



# The Magpie

The Wildlife Society / Sacramento-Shasta Chapter



Volume 24, Issue 2

Summer 2016

## President's Message

*Rhiannon KlingonSmith*

Wow this year is flying by! Field season is underway, projects are in full swing, and summer fun time is happening. On that note, as always, our Chapter has held, and is still planning, a lot of cool fun activities lined up this year. See our upcoming events section for details!

As some of you may be aware, this year we are celebrating 50 years as a Chapter! Boy is that impressive! In doing so, your Chapter has a big celebration campout planned for mid-October. It is a wonderful reason to bring the whole family out to enjoy all the activities planned. So read the email updates sent, check our website for updates, and spread the word. Hope to see you there. Stay cool and take care.





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**Executive Board Happenings**

*Claudia Funari*

On May 10th, 2016 and July 12th, 2016, the Executive Board (Board) met to discuss and plan Chapter events and operations.

The Conservation Affairs Committee (CAC) discussed the proposed feral cat symposium at the May 10th board meeting. While the CAC sent out a call for



speakers and attendees, very few speakers would commit to a symposium either because they had other commitments or because they felt the symposium might be too controversial. Therefore, the symposium was dropped from planning, and the CAC has decided to focus on putting together a feral cat policy for the Chapter and trying to gather stakeholders around the policy to effect legislation. The CAC also plans to create a webpage that includes information on current issues, policies, measures and legislation affecting wildlife resources and the environment in the Chapter boundary. There were no updates from the CAC at the July 12th meeting.

The Membership committee stated at the May 10th meeting that they are working on updating the bylaws so that membership starts and ends one year from the date when someone signs up, instead of ending all memberships at the end of each calendar year.

The Professional Development Committee reported that the Tricolored Blackbird Workshop in May was a success, although the venue was reported to be a little small by participants. The Board plans to donate a part of proceeds to support tricolored blackbird (*Agelaius tricolor*) research, and is looking at potential funding avenues (Audubon's [\\$5 for 5 birds Fund](#), TRBL Working Group, and others). The Giant Garter Snake Workshop is set to take place in September 21-22, 2016, and the Board decided the Chapter will host the Natural Resource Symposium this year (see below for more information). The Chapter also decided to sponsor the CEQA for Biologists Workshop put on by the American Planning Association (APA), which will tentatively be held at the beginning of November.







(Exec. Board Happenings cont.)



The potential Fall Joint Camping trip to Pinnacles has been canceled. The 50th anniversary campout was scheduled for mid-August, but has now been re-scheduled for mid-October. The Yolo Basin Foundation and NorCal Bats chapter-sponsored bat tour at Vic Fazio Wildlife Area on August 5th, 2016 was completely bought out and was another successful event. The Board has been asked by the Western Section to give them a list of trainings so that they can post what is going on in our Chapter area.

The Scholarship Committee is working on improving student outreach by circulating the scholarship announcements at UC Davis and Sacramento State University. The student/professional hike held April 23rd, 2016 at Pine Hill Preserve was reported as a success. In July, the Board decided to change the scholarship application deadline to the end of December and award the scholarship in January to make it more consistent with student's schedules and financial needs.

The newsletter editor will put out a special edition of the Magpie that highlights the 50th anniversary of the Chapter. It will feature our Chapter member perspectives and stories. The Chapter will also advertise on the website that any member of the Chapter can contribute to the Magpie so that members know that they can add their stories to the newsletter.

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### Chapter Representative to the Western Section Report

*Katie Smith*

The Western Section of The Wildlife Society (Section) Board has been hard at work planning events and creating new and improved opportunities for members throughout the section. Planning for the Western Section Annual Meeting is in full swing! The [Annual Meeting](#) will be held **February 6-10, 2017** at the **Peppermill Resort in Reno, Nevada**. More details below!

The Section Board has also been working to develop ways to bring information and training to more members by appointing some new board members. Kelly Holland (one of our chapter members!) has been appointed as the **new Conservation Affairs Committee Chair**. In that role, Kelly will chair the Western Section Conservation Affairs Committee and work with the chapter CAC coordinators **to bring important wildlife and conservation issues up to various levels in TWS**. If you want to get involved, start by contacting the Sac-Shasta CAC committee and getting active locally ([melindabradbury@sbcglobal.net](mailto:melindabradbury@sbcglobal.net) and [cfunari@gmail.com](mailto:cfunari@gmail.com))!

#### [Next Sac-Shasta TWS Board Meeting](#)

Please join us at the next Board meeting on **November 9th, 2016** in Sacramento from 5:30-7:30pm. Location TBA. Hope to see you there!



(W. Section Report cont.)

In addition, Susanne Marczak has been appointed to the Section Board as the **new Communications Content Editor**. In that role, Susanne will chair the Communications Committee and will help the section improve communications and information flow. Perhaps our most exciting development is the creation of a Workshop Coordinator Position – this person will devote their time to offering the Western Section’s existing workshops more often and in more areas, as well as to developing new workshop curricula. That means many more opportunities for you to

expand and develop your professional skills. Lastly, the Western Section board is seeking a new co-chair for the Professional Development Committee. **If you are interested in getting involved in Professional Development** contact the interim chair of the Chapter’s Professional Development Committee Ona Alminas

([osv.alminas@gmail.com](mailto:osv.alminas@gmail.com))

and/or the Western Section co-chair Jessica Martini-Lamb

([jmartinilamb@gmail.com](mailto:jmartinilamb@gmail.com)).



At recent meetings the Section Board has discussed the ethics of some of our associations. The passage of North Carolina’s HB2, that includes restrictions on restroom use by transgender people, has become especially relevant to members as this year’s The Wildlife Society (TWS) Annual Conference will be held in Raleigh, NC on October 15-19. The Western Section will encourage The Wildlife Society to address this issue with members. Additionally, the Section Board has discussed sentiments of members in regards to the partnership of TWS with organizations such as Bayer Bee Health that take actions that harm environmental health. If you have thoughts, questions, or comments regarding these issues contact me, Katie Smith ([ratsmith@ucdavis.edu](mailto:ratsmith@ucdavis.edu)), your Representative to the Western Section Board, and I will pass them along.

As you have hopefully heard, the Western Section Board has been in discussion with members for the past two years about raising annual dues. In order to provide valuable meetings, workshops, and events for our growing membership, the Board has proposed raising dues. Membership last voted to update member dues in 1987 from \$15 to \$20 for standard dues, the board proposes to increase standard dues to \$30 and adjust other dues categories according to the formula set in Bylaws. Watch the Constant Contact emails from the Section for detailed information and an upcoming opportunity to vote!



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## Membership

Melinda Dorin-Bradbury

The chapter currently has 220 members. We have started tracking where the memberships are coming from such as Western Section, chapter socials, events, TWS, etc. so we have an idea of how memberships are generated and renewed. Our membership records now date back to 2005 in the same format and many of our members consistently renew. If you need to update your contact information or you think you are a member but you don't get chapter Mail Chimp updates, please contact [sac.shasta@gmail.com](mailto:sac.shasta@gmail.com) so we can confirm that we have your contact information correct in our system.

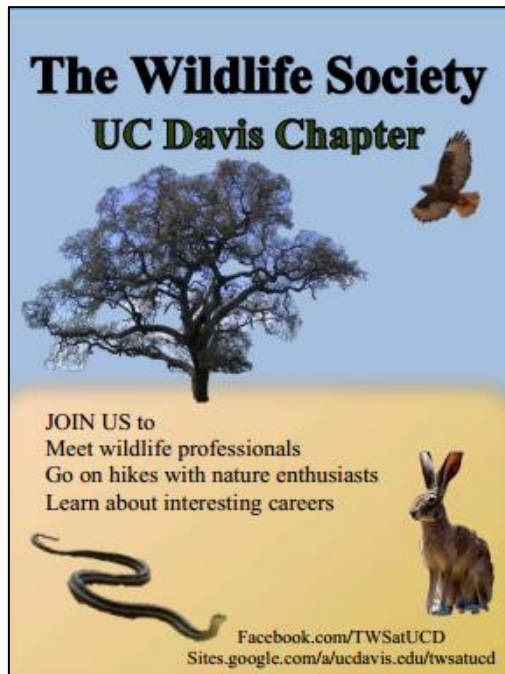


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## Conservation Affairs Committee

Melinda Dorin-Bradbury

The CAC is working to accomplish goals over the summer, but we really need your help. We would like to begin having a regular meeting or conference call schedule, but the more people we have the more we can accomplish. The Wildlife Society has made available some great guides on Conservation Affairs that we have used to draft some ideas for our chapter committee. We also prepared a letter to the Tree Care for Birds group who are drafting a Best Management Practices for the arboriculture and wildlife communities in California to use to protect wildlife while doing tree work. Our chapter president signed the letter. We are beginning to plan the Natural Resources Symposium in Sacramento with the CAC taking the lead – see below for more details. Contact us at [sac.shasta@gmail.com](mailto:sac.shasta@gmail.com) to get involved in our committee.



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## Scholarships

Rhiannon KlingonSmith

This 2016 year, I am pleased to announce that Ms. Annelise Del Rio, a first year U.C. Davis Ph.D. candidate in the Ecology Graduate Group, was awarded \$1,500.00 as part of the Chapter's academic and research scholarship program that will go towards funding the purchase of lab equipment for her studies. Annelise's research is focused on finding an "understanding of how salmonids cope with multiple abiotic stressors through physiological and cellular mechanisms with the goal of applying that knowledge to creating more effective water management strategies to support salmon

populations." As a Chapter, we value this kind of research and see its importance in the scientific community.





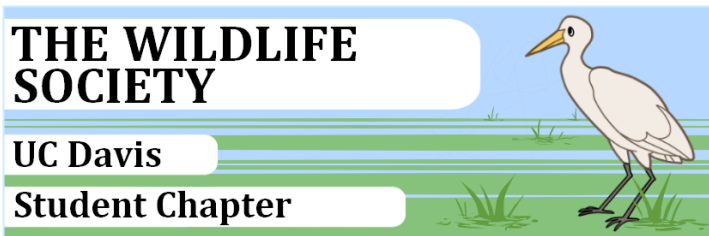
Scholarships are awarded to assist deserving students in a manner that will build strong, future TWS members, professional community, and continued growth in our research communities. Ms. Del Rio’s application and letters of recommendation truly helped demonstrate that we believe she will be conducting valuable research to benefit our environment and wildlife.



Every year, your Chapter offers both a travel scholarships and an academic & research scholarship. Some years we don’t have any students apply, and some years we only have a few applicants.

We want you to know that there is financial assistance to help, and if you would like to learn more about our chapter’s scholarships and apply, please check out our website here: <http://twswest.org/sac-shasta/home/scholarships/>.

There is still money available for travel grants, but remember that requests must be submitted no less than 2 months prior to the proposed trip. We also post scholarships offered by others organizations, and don’t forget about scholarships offered by the Western Section and International TWS!



**U.C. Davis Student Chapter Update**  
*Bailey Higa*

Throughout winter and spring quarter, the Wildlife Society at U.C. Davis remained committed to its mission of bringing together wildlife-minded students and bridging the gap between them and wildlife professionals! We hosted professionals like William Johnson, who helped members navigate USAJobs and tailor their resumes to the site's requirements, and Esther Kukielka, who spoke at the School of Veterinary Medicine about African Swine Fever outbreaks in African pigs! We were also keen to get into the great outdoors with excursions, such as a hike with the Vet Aid Club to the Black Hole of Calcutta, a guided tour of the Jepsen Prairie, and our annual trip to Año Nuevo to see the elephant seals! Finally, in keeping with our commitment to helping students network with wildlife professionals, we organized a “speed-networking” event with Sac-Shasta TWS wildlife professionals at Sudwerk’s Brewery! For our upcoming fall quarter events, please keep an eye on our [website](#), [newsletter](#), and [Facebook page](#). If you would like to get in touch with the student chapter, please email Bailey Higa at [brhiga@ucdavis.edu](mailto:brhiga@ucdavis.edu).



## UPCOMING EVENTS, WORKSHOPS & ANNOUNCEMENTS

### Giant Garter Snake Symposium

*Ona Alminas*

The [Giant Garter Snake Symposium](#) will be held on **September 21st, 2016** at the [Falls Event Center North Main Hall](#) in **Elk Grove, CA**. This one-day symposium intended for agency and private professionals, managers, and students will consist of a full day of oral presentations, and culminating with a poster session and social reception. Specific topics to be addressed in an afternoon classroom session will include the following information about giant garter snakes (*Thamnophis gigas*):



- Identification, Natural History & Taxonomy
- Distribution and Habitat
- Movements and Demography
- Diet and Health
- Threats, Conservation and Management

The field day for September 22nd is booked already, but there is still room available for the classroom session; late registration fees apply, and walk-ins will be accepted.

[Register on the Chapter webpage today](#), and stay tuned for specific agenda with speaker list and any symposium

materials. Contact [sac.shasta@gmail.com](mailto:sac.shasta@gmail.com) with any questions.

### 2016 Natural Resources Symposium – Call for Sponsors – Save the Date

The [Natural Resources Symposium](#) is scheduled for Wednesday **November 4th, 2016** at the [Casa Garden Restaurant and Event Center](#) in **Sacramento**. The symposium is an opportunity for wildlife professionals to present research on topics of wildlife ecology, management, conservation, education, or policy relevant to the Chapter membership area. The abstract submission deadline was Friday, September 9th, 2016. Stay tuned for more details

Please support the Sac-Shasta Chapter wildlife community as a [sponsor](#) to help us raise operating capital to promote other workshops and events and keep registration costs at reasonable rates.





## 50th Anniversary Potluck & Campout

*Ona Alminas*

With support from the Sacramento Valley Conservancy, join us the weekend of **October 15-16, 2016** to [celebrate 50 years of Chapter history](#) and accomplishments in the wildlife profession with a BBQ potluck and campout at [Camp Pollock](#) (467 Del Paso Blvd along the American River) in Sacramento! We're aiming for a reunion-like atmosphere, and welcome past board and chapter members and their families, as well as community members to celebrate with us for the evening in a relaxing and fun way. Planned activities for the evening and following morning include:

- **Kid's Corner** – Conservation movies and imprinted wildlife tracks
- **Special presentation** – “Bites and Stings” by Chapter member Mike Cardwell
- Chapter anecdotes, recognition of past board members, and campfire storytelling
- Silly wildlife **photo booth**
- Highlight the **wildlife resources** on the American River Parkway with a bat acoustic demonstration (*evening*), remote camera check, birding session (*morning*), and more!

The Chapter will provide basics for meat and veggie grilling, some beverages, dessert and Sunday morning breakfast items. Please bring: camp chairs, camping equipment for lawn (showers and bathrooms available); your family (+well-behaved, leashed dogs welcome); headlamp and /or camp lights.

Please join us to celebrate this historical landmark for the Chapter, and give cheers to continuing excellence to the wildlife profession, TWS members and the community in the coming years. **Please [RSVP](#)** no later than **Monday, October 3rd, 2016**. We look forward to seeing you there! *For more info, please contact Ona or Rhiannon at [sac.shasta@gmail.com](mailto:sac.shasta@gmail.com)*

### Brown Bag Seminars – Call for Speakers!

The Chapter is looking for other interested speakers and abstracts for upcoming brown-bag topics. Please send your abstracts to [sac.shasta@gmail.com](mailto:sac.shasta@gmail.com). Brown bag seminars are generally from noon to one. Attendees bring their lunches to listen to local scientists or policy makers give short, informal presentations about their work. Check the Chapter's [upcoming events webpage](#) or facebook page, or your email, for the next brown bag seminar.







**TWS Western Section Announcements**

***2017 Western Section Annual Meeting at The Biggest Little City in the World, NV***

The 2017 Western Section TWS Annual Meeting will be held at the **Peppermill Resort in Reno, Nevada** from **February 6-10, 2017**. The conference theme is "***Invasive Species: Globalization and bad decisions.***" Through the plenary session, contributed papers, and other parts of this conference, attendees will examine the causes and consequences of species invasions due to globalization and bad human decisions, from California to Guam.

This year's meeting will also feature a North American Pika Symposium, a Sage Grouse Symposium, an Altamont Pass Symposium, a two day Wilderness First Aid Training, and the Wildlife Biologist Construction Awareness Training (WildC.A.T.). As usual there will be breakfast roundtable discussions, workshops on preparing resumes and presentations, field trips, photo show, awards and more!



The Western Section is pleased to help facilitate the meeting of working groups during the Annual Meeting, as has been done in the past. In order to ensure space is available and to help minimize scheduling conflicts, if you are interested in holding a working group meeting, please contact Candace Renger, [candace.renger@gmail.com](mailto:candace.renger@gmail.com), as soon as possible.

The Western Section is now accepting abstracts for Oral Presentations and Posters for the upcoming 2017 Annual Meeting! The planning committee strongly encourages [abstract submissions](#) that relate to invasive species that affect either native wildlife or their habitats. All abstracts must be submitted by **October 15th, 2016**. Click here for the tentative [Call for Papers and Meeting Schedule 2017](#) – stay tuned for more details.



We hope to see you in Reno next February! Be sure to check the Western Section [website](#) often for more updates and announcements!



## ***Western Wildlife – The Journal of the Western Section of The Wildlife Society***

The third volume of the Western Section's new journal, *Western Wildlife*, was published in July 2016 and is available at <http://www.wwjournal.org/>. The three new articles discuss research on monarch butterfly (*Danaus plexippus*), mule deer (*Odocoileus hemionus*) and Blainville's horned lizard (*Phrynosoma blainvilli*). Please consider submitting your manuscripts for future volumes of *Western Wildlife*.

### **TWS National Announcements**

The Wildlife Society will hold its [23rd Annual Conference of The Wildlife Society](#) in **Raleigh, North Carolina** from **October 15-19, 2016**. The meeting will include workshops, symposia, panel discussions, special poster sessions, contributed papers (oral presentations), and contributed posters. While the deadline has passed for contributed papers and posters, it's not too late to register for the conference! More info at: <http://wildlife.org/>



### **PAST EVENTS**



### **Spring Mixer and Wildlife Art Show**

*Katie Smith*

On May 19th, 2016 over 60 wildlifers got together for an evening of friends, art, and conversation. With a mix of students, professors, wildlife managers, consultants, environmental scientists and, of course, artists, we had a fabulous time. Attendees mingled inside the beautiful setting of [Jackrabbit Brewing Co.](#) in West Sacramento and enjoyed delicious micro brews and Cuban food from [Elsa's Paladar](#). Our featured artists included four Ph.D. students from the Graduate Group in Ecology at U.C.

Davis: Aaron Ninokawa, Gabriel Ng, Erin Satterthwaithe, and Allison Simler; Rosemary Hartman, an Environmental Scientist with the California Department of Fish and Wildlife; and Tyler Jacobsen, a Forester with the U.S. Forest Service. Of course we all love to get together and chat over a cold drink or two, but having an art show to compliment it made the evening so much more fun! Do you have an idea for a future mixer? Email us today at [sac.shasta@gmail.com](mailto:sac.shasta@gmail.com) and let us know!







### Sutter Buttes Student Hike

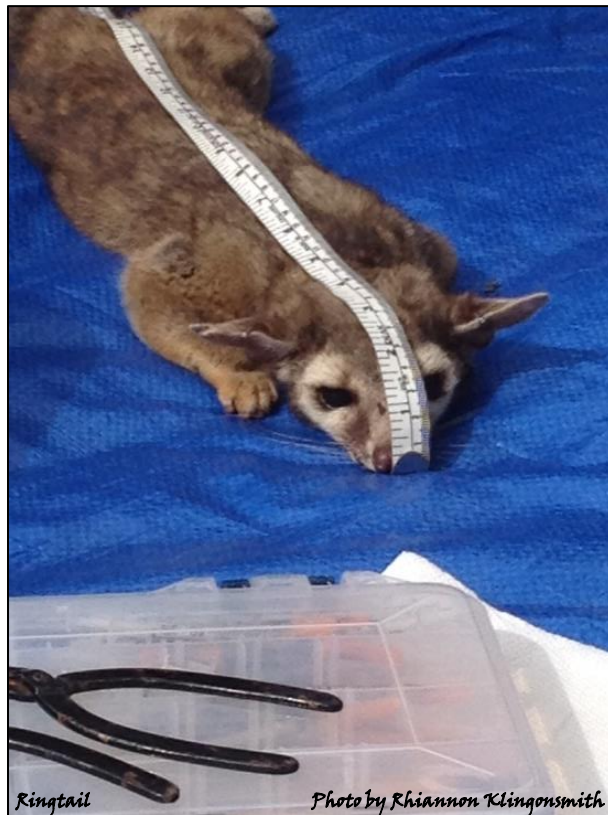
Rhiannon Klingonsmith

This past Easter Sunday (April 23rd, 2016) a group of 30 students came out for a guided hike in the gorgeous Sutter Buttes. The excursion was led by David Wyatt, Sacramento City College Professor and lead researcher of ringtails in the area. In addition, some of Dave’s team was there to assist along with your chapter President, Rhiannon Klingonsmith, and our student liaison Micheal Finnell.

It was an amazing day! We set out to check traps, which had been set up the night before, for ringtails (*Bassariscus astutus*). Along the way, Dave talked with the group about the natural history of the Sutter Buttes, his ongoing research mountain range, and his we hiked up and down the and through cows checking in learning about their was feeling the pressure to trap that had an individual in excited. Dave and his team steps for processing the area, and we proceeded to our surprise, a second trap were checked and picked up, location and sat quietly while examine the animals.

To Dave’s surprise, one of capture, which meant more work of the animal. He was the data collection process, careful and respectful of the

such a cute illusive animal up close. To our surprise, Dave allowed students and others a chance to touch and hold the ringtail! This made my day and I hope others as well. Overall, it was a memorable hike, and I hope sparked more passion into students who are on the path to become wildlife biologist, environmental scientists, and overall land and animal stewards for the future.



efforts in the world’s smallest appreciation for ringtails. As green hills, along waterways traps, students were engaged surroundings. Just as Dave find a ringtail, we came upon a it. Everyone grew very then began to explain next ringtail, they took it to a shady check the remaining traps. To had a ringtail! After all traps we all went to the processing Dave and his team began to

the ringtails was a new data collection and hands on able to talk everyone through while demonstrated being animal. It was so neat to see

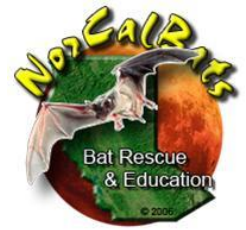
### Yolo Bat Tour

Rhiannon Klingonsmith

On August 5th, 2016, we once again teamed with the Yolo Basin Bat Foundation and NorCal Bats, and had a wonderful evening at the Yolo Bypass Wildlife Area. The evening began with a great presentation by a foundation instructor, Corky Quirk, where we learned about different bat species, their habitats, what they eat, how they find their prey, and they even had live bats for a feeding demonstration. After we watched a cute



informative bat movie, the group loaded up into cars, and we drove to the viewing site and waited for the bats to emerge from under the bypass. While waiting the instructor gave us lots more neat information about the bats we were about to see. All of the sudden we could see the bats traveling under the bridge to a single location where they began to fly out in extraordinary numbers. At the bypass, the bats have chosen to fly out at one particular location next to a tree, kind of like a designated cave entrance is how it was explained.



By the thousands, the bats flew out into the warm night air, spiraling high up into the sky, until they were no longer visible. Once one batch of bats would finish emerging, there would be a brief moment of chatting, and then there would be another group of thousands of bats flying into the sky. It was magical how they all knew where to emerge from and how they stayed together. It was a great experience. We had a total of 19 Chapter members attend along with their families and kids. It was a fun evening for everyone, worth doing again and again.



**August Brown Bag Seminar**  
Ona Alminas

We recently had a great brown bag presentation on August 30th, 2016 by Dr. Kristina Wolf (Research & Academic Coordinator, Russell Ranch Agricultural Sustainability Institute U.C. Davis) on wildlife use of restored and exotic grasslands by wildlife in the Central Valley. The seminar was held at the Dept. of Water Resources in West Sacramento. Over 25 wildlife professionals, as well as water and other managers attended to hear about her Ph.D. research and findings on how exotic grasslands aren't the



*Photo by Rhiannon KlingonSmith*

“end all, be all” for management, considering she found that raptor, small mammal, and overall herp use and diversity was higher for exotic grasslands, compared to grasslands restored with natives over 30 years ago. Her research has important implications for grassland restoration and management. Dr. Wolf is also a 2014 recipient of our Academic and Research Scholarship. Bravo, Dr. Wolf for your contributions!





## JOB and VOLUNTEER OPPORTUNITIES

Open Exam bulletin for **Environmental Scientist** (multiple State agencies) at the following website: <https://jobs.ca.gov/Public/Bulletin.aspx?examCD=9PB01>. If you are on the Environmental Scientist list, you can check for [vacancies](#). For the latest information on seasonal openings with CDFW, visit <https://www.wildlife.ca.gov/Employment/Seasonal>.

Check out The Wildlife Society's Wildlife Careers Online at <http://careers.wildlife.org> and the TWS-West job site at <http://www.tws-west.org/jobs.php>. For local job announcements and volunteer opportunities, check: <http://tws-west.org/sac-shasta/home/jobs-volunteering>. If anyone has job or volunteer opportunities to post in our next newsletter, please contact the [editor](#).

### \*\*\*NOTICE\*\*\*

## Upcoming Events and Items of Interest

### **50<sup>th</sup> Anniversary Update**

*Ona Alminas*

We welcome past Board and/or Chapter members to celebrate this fall our Chapter's 50th anniversary (1966-2016) and service to our region and the wildlife profession. As mentioned during our [kick-off celebration](#) (held at the Western Section TWS meeting in Pomona in February 2016), one of our goals was to recognize the contributions and perspectives of our past board and other members. With the help of many current and past members, we started to compile a log of past Elected and Appointed board members, which can be viewed at this [file](#), and on our [50<sup>th</sup> anniversary webpage](#). Thanks to efforts from former Newsletter Editor Randi Logsdon for leading the effort, as well as Rick Williams, Don Yasuda, Mariah Simmons (TWS in Bethesda, MD), Mike Chapel, Melinda Dorin Bradbury, Esther Burkett, John McNerney, Jeff Davis, Dan Airola, and others who have dug through their files to share their spreadsheets, newsletters, and older records!



A second way we wished to celebrate our Chapter's 50th is by a "special edition" *Magpie* newsletter that features the perspectives of past board or chapter members. We are requesting past board or chapter members write individual, or co-authored perspectives on topics, in a format of their choosing, such as: 1) historical perspective of wildlife conservation; 2) historical perspective on T&E conservation; 3) perspective on field of wildlife biology and connection to natural history; 4) the Shasta-Cascade merger with



the Sacramento Chapters (for folks around in the late 1980s-early 1990s); 5) past, present and future comparisons for any of the above topics, pertaining to the Sacramento-Shasta region or beyond; or 6) another topic you think would be interesting.

Format of the perspectives write-up is flexible – anecdotes from a hundred words to a couple pages are welcome (examples highlighting the Western Section's 50th anniversary can be viewed [here](#) and [here](#)), as well as any photographs, old newsletters or other chapter correspondence you would like to share. We would appreciate a commitment of your intent to prepare a perspectives write-up no later than **Friday, Sept. 16, 2016** to [sac.shasta@gmail.com](mailto:sac.shasta@gmail.com) so we can plan out our last issue of the 2016 Magpie. Draft perspective write-ups are requested by **Friday, October 14th, 2016**. We value your input to help document our history and further our Chapter's contributions to the wildlife profession.



The third way we are celebrating our Chapter's 50th is via the **campout and potluck** mentioned above on **Saturday, October 15-16, 2016** at Camp Pollock. Our flier (with details) can be viewed [here](#); RSVPs requested by **Monday, October 3rd, 2016** [here](#).

In our 50th year, our board is striving to carry on the legacy of those of you who served or took part in the Sacramento and Shasta-Cascade Chapters, and hope you can celebrate with us.

### **Natural Areas Conference**

Join your fellow wildlife professionals for the **2016 Natural Areas Conference** from **October 18-21, 2016** in **Davis, CA**. The overall theme of the conference is *Climate Change Adaptation and Natural Areas Management: Turning Words to Action*, and will include discussions on strategies and tactics that resource and natural areas managers can employ to prepare for and respond to climate change. The U.C. Davis campus will be the setting for this event, which will explore themes including connecting ecological restoration and adaptation, assisted migration, tree planting, prescribed fire and wildland fire use, native plant materials, meadow and stream restoration, pollinators and carbon and biomass markets. [Early registration](#) ends **September 23rd, 2016**.

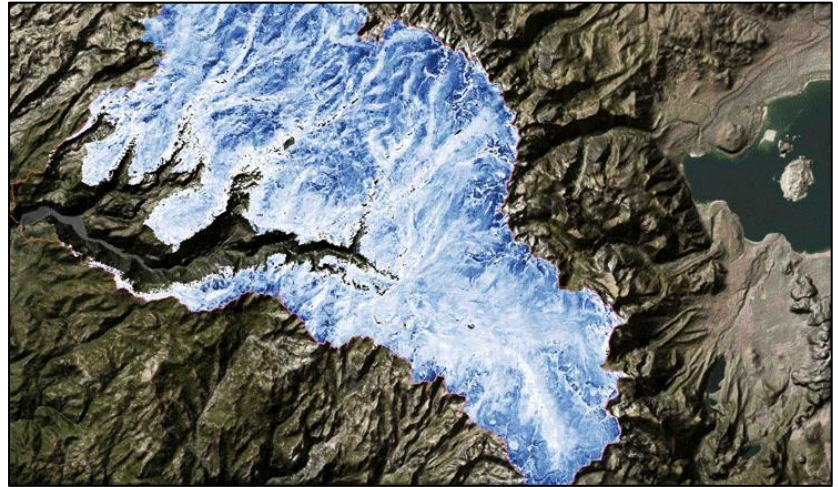






**California Climate Change Symposium**

There is an upcoming [2017 Climate Change Symposium](#) that will be hosted by the California Natural Resources Agency, the California Environmental Protection Agency, and the Governor’s Office of Planning and Research **January 24-25, 2017** in **Sacramento, CA**. California Climate Change Symposium is the premier forum for the sharing of cutting-edge research addressing the impacts of climate disruption on the state. This research informs the state’s strategies and policies to reduce greenhouse gas emissions and to develop programs to safeguard California from a changing climate. This year’s symposium will feature preliminary reports from *California’s Fourth Climate Change Assessment*, a status report on the state’s *Climate Change Research Plan*, as well as presentations on emerging research.



**2016 California Legislative Update**  
*Justin Garcia*

There are many recently passed laws and bills pending with the California state assembly, senate and Governor Jerry Brown that may be of interest to wildlife professionals and Chapter members, including but not limited, to: the Wildlife Conservation Board may be expanded to include two public members appointed by the legislature (AB 1089); amendments to the fully protected fish statute; the fees for a lifetime hunting or fishing license are proposed to be reduced by 25% for honorably discharged military veterans (AB 1844); Governor Brown approved a two-bill package that will extend the state’s greenhouse gas emissions reduction targets to 40% below 1990 levels by 2030 (SB 32), and also ensure that the policies to achieve those targets are carried out with equity, transparency and accountability (AB 197); and Governor Brown recently signed AB 2549 which indefinitely extends additional procedures for the review of CESA petitions, including public hearings and public comment. For information on pending, chaptered and enrolled California legislation concerning wildlife and natural resources, check out the 2016 CDFW legislative [report](#).



**California Fish and Game Commission**  
*Justin Garcia*

Governor Brown [appointed three new commissioners](#) to the California Fish and Game Commission (Commission) on May 6th, 2016 (Zolaikha Taghvaei Bayar of Davis, Russell Burns of Napa, and Peter Silva of Chula Vista), and the Commission announced hiring of a new executive director on May 9th, 2016, Valerie Termini, who will be the first female Executive Director in the Commission’s 100+ year history. On August 25th, 2016, the Commission voted to list the [northern](#)



Northern spotted owl. Photo by Tom Koqut.

[spotted owl](#) (*Strix occidentalis caurina*) as threatened under the California Endangered Species Act (CESA), but official designation will require completion of procedural steps, and the [Townsend's big-eared bat](#) (*Corynorhinus townsendii*) was not determined to be warranted for listing. Furthermore, the California Department of Fish and Wildlife prepared and presented their findings of a five-year status review report for CESA-listed [Swainson's hawk](#) (*Buteo swainsoni*) at the June 23rd Commission meeting and it was recommended to keep Swainson's hawk on the list of threatened species. Other important pending and recently passed regulatory

items pertaining to wildlife can be found on the Commission's [webpage](#).

### ***Climate Disruption, Campaign Finance, and Proposition 59***

*Justin Garcia*

Human-caused climate disruption has already begun to significantly impact wildlife and the habitats upon which they depend, and is ultimately the greatest existential threat to the future of humanity. While the scientific community has long been ringing the alarm bell on the environmental consequences of climate disruption, with too many years of no action from global decision-makers, now we must [urgently mobilize](#) a movement of epic proportions to correct the human activities that are causing significant harm to our planet and its climate. It is imperative that we rely on the best available science to swiftly establish laws and policies which mitigate the accumulation of atmospheric greenhouse gases, and which help wildlife adapt to changing climate and habitats.

As a result of the Supreme Court decision on *Citizens United v. Federal Election Commission* in 2010, the fossil fuel lobby is now able to pour undisclosed and unlimited sums of money into the political process and more effectively block progress on climate legislation. Despite the clear scientific evidence and the available technology to transition towards an economy powered by carbon-neutral energy sources, policy and decision-makers have failed to enact widespread legislation that places people, wildlife and the planet above profit.

The California State legislature has already [supported](#) a constitutional amendment to overturn *Citizens United*, and now the Overturn Citizens United Act ([SB 254](#)) places [Proposition 59](#) on the ballot for the November 2016 general election, giving the people of California the opportunity to [support](#) a constitutional amendment that would prohibit for-profit corporations from making contributions or expenditures to political campaigns. By getting big money out of politics, we can restore true, representative democracy and elect candidates that will take meaningful action to tackle climate change, such as: reducing greenhouse gas emissions with a national [carbon tax](#) on fossil fuels, repealing fossil fuel subsidies, and rapidly transitioning to a 100% carbon-neutral and sustainable energy system. Time is of the essence.

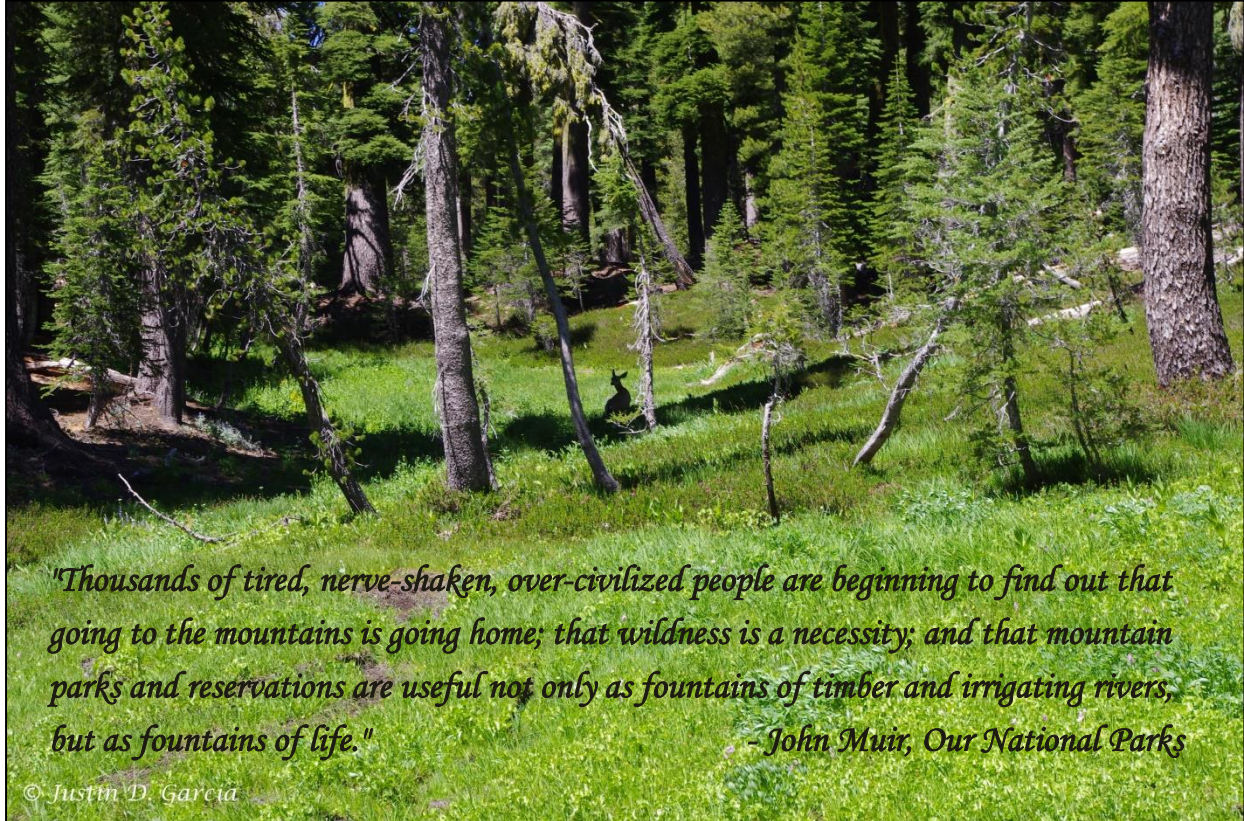




**Remember**

By National membership vote and a change in bylaws, Associate Wildlife Biologists and Certified Wildlife Biologists must minimally be members in good standing of The Wildlife Society to retain their Certifications. An updated certification directory is available by contacting [certification@wildlife.org](mailto:certification@wildlife.org).

*The Sacramento-Shasta Chapter welcomes comments and input from our members. If you have suggestions for articles, questions you want answered, things you'd like to see us do, or events to announce, please let us know! Contact any one of the Board members.*



August 25th, 2016 marked the 100th anniversary of the National Park Service. [#FindYourPark!](#)

**The Sacramento-Shasta Chapter of The Wildlife Society**

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