

establecer un nuevo puesto, y un nuevo oficial en la organización debe ser nombrado de acuerdo con la constitución. Dixon señaló que el actual asistente al tesorero ya está haciendo la mayor parte de este trabajo y sugirió la posibilidad de elevar este puesto a una posición oficial. La Presidenta López-González anunció que nombrará un comité *ad hoc* para revisar la constitución para evaluar este cambio potencial. Ella entonces designó a M. Dixon y P. Sudman para esta tarea. Hubo luego un aplauso para A. Osmanski quien ya ha tomado en gran parte esta función en la sociedad. Esta posición no cambiará el presupuesto.

El presupuesto fue revisado entonces por M. Dixon, y el saldo basado en el presupuesto de 2014 aprobado. El faltante será retirado en un máximo de 5% de las inversiones (\$10-15,000 USD necesarios para saldar el presupuesto). Esto fue aprobado por el BOG. Dixon

entonces propuso un presupuesto de \$129,000 USD con un ingreso de \$87,683 esperado de los ingresos por regalías, y una posible transferencia de la dotación (que se consideró poco probable que suceda). P. Sudman hizo una moción para aprobar el presupuesto, y la moción fue apoyada por M. Kennedy. La moción fue aprobada por el BOG.

El Comité de Membresías propuso entonces explorar la posibilidad de la opción de solo-en-línea para la revista con el Tesorero, preferentemente a través de BioOne.

La presidenta López-González hizo una moción para levantar la sesión, que fue apoyada por Mandy Husak. La reunión finalizó a las 1811 h.

Respetuosamente,
Raelyn Deaton Haynes, Secretaria

THE SOUTHWESTERN ASSOCIATION OF NATURALISTS
MINUTES OF THE BUSINESS MEETING AT THE 62ND ANNUAL MEETING,
SAN DIEGO STATE UNIVERSITY,
SAN DIEGO, CALIFORNIA, USA
FRIDAY-SATURDAY 3-4 APRIL 2015

President López-González called the meeting to order at 1024 h with a quorum present. The membership approved the minutes of the 2014 Board of Governors and Officers (BOG) Meeting and Business Meeting for the 61st Annual Meeting at Oklahoma State University (published in *The Southwestern Naturalist* volume 59(4), and available on the SWAN webpage at <http://www.biosurvey.ou.edu/swan/>).

Secretary Raelynn Deaton Haynes summarized the reports, discussions and action items from the BOG meeting held on 2 April 2015.

President López-González called for nominations from the membership for President-Elect. Susana Perea-Fox was nominated, and after a significant time lapse with no additional nominations, M. Kennedy moved that nominations be closed and to elect Perea-Fox to the position by acclamation. The motion was seconded by Mike Husak and passed. President López-González then called for nominations from the membership for the new class of Board of Governors. She announced that members should vote for five candidates, whereby the top 4 will be the new class elected to serve 3-year terms, and number 5 will replace Perea-Fox and complete her term as a member of the BOG. President López-González then appointed the Wilks and Student Natural History Award finalists, Kelby Delaune, Janaee Wallace, Lucas Hall, Austin Osmanski, and Krytzal Medina Torres to serve as tellers for the election of the new BOG members.

Nominations by the membership included: Ricardo López-Wilchis, Robert Edwards, Ray Willis, Cornelio Sánchez Hernández, Lourdes Romero-Almaraz, Julie Waits, Sara González- Pérez, Chad King, and Austin Osmanski. G. Schnell moved to close the nominations, and M. Kennedy seconded the motion. A ballot vote was conducted and the election results were announced at the banquet on Saturday evening 4 April 2015.

Treasurer Michael Dixon reported to the membership on the 2015 budget, expenses, and checkbook activity as summarized in the minutes of the 2015 Board of Governors and Officers meeting. He reminded the membership about royalties from BioOne, and about the transition of the journal to the online submission site through Allen Press. He explained that the excess funds in the checking account are earmarked for the journal, particularly for getting it caught up. He then summarized the proposed budget for 2016, pointing out some changes between the 2015 and 2016 budgets. For example, costs for printing the journal have increased; the Student Field Natural History Award requires an additional \$1,500; \$400 has been removed from the journal index line and moved into the Membership Committee line; and funds have been allocated to enhance recruitment efforts for SWAN. S. Fox pointed out a typo in the budget—a discrepancy between 2013 and 2016. Dixon acknowledged the correction and announced that A. Osmanski has been helping with

membership and the Treasurer's report and thanked him. M. Dixon then asked that the membership vote on A. Osmanski's role in helping with membership (as was discussed the previous day in the BOG meeting). Gary Schnell moved to approve Osmanski's new role in the organization, and the motion was seconded by L. Ammerman. President López-González called for the vote, and the motion passed.

The Trustees report was given by R. Dowler in place of Chair Jake Schaefer. Dowler reported that SWAN is healthy in terms of our financial endowment. He was pleased to announce that the endowment is approaching \$1,000,000. He explained that the Board of Trustees has taken a fairly conservative approach in investments. He also reminded the BOG that L. Ammerman requested to step down from the Trustees, as her term is officially past, and she is now acting as Managing Editor of *The Southwestern Naturalist*. Dowler announced that the BOG voted to replace her with D. Heins for a two-year term (since Ammerman already served one year of the three-year term). The Trustees were given a round of applause by the membership for keeping the organization in good financial shape.

Julie Waits gave the report for the Conservation Committee. She announced that there was no Sutton award for 2014, but was pleased to report that there is an award for 2015. The committee considers articles that represent outstanding research in conservation and management published in *The Southwestern Naturalist* during the previous year. There was a consensus from the committee for the award, which will be announced at the banquet.

Raelynn Deaton Haynes gave the report for the Student Awards Committee, stating that eight winners for the Howard McCarley Student Research Award will be announced at the banquet, as well as first, second, and third place winners for the Clark Hubbs Student Poster Award.

John Hunt gave the report for the Public Relations and Publicity Committee. Hunt urged members who are award winners to please inform the committee of news outlets where they would like press releases to be sent.

Michelle Haynie presented the report for the Membership Committee, explaining that the increased budget line item (as mentioned earlier by Treasurer Dixon) is for a recruitment pamphlet. The committee is also working on a pamphlet for advertising SWAN to members of the academic community and the general public. She added that the Membership Committee is working with both the Development and International Relations committees on these tasks. Haynie announced that there are 33 free student memberships available for first-time student members. The Membership Committee is working with the Website Committee to move the nomination form for

these memberships online. Nominations can be made by contacting Haynie directly, until forms are available online. Haynie also requested that all members contact their university libraries to request *The Southwestern Naturalist* and to help with recruiting new members to the society.

Phil Sudman gave the Development Committee report for Co-Chairs David Heins and Jake Schaefer. The committee continues to support the initiation of online-only memberships to help reduce publishing costs and also urges the Membership Committee to send out membership materials to non-member authors. Additional recommendations included more frequent auctions, and a streamlined method of soliciting donations with membership renewal notices.

President López-González gave the report for the Program Committee in place of Chair, Beth Leuck. López-González announced the 2016 meeting will be in Mexico City, hosted by María de Lourdes Romero-Almaraz, Cornelio Sánchez Hernández and Sara Gonzáles. In 2017, the meeting will be hosted by Cameron University in Lawton, Oklahoma, with Mike and Mandy Husak as co-chairs of the Local Committee. She announced that SWAN is still looking for hosts for 2018 and 2019 and asked that anyone interested in hosting, contact Beth directly. She closed by asking that the membership give Beth a round of applause for her hard work, which followed.

Karen McBee gave the Historian's Report, announcing that she continues to place SWAN materials and memorabilia into the SWAN archives at the Western History Collections at the University of Oklahoma.

Susana Perea-Fox presented the report of the International Relations Committee. This year there were 22 applications for the Bruce Stewart Student Travel Award—one from Texas and 21 from Mexico. The committee awarded travel grants to 15 students; the names will be announced at the banquet. Treasurer Dixon announced that he has money to give to those students and for the recipients to find him at the banquet to receive the funds. S. Fox pointed out that the International Relations Committee recommended to the Local Committee that the travel award recipients have a designated color on their name tags. R. Dowler then reminded the membership that next year the meeting is in Mexico, so that students from the USA and other countries (outside of Mexico) will be eligible for this award.

Dan Hough summarized activities of the Website Committee for 2014. He announced that the website had a successful year with more traffic than last year. He also highlighted changes in online payment, and the transition to PayPal. He is also looking into the option of using both PayPal and credit cards. He closed with announcing that there is money in the budget for the

website and for updates, which hopefully will be implemented soon.

Austin Osmanski presented the Student Advisory Committee report. He announced that Enrique Santoyo-Brito joined the committee as Co-Chair, and reminded the membership about the student workshops. Santoyo-Brito then translated the announcement into Spanish for the membership.

Phil Sudman reported for the Wilks Committee that the winners will be announced at the banquet.

Robert Dowler gave the report for the *ad hoc* Disposition of Back Issues Committee, announcing that back issues of SWAN are still being maintained at Angelo State University. Anyone interested in obtaining back issues should contact him directly.

Mandy Husak presented for the *ad hoc* Auction Committee, reporting that the auction made \$2,300 last year. Unfortunately, there is no auction this year, as it is logistically challenging to transport items by air. She said the committee would like to connect with the local hosts to facilitate getting items for the auction so the committee does not have to carry all the items to the meetings. S. Fox asked if the committee is planning an auction for the 2016 Mexico meeting, and she said yes, assuming she can go to the meeting.

Robert Dowler gave the report for the Long Range Planning Committee. He announced that the tasks ahead are to 1) push for more Life Memberships; 2) streamline the dues payment system; 3) increase and retain members; and 4) continue to use silent auctions to raise funds for meetings. He also mentioned that SWAN needs to be sure to have meeting sites lined up for 2-3 years in advance. He stated that we “need folks to step up and sponsor us.” He emphasized how much work goes into planning meetings, and expressed thanks and appreciation to San Diego State University for having us this year.

Mike Kennedy gave the report for the Budget Oversight Committee, announcing that the committee is in full support of the Board of Trustees and that the organization is in very good financial shape. This prompted a round of applause by the membership.

Loren Ammerman gave the Managing Editor’s report. She began by introducing herself and Mandy Husak as the new editors. She explained that the editors currently are overseeing the transition to the online management system through PeerTrack, and that the transition has not been easy for anyone, as there have been lots of troubleshooting problems. However, Allen Press has been very helpful, and the journal has added three associate editors: Ingo Schlupp, Jeff Hutchison, and Michelle Haynie. As of now, the journal has 24 associate editors, and Ammerman asked the membership to give all associate editors a round of applause. She also thanked reviewers, and asked that the membership continue to

accept invitations to review papers, as it is challenging to get reviewers. She then explained how PeerTrack works, and gave a summary of statistics for the journal as outlined in the BOG meeting minutes. She stated that the biggest challenge at this point is getting people to serve as reviewers because the current acceptance rate by reviewers is only 60%. She then explained that nine papers from volume 59(3) are already published online, and that the printed journal is in progress. She also noted that only feature articles come online early, not notes. She received questions about tracking the statistics from before online to now, with regard to number of submissions, etc., but Ammerman explained that is difficult to do at the moment because the journal is still in transition to the online system. Those data will be more easily obtained after the transition is complete. K. McBee called for the membership to thank M. Husak and L. Ammerman for their work, and President López-González also thanked M. Kennedy, P. Kennedy, and T. Best for all of their work with the journal prior to moving to the electronic system.

R. Dowler gave the report for the Honors Committee, stating that the awards will be announced at the banquet.

Tod Reeder gave the report for the Local Committee. This year there are 130 registrants online, and things are moving along smoothly. He reminded folks about the museum reception and made further announcements about the meeting, including room changes, etc. He also reminded the membership about the student workshop “Pitch it in Five,” where food and drinks would be served, and about the behind the scenes tour at the San Diego Natural History Museum. The membership gave Reeder a round of applause.

María de Lourdes Romero-Almaraz presented information pertaining to the 63rd Annual Meeting of the Southwestern Association of Naturalists, which is scheduled for 14-17 April 2016 in Mexico City. Several questions were asked about the meeting, regarding logistics, locations of events, safety, etc.

Following a motion to do so, a second, and approval, the Business Meeting recessed at 1141 h to reconvene at the banquet.

The Business Meeting reconvened at the Annual Banquet on Saturday 4 April 2015 at 2014 h.

President López-González announced that new BOG members for the Class of 2018 included Bob Edwards, Julie Waits, Sara B. González-Pérez and Austin Osmanski, with María de Lourdes Romero-Almaraz replacing Susana Perea-Fox in the BOG Class of 2017.

Bob Dowler presented the Donald W. Tinkle Research Excellence Award to Keith Gido from Kansas State University.

Julie Waits presented the George Miksch Sutton Award for Conservation Research to E. W. Carson, A. H. Hanna, G. P. Garrett, R. J. Edwards, and J. R. Gold for their 2014

paper “Conservation genetics of the cyprinid fishes in the upper Nueces River basin in central Texas,” published in *The Southwestern Naturalist* 59(1):1-8.

María de Lourdes Romero-Almaraz and Susana Perea-Fox presented the Bruce Stewart Student Travel Awards for 2015 to Alberto Echeverría Serur, Aline Méndez Rodríguez, Biaani Pérez Niño, Biiniza Pérez Niño, Claudia Tonantzi Sandoval Silva, Cristina Gómez Valenzuela, Dafne Gri Zárate Martínez, Diego Miguel Arenas Moreno, Félix Javier Flores Zamarripa, Franklin Cuapio Chavarria, Jenifer Ruth Segura Ramos, Kinberly Montserrat Barrios Gómez, Manuel Alejandro Quintana Chávez, Mayela Flores Romero, and Noemí Juárez Sánchez.

Raelynn Deaton Haynes, Chair of the Student Awards Committee, thanked the SWAN members (and external reviewers) who helped evaluate applicants for the 2015 student awards. She announced that the eight recipients of the Howard McCarley Student Research Awards (\$1,000) included two undergraduate students, two Master’s students, and four PhD students. Awardees were (in no particular order): Kate Bell, PhD student, Texas State University, “Exploration of the evolutionary landscape of chemical sequestration using a model system,” advisor, Chris Nice; Lynne Beaty, PhD student, Oklahoma State University, “The latent effects of early life experience on frog behavior,” advisor, Barney Luttbeg; Justin Agan, PhD Student, Oklahoma State University, “Precocial sexual selection in *Crotaphytus collaris*: a field experiment,” advisor, Stan Fox; Young Zhou, PhD student, Texas A&M, “Woody encroachment of *Prosopis glandulosa* into the Rio Grande Plains: reconstruction of vegetation dynamics from a landscape-scale 3-dimensional pattern of soil $\delta^{13}C$,” advisor, Thomas W. Boutton; Miguel Aguilar, MS student, Texas State University, “When feces hit the fan: to what extent do white-tailed deer facilitate the spread of non-indigenous plants in the wildland-urban interface?,” advisor, Joe Veech; Danielle Perryman, MS student, Oklahoma State University, “Hormonal effects of supplemental feeding on Eastern Bluebirds (*Sialia sialis*),” advisor, Jennifer Grindstaff; Julian Rios, undergraduate, St. Edwards University, “Fighting with swords: genital combat as an alternative explanation for same sex mating in a coercive livebearer (*Gambusia affinis*),” advisor, Raelynn Deaton Haynes; and Clint Morris, undergraduate, St. Edward’s University, “Habitat complexity as a predictor for female oviposition preference in two Gulf Coast gobies,” advisor, Raelynn Deaton Haynes.

Deaton Haynes then thanked the numerous poster reviewers and announced the 2015 recipients of the Clark Hubbs Student Poster Award: First place (\$600) Jason Strickland, PhD student, University of Central Florida: “Maintenance of venom phenotypes in Mojave rattle-

snakes in spite of gene flow and environmental similarity,” advisor, Chris Parkinson. Second place (\$400) was awarded to Alejandra Osorio, undergraduate, University of Central Florida: “Phylogenetics of the depauperate genera within Lampropeltini (Serpentes: Colubridae),” advisor, Chris Parkinson. Third place (\$200) Hollis Dahn, undergraduate, University of Central Florida: “Comparative phylogeography of *Arizona elegans* and *Rhinocheilus lecontei* (Serpentes: Colubridae),” advisor, Chris Parkinson.

Deaton Haynes pointed out that two of these students were McCarley recipients and came back to SWAN to present their research, which is exactly what we hope for in the society.

Phil Sudman, President-Elect and Chair of the Wilks Committee asked the five student competitors to come forward and gave them each a check for \$250 to offset travel costs to the meeting. He then presented the 2015 Wilks Award (\$1,000) to Lucas Hall for his talk entitled “Desert bats and water: the importance of flight maneuverability in a changing climate,” and the Student Field Natural History Award (\$1,000) to Kelby Delaune for her talk entitled “Flow-dependent competitive interactions between the endangered *Gambusia nobilis* and invasive *Gambusia geiseri* in a desert wetland habitat.”

President López-González thanked the Local Representatives and Local Committee for a job well done. They received a round of applause from the membership.

Austin Osanski and Susana Perea-Fox read, and the membership adopted, the following resolutions, which were authored by Austin Osanski, Mandy Husak and Mike Husak. Perea-Fox followed Osanski with the Spanish translation for each resolution. Austin began with “Thanks to Jesús Fernández, Mike Husak, and Mandy Husak for their help in generating these SWAN resolutions.”

Whereas, the 62nd annual meeting of the Southwestern Association of Naturalists was held in San Diego, California, from 2-5 of April 2015 on the magnificent campus of San Diego State University,

And whereas, we were treated with abundant sunshine and fair weather in the midst of a most schizophrenic winter,

And whereas, scientific discoveries from multiple continents were exchanged from a wide array of biological disciplines spanning morphology, physiology, genetics, demography, reproduction, phylogeography, behavior, ecology, and conservation,

And whereas, Apple once again showed us their technological superiority by exhibiting minimal failures during essential moments in the BOG meeting and multiple paper sessions,

And whereas, it was stated in the BOG meeting that many members appreciate the meeting being scheduled

over Easter weekend, as it provides an excuse to avoid going over to our in-laws,

And whereas, a certain student thought it was unimportant to show up on time for his plenary session talk... however, it is understood that he probably would be late to his own funeral, but at least he would be appropriately dressed,

And whereas, the membership was impressed by the environmentally conscientious actions by San Diego State University by the use of Brussels sprouts in their flushless urinals, but it didn't make sense to many members because it altered the taste of the vegetable,

And whereas, during the 2015 meeting, the question, "Is this thing recyclable?" was asked more times than all the questions asked of presenters combined,

And whereas, SWAN members noticed that directions to anywhere in California begin with, "bruh... just get on the 8, and then hop on the 5, and then...",

And whereas, many SWAN members developed glaucoma during the 2015 meeting, but they then found out that their Texas health insurance didn't cover the cost of legal medical marijuana cards in California,

And whereas, irritable bowel syndrome caused multiple problems this meeting because of all the spicy Mexican cuisine in southern California; however, no incident compared to the 30-minute bathroom-break delay the bus driver took last night... but at least there was live entertainment from crazed students dancing in the Balboa Park fountain and a serenade by Sara González-Pérez,

And whereas, hosting the meeting in California with all the earthquakes was sure to prepare SWAN members for the upcoming meetings in Mexico City and Oklahoma,

And whereas, the Local Committee did such a good

job this year, the Resolution Committee had a difficult time coming up with things to make fun of,

And whereas, I would like to officially take the first selfie stick photo at a SWAN meeting... I borrowed this methodology from an article in the Southeastern Naturalist,

And whereas, SWAN continues to demonstrate its dedication to students,

And whereas, SWAN also continues to promote international collaborations and reach across the border to uphold the universality of natural history biology,

And whereas, academic families enjoyed the opportunity to reconnect annually,

And whereas, governmental agencies, academics and lay naturalists were able to come together and discuss biology,

And whereas, every member of SWAN has enjoyed the hospitality of a superb Local Committee spearheaded by Tod Reeder and Marshal Hedin and multiple students from San Diego State University.

Therefore, be it resolved, we thank all volunteers and supporters of SWAN and the San Diego State University administration for allowing us to convene on your beautiful campus and hold our 62nd annual meeting of the Southwestern Association of Naturalists."

President López-González then announced that the President-Elect is now officially the SWAN President, and she handed the gavel to Dr. Phil Sudman. President López-González then thanked everyone for coming to the meeting, invited the membership to the 63rd Annual Meeting in Mexico City and declared the meeting adjourned at 2100 h.

Respectfully submitted,
Raelynn Deaton Haynes, Secretary

THE SOUTHWESTERN ASSOCIATION OF NATURALISTS
ACTAS DE LA REUNIÓN DE NEGOCIOS, 62^A REUNIÓN ANUAL,
SAN DIEGO STATE UNIVERSITY,
SAN DIEGO, CALIFORNIA, USA
VIERNES-SÁBADO 3-4 ABRIL 2015

La Presidenta López-González convocó a la reunión a las 1024 h con un quórum presente. Los miembros aprobaron las actas de la Reunión del Consejo Directivo y Oficiales (BOG) 2014 y de la Reunión de Negocios de la 61^a Reunión Anual en Oklahoma State University (publicadas en *The Southwestern Naturalist* volumen 59(4), y disponible en la página web de SWAN en <http://www.biosurvey.ou.edu/swan>).

La Secretaria Raelynn Deaton Haynes resumió los reportes, discusiones y puntos de acción de la reunión del BOG celebrada el 2 de abril 2015.

La Presidenta López-González convocó a los miembros a nominar al Presidente-Electo. Susana Perea-Fox fue nominada, y después de un lapso de tiempo significativo sin nominaciones adicionales, M. Kennedy mocionó cerrar las nominaciones y elegir a Perea-Fox para la posición por aclamación. La moción fue apoyada por Mike Husak y aprobada. La Presidenta López-González a continuación convocó a los miembros a nominar a la nueva clase del Consejo Directivo. Ella anunció que los miembros deben votar por cinco candidatos, por lo cual