall-style discussions convened by the Biodiversity Collections Network and its partners during the past four years. The report offers a shared vision for next generation uses of biodiversity collections that will inspire new research and education, develop new opportunities for public engagement, and provide new data and information to guide commercial interests and public policy decision-making.

Other key activities and accomplishments of the NSC Alliance during the past year included:

- Provided testimony to the House and Senate Appropriations Committees regarding funding for programs that curate natural history collections. The testimony addressed programs within the Department of the Interior and Smithsonian Institution.
- Joined with more than 50 other leading scientific organizations from around the world to express a shared concern with emerging proposals on the regulation of use of digital sequence information.
- Continued to work with the Department of the Interior on a draft rule on paleontological resources preservation.
- NSC Alliance Board members participated in a national workshop to understand the ramifications of the Nagoya Protocol on biological research.

- Provided regular policy and news updates via the NSC Alliance Washington Report. The newsletter is freely available. Subscribe at www.nscalliance.org.

42. WCMC: Web Content and Management Committee – Missy Gibbs

2018 members: Missy Gibbs, Mark Sabaj Perez, Bill Ludt, Caleb McMahon, Jacqueline Webb, and Dennis Murphy (webmaster)

The WCMC met in Rochester on July 14th from 4-6 p.m. in Jordan. The primary discussion was an in depth discussion of the final details of the new ASIH page (including symbolic codes, animal care guidelines, resources, and email host options). We decided that it was time to go live, as it is far superior to the old site, even though it still has some flaws and areas “in progress”. We presented the new website at the business meeting, got approval, and the new website went live in August. A feedback system was established so that the membership could

Planned activities, 2019 meeting in Snowbird

The 2019 Web Content and Management Committee will meet July 27th from 4-6 p.m. in Superior A, Cliff Lodge. We will review the feedback from the membership (collected over the past year) on the new website, and revisit the structure of the website and discuss whether there are things we want to do a little differently.

43. HIST: History of the Society Committee – David G. Smith

Two Historical Perspectives (HP) articles were published in 2018. One was an essay written by John Treadwell Nichols in 1923 but never published by him, titled “What is a Naturalist Anyway?” The other was a traditional HP article on herpetologist George Zug. Other articles are in various stages of progress. In herpetology, articles were completed on Vic Hutchison and Richard Highton and will appear in 104 (2). Additional articles are being prepared on Bayard Brattstrom and Harold Heatwole. In ichthyology, articles are being planned on William Gosline, Bruce Collette, Robert Jenkins, Curt Kosswig, and Thomas White. Other ideas are constantly being raised. Sixty five articles have been published in the Historical Perspectives series since it began in 2000. Most of these have involved oral history interviews with senior members of the Society. These will continue, but beginning in the Centennial year of 2013 (marking the first issue of Copeia in 1913), we expanded the concept of the series to include people and events that occurred earlier in the Society’s history. There is a rich lode of material that can be mined for articles as we go forward.

In 2018 the Committee consisted of Joseph C. Mitchell, Gregory Watkins-Colwell (herpetology), David G. Smith, Eric J. Hilton, and Inci A. Bowman (ichthyology). Katherine E. Bemis (ichthyology) was added after the meeting, increasing the membership to six. Kate is part of the younger cohort of the Society and is a welcome addition to our team. Part of the purpose of this Committee is to bridge the gap between the younger and older members of our Society and foster an appreciation of our predecessors and their accomplishments.

The meeting in 2020 will be the 100th such meeting in the Society's history. Although the first meeting was held in 1916, there were four years in which there was no meeting: 1924 and the war years of 1943, 1944, and 1945. We are discussing possible ways of recognizing this at the meeting next year. It will be in effect our third Centennial.

44. SCSH: Societies Consortium on Sexual Harassment in STEMM – Lynne R. Parenti

The Societies Consortium on Sexual Harassment in STEMM is a new initiative to advance professional and ethical conduct, climate, and culture. The Consortium's focus is to build communities actively intolerant of sexual and other bases of harassment and to develop collective efforts across STEMM—among societies, academic and research institutions, teaching hospitals and others, as well as researchers, faculty, and students. Policies and plans produced through the Societies Consortium's collective effort will be significantly more effective, timely, and cost-efficient than if each society were to produce strategies and resources on its own.

Launched in December 2018, there are currently 100 Inaugural Members. Membership remains open, with Societies continuing to join. ASIH is one of the 100 Inaugural Members of the Consortium. Societies pay a fee based on their annual revenue (under \$1 million pays \$500).

Rayna Bell represented ASIH at the Consortium at the February 2019 AAAS meetings in Washington, D.C. Lynne Parenti was appointed ASIH representative in April 2019 and participated in a member's call-in meeting to introduce society representatives to the Consortium. An in-person meeting is planned for September 2019, in Washington, DC. The Consortium will conduct a survey of society policy and practices on sexual harassment and related issues to identify what plans are already in place. Additional information is available on the consortium's temporary website: www.educationcounsel.com/societiesconsortium.

45. Diversity Report – Michael Franklin & M. Rockell Parker

The committee reached the consensus that one of the best ways to increase diversity in ASIH is to establish networks with ichthyologists and herpetologists worldwide. Our Society is not reflective of the racial composition of the country, nor even across STEM (see our blog post on the ASIH website: <http://asihcopeia.blogspot.fr/2017/03/on-diversity-of-asih.html>). The largest underrepresentation remains with Black/African Americans followed by Hispanics/Latinos. The differences are more pronounced when comparing the percentages of STEM graduates and our membership (a significant difference between the STEM graduates and Black/African Americans in the Society). There are many possible reasons for these differences. It is our goal to examine the reasons, with the aim of increasing the diversity of our membership for the long term. One of the steps we have taken to remedy this situation is: 1) the diversity committee is now a Standing Committee, and 2) instituting the Diversity and Inclusion Award for the Joint meetings this

summer in Snowbird, Utah and for future meetings. It is our hope that these awards are the first steps in helping make the society more representative of the country.

We are pleased to announce our first recipients for the Diversity and Inclusion Awards (SDIA). We continue to examine ways to ensure our society is inclusive and the meetings continue to be Winners for the Ichthyology section are: Marina Luccioni, Lindsey Nelson, Nureen Ghuznavi, Adania Flemming, and Emily DeArmon (honorable mention: Valencia Henderson). Winners for the Herpetology section are: Blanca Arango, Emily Virgin, Bryan Juarez, Natasha Stepanova, and Suzana Bandeira (honorable mention: Jessica Yamauchi). Serving as reviewers were Ana Longo, Mariangeles Arce H., Molly Womack, Kory Jackson-Evans, Rocky Parker, and Michael Franklin. Rocky Parker was the chair and coordinator of the 2019 SDIAs. We congratulate all the applicants for the inaugural award and we look forward to more new members in the future. We also look forward to their participation and contributions to the Society, particularly at the 2019 JMIH in Snowbird. The committee also thanks EXEC for tolerating and supporting our many last-minute requests as we launched the first SDIAs.

Brian Crother appointed the new co-chairs of the committee. The Diversity committee welcomes the new co-chairs for 2019. Mariangeles Arce H. and Rayna C. Bell. The committee also includes Kim Foster, Michael Franklin, Christopher Martinez, Rocky Parker, Norma Salcedo, Melanine Stiassny, Beck Wehrle, Adania Flemming, and Sarah Huber.

46. HFMH: Honorary Foreign Member (Herpetology) – Aaron M. Bauer

The Committee to nominate two new Honorary Foreign Member in Herpetology consisted of Rafe Brown, Linda S. Ford, Gad Perry, and Aaron M. Bauer, chair. New positions were occasioned by the passing of Honorary Foreign Members Zhou Ermi (China) and Donald G. Broadley (Zimbabwe), both in 2016. We compiled and reviewed a list of approximately ten suitably accomplished candidates for each position and ultimately reviewed the credentials of the top candidates. We selected a single candidate for one position, Prof. Jing Che (China), of the Kunming Institute of Zoology. Her biographical statement and career highlights follow and her curriculum vitae is appended to this report. For the second position the committee proposes to the BOFG two candidates, Dr. Patrick Kinyatta Malonza (Kenya) of the National Museums of Kenya and Prof. Yehudah L. Werner (Israel) of the Hebrew University of Jerusalem. The biographical details and career highlights of both follow, with a curriculum vitae attached for each. A ballot for this Honorary Foreign Membership has been prepared for the vote of the Governors. [Secretary Note – Biographic Statements and Career Highlights for each candidate has been added to the end of Appendix C]

47. HEC: HERPETOLOGY EDUCATION COMMITTEE – Brad Shaffer

The members of the Herpetological Education Committee this year were Brad Shaffer (Chair), Erin Muths, Emily Taylor, and Alex Krohn (student member). The committee also received input and advice from Lynn Haugen (2018 Chair) and Theodora Pinou (2017 Chair).

The HEC committee has three main tasks: selecting the recipient for the Meritorious Teaching Award in Herpetology (MTAH), overseeing the Herpetology Hotline, and reviewing applications for pre-baccalaureate travel awards. This year, the HEC did not receive any applications for pre-baccalaureate travel awards.

The main responsibility of the HEC is selecting the recipient of the Meritorious Teaching Award in Herpetology (MTAH), which is sponsored by The Herpetologists' League, the Society for the Study of Amphibians and Reptiles, and the American Society of Ichthyologists and Herpetologists. This award recognizes superior teaching effectiveness and mentoring of students in herpetology. It provides student members of the herpetological societies the opportunity to honor individuals who have made significant contributions to herpetological education in the classroom, mentoring student research, or both.

Because of unforeseen structural issues with the announcement and recruitment process, the committee this year was not able to post announcements for the MTAH, and only solicited one new application. However, the pool of applicants from last year was exceedingly strong, and given that all applications are active for three years, we had a strong pool of 11 candidates to discuss and vote on.

Last year, the HEC made a strong recommendation that the award criteria, including the nominating process, be updated and changed in two fundamental ways. First, the committee recommended that the announcement for this award more clearly state that this award is for student members of the societies to honor their mentors and that nominations are to come from *current* students of nominees, although supporting letters from previous students are also important. Second, the committee recommended that the awardee be an individual who is both experienced as a teacher and mentor, and is currently teaching herpetology. Both of these recommendations were taken under advisement by the presidents of ASIH, HL, and SSAR, but they were not formally accepted. It is the hope of the current committee that these decisions can be resolved before next year's announcement is released.

The members of the HEC evaluated this year's nominee materials and ranked them according to a set of scoring metrics, and then used those scores, plus in-depth discussions of all candidates to reach consensus on a 2019 winner. The recipient of the 2019 MTAH will be recognized during the Plenary Session at the JMIH in Snowbird, Utah and will be presented with a plaque and a check for \$500.

In 2017 the HEC decided to reduce the number of committee members from five to four: a representative for each of the three societies plus one student member. Currently, Brad Shaffer is the representative for ASIH and will rotate off this committee after the Snowbird meeting. Erin Muths, the SSAR representative, will rotate in as chair in 2019/2020. Emily Taylor, representing HL, is scheduled to chair this committee for 2020/2021. In 2016 the HEC decided that each year one of the presidents of the three societies would nominate a new committee member. This year ASIH is asked to nominate a new HEC member.

Herp Hotline Activity (compiled by Michelle Koo; for additional information see the 2019 Report of the SSAR Website Committee)

Since 2017, the Herp Hotline has been revamped with a new focus on involving graduate students and early career herpetologists to engage with the public who have herpetological questions. The Hotline Team responds within two weeks of most requests and conducts their correspondence with an upbeat professionalism that is informative, engaging and respectful. It's been popular, receiving 3-4 emails steadily per week in 2018, for a total of 168 entries. Fifty percent of the questions are identification or general herpetology questions, and the next most popular questions are on husbandry or animal care questions, including wildlife, approximately 33%. About 6% (10 last year) were related to Education and how to become a professional herpetologist.

Because of the large amount of husbandry and care questions, we are seeking advice from Joe Mendelson to see if we can involve professional herpetologists with this kind of specific experience. Many of these questions, such as injured or diseased animals, are out of scope for our Herp Hotline Team and it would be sufficient if we could simply forward them to appropriate forums or other resources. There are other improvements we can make to our online form and many have been implemented such as the disclaimer on the form page:

<https://ssarherps.org/all-about-herps/herpetology-hotline/>

Overall, this continues to be a very popular public outreach and service. In just the first five months of 2019, we have received 150 emails from the Hotline. We do have room for improvements, both to clarify to the public how best to use Herp Hotline as a resource and for us to understand what are the questions on people's minds!

48. APPENDIX A. CONSTITUTION

ASIH CONSTITUTION (revised & ratified 2 August 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.

Article III: Membership

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

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

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

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

Article IV: Officers

Section 1. The officers of the Society shall be: A President, who shall assume the duties of this office for a one-year term immediately following a term as President-Elect. A President-Elect, who shall serve a one-year term; the office shall alternate annually between an ichthyologist and herpetologist; the President-Elect shall be ineligible for another term until two years have elapsed from the end of a term as President. A Treasurer, a Secretary, and an Editor shall be elected annually.

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 the 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.

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 either 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, and 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.

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 will include from 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 proposals recommended by meeting organizer 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 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.

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 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.

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 shall 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 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 at 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 shall serve on the Board of Governors throughout their terms; all Associate Editors shall be members 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

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 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.

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.

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.

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 shall 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 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 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 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.

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 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 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.

Article XV: Honorary Foreign Members

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

Article XVI: Society Sets of COPEIA

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

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 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.

						Total Publications	76,604	67,428
						Investment Income		
						Interest	574	73
						Dividends and Short Term Gains	22,845	28,561
						Long Term Capital Gains	41,134	22,678
						Unrealized Gains/Losses	-55,179	255,947
						Total Investment Income	9,374	307,258
						Miscellaneous Income	26	0
						Total Income	242,696	512,372
						Expense		
						Program Services		
						Awards	30,119.66	31,072.16
						Annual Meeting		
						JHIM Costs (Deposits, Abstracts, etc.)	16,030.65	27,109.55
						Childcare	7,849.75	1,143.75
						Total Annual Meeting	23,880.40	28,253.30
						Committee Expenses	4,331.51	0.00

				Costs of Soliciting Donations	0.00	5,580.00
				Gifts Given	3,000.00	100.00
				Miscellaneous Program Services Expenses	1,976.26	0.00
				Publications		
				Copeia		
				AllenTrack	4,828.41	3,920.30
				Editorial Offices	34,798.00	35,299.24
				Printed version	45,423.26	74,721.91
				Electronic version	11,765.82	17,451.84
				Miscellaneous Copeia Expenses	35,475.54	0
				Total Publication Expenses	132,291.03	131,393.29
				Total Program Services	195,598.9	196,398.8
				Supporting Services		
				Management and General Operations		
				Allen Press Business Office	30,484.27	31,826.75
				Secretary's Office	11,981.10	17,874.59
				Treasurer's Office	3,790.65	0.00
				Website	17,081.10	7,092.36
				Dues & Subscriptions	0.00	470.00
				Annual Audit & IRS Form 990 Preparation	9,250.00	8,500.00
				Bank Charges & Fees	2,697.95	2,282.79

						Other Fees & Service Charges	33.15		28.60
						Total Management and General Operations	75,318.22		68,075.09
						Uncategorized Expenses	188.50		0.00
						Voided check	0.00		0.00
						Total Supporting Services	75,506.72		68,075.09
						Total Expense	271,105.58		264,473.84
						Net Income	-28,409.55		247,898.40

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

Description	2010	2011	2012	2013	2014	2015	2016	2017	2018
Second member in family	36	29	32	34	34	36	36	38	22
Foreign Honorary Member Print&Online	30	30	30	32	32	32	32	33	33
Life Member Print&Online 1st payment	2	1	1	1	1			1	
Life Member Print&Online 4th payment	1								
Life Member Print&Online - New Program	185	185	178	71	70	73	72	72	74
Life Member Print&Online - Old Program			1	104	100	98	97	96	93
Life Member Online Only								1	1
Life Member Online Only - Lifetime	2	2	2	1	1	1	1	1	2
Life Member Online Only				4	5	5	5	5	6
Post Doc / Temp Job Print&Online					3	2	15	12	7
Post Doc / Temp Job Online Only				1	19	43	47	49	64
Regular Member Print&Online	798	700	623	589	508	486	429	380	363
Regular Member Online Only	472	433	411	457	390	406	399	379	435
Staff Membership			1	2	1	1	1	2	2
Student Member Print&Online	118	98	74	57	47	46	38	47	51
Student Member Online Only	326	318	272	326	324	325	463	384	353
Sustaining Member Print&Online	15	16	15	12	12	11	10	7	9
Sustaining Member Online Only	3	2	4	7	9	9	9	12	12
Member Subscriptions:	1988	1814	1644	1698	1556	1573	1654	1519	1527

Table 2 cont..

		2010	2011	2012	2013	2014	2015	2016	2017	2018
Complementary Subscriptions		7	7	7	7	8	7			
Institutional Subscriptions Print&Online		417	345	279	237	201	152	125	98	84
Institutional Subscriptions Online Only		73	91	97	110	113	120	130	125	113
Institutional Subscriptions:		490	436	376	347	314	272	255	223	197
BioOne revenue share and article sales		\$ 49,528	\$50,999	\$49,403	\$52,164	\$49,516	\$65,134	\$72,520	\$54,390	\$72,113
Subscription equivalent based on \$175 average subscription		283	291	282	298	283	372	414	311	412
JSTOR revenue share and article sales		\$ 9,485	\$10,103	\$10,320	\$10,353	\$10,600	\$10,975	\$11,020	\$11,020	\$10,681

Table 3. 2018 year end balance sheet (accrual basis) with comparison to previous year.

	<u>Dec 31, 18</u>	<u>Dec 31, 17</u>
ASSETS		
Current Assets		
Checking/Savings		
Adjusting Journal Entries	300	300
US Bank	49,813	81,258
WFA CAP checking	79,833	112,270
WFA Command Asset Prog Acct	<u>186,115</u>	<u>182,356</u>
Total Checking/Savings	316,061	376,184
Accounts Receivable		
Accounts Receivable	<u>77,030</u>	<u>66,362</u>
Total Accounts Receivable	77,030	66,362
Other Current Assets		
WFA Managed Investment Acct	<u>1,410,305</u>	<u>1,404,786</u>
Total Other Current Assets	<u>1,410,305</u>	<u>1,404,786</u>
Total Current Assets	1,803,396	1,847,332
Other Assets		
Permanently restricted invest.	132,000	132,000
Prepaid Expenses	<u>1,000</u>	<u>1,000</u>
Total Other Assets	<u>133,000</u>	<u>133,000</u>
TOTAL ASSETS	<u><u>1,936,396</u></u>	<u><u>1,980,332</u></u>
LIABILITIES & EQUITY		
Liabilities		
Current Liabilities		
Accounts Payable		
*Accounts Payable	<u>1,932</u>	<u>32,889</u>
Total Accounts Payable	1,932	32,889
Other Current Liabilities		
Deferred Income--Life Membershi	1,540	1,540
Deferred Revenue--Memberships	139,075	132,225
Deferred Revenue--Subscriptions	<u>84,270</u>	<u>87,320</u>
Total Other Current Liabilities	<u>224,885</u>	<u>221,085</u>
Total Current Liabilities	<u>226,817</u>	<u>253,974</u>
Total Liabilities	226,817	253,974
Equity		
*Retained Earnings	221,952	-749
Permanently Restricted Assets		
Gibbs	100,000	100,000

Raney	32,000	32,000
Total Permanently Restricted Assets	132,000	132,000
Temp Restricted Net Assets		
Gibbs	32,490	32,490
Total Temp Restricted Net Assets	32,490	32,490
Unrestricted Net Assets		
Board Designated		
Annual Meeting	114,875	114,875
Fitch	21,365	21,365
Gaige	69,512	69,512
General Endowment	154,312	154,312
Graduate Student Travel Fund	25,862	25,862
Life Membership	86,110	86,110
Meritorious Teaching	646	646
Raney	54,420	54,420
Storer	28,730	28,730
Stoye	84,466	84,466
Total Board Designated	640,298	640,298
General Operating	699,617	699,617
Total Unrestricted Net Assets	1,339,915	1,339,915
Net Income	-16,778	222,701
Total Equity	1,709,579	1,726,358
TOTAL LIABILITIES & EQUITY	1,936,396	1,980,332

Table 4. ASIH accounts and their allocation to ASIH Funds as of 31 December 2018.

ASIH Funds	Cash and Cash Equivalents		Investment	Total
	US Bank	Wells Fargo Advisors	Wells Fargo Advisors	
	\$ 101			
General Operating	,511	\$ 236,577	\$ 328,704	\$ 709,004
Annual Meeting	\$ -	\$ -	\$ 27,577	\$ 20,000
Student Travel	\$ -	\$ -	\$ 9,853	\$ 11,050
Gibbs	\$ -	\$ -	\$ 135,753	\$ 133,498
General				
Endowment	\$ -	\$ -	\$ 226,117	\$ 226,117
Let Students Ride	\$ -	\$ -	\$ 0	\$ 10,784
Stoye	\$ -	\$ -	\$ 97,061	\$ 95,729
Life Membership	\$ -	\$ -	\$ 88,532	\$ 88,532
Raney	\$ -	\$ -	\$ 76,31	\$ 76,315
Gaige	\$ -	\$ -	\$ 55,975	\$ 55,975
Storer	\$ -	\$ -	\$ 90,965	\$ 90,965
Fitch	\$ -	\$ -	\$ 30,973	\$ 30,973
Total	\$ 101,511	\$ 236,577	\$ 1,168,643	\$ 1,548,943

Table 5. Portfolio detail of the Wells Fargo Advisors Managed Account (Fund Source Moderate Growth) on 31 Dec 2018.

	Initial Purchase Date	Shares	Cost	Unrealized Gains/(Loss)	Market Value 31 Dec 2019
Equity Investments					
Large Cap Equity					
<i>Large Cap Growth</i>					
Amer Fds Wash Mut	3/27/2015	3115.19800	\$ 127,424	\$ 423	\$ 127,848
<i>Large Cap Value</i>					
Dodge & Cox Stock Fund	10/13/2011	439.16300	\$ 61,136	\$ 14,756	\$ 75,892
T Rowe Price Blue Chip	3/27/2015	1,084.14900	\$ 78,949	\$ 25,162	\$ 104,111
Mid Cap Equity					
<i>Mid Cap Blend</i>					
Hartford Mutl Fds Inc	9/14/2016	1494.57500	\$ 37,698	\$ (49)	\$ 37,648
Principal Fds Inc	9/14/2016	2661.53300	\$ 38,484	\$ (4,896)	\$ 33,589
Wells Fargo Spl M/C	9/14/2016	1342.05100	\$ 44,577	\$ (1,028)	\$ 43,550
Small Cap Equity					
<i>Small Cap Value</i>					
Wells Fargo Sm Co Grw In	9/14/2016	781.26600	\$ 33,445	\$ 3,633	\$ 37,079
New Champlain Small Co Fd	3/27/2015	2153.25900	\$ 36,859	\$ (82)	\$ 36,778
International					
Europacific Growth Fund	9/4/2012	735.62100	\$ 31,042	\$ 1,995	\$ 33,037
Multi-class					
Thornberg Invt Income Bldr Fd	10/13/2011	2891.19000	\$ 58,424	\$ (51)	\$ 58,373

Fixed Income Investments

Intermediate Fixed Income

Fidelity Advsr Srvs Strtgc Inc	10/3/2014	3635.38300	\$	45,043	\$	(2,172)	\$	42,607
Managers Funds Bond Fund	10/13/2011	2887.77200	\$	78,126	\$	(4,517)	\$	73,609
Metropolis West Tot Ret Bnd Fnd	10/13/2011	9909.83700	\$	105,290	\$	(2,325)	\$	102,964
Amer Centy Inv Tr Divers Bnd Fnd	9/14/2016	8767.28000	\$	96,319	\$	(5,666)	\$	90,654

International/Emerging Market Markets Debt

Oppenheimer Intl Bod Fund	10/13/2011	9539.96400	\$	59,103	\$	(4,828)	\$	51,134
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Emerging Market Debt

Mfs Ser Tr Emerg Mkt Debt Fund	9/5/2012	2252.21800	\$	34,318	\$	(3,575)	\$	30,743
Wells Fargo FDS Emerg Mkt Equity Fnd	9/12/2013	2004.83600	\$	43,588	\$	659	\$	44,247

Other Holdings

High-yield Fixed Income

Mainstay Fd High Yield Income	9/14/2016	4098.09000	\$	23,462	\$	(1,376)	\$	21,884
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REITS and MLPS

Cohen & Steers Realty Shares	10/13/2011	354.92600	\$	22,598	\$	(1,942)	\$	20,657
Pimco Fds Pac Invt Mgmt Ser	8/28/2017	3197.33500	\$	21,134	\$	(3,421)	\$	17,713
Mfs Global Real Estate Fund	8/15/2018	1993.23300	\$	31,988	\$	(2,767)	\$	29,221

Total			\$	1,109,008	\$	7,935	\$	1,113,338
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50. APPENDIX C. CANDIDATE INFORMATION FOR 2019 ELECTIONS

SLATE OF CANDIDATES FOR THE GENERAL ELECTION THAT WILL BE HELD AFTER THE 2019 MEETING VIA ONLINE VOTING.

PRESIDENT – ELECT

Chernoff, Barry. Robert Schuman Professor of Biology, Earth & Environmental Sciences / Director, College of the Environment / Wesleyan University, Middletown, CT 06457. Email: bchernoff@wesleyan.edu.

Research Interests: Evolution, biogeography, conservation ecology, ecological genetics of stream fishes, systematics and genomics of freshwater fishes with emphasis on Eastern North America and the Neotropics.

Service to ASIH: ASIH member since 1974; Board of Governors 1984-1989, 1993-1998; Stoye Award Judge (10 times); Nominating Committee (three times, multiple year appointments); Raney Fund Award Member (two times); Resolutions Committee (one time); Student Career Workshop Panel member (three times); Co-Organized Symposium on Morphometrics, 1983; Nelson Award Committee, Chair, 2013; Conservation Committee Member, 1998-Present.

McCormick, Frank H. Research Program Manager, Rocky Mountain Research Station, USDA Forest Service, Fort Collins, CO. Email: frank.h.mccormick@usda.gov

Research Interests: Ecosystem responses of freshwater fish assemblages to climate change, natural and anthropogenic disturbance regimes.

Service to ASIH: Conservation Committee (Chair, 1998 – present; Member, 1994-present); Board of Governors (2001-2006); Resolutions Committee (1998-1999, 2012, 2014); Robert K. Johnson Award Committee (2006-2008, Chair 2008); Stoye and Storer Awards Judge (several times); Committee on Graduate Student Participation (2010); Institutional Animal Care and Use Committee (2017-present); Student Speed Networking (several times since 2009); Conservation Symposium Organizer, Salmon Conservation, Guelph, Ontario, Canada, 1998; Non-indigenous Species and Biodiversity of Native Species, Kansas City, MO, 2002; Biodiversity & Agriculture. Montreal, Quebec, Canada. 2009.

NOMINATING COMMITTEE CHAIR

Tornabene, Luke.: Assistant Professor in the School of Aquatic and Fishery Sciences, Curator of Fishes at the Burke Museum of Natural History and Culture, University of Washington, Seattle 98105

Email: luke.tornabene@gmail.com

Research Interests: Systematics, phylogenetics, biodiversity, coral reefs, evolution and ecology.

Service to ASIH: Member (2006 – Present); Board of Governors (2017-present); Book Review Editor, *Copeia* (2016-Present); Storer Award Committee (2016-2017); Storer Committee Chair (2017-2018); Resolutions Committee (2016-2017); Nominating Committee (2018-2019); ASIH Liaison to American Fisheries Society (2012-2017).

NOMINATING COMMITTEE - HERPETOLOGY

Reider, Kelsey E. Postdoctoral Research Associate, Department of Biological Sciences, Florida International University, Miami, FL 33199. E-mail: kreider@fiu.edu.

Research Interests: Climate change and other anthropogenic impacts on amphibians and reptiles; frog adaptations to extreme environments; high-elevation wetlands; tropical ecology.

Service to ASIH: Member (2008 -2019); Best Paper in *Copeia* Review Panel (2018).

Siegel, Dustin S. Associate Professor, Department of Biology, Southeast Missouri State University, Cape Girardeau, MO 63701. Email: dsiegel@semo.edu.

Research Interests: Evolution of reproductive cycles, urogenital systems, and secondary sexual characteristics of amphibians and reptiles.

Service to ASIH: Member (2005–present); Student Travel Awards Chair (2010–2011); Workshop Panel Member (2011); Associate Editor, *Copeia* (2012–present); Publication Policy Committee (2012–present); Board of Governors (Class of 2017; Class of 2023); Graduate Student-Professional Speed-Networking Workshop (2016–2017); Resolutions Committee (2018–present).

NOMINATING COMMITTEE - ICHTHYOLOGY

Cashner, Mollie F. Associate Professor, Department of Biology, Austin Peay State University, Clarksville, TN 37040. Email: cashnerm@apsu.edu

Research Interests: Reproductive biology of freshwater fishes, particularly North American minnows, conservation genetics, and evolution of fright reaction in Cyprinidae.

Service to ASIH: BOFG Class 2022, Nominating Committee Chair (2017), Nominating Committee (2016), Ad Hoc Committee on ASIH Membership (2015-2017), JMIH Graduate Student Workshop Panelist (2017), BOFG Class 2016, Student Presentation Judge (multiple years), Session Chair at JMIH (multiple years), ASIH Education and Human Resources Committee member (2009-2014), Ichthyology Information Coordinator (2001-2009).

Krabbenhoft, Trevor. Assistant Professor, Department of Biological Sciences and RENEW Institute, University at Buffalo, Buffalo, NY. Email: tkrabben@buffalo.edu

Research Interests: Ecological genomics of freshwater fishes; genome evolution and polyploidy.

Service to ASIH: Ad hoc reviewer for *Copeia* (5 manuscripts); Session moderator (2016, 2017, 2018); Judge, Best Student Oral Presentation in Conservation Biology (2017).

Peterson, Mark. Professor Emeritus, School of Ocean Science and Engineering, Division of Coastal Sciences, University of Southern Mississippi, Ocean Springs, MS 39564. Email: mark.peterson@usm.edu

Research Interests: Fish ecology, threatened/endangered species ecology and life history, invasive species, and spatial/temporal community ecology of saltmarsh fishes.

Service to ASIH: Stoye Award judge (8 times, 1 Chair); Storer Award judge (one time); Board of Governors (2005-10); Session Chair (1993-2019, 11 times); 1999-2002 Southeastern ASIH (Sec/Tres/Pres Elect/President).

BOARD OF GOVERNORS – HERPETOLOGY

Bodinof Jachowski, Catherine M. Assistant Professor, Clemson University, Department for Forestry and Environmental Conservation, Clemson, SC 29634. Email: cjachow@clemson.edu.

Research Interests: Freshwater ecology; amphibian biology and ecology; effects of global changes on freshwater ecosystems.

Service to ASIH: Member (2011-2012, 2019).

Davenport, Jon M. Assistant Professor of Biology, Appalachian State University, Boone, NC 28608. Email: davenportjm@appstate.edu.

Research interests: Community ecology in freshwater and terrestrial ecosystems involving ectotherms; the effects of climate change on northern ectotherm populations.

Service to ASIH: Member (2015-present); Stoye Ecology Award Judge (2016).

Davis, Mark A. Conservation Biologist, Illinois Natural History Survey, Prairie Research Institute, University of Illinois Urbana-Champaign, Champaign, IL 61820. Email: davis63@illinois.edu.

Research Interests: Pitviper evolution, ecology, and life history; phylogenetics; population genetics; environmental DNA monitoring of biodiversity; geometric morphometrics; conservation of threatened, endangered, and IUCN red-listed amphibians and reptiles; large-scale partnership-driven landscape conservation.

Service to ASIH: Member (2002-present); Chair, Stoye Student Award Competition (Conservation, 2014); Moderator, Stoye Student Award Competition (General Herpetology, 2016); Stoye Student Award Judge (Ecology & Ethology, 2010; General Herpetology, 2014; General Herpetology, 2016); Speed Networking Event for Graduate Students (Planning Committee Member, 2010-2014; student participant, 2010; professional participant, 2016); *Copeia* manuscript referee (2010-present).

Fisher, Robert, N. Supervisory Research Biologist, USGS, Western Ecological Research Center, San Diego Field Station, San Diego, CA 92101. Email: rfisher@usgs.gov.

Research Interests: Impacts of urbanization on herpetofaunal diversity; historic biogeography of the Pacific Basin and southwestern North America; Island biogeography of tropical herpetofauna.

Service to ASIH: Member (1990 – present); Symposium Organizer (Herpetofauna of Southern California and Baja California, 80th Annual Meeting of the American Society of Ichthyologists and Herpetologists, La Paz, Baja California Sur, Mexico, 2000); Stoye Conservation Award Committee Chair (2016); Annual Meetings Session Chair (2008, 2009, 2010, 2012, 2015, 2016).

Murray, Chris M. Assistant Professor, Department of Biology, Tennessee Technological University, Cookeville, TN 38505. Email: cmmurray@tntech.edu

Research Interests: Physiological ecology of reptiles, amphibians and fish including population and community dynamics, endocrine-disrupting ecotoxicology and climate change effects; Functional and diagnostic morphology; Biological philosophy.

Service to ASIH: Member (2008 – present); Meeting attendee (2009, 2011-2018); ASIH book raffle worker and graduate student travel awardee (2009); Donn Rosen Symposium invited speaker (2015); Stoye and Storer Award judge, General Herpetology (2017); Chair, ASIH Resolutions Committee (2018).

Pilgrim, Melissa. Director of Research and Professor of Biology; University of South Carolina Upstate, 800 University Way, Spartanburg, SC 29303. Email: mpilgrim@uscupstate.edu

Research Interests: Physiological ecology, ecotoxicology, stable isotope ecology, life history evolution, conservation biology.

Service to ASIH: Endowment and Finance Committee (2018-present); Gaige Fund Award Committee (2016-2018, Chair 2018); co-chair, Awards Committee (2012); Stoye Award Judge (2006, 2011); Board of Governors (2005-2010); Committee on Graduate Student Participation, 2004, Led workshop "Stable Isotopes in Ecology: Understanding the utility and limitations of using stable isotope techniques to answer ecological questions?"; Reviewer for *Copeia*.

Putman, Breanna J. Postdoctoral Researcher, Natural History Museum of Los Angeles County, Los Angeles, CA 90007. **Email:** putman.bree@gmail.com.

Research Interests: Effects of urbanization and human activity on native and non-native reptiles; predator-prey interactions; rattlesnake foraging ecology and behavior.

Service to ASIH: Member (2019-present)

Ruane, Sara. Assistant Professor, Rutgers University-Newark, Newark, NJ; Research Associate, American Museum of Natural History, Dept. Herpetology, Division of Vertebrate Zoology, New York, NY 10024. Email: sara.ruane@rutgers.edu.

Research Interests: Systematics and evolutionary biology of reptiles and amphibians, especially of snakes.

Service to ASIH: Member (2007–present); Board of Governors term 2015–2020; Gaige Fund Award Committee 2018–present; Co-chair of Education & Human Resources Committee (2017–present); reviewer for *Copeia*; *Copeia* Editorial Board Member (2018–present).

Waldron, Jayme L. Associate Professor, Department of Biological Sciences, Marshall University, Huntington, WV 25755. **Email:** waldron3@marshall.edu.

Research Interests: Amphibian and reptile ecology and conservation; life history traits as attributes of species vulnerability to extinction.

Service to ASIH: Member (2004-present).

Watkins-Colwell, Gregory J. Sr. Collections Manager of Herpetology & Ichthyology, Yale Peabody Museum of Natural History, New Haven, CT 06511. Email: gregory.watkins-colwell@yale.edu

Research Interests: Lizard systematics and biogeography. Museum collections and collection history.

Service to ASIH: Member (2010-present (and a little in the 1990's)); Herpetological Education Committee (2004-2014); Co-Chair WCH/JMIH Symposium *Technology and Innovations in Herpetology and Ichthyology Collections* (2012); Herpetological and Ichthyological Collections Committee (HICC) member (2008-present); HICC Co-Chair (2012-2016); HICC Chair (2016-present); Board of Governors member (2013-2017); Spiritus Award Formation Committee (2015-2016); Spiritus Award Committee member (2016-2018); Spiritus Award Committee Chair (2018); ASIH Liaison to Society for the Preservation of Natural History Collections (2009-2017); Symposium Co-Organizer (The Expanding Role of Natural History Collections, Snowbird, UT, 2019).

BOARD OF GOVERNORS - ICHTHYOLOGY

Aguirre, Windsor. Associate Professor, Department of Biological Sciences, DePaul University, Chicago, IL 60614. Email: waguirre@depaul.edu

Research Interests: Morphological evolution, microevolution, ecology and evolution of freshwater fishes in northwestern South America.

Service to ASIH: Best Paper in Ichthyology Awards Committee (2019, 2016 & 2015), Storer award judge (2016, 2011), Stoye award judge (2013), reviewer for *Copeia*.

Collyer, Michael. Associate Professor and Program Director, MS Biology, Chatham University, Pittsburgh, PA.. 15232. Email: m.collyer@chatham.edu

Research Interests: Evolution, phylogenetic comparative methods, geometric morphometrics, evolutionary ecology of fishes

Service to ASIH: Raney Fund Award (2012-2014, chair 2014); *Copeia* Best Student Paper, Ichthyology Judge (multiple times); Storer Award Judge (2012); *Copeia* Editorial Board (2012-2018)

Davis, Matthew. Associate Professor, Department of Biological Sciences, St. Cloud State University, St. Cloud, MN, 56301. Email: mpdavis@stcloudstate.edu

Research Interests: Deep-sea fishes, macroevolution, bioluminescence, systematics, taxonomy, and character evolution.

Service to ASIH: Associate Editor of Genetics, Development, and Morphology for *Copeia*, 2018–Present; Editorial Board Member for *Copeia* 2014–Present, Stoye award judge.

Douglas, Marlis R. Professor and Bruker Chair of Life Sciences, Biological Sciences, University of Arkansas, Fayetteville, 72701. Email: mrd1@uark.edu

Research Interests: Conservation genomics, molecular ecology and diversity of fishes. Geographic emphasis on arid southwest, Ozark highlands and Himalayas. Primary research interests involve: Genetic/genomic and morphometric approaches to biogeography, phylogeography, population structure, and ecology of fishes, and deciphering diversification patterns as a guide for biodiversity conservation.

Service to ASIH: Board of Governors (2002-2017); ASIH-AFS Liaison (2013-present); Meeting Management and Planning Committee (2012-present); Co-Organizer Student-Professional Networking Workshop (2011-2017); Co-organizer/sponsor ASIH Symposium (2012), AFS/ASIH/TWS Symposium (2019); Stoye Award Committee (2001, 2006, 2007); Book Review Editor *Ichthyology* (2003-2006); Editorial Policy Committee (2003-2006); Editorial Assistant *Copeia* (1995-1998); Resolutions Committee (2000, 2015); Reviewer *Copeia*; Moderator contributed paper sessions.

Frable, Ben W. Collection Manager, Marine Vertebrate Collection, Scripps Institution of Oceanography, University of California San Diego CA, 92093-0244. Email: bfrable@ucsd.edu

Research Interests: Evolution biology, taxonomy, phylogenetics, and historical biogeography of various fishes, especially neotropical characiforms, Indo-Pacific reef fishes and mesopelagic fishes. Collection curation and management.

Service to ASIH: Collection Committee (2012-Present); reviewer for *Copeia*.

Gibson, Sarah. Assistant Professor, Department of Atmospheric and Hydrologic Sciences, St. Cloud State University, St. Cloud, MN 56301. Email: szgibson@stcloudstate.edu

Research Interests: Paleontology, paleoichthyology, morphology, and systematics of fishes from the Early Mesozoic, with an emphasis on North American taxa from the Triassic Chinle Formation.

Service to ASIH: Editorial Board member for *Copeia*, 2018–Present; Best Paper in Ichthyology Awards Committee, 2015–2017; JMIH Resolutions Committee, 2018–Present.

Huber, Sarah K. Curatorial Associate, Nunnally Ichthyology Collection, Virginia Institute of Marine Science, College of William & Mary, Gloucester Point, VA 23062. Email: skhuber@vims.edu

Research Interests: Previous research examined ecological speciation and animal communication. Recent research focus involves best practices in the care and use of ichthyology collections and to the role of outreach and education in promoting natural history collections.

Service to ASIH: Co-chair of the Ichthyology and Herpetology Collections Committee (2016-present), Nominating Committee (2018)

Rocha, Luiz A. Associate Curator and Follett Chair of Ichthyology, California Academy of Sciences, San Francisco, CA 94118. Email: LRocha@calacademy.org

Research Interests: Evolution, biogeography, conservation, and systematics of fishes with an emphasis on coral reefs.

Service to ASIH: ASIH Board of Governors, 2012–2017; ASIH representative to the Society for the Preservation of Natural History Collections, 2012–2017; Storer Award judge, 2014; ASIH Facebook group (3,700 members) creator and administrator, 2014–present.

Tan, Milton. Research Scientist Biodiversity Genomics, Illinois Natural History Survey, University of Illinois Urbana-Champaign, Champaign, IL 61820. Email: miltont@illinois.edu

Research Interests: Evolution, systematics, genomics, and diversification in fishes, with an emphasis on freshwater fishes.

Service to ASIH: 2016 R workshop co-organizer and instructor; Neotropical Ichthyological Association student presentation judge, 2017; Best Paper in Ichthyology Awards Committee, 2019.

Welsh, Stuart A. Adjunct Professor, and Assistant Unit Leader, USGS WV Cooperative Fish and Wildlife Research Unit, Division of Forestry and Natural Resources, West Virginia University, Morgantown, WV 26506. Email: swelsh@wvu.edu

Research Interests: Zoogeography, Systematics, Migration and Movements of Fishes, Habitat Use, Life History, Conservation Ecology, Rare and Endangered Fishes

Service to ASIH: Session chair and Student paper judge (multiple meetings), participating professional in Graduate Student-Professionals Speed-Networking Workshop (two times).

ELECTION/RE-ELECTION OF INCUMBENT OFFICERS AND EDITORS 2019

The following officers and editors agree to serve the ASIH and must be elected for 2019. Please cast your vote for new and incumbent officers.

- _____ Prosanta Chakrabarty – Secretary
- _____ Katherine Maslenikov – Treasurer
- _____ Wm. Leo Smith – Editor
- _____ Matthew G. Girard – Figure Editor [New]
- _____ Donald G. Buth – General Ichthyology Associate Editor
- _____ Matthew T. Craig – General Ichthyology Associate Editor
- _____ Roberto E. Reis – General Ichthyology Associate Editor
- _____ Michael J. Lannoo – General Herpetology Associate Editor
- _____ Jacob Kerby – General Herpetology Associate Editor
- _____ Bryan L. Stuart – General Herpetology Associate Editor
- _____ Matthew P. Davis – Genetics, Development & Morphology Associate Editor
- _____ Terry Grande – Genetics, Development & Morphology Associate Editor
- _____ Dustin Siegel – Genetics, Development & Morphology Associate Editor
- _____ Jacqueline Litzgus – Ecology & Ethology Associate Editor
- _____ Joel Snodgrass – Ecology & Ethology Associate Editor
- _____ Mia Adreani – Ecology & Ethology Associate Editor [New]
- _____ Catherine R. Bevier – Physiology & Physiological Ecology Associate Editor
- _____ Jay W. Orr – Taxonomic Index Associate Editor
- _____ Cynthia Klepadlo – Subject Index Associate Editor
- _____ Luke Tornabene - Book Review Editor – Ichthyology
- _____ Robert Espinoza - Book Review Editor – Herpetology

SLATE OF CANDIDATES FOR THE BOARD OF GOVERNORS ELECTION TO BE HELD ON 24 JULY 2019.

ROBERT H. GIBBS JR. MEMORIAL AWARD COMMITTEE

Bart, Henry L. Jr. Professor of Ecology and Evolutionary Biology, Tulane University; Curator, Royal D. Suttkus Fish Collection, Tulane University Biodiversity Research Institute, Belle Chasse, LA 70037, Email: hbartjr@tulane.edu.

Research Interests: Ecology and Systematics of Freshwater and Marine Fishes

Service to ASIH: Board of Governors 1996-2000; 2006-2010; Co-Chair, Local Arrangements Committees - New Orleans meetings 1996, 2006, 2016; Robert H. Gibbs Memorial Award Committee 2001-2003; Robert K. Johnston Award Committee 2012-2014; Special Publications Committee 2001-2013; Meeting Management Committee 2001-2007; ASIH Ichthyological Animal Care Committee 1998-99; Joint AFS-ASIH-AFIR Committee to Revise Guidelines on Use of Fishes in Research 1998-2004, 2012-2014, Web Content and Management Committee (2006-2013); Stoye Award Judge (5 times); Oral Paper Session Moderator (10 times).

Leis, Jeffrey M. Senior Fellow Australian Museum Research Institute, Sydney; Adjunct Professor, Institute for Marine and Antarctic Studies, University of Tasmania, Hobart. Emeritus Research Scientist, Australian Museum (35 years). Email: jeffrey.leis@utas.edu.au

Research Interests: Systematics and larval biology of marine teleost fishes with emphasis on alpha taxonomy of fish larvae, the use of larval-fish morphology in systematics, and dispersal biology of marine fish larvae. Publications=144, approximately 1/3rd of which are on systematics, and including three books on larval-fish identification.

Service to ASIH: Robert H. Gibbs Jr. Memorial Award for Excellence in Systematic Ichthyology, 2015; Published research papers (n=4) and book reviews (n=2) in *Copeia*; Manuscript reviewer, *Copeia*; (ASIH service limited due to distance).

Munroe, Thomas A. Senior Scientist/Zoologist, National Marine Fisheries Service National Systematics Laboratory, NOAA, Smithsonian Institution, Post Office Box 37012, NHB, WC 57, MRC-153, Washington, DC 20013-7012. Email: munroet@si.edu

Research Interests: Taxonomy, systematics and biogeography of flounders and soles (Pleuronectiformes) with an emphasis on the families Cynoglossidae and Soleidae.

ASIH Service: Member since 1972; Recipient of Raney, Stoye, and Gibbs awards; Board of Governors (three times); Stoye Award Judge (four times, including Chair of Committee); Storer Award Judge; Professional member (twice) in Professional-Student Speed Networking event; Member of Local Committee for 2020 ASIH meeting, Norfolk, Virginia; Manuscript review, *Copeia*.

JOSEPH S. NELSON AWARD COMMITTEE

Armbruster, Jonathan. Director, Professor, and Curator of Fishes, Auburn University Museum of Natural History, Department of Biological Sciences, Auburn University, AL 36849. Email: armbrjw@auburn.edu

Research Interests: Systematics, taxonomy, morphology, and evolutionary ecology of fishes with an emphasis on the Loricariidae and Cyprinoidae; biogeography, particularly of the Guiana Shield region of South America.

Service to ASIH: Local committee (1992); Chair of Special Publications Committee (2001-present); Associate Editor for General Ichthyology (2003–2006); Editorial Board member for *Copeia* (2003–2006, 2019); Board of Governors (2009–2012); Stoye award judge (three times).

Summers, Adam P., Professor, University of Washington's Friday Harbor Laboratories, 620 University Rd., Friday Harbor, WA 98250. Email: fishguy@uw.edu

Research interests: Biomechanics and biomaterials, morphology of fishes, open access data and data processing.

Service to ASIH: Committee on JMIH Umbrella Business Organization–ASIH rep 2017–present; Nominating committee (2017); Co-Chair of Endowment & Finance Committee (2016–2019); Board of Governors (2009–2014); Resolutions Committee (Chair 2005, 2016), Gaige Fund Grant Committee (2005–2007), chair 2007; Session Chair (2001); Judge, Storer Best Poster Award (2002); Judge, Stoye Best Student Paper Award, General Ichthyology (2001), Morphology (2016); Member, Committee on Equal Participation (2000–2001); Committee on Graduate Student Participation (Member 1993–1996, Chair 1996–1998).

Heist, Edward J. Professor of Zoology and Associate Director, Center for Fisheries, Aquaculture, & Aquatic Sciences, Southern Illinois University, Carbondale. Email: edheist@siu.edu

Research interests: Conservation genetics of fishes including sharks, sturgeons and paddlefish.

Service to ASIH: Member, Joint Meeting Ichthyologists and Herpetologists Umbrella Business Organization Committee 2017-present; Member, Meritorious Teaching Award in Ichthyology 2014-present; Meeting Management Planning Committee 2008–2017 (chair 2011–2015); American Elasmobranch Society Liaison to American Society of Ichthyologists and Herpetologists 2008–2017 Participant, Professional-Student Speed-Networking Event, 2016.

HENRY S. FITCH AWARD FOR EXCELLENCE IN HERPETOLOGY

Deitloff, Jennifer. Associate Professor, Lock Haven University, Lock Haven, PA 17745. Email: jmd240@lockhaven.edu.

Research interests: Behavioral ecology and morphology of amphibians and reptiles.

Service to ASIH: Member of education and Human Resources Committee (2017-present); Judge for Genetics and Morphology Student Award for Best Oral Presentation (2012), Member (off and on, 2013-present); Judge and Chair of Ethology and Ecology Student Award Committee (2009). Other service at JMIH: Session Moderator (2010, 2012, 2015, 2016, 2018).

Moore, Jennifer A. Associate Professor, Biology Department, Grand Valley State University, Allendale, MI 49401. Email: moorejen@gvsu.edu

Research interests: Conservation and landscape genetics, spatial ecology, and population demography of at-risk species.

Service to ASIH: I haven't had the opportunity to serve on ASIH committees yet.

Ruane, Sara. Assistant Professor, Rutgers University-Newark, Newark, NJ; Research Associate, American Museum of Natural History, Dept. Herpetology, Division of Vertebrate Zoology, New York, NY 10024. Email: sara.ruane@rutgers.edu.

Research Interests: Systematics and evolutionary biology of reptiles and amphibians, especially of snakes.

Service to ASIH: Member (2007–present); Board of Governors (2015–2020); Gaige Fund Award Committee (2018–present); Co-chair of Education & Human Resources Committee (2017–present); *Copeia* Editorial Board Member (2018–present); Reviewer for *Copeia*.

ROBERT K. JOHNSON AWARD FOR EXCELLENCE IN SERVICE

McCormick, Frank H., Research Program Manager, Rocky Mountain Research Station, USDA Forest Service, Fort Collins, CO. Email: frank.h.mccormick@usda.gov

Research Interests: Ecosystem responses of freshwater fish assemblages to climate change, natural and anthropogenic disturbance regimes.

Service to ASIH: Conservation Committee (Chair, 1998 – present; Member, 1994–present); Board of Governors (2001–2006); Resolutions Committee (1998–1999, 2012, 2014); Robert K. Johnson Award Committee (2006–2008, Chair 2008); Stoye and Storer Awards Judge (several times); Committee on Graduate Student Participation (2010); Institutional Animal Care and Use Committee (2017–present); Student Speed Networking (several times since 2009). Conservation Symposium Organizer, Salmon Conservation, Guelph, Ontario, Canada, 1998; Non-indigenous Species and Biodiversity of Native Species, Kansas City, MO, 2002; Biodiversity & Agriculture. Montreal, Quebec, Canada. 2009; Manuscript review, *Copeia*.

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

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

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 Committee, 77th Annual Meeting University of Washington, Seattle, Washington, 26 June–2 July 1997; President, 1997; Life Member, Board of Governors, 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, 2007–2008; Honorary Foreign Member Committee, American Society of Ichthyologists and Herpetologists, 2009–2010; Local Committee, Annual Meeting, Vancouver, British Columbia, 2012; Nominating Committee, 2013–2015. Member, Editorial Board, 2007–2008; Honorary Foreign Member Committee, American Society of Ichthyologists and Herpetologists, 2009–2010; Local Committee, Annual Meeting, Vancouver, British Columbia, 2012; Nominating Committee,

2013–2015. Member, Editorial Board, 2007–2008; Honorary Foreign Member Committee, American Society of Ichthyologists and Herpetologists, 2009–2010; Local Committee, Annual Meeting, Vancouver, British Columbia, 2012; Nominating Committee, 2013–2015.

Piller, Kyle R., Schlieder Endowed Professor and Curator of Vertebrates, Southeastern Louisiana University, Department of Biological Sciences, Hammond, LA. Email: kyle.piller@selu.edu

Research Interest: Systematics, taxonomy, and population genetics of freshwater and marine fishes. Current projects include the diversification of the Goodeidae (Cyprinodontiformes), systematics and taxonomy of darters (Percidae), killifishes (Profundulidae), and livebearers (Poeciliidae), and environmental DNA monitoring of imperiled fishes.

Service to ASIH: Gibbs Award Committee (2016-2017, Chair 2018); Meeting Management and Planning Committee (2012-present); Raney Award Committee (2009-2010, Chair 2011); Board of Governors (2005-2009, 2014-2018); Resolution Committee Chair (2009); Stoye Award Judge Ichthyology (2009); Graduate Student Book Raffle Chair (2000); Graduate Student Workshop Chair (1999); Reviewer for *Copeia*.

SPIRITUS COMMITTEE

Huber, Sarah K. Curatorial Associate, Nunnally Ichthyology Collection, Virginia Institute of Marine Science, College of William & Mary, Gloucester Point, VA. Email: skhuber@vims.edu

Research Interests: Previous research examined ecological speciation and animal communication. Recent research focus involves best practices in the care and use of ichthyology collections and to the role of outreach and education in promoting natural history collections.

Service to ASIH: Co-chair of the Ichthyology and Herpetology Collections Committee (2016-present), Nominating Committee (2018).

Mochel, Susan. Assistant Collection Manager, Fishes, Gantz Family Collections Center, The Field Museum, 1400 South Lake Shore Drive, Chicago, IL, 60605. Email:

smochel@fieldmuseum.org

Research Interests: Collection Management.

Service to ASIH: ASIH Collections Committee member 2013-present, ASIH member 2013-present.

Salcedo, Norma J. Research Associate, Departamento de Ictiología, Museo de Historia Natural, Universidad Nacional Mayor de San Marcos, Lima, Peru. Email: SalcedoN@cofc.edu

Research interests: Systematics, taxonomy, morphology, speciation, and biogeography of Neotropical freshwater fishes.

Service to ASIH: Stoye Award-General Ichthyology judge, 2010 and 2013; ASIH Stoye Physiology & Physiological Ecology judge, 2016; Fish Morphology, Histology & Development, and NIA/ASIH Stoye Genetics, Development, & Morphology moderator, 2014 and 2015; General Ichthyology moderator, 2018; Endowment and Finance Committee, 2015-present; Collections Committee, 2015-present; Diversity Committee, 2017-present; Board of Governors, 2017-2021.

Honorary Foreign Member – HERPETOLOGY

First Position (single nominee): **Prof. Jing Che (China)**

Biographical Statement

Prof. Jing Che received her BSc (Biology) and MSc (Zoology) from Southwest Normal University (presently Southwest University), in Chongqing, China, and PhD (Herpetology) from Sichuan University, in Chengdu, China under the supervision of Academician Prof. Er-mi Zhao. After graduation, she obtained an Assistant Professor position in the Kunming Institute of Zoology, Chinese Academy of Sciences (KIZ, CAS) with Academician Prof. Ya-ping Zhang. Soon thereafter, she received funding for a postdoctoral research visit with Prof. David B. Wake (MVZ) and subsequently has had several additional visits to MVZ and the University of Texas, Austin with Prof. David Hillis. Since these trips, she has developed collaborations with other colleagues in the USA and elsewhere.

Career Highlights

Prof. Che works as a Principal Investigator, where her lab is funded as the Herpetological Diversity and Evolution Unit, State Key Laboratory of Genetic Resources and Evolution, KIZ, CAS. In addition to Chinese students, she has sponsored international students from places such as Thailand, Nigeria, and Kenya as well as others. She is committed to the education of students from developing countries. Her laboratory currently has six staff and students including five PhD and six MSc students. Research in the laboratory focuses on patterns and mechanisms (geographic, ecological and genetic factors) of herpetofaunal diversity, and other important evolutionary issues involving their phenotypic adaptation, especially to extreme environments. Some work investigates cryptic herpetological diversity across East Asia, Southeast Asia, South Asia and Africa, which uses “DNA Barcoding” in combination with morphological and ecological studies. Some investigations involve the systematics of ranoids, megophrids and salamanders and others probe patterns and processes of herpetofaunal diversification. Ongoing work involves the conservation genetics of the Chinese giant salamander and the genomic basis of phenotypic adaptations of endemic species of the Qinghai-Tibet Plateau.

Dr. Che has more than 70 publications in internationally peer reviewed journals such as *PNAS*, *Systematic Biology*, *Current Biology*, *Molecular Ecology* and *Molecular Phylogenetics and Evolution*. One recent achievement was the study recently published in *Current Biology* titled “The Chinese giant salamander exemplifies the hidden extinction of cryptic species”. Genome-level analyses discovered that *Andrias davidianus* consists of at least five and likely eight species. While this increases species diversity in China, it also complicates the management and protection of “the salamander” by raising a red flag that each redefined species urgently needs an evaluation of its status. This study was reported in *Science*, *BBC* and *New York Times*, and CCTV (China) among other media outlets. Further, recent work in Tibet resulted in several contributions, including in *PNAS*, and a book entitled “Amphibians and Reptiles in Tibet—Diversity and Evolution” will be published at the end of 2019.

Her work created the AmphibiaChina website. Prof. Che serves as one of the Vice Presidents of China Herpetological Society. She is an Associate editor in *Current Zoology*,

serves on the Editorial Board of Asian Herpetological Research and Zoological Research, and has reviewed submissions to many international journals.

Second Position (two nominees)

1. Dr. Patrick Kinyatta Malonza (Kenya)

Biographical Statement

Kinyatta Malonza was born into a family with no formal education and was the only member of his family to be schooled beyond primary level. After finishing his secondary education he was trained in wildlife conservation and management during his undergraduate studies at Moi University in Eldoret, Kenya. At that time he developed his interest in the conservation of wildlife and their habitats. His undergraduate experiences were chiefly with mammals and birds, but he was also introduced to herpetology and entomology. Since 1996 he has been employed at the National Museums of Kenya, initially as collection manager in the Herpetology Department. Stimulated by the availability of a large and diverse collection, his research interests expanded to include taxonomy and ecology, as well as conservation. He obtained a Masters in Dryland Biodiversity from Addis Ababa University, Ethiopia and a PhD in Natural Science from the Johannes Gutenberg University in Mainz, Germany. He is currently Senior Research Scientist in the Department of Zoology at the National Museums of Kenya. Beyond his academic interests, he practices traditional bee-keeping and is a crop and livestock farmer.

Career Highlights

Dr. Malonza is primarily known for his taxonomic and faunal work on Kenyan reptiles and amphibians. To enrich the national collection and provide a solid basis for comparative studies, he has conducted extensive herpetofauna field surveys in different habitats and has combined this work with field and specimen-based studies of the ecology of selected species. His work has led to the description of several new species and many recently discovered forms currently await description. Outreach is also an important part of Dr. Malonza's work. Due to negative attitudes towards reptiles and amphibians by the general public in Kenya, he has conducted extensive awareness training on the economic and ecological importance of these animals in the local environment. In light of the use of some species in ecotourism and as pets, he also provides guidance on safe and sustainable methods of reptile and amphibian husbandry that do not compromise the animals' welfare. In this capacity he collaborates with the Kenya Wildlife Service staff to perform regular inspections of reptile farms and parks to ensure compliance with wildlife utilization guidelines. Given that snakebite is a major problem in Kenya, he also regularly gives public lectures on snakebite management including identification of venomous and non-venomous snakes, avoiding snakebite, first aid procedures and snakebite treatment. He was instrumental in developing the Kenyan snakebite envenoming guidelines for the Kenyan Ministry of Health. He has been an active participant representing Kenya in both IUCN Red Listing and CITES listing activities.

2. Prof. Yehudah L. Werner (Israel)

Biographical Statement

Yehudah L. Werner, was born in Munich, Germany in 1931. He earned his MSc (Zoology with Botany and Parasitology) and PhD (Zoology, *summa cum laude*) at the Hebrew University of Jerusalem, where he taught vertebrate zoology and herpetology during 1953-1999 and curated the National Collection of Amphibians and Reptiles. He researched many aspects of reptile life and published over 480 abstracts, articles and research papers and several books. He continues researching as professor emeritus. Werner co-founded the Society for the Protection of Nature in Israel, is an honorary member of the Zoological Society of Israel, and is a Research Associate of the Senckenberg Museum in Dresden, Germany.

Career Highlights

Professor Werner has been, and remains, the preeminent herpetologist in Israel and a major contributor to our understanding of the herpetofauna, most especially the geckos, of the Middle East and other parts of the world. He has taught generations of herpetologists, mentoring herpetologists in Israel and globally. His reptile research focuses around three interactive research approaches: Geckos as a group with interesting and diverse evolution and ecology; structure-function relationships; and the fauna of the Middle East and its conservation. Each approach has yielded significant innovations. Werner made substantial contributions to the thermal biology of geckos (including thermal effects on auditory sensitivity), to gecko vocalizations (demonstrating that many species have a complex “vocabulary”) and to studies of foraging behavior of multiple taxa in several countries (showing a mixed or intermediate strategy in geckos). Other major avenues of research have included tail regeneration in geckos and the ecological and behavioral correlates of tail loss, and the study of gecko eye size.

Werner described 14 new species or distinctive subspecies of lizards and snakes, and one frog, from Israel and surrounding countries. He demonstrated how the Negev desert is both a bridge and a barrier, or a filter, between the Saharan and Arabian deserts. A series of books on Israel’s herpetofauna, starting with Hebrew-only guides to Israel and Sinai published in the 1960s, included both texts aimed at the general public and more technical ones (most recently, "Reptile life in Israel with comments on adjacent areas," Chimaira, Frankfurt, 2016). Over the years he has assisted many herpetologists from the Arab world, enlisting the help of colleagues in Europe and North America to serve as go-betweens. He has mentored 9 MSc theses, and 6 PhD dissertations, was the Editor of the Israel Journal of Zoology for over 15 years, and is currently on Editorial Boards of five journals.

51. APPENDIX D. 2019 OFFICERS, COPEIA STAFF, COMMITTEES, BOG

ASIH BOARD OF GOVERNORS 2019

Past Presidents		Executive Committee	Elected Governors (Sectional Editors)
Allen, L.G.	Inger, R.F.	Baldwin, C.C.	Mia Adreani
Baldwin, C.C.	Lundberg, J.G.	Beachy, C.	Bevier, C.
Beaupre, S.J.	Matthews, W.J.	Chakrabarty, P.	Buth, D.G.
Burr, B.M.	Mayden, R.L.	Cole, K.	Craig, M.T.
Cannatella, D.C.	McDiarmid, R.W.	Crother, B.	Davis, M.P.
Collette, B.B.	Mushinsky, H.R.	Espinoza, R.	Grande, T.
Crother, B.	Page, L.M.	Hillis, D.	Kerby, J.
Donnelly, M.A.	Parenti, L.R.	Maslenikov, K.	Klepadlo, C.
Douglas, M.E.	Pietsch, T.W.	Smith, W.L.	Lannoo, M.J.
Frost, D.R.	Pough, F.H.	Stouder, D.	Litzgus, J.D.
Gilbert, C.R.	Robins, C.R.	Summers, A.	Martin, K.L.
Greene, H.W.	Savage, J.M.		Orr, J.W.
Greenfield, D.W.	Savitzky, A.H.		Reis, R.E.
Gregory, P.T.	Shaffer, H.B.		Siegel, D.S.
Hanken, J.	Shaffer, H.B.		Smith, W.L.
Highton, R.	Smith, G.R.		Snodgrass, J.M.
Hutchison, V.H.	Trueb, L.		Stuart, B.
	Wake, M.H.		Tornabene, L.
			Webb, J.

Class of 2019	Class of 2020	Class of 2021	Class of 2022	Class of 2023
Cole, K.S.	Anthony, C.D.	Catenazzi, A.	Bell, R.	Conway, C.
Feldman, C.R.	Arnold, R.J.	Earl, Julia E. P	Berra, T.	Dillman, C.
George, A.L.	Davis Rabosky A.R.	Johansen, Rebecca	Cashner, M.	Fernandez, C.C.
Harris, P.M.	Ferry, L.	Johnson, G. David	Johnston, C.	Fitzgerald, L.A.
Hickerson, C-A.M.	López-Fernández, H.	McMahan, Caleb	Munroe, T.	Hews, D.K.
Hilton, E.J.	Maslenikov, K.P.	Rivas, Jesus	O'Donnell, K.M.	Irish, F.
Parker, M.R.	Richards-Zawacki, C.L.	Salcedo, Norma	Rabosky, D.I.	Malone, C.L.
Ruane, S.	Saporito, R.A.	Savage, Anna	Spenser, C.I.	Siegel, D.S.
Smith, W.L.	Sutton, T.T.	Taylor, Emily N	Sweet, S.S.	Sidlauskas, B.
Todd, B.D.	Whitfield, S.M	Walker, H.J.	Tornabene, L.	Webb, J.

Officers – 2019

President – Kathleen Cole
President-Elect – Christopher Beachy
Past President – Brian Crother
Prior Past President – Carole Baldwin
Secretary – Prosanta Chakrabarty
Treasurer – Kathleen Maslenikov
Editor – Wm. Leo Smith

***Copeia* Staff – 2019**

Editor – W. Leo Smith
Production Editor – Kathleen Smith
Figure Editor – Matthew G. Girard
General Ichthyology Editor – Roberto Reis
General Ichthyology Editor – Donald G. Buth
General Ichthyology Editor – Matthew T. Craig
General Herpetology Editor – Michael J. Lannoo
General Herpetology Editor – Bryan Stuart
General Herpetology Editor – Jacob Kerby
Ecology and Ethology Editor – Joel Snodgrass
Ecology and Ethology Editor – Jacqueline Litzgus
Ecology and Ethology Editor – Mia Adreani
Genetics, Development and Morphology Editor – Matthew P. Davis
Genetics, Development and Morphology Editor – Dustin Siegel
Genetics, Development and Morphology Editor – Terry Grande
Physiology and Physiological Ecology Editor – Karen Martin
Physiology and Physiological Ecology Editor – Catherine R. Bevier
Index Co-Editor (Subject) – Cynthia Klepadlo
Index Co-Editor (Taxonomic) – Jay W. Orr
Index Co-Editor (Virtual Issues) – Jacqueline Webb
Book Review Editor Ichthyology – Luke Tornabene
Book Review Editor Herpetology – Robert E. Espinoza

ASIH Committees - 2019

COMMITTEE ON GRADUATE STUDENT PARTICIPATION -

Officers:

Kim Foster - kimberly.l.foster@wmich.edu (Chair)
Adania Flemming (Chair-elect)
Helen Plylar (Secretary)

Book Raffle Committee:

Co-chairs: Helen Plylar; Florence Wen.

Committee members: Cooper Campbell; Jonathan Brynum; Allison Litmer
Workshop Committee:

Chair: Whitney Walkowski

Committee members: Heather Neldner; Cooper Campbell

Clark Hubbs Travel Awards Organizer:

A. J. Turner

Conservation Committee Representatives:

Brooke Perrera, Cooper Campbell, James Erdman

Social Committee:

Courtney Weyand (Chair);

Committee members: Arianna Rupp; Elyse Parker

Web Content and Management Committee Member:

Anat Belasen

JMIH Liason: Elyse Parker

International Liason: Diego Elias

CONSERVATION COMMITTEE -

Frank McCormick - asihcons@gmail.com (Chair), Brian Todd (Co-Chair) - btodd@ucdavis.edu

Members: Jonathan Baskin, Noel Bulkhead, Cooper Campbell, Todd Campbell, Barry Chernoff, Matt Craig, Marlis Douglas, Anna George, David Green, Pat Gregory, Malorie Hayes, Gene Helfman, Karen Lipps, Bill Loftus, Henry Mushinsky, Jack Musick, Nick Mandrak, Melanie Partin, Phil Pister, George Rabb, Stephen Richter, Erica Rottman, Alan Savitsky, Brad Shaffer, Gerald Smith, Mel Warren, Jim Williams

EDUCATION AND HUMAN RESOURCES COMMITTEE –

Michael Pauers - michael.pauers@uwc.edu (Chair); Sara Ruane (Co-Chair)

Members: Carol Johnston, Steve Kimble, Liz Marchio, Peter Konstantinidis

ENDOWMENT and FINANCE COMMITTEE –

Adam Summers (Chair) - fishguy@uw.edu; David Hillis (Co-Chair)

Members: Melissa Pilgrim, Catherine Malone

EXECUTIVE COMMITTEE –

Kathleen Cole – colek@hawaii.edu (Chair and President)

Members: Chris Beachy (President-elect), Brian Crother (Past President), Carole Baldwin (Prior Past President), Robert Espinoza (Chair of LRPP), Deanna Stouder (LRPP Co-Chair), Wm. Leo Smith (Editor), Adam Summers (Co-Chair of ENFC), David Hillis (ENFC Co-Chair), Katherine Maslenikov (Treasurer), Prosanta Chakrabarty (Secretary)

HENRY S. FITCH AWARD COMMITTEE –

Pat Gregory – viper@uvic.ca (Chair)

Members: Emily Taylor (2019-2021), Maureen Donnelly (2016-2020)

GAIGE FUND AWARD COMMITTEE -

Anna Savage – anna.savage@ucf.edu (Chair)

Members: Nancy Karraker (2017-2019), Sara Ruane (2018-2020)

HERPETOLOGICAL ANIMAL CARE COMMITTEE –

Christopher Parkinson – viper@clmson.edu (Chair)

Members: Jennifer Deitloff, Matthew Gifford, Sean Graham, Alan Savitzky, David Steen

ICHTHYOLOGICAL ANIMAL CARE COMMITTEE -

Phil Harris – pharris@ua.edu

Members: Nate Frassen, Michael Heithaus, Edie Marsh-Matthews, Alexandra Snyder, Frank McCormick

ICHTHYOLOGICAL AND HERPETOLOGICAL COLLECTIONS COMMITTEE –

Gregory Watkins-Colwell - gregory.watkins-colwell@yale.edu (Chair)

Sarah Huber (Co-Chair)

Members: James Erdmann (Student Rep), Mark Sabaj (Past-Chair), Kate Bemis, Adam Cohen, Jennifer Gardner, Coleman Sheehy III, Ken Thompson, Kevin Swagel, Alexander Snyder, Norma Salcedo, Sam Ghods, Ted Pietsch

JOINT ASIH-AFS COMMITTEE ON NAMES OF FISHES -

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

Members: Margaret Neighbors, Lloyd Findley, Carter Gilbert, Karsten Hartel, Juan Jacobo Schmitter-Soto, Robert Lea, Nicholas Mandrak, H.J. Walker, Bruce Collette, Ross Robertson, Kate Bemis

ROBERT K. JOHNSON AWARD COMMITTEE –

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

Members: Eric Hilton (2017-2020), Michael Douglas (2019-2021)

LONG RANGE PLANNING AND POLICY COMMITTEE –

Robert Espinoza (Chair), Deanna Stouder (Co-Chair)

Members: Larry Allen, Malorie Hayes, Eric Hilton, Carol Johnston, Shab Mohammadi, Margaret Neighbors, Rocky Parker

MEETING MANAGEMENT AND PLANNING COMMITTEE -

Henry Mushinsky - mushinsk@usf.edu (Chair); Marlis Douglas (Co-Chair)

Members: Kyle Piller

JOSEPH S. NELSON AWARD COMMITTEE -

Bruce Collette (Chair)

Members: Brian Sidlauskas (2018-2020), John Lundberg (2019-2021)

NOMINATING COMMITTEE -

Michael Douglas (Ichthyology) - (Chair)

Members: Brian Crother (Ex-Officio Herpetology), Luke Tournabene (Ichthyology), Abigail Berkey (Herpetology)

PUBLICATION POLICY COMMITTEE –

Leo Smith – leosmith@ku.edu (Chair)

Members: all Associate Editors and Book Review Editors

RANEY FUND AWARD COMMITTEE –

Caleb McMahan (Chair)

Members: Misty Paig-Tran (2017-2019), Rebecca Johansen (2018-2020)

RESOLUTIONS COMMITTEE – Kevin Conway et al. (will be officially appointed in Snowbird)

ROBERT H. GIBBS, JR. MEMORIAL AWARD COMMITTEE –

Kevin Conway (Chair)

Members: Melanie Stiassny (2018-2020), Karsten Hartel (2019-2021)

SPIRITUS COMMITTEE

Gregory J. Watkins-Colwell (chair), Katherine Pearson Maslenikov and Meredith J. Mahoney

STUDENT AWARDS COMMITTEE –

Chris Beachy – (Co-Chair), Eric Hilton (Co-Chair)

Members: Stoye & Storer Judges: To Be Announced at the Business Meeting

WEB CONTENT AND MANAGEMENT COMMITTEE –

Melissa Gibbs– mgibbs@stetson.edu (Chair)

Members: Maureen Donnelly, Bill Ludt, Caleb McMahan, James Watling, Jacqueline Webb

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, Susan Walls, Eric Hilton, Gregory Watkins-Colwell

REPRESENTATIVES TO OTHER SOCIETIES -

AMERICAN ELASMOBRANCH SOCIETY - Charles "Chip" Cotton - cottoncf@cobleskill.edu

AMERICAN FISHERIES SOCIETY – Marlis R. Douglas – mrd1@uark.edu, Michael E.

Douglas – med1@uark.edu

AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES - Alan Savitzky - savitzky@usu.edu

BIOONE – Alan Savitsky - savitzky@usu.edu

HERPETOLOGISTS' LEAGUE - Alan Savitzky - savitzky@usu.edu

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

SOCIETY FOR THE PRESERVATION OF NATURAL HISTORY COLLECTIONS – Randy Singer randal.a.singer@ua.edu

SOCIETY FOR STUDY OF AMPHIBIANS AND REPTILES - Alan Savitzky - savitzky@usu.edu

SOCIETIES CONSORTIUM ON SEXUAL HARASSMENT IN STEMM – Lynne Parenti - parentil@si.edu

DIVERSITY COMMITTEE -

Mariangeles Arce (chair), Rayna Bell (co-chair), Michael Franklin, Rocky Parker, Christopher Martinez, Kim Foster, Beck Wehrle, Norma Salcedo, and Melanie Stiasny

52. APPENDIX E. SUMMARY OF THE MEETINGS 2018

Published: December 17, 2018 [Copeia 106 (4):685-692. 2018]

2018:106(4):685-692

THE 98th annual meeting of the American Society of Ichthyologists and Herpetologists (ASIH) was held at the Joseph A. Floreano Rochester Riverside Convention Center in Rochester, New York from 11–15 July 2018 in conjunction with the 76th annual meeting of the Herpetologists' League (HL), the 61th annual meeting of the Society for the Study of Amphibians and Reptiles (SSAR), and the annual meeting of the Neotropical Ichthyological Association. (Note that the American Elasmobranch Society held their annual meeting separately this year.)

A total of 762 attendees were in Rochester: 375 professionals, 351 students (including one high school and middle school students; the remaining were graduate student participants), 22 accompanying persons, and 14 exhibitors. These attendees represented 19 nations (Australia, Bangladesh, Brazil, Canada, China, Guatemala, India, Japan, Mexico, New Zealand, Nigeria, Pakistan, Panama, Peru, Republic of Korea, South Africa, Sweden, Switzerland, and the United States).

BOARD OF GOVERNORS MEETING: 12 JULY 2017

President Crother called the 2018 Board of Governors meeting to order at 5:05pm on July 11th. There were 54 Governors and 18 guests attending.

Secretary Chakrabarty read messages of regret from absentee governors:

Phil Harris, Bill Matthews, Carter Gilbert, Joel Snodgrass, Brooks Burr, Larry Page, David Cannatella, Alex Pyron, Jacob Kerby, Bryan Stuart, Tracey Sutton, Ted Pietsch, David Greenfield, Jesus Rivas, Victor Hutchison, Adam Leache, Roberto Reis, Carole Johnston, Michael Douglas, Linda Trueb, William Duellman, Gerald Smith, Rebecca Johansen, Stephen Ross, Alessandro Catenazzi, Marvalee Wake, and Sam Sweet.

Secretary Chakrabarty reported the passing of: Ermi Zhao (24 December 2016), Don Broadley (10 March 2016), George Rabb (27 July 2017), Robert H. Mount (10 September 2017), Daniel M. Cohen (26 September 2017), John “Jack” Briggs (5 May 2018), Bob Cashner (1 July 2018) and Harry Grier (4 July 2018). Our condolences to the colleagues, families, and loved ones of those who have passed.

President Crother called for a motion to approve the minutes of the 2017 meeting of the Board of Governors as published in *Copeia* 2017:105(4): 807-816 (and as reproduced in Appendix E of the BOFG Book).

Governor Collette moved to approve the minutes, which was seconded by Governor de Queiroz - the motion was then approved by acclamation.

Next President Crother announced the appointment of the 2018 Resolutions Committee – Chris Murray, Chair; Dustin Siegel, Caleb McMahan, Sarah Gibson, Norma Salcedo – their resolutions will be read at the Business & Award Meeting (BAAM).

President Crother stated that President Elect Cole and judging co-chair Emily Taylor will announce the Stoye and Storer Award Judges at the BAAM.

Governor Henry Mushinsky then discussed future annual meetings:

He began by discussing the make up of the Meeting Management and Planning Committee (MMPC), which he chairs and then explained that we have a new meeting- planning agency for JMIH. It was a unanimous choice from the MMPC to hire Burk and Associates, Inc. (BAI) starting in 2020. K-State will remain our planning agency until that time. Snowbird, Utah (JMIH 2019) is the last meeting being managed by K-State.

Of seven companies that provided complete responses to our request for information BAI was the clear winner. JMIH signed a three-year contract with that group. They will start managing our meetings starting with JMIH in 2020 in Norfolk, Virginia (that meeting will be held at the Marriott Waterside). In 2021, JMIH will be in Phoenix, Arizona at the Convention Center in downtown Phoenix. JMIH 2022 will be held in Spokane, Washington at the Davenport Grand Hotel.

The motion raised by the MMPC to accept these future locations passed unanimously.

Dr. Susan Skomal, the President and CEO of BioOne then gave a presentation about her organization. She passed out annual reports, and other BioOne items. She noted that BioOne maximizes our distribution on our behalf – they are proud to have ASIH journals in their collections. BioOne represents 207 journals – including the *AMNH Bulletin* and *Novitates*, *Current Herpetology*, and many titles from Europe, Africa, and South America - besides the U.S. At the end of each March, BioOne shares publishing revenues, surplus, and their royalties with the publishers. 65% of BioOne funding is shared with publishers. *Copeia* has an impact factor 1.220 – which makes it number 70 out of 166 titles in Zoology, the revenue for this year was \$72,822 (from BioOne). The total earned since 2001 by *Copeia* is \$708, 851 – which was one of BioOne’s first journals. BioOne has returned \$45 million to publishers.

Dr. Skomal reported that BioOne is moving to a new platform – to cut expenses – that new platform will be announced in August. This change should not affect their work with Allen Press. She mentioned that *Copeia* should not experience a difference in any way due to this platform change; library costs should not go up. She thanked Allen Press for everything they have done. Dr. Skomal also announced that one of the winners of BioOne’s first Ambassador Awards was a herpetologist and a beginning-career researcher; she encouraged others to apply next year.

President Crother then called on Secretary Chakrabarty to read the minutes from the Executive Meeting, which are reprinted below.

Executive Committee Meeting

The ASIH Executive Committee Meeting was held on July 11, 2018.

Present: Brian Crother (Chair and President), Kathleen Cole (President-elect), Carole Baldwin (Past President), Maureen Donnelly (Prior Past President), Robert Espinoza (Chair of LRPP), Deanna Stouder (LRPP Co-Chair), Wm. Leo Smith (*Copeia* Editor), Adam Summers (Co-Chair of ENFC), F. Douglas Martin (Treasurer), Katherine Maslenikov (Treasurer Designate), Prosanta Chakrabarty (Secretary)

Absent: William Matthews (ENFC Co-Chair),

President Crother called the meeting to order promptly at 9:00 a.m.

Some new members of the Executive Committee were introduced at the meeting including the Treasurer Designate, Katherine Maslenikov; New *Copeia* Editor Leo Smith; and ENFC Co-Chair William Matthews. Unfortunately, Dr. Matthews was unable to attend but he did send an email with his comments that were noted during the meeting.

Prior Past President Donnelly gave as an update on Stoye/Storer Judging Categories based on a request from Exec in 2017 on whether there needed to be a change. Dr. Donnelly reported that the data suggests that the categories should stay the same except that we should separate Ecology & Ethology (E&E). Dr. Donnelly then “Moved that Stoye E&E be split into E&E Ichthyology and E&E Herpetology.” The chair of LRPP Bobby Espinoza seconded. The motion was approved unanimously by Exec.

Past President Baldwin brought up whether ASIH should have a cost sharing strategy for paying for the *Names of Fishes Committee* to meet. In February the ASIH granted this group, that was previously supported by American Fisheries Society (AFS), \$5000 for a 3-day meeting. Dr. Baldwin noted that Larry Page has done a great job leading this group, and that nearly all members of that committee are members of ASIH. Because it was unclear who would “own” the list, the matter was tabled by President Crother.

President Crother then raised the issue of Eliminating the ASIH Closing Event. After some discussion it was decided that anything that didn’t require tickets and that was not exclusive or cost-prohibitive to students would be better for the last day of the meeting. After some discussion of options Past President Donnelly moved to ‘Eliminate the Closing Event, and to ask the Local Host to have an event either fully funded by that host, or to have a No-Host Social in its place on the last day of JMIH.’ Dr. Stouder seconded the motion and it was passed unanimously.

President Crother noted that due to rising costs, including the cost of bringing people to the meeting, that we should increase Symposium support - which has always been \$3,000. Dr. Donnelly made a motion to increase this amount to \$5,000, seconded by Dr. Baldwin, and this motion passed unanimous.

Treasurer Martin then gave us an update on the ASIH Budget. He noted in this discussion that it was not a good idea to move General Endowment funds to the operating budget as is sometimes suggested. The Treasurer proposed instead that the \$14,000 increase from this year's General Endowment Fund be split between the under-funded Gaige and Raney Award funds. In addition, he proposed that \$40,000 from the General Endowment be moved into Gaige and Raney (at \$20K each) to support those important student research awards. The motion to transfer these funds passed unanimously.

Dr. Stouder then suggested perhaps combining some of the of these award funds into a single account. After some discussion Dr. Donnelly moved to: "Have the 'Let the Students Ride' fund be subsumed under the Clark Hubbs Student Travel Award." Leo Smith seconded this motion and it was passed unanimously.

Dr. Donnelly then moved that Gaige and Raney funds be increased and given a hard cap of \$8K to spend per year on student awards with a decree that this amount should be reexamined after five years in 2023. Dr. Stouder seconded and the motion passed unanimously.

The Exec noted with great sadness the passing of Dr. Robert Cashner and noted his many efforts on behalf of the ASIH. We also thanked the Cashner family for its efforts in establishing the new 'Cashner Student Assistance Fund' to help pay for travel of ASIH students presenting their first JMIH paper. If you would like to donate to this fund please write a check to the ASIH with "Cashner Fund" in the Memo and give it to the Treasurer [Douglas Martin, Treasurer ASIH, 1609 Lions Den, Leander, TX 78641].

Secretary Chakrabarty then raised the problem of having more than one student presenter up for the same competition based on the same poster. He then made the motion that "Only one award competitor is allowed per student-award presentation." This motion passed unanimously.

The Long Range Planning and Policy Committee Co-Chairs Stouder & Espinoza then discussed much-needed updates to the ASIH Policy and Procedures Manual (PPM). The Exec thanked Drs. Stouder and Espinoza for their hard work, noting that they didn't even have a word document of the most recent version of the PPM to edit from. Drs. Stouder and Espinoza noted that there was still one more year of decisions to be made about this important document. Drs. Stouder and Espinoza thanked the other members of the committee singling out Margaret Neighbors as being particularly knowledgeable and helpful.

Among the changes to the PPM discussed was including standardized four letter abbreviations for all committees. Several members of EXEC asked why the BOFG must be listed as the BOFG and the BAM as BAAM, but all resolved to use the four-letter versions for consistency. Other changes included having the full award names standardized and listed consistently; for instance the "Student Travel Fund" should always be listed under its official name the, "Clark Hubbs Student Travel Award."

In discussing the Secretary Designate and Treasurer Designate positions – Secretary Chakrabarty moved that there should also be a *Copeia* Editor Designate position created. Treasurer Martin seconded, and this item passed unanimously. Dr. Donnelly then moved that "LRPP is charged with the annual upkeep of the Policy and Procedures" manual. Secretary Chakrabarty seconded. The motion passed unanimously.

The Co-Chair of ENFC Adam Summers noted that the PPM needs to be more visible on the ASIH website. President Crother noted that the Charge for each committee should be sent to the new chairs when they are elected or appointed and Dr. Donnelly added that "everyone needed to read the PPM."

Editor Smith then noted that *Copeia* Production Manager Katie Smith had volunteered to copyedit the PPM after she noted many spelling and grammatical mistakes on previous versions.

The Exec very much welcomed her edits. The updated PPM will be sent to the BOFG by an email vote in the near future.

Dr. Stouder then raised the question about whether the ASIH President can create co-chair position on standing committees. Dr. Donnelly noted that she created co-chairs for several committees as President in order to have one ichthyologist and one herpetologist leading these committees in order to show our combined interests and shared burden. After some discussion a motion was passed that the “President shall appoint a co-chair for LRPP and ENFC and that each co-chair gets a full vote on Exec. It was added that there should be representation of both ichthyologists and herpetologists on those committees.” Dr. Baldwin seconded and the motion passed. The Exec also asked the LRPP to look at the wording and different uses of the following committee terms: “standing, continuing, recurring, special purpose, and ad hoc committees.” The LRPP has decided that Ad Hoc committees will be removed from the PPM.

Dr. Stouder then explained that the European Union had new regulations called “General Data Protection Regulations.” Breaches of these regulations could have serious financial implications for ASIH. Editor Smith noted that he contacted Allen Press several times about this issue but had not received a response. President Crother will pursue Allen Press to better understand our liability under these new EU laws and asked Exec if we should retain a lawyer for better understanding these regulations. After some discussion President Elect Cole moved that, “ASIH retain a lawyer for the purposes of discussing the General Data Protection Regulations,” this motion was seconded by Dr. Stouder and all were in favor.

President Crother noted that it would also be good to have an Ombudsmen under the services of ASIH because of our Code of Conduct and because not all Exec members are trained under Title IX. President Elect Cole then moved that ‘ASIH participate in hiring a professional Ombudsmen service for future meetings.’ Dr. Baldwin seconded the motion and it passed unanimously.

It was noted that currently only the ASIH has a Code of Conduct and that members of Exec are the contact points for any violations. Dr. Espinoza is working with other societies to make the Code of Conduct JMIH wide.

We then went on discussing continuity planning for officers in the unfortunate situation where someone needs to take over a position suddenly. Dr. Donnelly recounted how she took over the Secretary Duties quite suddenly after the passing of Bob Johnson. It was decided that we should set up a cloud-based storage of data such as GoogleDrive for every committee. Dr. Summers noted that having a legacy email address for each committee chair and officer, such as ASIHSec@outlook.com would be a good decision. It was agreed that we need a blanket cloud platform to house our emails and data files. Editor Smith recommended Slack as an option and Dr. Summers noted that our new meeting management firm BURK.inc may be able to help us create this cloud back up.

Editor Smith then updated us on the state of *Copeia*. He noted he was unsure about several issues included how new Associate Editor’s can get reimbursements and how to deal with authors not paying publication related dues. These were addressed by members of Exec. Dr. Smith noted some new innovations including allowing authors to have 50 days of open access on new papers and *Copeia* becoming fully compliant with ICZN. He mentioned that the impact factor has gone up slightly from last year and that other innovations would be forthcoming.

We then moved on to items of New Business.

The Chair of the Meetings Management and Planning Committee, Henry Mushinsky, gave us a presentation that will be repeated at the BOFG and BAAM. He discussed our new

meeting management company BURK.inc and future meetings. The Exec was very enthusiastic about the choices made by the MMPC, and we hope the BOFG will support these initiatives.

The EXEC formally welcomed the Treasurer Designate, Katherine Maslenikov. President Crother and the Exec thanked her for volunteering for this important position. Treasurer Martin said that in December he would transfer signatory rights from Wells Fargo and U.S. Bank over to the new Treasurer. Treasurer Martin noted that he will still write next year's Treasurer's Report and that he and Ms. Maslenikov would be in contact about financial activities of ASIH.

Dr. Donnelly then raised the issue of having several important files and documents on the K-state run portion of the ASIH website – she noted that this content needs to be migrated to ASIH because we will no longer be affiliated with K-State. President Crother will discuss with our Webmaster how best to make that transition happen.

Editor Smith then noted that he and his wife Katie printed some *Copeia* Merchandise – including pint glasses, several hundred stickers, magnets and other items. Some of these will be available for the student auction. Leo and Katie's children, Milo and Betsy walked around JMIH18 as the "*Copeia* Swag Team" with these items.

Dr. Donnelly then moved that "ASIH reimburse Editor Smith for the *ASIH/Copeia* merchandise he and Katie Smith created."

As an item of new business, President Elect Cole suggested that member of ENFC should be on the Audit Committee. But Dr. Donnelly noted that the Audit Committee was created to extend the official position of past presidents. It was noted that the Audit Committee is not part of the official audit of the ASIH Treasurer and finances and that it is really an oversight committee. Dr. Donnelly made a motion to kill the Audit Committee, that was seconded by Dr. Baldwin. The motion failed after discussion. It was noted that the committee was not in the constitution, so the motion was modified to make the "Audit committee an Ad Hoc committee [instead of a standing committee]" This motion passed unanimously.

Treasurer Martin noted he had many paper copies of bank statements and other financial documents that needed to go to the new Treasurer. He noted that many of these were redundant with electronic documents and that some might be discarded. A motion to scan all the documents was tabled after the EXEC asked the Treasurer to first find out how Non-Profits are legally bound to handle these documents.

President Elect Cole then requested that the Treasurer send financial reports to ENFC. Some members of EXEC thought that as a committee committed to long-term financial and endowment goals that these reports would not benefit the ENFC. Dr. Summers said he would add that idea to the ENFC agenda.

Dr. Cole also noted that some ASIH members had expressed concern that they were unable to comment on various BOFG and EXEC decisions because of the short period of time between the BOFG book being released and the EXEC report. Secretary Chakrabarty noted that the BOFG report is sent to the entire membership, not just Governors, by email, Facebook, and Twitter by early June and that they have more than four weeks to comment. He then noted the EXEC minutes are read during BOFG and then again sent out to the entire society before the BAAM. He wanted to remind those that may be upset for any reason that he is willing discuss the many ways in which he could improve his work for ASIH.

To close out the meeting the EXEC discussed that we do not need any additional ASIH postcards or pamphlets and that the JMIH postcard about the next meeting is sufficient. We also discussed the need to restart the conversation about an umbrella organization governing the

various JMIH societies. The EXEC noted that we had not heard from the “JMIH Committee on creating an Umbrella Organization” in some time.

President Crother then called for a motion to adjourn, and we did so at 1:20 p.m.

The minutes of the Executive Committee were approved by Governor Mushinsky and seconded by Governor Walker.

REPORTS TO THE BOARD

President Crother then called for blanket approval of reports as presented in the BOFG book, noting that none were exempted by EXEC.

Governor Henry Mushinsky moved, Governor Collette seconded. All BOFG members voted in favor of the motion.

President Crother called for reports to exempt and called on individuals who requested exemptions.

#23. MMPC – Dr. Eric Hilton noted that Sarah Huber should be listed as a symposium co-chair for *The Expanding Role of Natural History Collections* Symposium.

Secretary Chakrabarty regrets the error.

Governor Martin called for the exemptions of the report to be approved, and Governor Summers seconded.

OLD AND NEW BUSINESS

President Crother then called for any additional old business – hearing none – he called for items of new business.

Moving on to New Business.

Governor Parenti noted that the “Cashner Fund” is to honor both Fran and Bob Cashner, and in the report read by the Secretary this was called the “Robert Cashner fund.” [This mistake has been corrected in this Summary of the Meetings.]

BOARD OF GOVERNORS ELECTIONS

President Crother called for BOFG approval of the Ballot for General Election (Appendix C) and asked if there are any write-in candidates - hearing none he called for the motion to close nominations.

President Crother then called for BOFG approval of the BOFG ballot (Appendix C); he then called for a motion to close nominations which was made by Governor Donnelly and seconded by Governor Whitfield.

We then distributed ballots for voting on the awards committees. We are announcing the results of the election at this time. We thank everyone who placed their name on the slate of candidates. The appointments of Melanie Stiassny and Karsten Hartel to three-year term on the Robert H. Gibbs, Jr. Memorial Award Committee was approved; Mike Douglas was elected to serve a three-year term on the Robert K. Johnson award committee, Emily Taylor was elected to serve a three-year term on the Henry S. Fitch Committee; Meredith Mahoney was elected to serve a three-year term on the Spiritus Committee, and John Lundberg was elected to serve a three-year term on the Joseph S. Nelson Award committee. Congratulations to all.

President Crother then called for a motion to adjourn and we did so in record time at 6:05pm.

ANNUAL BUSINESS AND AWARD MEETING: 14 JULY 2018

President Crother called the Business and Award Meeting (BAAM) to order at 6:13 pm in the Grand Lilac Ballroom of the Rochester Riverside Convention Center.

President Crother opened the meeting by reading a statement to the ASIH: “Welcome everybody to the ASIH Business and Award Meeting or “BAAM!” The BAAM is a celebratory closing business event and we want that atmosphere tonight. However, I want to say a few words about the events at the meeting. ASIH does not in any way condone and in fact denounces any actions that constitute offense to others in any way. I can assure everyone that next year in Snowbird we will have a professional ombudsmen in place to handle inappropriate behaviors of any kind. Of course our goal is for all of our membership, that is each and every one of you, to not demean, harass, or offend any attendees in any way. We want to create a safe comfortable environment where we all can happily talk about science. We are making positive steps, we own our mistakes. We applaud the Herp League's correct actions in dealing with issues that took place earlier in the meeting. We will work on fixing our society and you will hear about some of those throughout the BAAM.”

President Crother then called for a motion to approve the minutes as published in *Copeia* 2017:105(4):807-816. Bruce Collette moved to approve the minutes; Carole Baldwin seconded the motion that carried unanimously.

President Crother then called on Secretary Chakrabarty to read the minutes of the Board of Governors meeting [Reprinted above] held on 11 July 2018. Secretary Chakrabarty read the minutes and played an “In Memoriam” slide show created by Lynne Parenti showing images of prominent ASIH members who recently passed [listed above].

President Crother then called for a motion to approve the minutes as read. Katherine Maslenikov moved to accept the minutes of the BOFG meeting as read; Leo Smith seconded the motion that carried unanimously.

Secretary Chakrabarty thanked the Greater Rochester Visitors Association on behalf of the ASIH for their \$3,000.00 check that helped lower costs associated with the JMIH meeting in Rochester. He then called on Carole Baldwin to accept a certificate of appreciation signed by President Crother for her work as President of ASIH in 2017. Secretary Chakrabarty then announced that Larry Allen would receive a certificate of appreciation for his efforts on the Executive Committee. He was not at the BAAM but the certificate was presented to his dear friend Mo Donnelly.

Secretary Chakrabarty then presented a special certificate and some "gifts" to the former editor of *Copeia* Chris Beachy, for his seven years of service in that role. The Secretary then called on the new editor of *Copeia*, Leo Smith, who thanked Dr. Beachy for his leadership and presented him with a caricature portrait.

ASIH AWARDS

Editor Smith then announced the 2018 *Copeia* awards. The winners were called forward to accept their plaques and be recognized by the membership:

Copeia Paper Awards

BEST PAPER, HERPETOLOGY, Edward Fernandez, Frances Irish, and David Cundall. 2017. How a Frog, *Pipa pipa*, Succeeds or Fails in Catching Fish. *Copeia* 105:108–119.

BEST PAPER YOUNG SCHOLAR, HERPETOLOGY, Jennifer Y. Lamb. 2017. Sexual Isolation between Two Sympatric *Desmognathus* in the Gulf Coastal Plain. *Copeia* 105:261–268.

BEST STUDENT PAPER, HERPETOLOGY, Clint L. Bush, Jacquelyn C. Guzy, Kelly M. Halloran, Meredith C. Swartwout, Chelsea S. Kross, and John D. Willson. 2017. Distribution and Abundance of Introduced Seal Salamanders (*Desmognathus monticola*) in Northwest Arkansas, USA. *Copeia* 105:678–688.

BEST PAPER, ICHTHYOLOGY, Jacqueline F. Webb and Jason B. Ramsay. 2017. New Interpretation of the 3-D Configuration of Lateral Line Scales and the Lateral Line Canal Contained within Them. *Copeia* 105:339–347.

BEST PAPER YOUNG SCHOLAR, ICHTHYOLOGY, Tiago P. Carvalho, Roberto E. Reis, and Mark H. Sabaj. 2017. Description of a New Blind and Rare Species of *Xyliphius* (Siluriformes: Aspredinidae) from the Amazon Basin Using High-Resolution Computed Tomography. *Copeia* 105:14–28.

BEST STUDENT PAPER, ICHTHYOLOGY, David C. Fryxell and Eric P. Palkovacs. 2017. Warming Strengthens the Ecological Role of Intraspecific Variation in a Predator. *Copeia* 105:523–532.

GAIGE AND RANEY AWARDS

Secretary Chakrabarty then put up a slide listing the Gaige and Raney Award winners [shown below] noting that these students were sent checks and certificates by mail. Winners that were in attendance were asked to stand to be congratulated. Judges for these competitions were also recognized.

RANEY FUND AWARD COMMITTEE Brad Erisman (Chair), Caleb McMahan and Rebecca Blanton Johansen

Emily Funk, Cornell University, \$1000

From lungs to a gas bladder: Evolution of morphological novelty in ray-finned fishes

Emily Hardison, University of California Santa Barbara, \$1000

Interactive effects of diet and temperature on physiological performance in marine fishes

Rebecca Branconi, Boston University, \$1000

The role of outside options in social evolution: a new perspective

Tyler McCraney, University of California Los Angeles, \$1000

Phylogenomic systematics of Gobiiformes: small fish finally show some backbone!

Emily DeArmon, St. Cloud State University, \$900

Phylogenomics of dragonfishes (Stomiidae) and anatomical variation of their bioluminescent barbels

Samantha Levell, University of California Riverside, \$800

Understanding maternal investment and reproductive isolation in livebearing fishes

Alec Turner, Louisiana State University, \$800

Selective mechanisms underlying the maintenance of an all-female hybrid species

Kylie Smith, Clemson University, \$500

Influences of substrate composition on territory sizes of herbivorous reef fishes

GAIGE FUND AWARD COMMITTEE -

Melissa Pilgrim (Chair), Anna Savage, and Sara Ruane

Anthony Breitenbach, Illinois State University, "Climate Change: What Does It Mean for Turtles with Temperature-dependent Sex Determination?"

John Capano, Brown University, "Can Snakes Breathe and Sprint at the Same Time? The Speed-dependent Axial Constraint in Snakes"

Grace Capshaw, University of Maryland, College Park, "Exploring Extratympanic Sound Transmission Pathways for Hearing in Earless Amphibians"

Nerine Constant, University of Florida, "Fish Community Responses to Green Turtle Grazing in Seagrass Meadows"

Thomas Firreno, University of Texas at Arlington, "Parotoid Gland Transcriptome Sequencing: The First Step in Understanding the Evolution of Toxins in Bufonids"

David Haskins, University of Georgia, "Impact of Mercury on Hematological and Immunological Markers in the Brown Watersnake (*Nerodia taxispilota*)"

Iris Holmes, University of Michigan, "Testing Hypotheses About Within- and Between-Community Factors Affecting the Assembly of the Gut Microbiome 'Metabolic Toolkit' in Snakes and Lizards"

Zachary Lange, John Carroll University, "Thermal Biology and Habitat Use May Lead Terrestrial-breeding Frogs (*Pristimantis*) into an Ecological Trap"

Brendan Pinto, Marquette University, "Small Geckos Yield Great Insight into the Genomic Underpinnings of Speciation"

Simon Scarpetta, University of Texas at Austin, "Miocene Modernization of North American Lizard Fauna"

Levi Storks, University of Missouri, "The Impact of Variation in Behavioral Flexibility on Survival in the Lizard, *Anolis sagrei*"

Five ASIH awards were presented during the Plenary Session on Day One of the Meeting.

The Henry S. Fitch Award for excellence in herpetology was presented to **James P. Collins**.

The winner of the Joseph S. Nelson Award for lifetime achievement in ichthyology was presented to **George Lauder**.

The Robert K. Johnson Award for excellence in service to the ASIH was presented to **Ted Pietsch**.

The Robert H. Gibbs, Jr. Award for excellence in systematic ichthyology was presented to **Tom Munroe**.

The *Spiritus* Award for excellence in service and support of natural history collections was given to **Karsten Hartel**.

The Meritorious Award for Teaching Herpetology in 2018 was presented to **Fred Janzen**.

The Meritorious Award for Teaching Ichthyology in 2018 was awarded to **Larry Allen**.

The presentation speeches and photos of the winners will be published in the first issue of *Copeia* 2019.

PRESENTATION OF STOYE AND STORER AWARDS

President Crother then called on Emily Taylor, Co-Chair of the Student Award Committee, to come forward to announce the names of the Stoye and Storer judges and the names of the 2018 winners.

Storer Ichthyology

Judges: Hank Bart, Natalia Bayona-Vasquez, Tiago Carvalho, Caleb McMahan, Marcelo Melo, Aaron Olsen, Luke Tornabene

Winner: **Thaddaeus Buser**

“2D or Not 2D? Testing the Utility of 2D vs 3D Landmarks in Geometric Morphometrics of the Sculpin Subfamily Oligocottinae”

Storer Herpetology

Judges: Mike Benard, Catherine Bevier, Brian Halstead, Chris Howey, Jessica Hua, Rory Telemeco

Winner: **Sara McClelland**

“Ecologically Relevant Levels of an Organophosphorous Pesticide Causes Changes in Stress Levels and Brain Structures in Amphibians”

Stoye Conservation

Judges: Frank McCormick, Katie O'Donnell, Deanna Stouder, Chris Thawley

Winner: **Nicholas Huron**

“Extinctions Point to Different Levels of Morphological and Functional Role Diversity Loss in a Genus of Island Lizards”

Stoye Ecology/Ethology

Judges: Jennifer Gumm, Russell Ligon, Marvin Lutnesky, Hannah Owens, Alison Davis Rabosky, Steven Whitfield

Winner: **Kelsey Reider**

“Survival at the Summits: Anuran Responses to Rapid Deglaciation in the High Andes of Southern Perú”

Stoye Genetics, Development, Morphology

Judges: Matthew Craig, Rob Denton, Kory Evans, Christopher Goatley, Matt Holding, Fran Irish, Don Shepard

Winner: Pamela Hart

“Phylogenomics of the Amblyopsidae (Percopsiformes)”

Stoye Physiology/Physiological Ecology

Judges: Craig Lind, M. Rockwell Parker, Matthew Venesky

Winner: **Holly Rucker**

“Decrypting female mimicry in red-sided garter snakes”

Stoye General Herpetology

Judges: Robert Page, Brad Shaffer, Carol Spencer, Ed Stanley

Winner: **Carl Hutter**

“A New and Freely Available Exome Sequence Capture Probe Set of 10,000 Loci For All Frogs.”

Stoye General Ichthyology

Judges: Naomi Delventhal, Eric Hilton, Juan Liu, Bruno Melo, Mark Sabaj, Brian Sidlauskas, Andrew Williston

Winner: Elizabeth Miller

“Explaining the Ocean’s Dominant Species Richness Gradient and Global Patterns of Marine Fish Diversity”

President Crother then called on Jonathan Armbruster to present the NIA student presentation awards.

The winner for best NIA Student Talk was **Viviana Astudillo-Clavijo**, for her talk titled “Field Records in Museum Collections Support Habitat as an Ecological Dimension of Diversification in the Adaptive Radiation of Geophagini Cichlids”

The Award for Best NIA Student Poster went to **Corinthia Black** for her poster titled “Shape Analyses of the Peckoltia Clade Using 3D Geometric Morphometric Techniques (Loricariidae: Hypostominae).”

Congratulations to all the 2018 winners. Thanks are extended to all of the judges for donating your time to our students. We could not hold these competitions without your assistance.

FUTURE MEETINGS

President Crother called on Al Savitsky to talk about the 2019 meetings in Snowbird, Utah.

The 2019 JMIH will be held on 24-28 July at Snowbird Ski and Summer Resort, located in Little Cottonwood Canyon, east of Sandy, UT. The site is about 29 miles from the Salt Lake City Airport, at a base elevation of approximately 8,000 ft. The entire meeting, including social events, will be held at Snowbird, eliminating the need for costly and time-consuming bus transportation. Housing will be available in three buildings, with most of the rooms located in the Cliff Lodge, a modern hotel-style building. All rooms feature a refrigerator and in-room recycling baskets. Most rooms will be priced at \$142 per night for one king or two queen beds. Additional rooms, including a few larger suites with kitchen facilities, will be available at higher rates. An additional service fee of \$10/night/room is required and provides unlimited internet access, parking, and other services. Rooms can be reserved at the conference rate for up to three nights before and after the meeting, subject to availability.

The scientific sessions will be held in two buildings. Although relatively close together, attendees should be aware that the elevation may make it challenging to move quickly between buildings. The organizers will attempt, as always, to cluster talks by discipline in nearby rooms. Posters and exhibits will be accommodated in a large tented space, and another tent is available for the opening social. The venue features numerous small gathering areas where attendees can meet informally. Many dining options are available, and although food is generally rather expensive, some less costly options, such as sandwiches and pizza, can be purchased. Attendees arriving by car may wish to stock their refrigerator, and a convenience store is located on the grounds. Many recreational activities are available for attendees and their families, including slides, chair lifts, mountain bike rentals, and extensive hiking trails. Individuals and families wishing to drive to Snowbird can also take advantage of Utah's five national parks, the Bear's Ears and Grand Staircase Escalante National Monuments, and other extensive public lands.

President Crother then called on Kyle Piller to announce other future JMIH meetings [See notes above, from MMPC chair Henry Mushinsky.]

President Crother then asked Phil Bishop to discuss the 9th World Congress of Herpetology in 2020.

The mission of the World Congress of Herpetology (WCH) is to promote herpetological research, education and conservation, by facilitating communication between individuals, societies and other organizations engaged in the study of amphibians and reptiles. The meetings are held on average every four years.

The next WCH will be hosted by the University of Otago in Dunedin, New Zealand. The University of Otago is the oldest university in New Zealand established in 1869 and is ranked in the top 1% of universities in the world. The dates are 5-10th January 2020. Dunedin is a University city and the smartest city in New Zealand as 3% of the population have (or are studying towards) a PhD. It is the second largest city on the South Island with 128,000 residents. There are many good restaurants and local breweries and nearby Central Otago is renowned for

producing world class Pinot Noir wine. Dunedin is the seabird capital of the world and the wildlife capital of New Zealand.

The conference will start on 5th January with excursions and board meetings. The registration desk will open on 6th January and there will be a Maori welcome and then an opening reception in the evening. Each day between January 7-10th will start with a Plenary speaker, followed by concurrent sessions with scientific symposia. Each day will also end with a Plenary speaker. The Plenary speakers will be announced in October 2018. There will be a call for symposia in February 2019 and symposia organisers are encouraged to prepare a list of likely speakers for their symposium. Call for abstracts and registration will open in April 2019 and early bird registration will close in September 2019.

January is mid-summer for Dunedin and the weather will be mild with temperatures ranging from 55 – 70F with hardly any rain (average monthly rainfall for January 2¾ in.)

Air New Zealand (Star Alliance) fly direct to Auckland (non-stop) from Chicago, Houston, San Francisco, Los Angeles and Vancouver (flight times 11 -13 hours) with costs varying from US\$1300 – 1800.

To indicate your interest please visit the website (wchnz.com) or contact Terri Lowsley (terri@conference.nz) or Phil Bishop (phil.bishop@otago.ac.nz)

RESOLUTIONS

President Crother called on Chris Murray to read the resolutions.

JMIH Resolutions Committee in Rochester 2018 included: Sarah Gibson, Norma Salcedo, Dustin Siegel, Caleb McMahan and Chris Murray

Conservation Committee Chair Frank McCormick informed us that there are no new resolutions from the conservation committee and that they have nothing from AES either.

RESOLUTION FOR THE MEETING HOSTS:

WHEREAS the ASIH ventured to Rochester for the 2018 JMIH meeting, and

WHEREAS all three restaurants within walking distance utilized our meeting to full advantage, with fine local service serving the finest of regional “plates of garbage,” and

WHEREAS Brian Witz offered his talents as a rocker and songbird of this or any generation as the ASIH Open Mic night house band, the Cladojams, melted faces for the third straight year, and

WHEREAS crime was an initial concern here in Rochester, and we are unaware of any such incidence at JMIH 2018, it appears that the only theft in JMIH history was the theft of humor from last year’s resolutions, and

WHEREAS the log flume at the SeaBreeze opening reception was impressive, it was apparently not as impressive as the log flume that occurred on the 5th floor of the Hyatt.

THEREFORE BE IT RESOLVED that the ASIH extends its sincere thanks to Brian Witz, members of the Local Committee, local law enforcement and hotel staff, and the JMIH Meeting Management and Planning Committee for providing a safe, functional and enjoyable conference.

RESOLUTION FOR THE GREATER ROCHESTER VISITORS ASSOCIATION:

WHEREAS the Greater Rochester Visitors Association (GRVA) has graciously donated \$3,000 to ASIH to offset transportation costs.

THEREFORE BE IT RESOLVED that the ASIH extends its sincere appreciation to the GRVA and has utilized these funds accordingly.

RESOLUTION FOR DAVE JOHNSON AND AI NONAKA:

WHEREAS the future success of student society members is of utmost importance to the future success of the society, the future success of scientific discovery, and the future of the biodiversity we so value, and

WHEREAS the membership of ASIH and the global scientific community is subject to the recent administrative undermining of scientific value, lack of empirically or morally –based legislation, and subsequent reduced funding, and

WHEREAS the employment landscape for recently emerging scientists remains challenging,

THEREFORE BE IT RESOLVED that the ASIH members appreciatively acclaim the support of Dave Johnson and Ai Nonaka, who have established a future post-doctoral endowment in perpetuity at the National Museum of Natural History which will fund an emerging scientist fellowship in the Division of Fishes for young scientists specializing in the morphology of fishes. Thank you Dave and Ai, for this most generous and selfless aid to the future of science.

THEREFORE BE IT ALSO RESOLVED that the ichthyologists are winning 2-0 in the generosity department.

RESOLUTION ON THE RECOGNITION OF STUDENT CAREER ACCOMPLISHMENTS:

WHEREAS students are the future of ASIH and academia alike, and

WHEREAS acceptance of post-graduate potentially permanent positions offer a culminating step in the life of our young academics and represents the fruits of our society's mission,

THEREFORE BE IT RESOLVED that at future meetings, prior to the Business Meeting, individuals continue to self-identify and others notify the resolutions committee of those deserving of recognition both publicly and for resolution publication in *Copeia*, and

THEREFORE BE IT ALSO RESOLVED that the ASIH honors the following young academics and wishes them well in their new roles: Anna V. Longo Berríos (University of Florida), Milton Tan (University of Illinois at Urbana-Champaign), Jennifer Lamb (St. Cloud State University), Dahiana Arcila (University of Oklahoma) and all others whom we have thus far been unable to identify.

THEREFORE BE IT ALSO RESOLVED that the ASIH congratulates Bill Ludt as the first Collette Postdoctoral Fellow in Systematic Ichthyology at the National Museum of Natural History, Smithsonian Institution.

RESOLUTION FOR CHRIS BEACHY AS FORMER EDITOR OF COPEIA:

WHEREAS Chris Beachy served as the editor of *Copeia* for 6 years, and

WHEREAS the journal has benefited from his contributions, such as encouraging student award winners to publish their work in *Copeia*, development of awards for best papers, facilitating online early access, and,

WHEREAS we congratulate him on his well-crafted exit strategy in which the impact factor of the journal increased 0.3 points upon his departure.

THEREFORE BE IT RESOLVED that the ASIH is immensely thankful for his service and that the associate editors hope that Leo provides free beer at meetings like Beachy did.

RESOLUTION FOR EDITORIAL CONSULTING:

WHEREAS the powerful response and call to action of the ASIH membership on social media was realized at JMIH 2018 and we all appreciate the rapid responses of the ASIH membership including Secretary Chakrabarty.

THEREFORE BE IT RESOLVED that the ASIH consider forming a committee with the sole objective of providing editorial consultation to Secretary Chakrabarty tweets.

RESOLUTION FOR AWARD NOMINEE DIVERSITY:

WHEREAS the plenary award ceremonies awarded a less than inclusive group of individuals, and

WHEREAS the lack of diversity among award winners was apparent, and

WHEREAS award committees select from nominated individuals alone.

THEREFORE BE IT RESOLVED that the membership take full advantage of opportunities to nominate their colleagues, mentors and role models, as our membership *is* the assemblage that nominates individuals for such awards and fosters the opportunity for a more inclusive body of award winners.

RESOLUTION FOR GENESSEE CREAM ALE:

WHEREAS we have been formally assured by the Rochester department of public health that Genessee cream ale is not, in fact, brewed directly from High Fall Genessee river water nor the water from presidential Hyatt hotel toilet overflows, and

WHEREAS we have learned that not all elevators have their ups and downs.

THEREFORE BE IT RESOLVED that we extend our sincerest gratitude to the Rochester sewage and septic sucking services and whoever can start an elevator repair business.

RESOLUTION FOR CODE OF CONDUCT AGREEMENT:

WHEREAS the climate of ASIH professional meetings must make all feel welcome and safe, regardless of gender, sexual orientation, race, ethnicity, creed, or ability;

THEREFORE BE IT RESOLVED that there will be mandatory checkbox on the meeting registration form through which participants acknowledge that they have read and accept the terms and conditions of the Code of Conduct, and states that if participants break the Code of Conduct they may be asked to leave the conference and may be banned from future conferences.

RESOLUTION FOR BOFG:

WHEREAS the executive committee has uncovered society regulations that require four letter acronyms for society titles,

THEREFORE BE IT RESOLVED that the ASIH formally declares the F in BOFG as silent and the acronym for any future created Fish, Amphibian and Reptile Team as F-A-R-T.

OLD AND NEW BUSINESS

President Crother then called for items of Old Business.

Secretary Chakrabarty noted there will be an email blast to members in a few weeks for elections. In addition, we will re-run the Diversity Survey—near the end of the year.

President Crother then called for items of New Business.

James Erdmann & Adania Flemming announced that the funds raised by this year's Student Book Raffle totaled \$3,417.00 (in total with \$1226 by credit card). They thanked everyone for their donations, including of 170 books.

Rocky Parker presented a gift to Dr. Brian Crother as the President of ASIH. He noted that there was a lot of drama at JMIH 2018, some of it oddly enough about taxonomy. Dr. Parker presented President Crother with a much coveted t-shirt that the President had lost in a bidding war at a previous meeting. Dr. Parker stipulated that if the President ever felt that he needed to auction off the item again, that it must be at an event that benefits the student members of ASIH. President Crother was delighted with the gift.

Missy Gibbs announced The Web Content Management Committee is ready to present the new, mobile-friendly, web page to the society. They will be going live by the end of July, and at that time, an email blast will go out to the membership, along with a link to a Google form, which can be used to make corrections or suggestions for improvement.

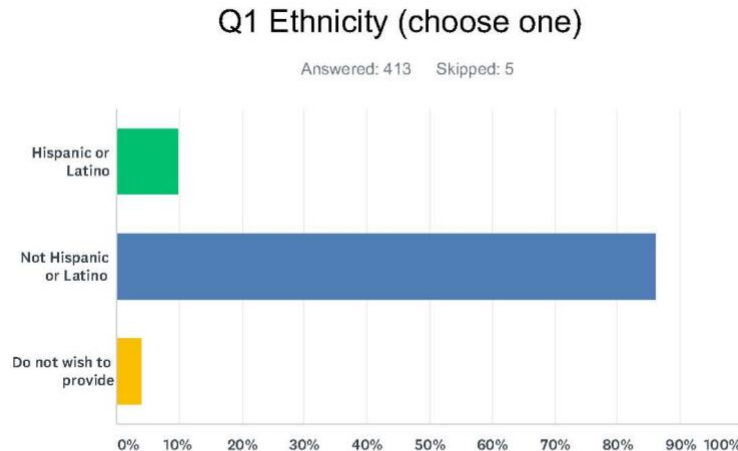
Hearing no additional items of new business, President Crother called for a motion to adjourn which we did at 7:49 pm.

Respectfully submitted,

Prosanta Chakrabarty

3 September 2018

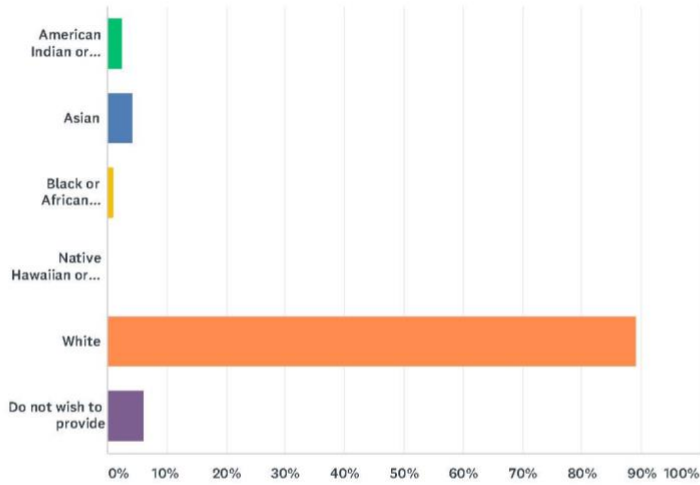
53. APPENDIX F – 2018 DIVERSITY SURVEY RESULTS



ANSWER CHOICES	RESPONSES	
Hispanic or Latino	9.93%	41
Not Hispanic or Latino	86.20%	356
Do not wish to provide	3.87%	16
TOTAL		413

Q2 Race (choose one or more)

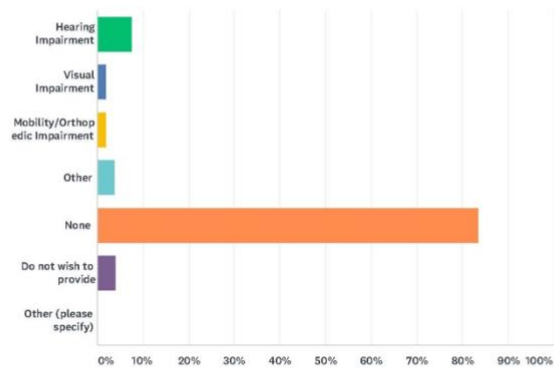
Answered: 410 Skipped: 8



ANSWER CHOICES	RESPONSES
American Indian or Alaskan Native	2.44% 10
Asian	4.15% 17
Black or African American	0.98% 4
Native Hawaiian or Other Pacific Islanders	0.00% 0
White	89.02% 365
Do not wish to provide	6.10% 25
Total Respondents: 410	

Q3 Disability (choose one or more)

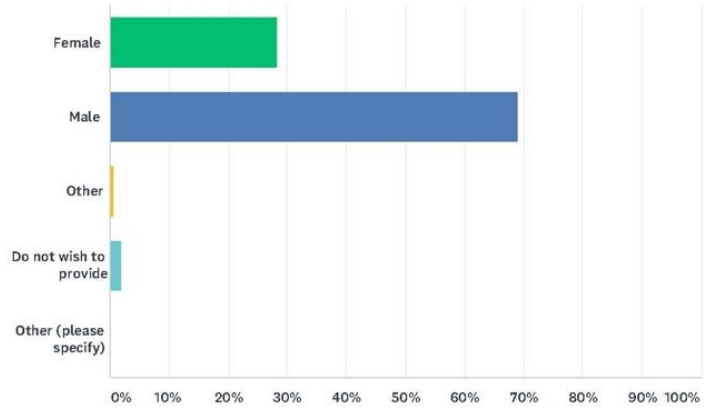
Answered: 409 Skipped: 9



ANSWER CHOICES	RESPONSES
Hearing Impairment	7.58% 31
Visual Impairment	1.96% 8
Mobility/Orthopedic Impairment	1.96% 8
Other	3.67% 15
None	83.37% 341
Do not wish to provide	3.91% 16
Other (please specify)	0.00% 0
Total Respondents: 409	

Q4 Please specify your Gender Identity

Answered: 411 Skipped: 7



ANSWER CHOICES	RESPONSES	
Female	28.22%	116
Male	69.10%	284
Other	0.73%	3
Do not wish to provide	1.95%	8
Other (please specify)	0.00%	0
TOTAL		411