

The Valley Fever

January 2014

Board Positions for 2014 Election

It is time for annual elections to fill the President-elect board position. This year we are very pleased to have two great candidates for President-elect, Rick Perry and Eric Schaad! Please read their candidate statements on pages 15-16, then go online to vote (see link below). Voting is limited to current Chapter members, which includes 2013 active members who have not had a chance to renew 2014 membership. Cast your vote anytime through Tuesday January 27, 2014. Results will be announced at the next chapter meeting in Reno. Good luck candidates!

Elections Link:

<https://www.surveymonkey.com/s/V82VSKD>

Meanwhile, our current Treasurer and Membership Coordinator, Justin Sloan, and Secretary, Erin Tennant, have accepted appointments for another year. Thanks, Justin and Erin, for your service to the chapter! In the future, if you are interested in serving in any board position, or know of someone who might be interested, don't hesitate to contact the Past-president.

NEXT CHAPTER MEETING

Please join us for the next chapter meeting at the
**2014 Annual Conference of the Western
Section of The Wildlife Society**

January 27-31, 2014
Grand Sierra Resort
Reno, Nevada

**The chapter meeting is Wednesday Jan. 29,
8:00 to 9:30 PM.** Please refer to the conference
schedule for meeting room location.

Are you a student? Please join our meeting and
see what's happening. It's a great way to meet
new biologists, network, and get involved.

Head over to the Western Section's website for
registration and all the details for the annual
conference: <http://www.tws-west.org/>

Announcing Conference Grants to Students and New Professionals

The chapter is offering 5 grants for up to \$500 each to cover costs for registration, travel, and lodging for the Annual Conference in Reno! This is a fantastic opportunity to attend a great meeting, with many networking and educational opportunities. You need to submit to the chapter the following qualifications:

1. Be a current chapter member, only 5 bucks to join!
2. Submit proof you are a current student or have graduated within the last three years
3. Submit a very brief summary of yourself to apply
4. Keep all receipts (registration, lodging, food, gas) for reimbursement

Board Member Reports

President's Message, Jeff Davis

Participating in civic groups like ours used to be one of the only ways to connect with like-minded individuals. But thanks to the Internet, we now have myriad ways of connecting that don't even require leaving the house. Email lists, Websites, blogs, Facebook, LinkedIn, and Twitter are just some of them. In fact, so much vies for our attention these days, it's a wonder we can focus on any one thing long enough to get much done. Some argue that we now have [too many choices](#), which, rather than increasing freedom, causes paralysis.

Coincident with the increase in choices has been a dramatic [decline in active participation](#) in civic groups. The truth is, though, that our chapter has always struggled to maintain active members. Things happen because a few individuals make them happen. But we all benefit. In that regard, 2013 was another great year, with another successful Natural Communities Conference and a Blunt-nosed Leopard Lizard Workshop that provided real opportunities for professional growth and connection. I attended both functions but had nothing to do with organizing them. I feel I can objectively say, therefore, that these were first-rate offerings. I want to acknowledge Linda Connolly in particular, one of those few individuals, for steadfastly managing the registration and other logistics for these activities. To this bystander, these events just magically happened. Thank you, Linda. We also pieced together our 47-year history with the help of many current and former board members, including one of the founding Charter members, and sponsored a poster contest to raise awareness of kit foxes in urban Bakersfield. At our December meeting we also agreed to donate \$2,000 each to Working Dogs for Conservation and the California Living Museum (CALM), and \$2,000 in supplies to the CDFW Buttonwillow Ecological Reserve.

Maybe I'm stymied by all those options for connecting electronically. But between routine work and family obligations, I neglect to get outside and connect with nature as often as I'd like. In mid-August, when I realized I hadn't been out in awhile, my son Carson (Figure 1) and I headed for the Sierra, eventually poking around in Dinkey Creek. We followed rainbow trout and admired the architecture of caddisfly larvae. Then we spotted something different, something I hadn't seen before. Clinging to a submerged, rounded rock was a copper-colored, depressed, oval invertebrate (Figure 2). I picked up one of the quarter-inch-long creatures and saw that it had feathery appendages below (Figure 3). I still had no clue as to what it might be. Further research at home revealed it to be a water penny. Water pennies are the larvae of beetles in the Family Psephenidae. The adults are terrestrial but deposit their eggs on stones below the surface of the water. Water pennies occur in clear, moderate to rapid streams with gravelly or rocky bottoms. It turns out those feathery appendages are gill filaments. Water pennies apparently do not tolerate polluted waters, so their presence can be used as an indicator of water quality.

If you'd like to become an active member of the San Joaquin Valley Chapter, we'd love to hear from you.

—Jeff Davis



Figure 1. Jeff Davis's son, Carson Davis, at Dinkey Creek Aug. 2013



Figure 2. Water Penny, Dinkey Creek, CA.

Illustrations by Peter Gaede.



Figure 3. Water Penny, ventral view.

Board member reports, cont.

Treasurer and Membership Coordinator, Justin Sloan

The Chapter currently has \$43,750 in the bank. So far in 2013, Chapter expenses are \$9,878.45 and income is \$16,948.32. Expenses included \$1,600 in grants and donations with more to come before the year is out.

Overall Chapter membership has increased in the past year and the Chapter currently has 210 members. Now is a great time to renew your membership for 2013. You can mail in the 2013 membership form at the back of this newsletter with dues or you can renew through TWS National or the Western Section. Please continue to spread the word about the Chapter and encourage any friends or co-workers to join. Expanding the membership base allows the Chapter to provide more opportunities in the form of workshops, conferences, grants and outreach.

Chapter Rep to Western Section, Linda Connolly

As you all are probably aware by now, the Western Section's annual meeting will be held in Reno at the Grand Sierra Resort from January 27 to 31, 2014. We're hoping that San Joaquin Valley Chapter members are able to attend and that we continue to have a strong showing! Each year the Chapter donates a lot of great stuff for the annual meeting raffle, from outdoor gear to wine to books, and we're always looking for interesting ideas. Similarly, we've donated a number of things for the silent auction, and we can always use fresh ideas – and while the Chapter often covers the entire cost, it's great when we can work with an artist or a venue for a discounted or even donated item. If you have ideas or connections and would like to be involved, contact a board member!

With the year winding down I'm transitioning out of my role as Chapter representative to the Western Section. I've been a member of the Chapter Board for the last five years, holding the three-year term from President-elect through past President, and with three years as Chapter representative, with some overlap of positions in the middle. It has been an incredible experience to work with the dedicated group of professionals who keep moving this Chapter forward – our Board members, coordinators, the volunteers who are always there to make sure our workshops and Natural Communities Conference such a success, and our members who attend Chapter events, provide input, and share ideas. It is humbling to work with the group of people who have been so active with the Chapter for so long, and it's exciting to see more people becoming involved and taking an interest in what we're doing each year. As a new non-Board member, I hope to stick around to help with conferences and workshops in the behind-the-scenes way I've done for the last year or so. That work is always satisfying and fun, no matter how chaotic the planning can get. And I hope that as you read this newsletter you might decide to volunteer some time to help with an event, or to attend a Chapter board meeting. Our entire organization – and as a result our membership - benefits each time someone with a new point of view or a real interest in something becomes involved.

Thanks to everyone who has been encouraging and supportive (starting with Steve Juarez, who got me into this in the first place), and who has helped out on the various projects I worked on (including a few that got finished!). I hope everyone has a very safe and happy new year!

Linda

Board member reports, cont.

Website Coordinator, Howard Clark

Howard has taken time to update the chapter website and organize all the information in the new format. Follow the link below to keep up-to-date with the latest in chapter events, past board meeting minutes, and even chapter history, spearheaded by President Jeff Davis. Thank you, Howard, for keeping the website current!

New Chapter Website link: <http://www.wildlife.org/sanjoaquin/>

Chapter Announcements for 2014

Natural Communities Conference March 27, 2014

The annual Natural Communities Conference is planned for March 27, held on the CSU Bakersfield campus. It is co-hosted by the San Joaquin Valley chapter, the Bureau of Land Management, and California State University Bakersfield.

This one-day conference offers the opportunity to hear the latest research and management of species within the San Joaquin Valley and surrounding areas, network, and catch up with fellow biologists. The cost is only around \$30 dollars. Students' price is half-off too! Stay posted for more information and a call for presentations!

Other Possible 2014 Workshops and Events

The board is planning a workshop or two for this year and is considering a Botany Workshop and/or an Urban Ecology Workshop. Please contact the President if you are interested in getting involved with the planning process of these exciting workshops! A fun Tracking Workshop is also in the works. Stay posted for the exact dates for all chapter events which are sent out via email and posted on the chapter website.

Please let the board members know if you have ideas for future workshops, fun social events, or quarterly meeting locations! We want to hear from the membership!

Membership – Time to Renew!

It's time again to renew your membership (or become a member if you aren't already!) to the San Joaquin Valley Chapter. As with the Western Section, membership with the Chapter is annual, following the calendar year. We're very pleased to still have a membership rate that is about the lowest within TWS, at a mere \$5 annually. Membership dues help us to fund events, research grants, and general operations. Some benefits of membership include reduced rates at chapter workshops and other events, participation in quarterly board meetings, and the ability to vote in board elections. It's easy to pay your dues – you can do so when renewing with either National TWS or with the Western Section or you can send payment along with a 2014 registration form, included in this newsletter. We appreciate all our members and look forward to offering more opportunities and ways for members get involved.

Research Grants

Just a friendly reminder that our research grant guidelines are posted on the Chapter website at <http://www.wildlife.org/sanjoaquin/>. If you are conducting or planning wildlife research in the Chapter area, we encourage you to submit an application so that we can consider funding your work. Grad students, here is your chance, every bit helps!

Chapter Correspondence – Chapter Mailing Address!

All chapter correspondence, including sending memberships forms and checks, should be sent to the chapter's mailbox. The mailbox is checked regularly and all mail will get to the appropriate board member. Thanks for your help with this, as it helps us to be consistent and serve the membership better. **Please make sure you have TWS San Joaquin Valley Chapter in the address, and not just the board members' name.** Otherwise the post office kicks it back to you! Here is the address:

The Wildlife Society San Joaquin Valley Chapter
438 E. Shaw Ave. #230
Fresno, CA 93710

2013 Chapter Highlights

The Chapter's annual **Natural Communities Conference** this past March was well attended by over 100 people and included a full day of presentations on new research, conservation, and mitigation for species of the San Joaquin Valley and surrounding habitats. This annual meeting continues to provide valuable information for agency personnel, researchers, managers, and consultants working with San Joaquin Valley flora and fauna. There are many chapter members who help make this event possible, especially Larry Saslaw, David Germano, Brian Cypher, Linda Connolly, and Justin Sloan who organize the bulk of the conference. The chapter would also like to thank all the speakers who took the time to put presentations and posters together. Thanks to all the attendants as well. Stayed tuned for our next NCC in March 2014, right around the corner!

Blunt-nosed Leopard Lizard Workshop by Lori Bono and Erin Tenant

On May 2-3, 2013, the San Joaquin Valley Chapter held our fourth Blunt-nosed Leopard Lizard Workshop in Bakersfield, California. The event consisted of a day in the classroom, with talks about the ecology, identification, genetics, detection and regulation of the species, followed by one day in the field at the California Department of Fish and Wildlife Buttonwillow Ecological Reserve. All of the participants were able to see several blunt-nosed leopard lizards as well as the other possible lizard species found in the area, including Blainville's horned lizard, western side-blotched lizard, and California whiptail. A demonstration of scent dog detection of blunt-nosed lizard scat was also provided by Working Dogs for Conservation. The chapter would like to thank all of the people that volunteered their time and expertise to make this workshop possible. Thank you! Without you none of this would have been possible. Thanks to all the attendants as well. (See page 14 for a great photo of two Blunt-nosed leopard lizards!)

Chapter Events 2013, cont.

Two 2013 Chapter Awards from The Western Section (from the Western Section webpage)

Presented by Western Section President Linda Leeman, January 31, 2013

The following awards were presented at the TWS-WS Banquet on Thursday January 31, 2013.

The [Chapter of the Year Award](#) went to the San Joaquin Valley Chapter. 2012 has been a very busy year for the San Joaquin Valley Chapter. They have continued to offer a diversity of activities that facilitate social networking, professional development, and involvement in the broader Wildlife Society organization. In addition, they put on two workshops, the annual San Joaquin Valley Natural Communities Conference, and supported research grants and conservation groups with over \$5,000. The San Joaquin Valley Chapter membership increased by over 40% in 2012.



The Chapter of the Year Award went to the San Joaquin Valley Chapter. Accepting for the San Joaquin Valley Chapter is Chapter Western Section Representative, Linda Connolly.

The [Raymond F. Dasmann Award](#) for the **Professional of the Year** went to Dr. Brian Cypher, the Associate Director California State University – Stanislaus, Endangered Species Recovery Program, Bakersfield, CA. Over the past 40 some odd years of his professional career, Dr. Cypher's contributions represent important and significant additions to our body of knowledge dealing with kit fox and other small-mid sized mammals. Brian's research emphasis is canids and other predators, but other research experience includes work with small mammals, reptiles, ungulates, and plants. Dr. Cypher is considered one of the foremost experts if not the foremost expert in kit fox ecology. Has worked extensively on endangered San Joaquin kit foxes but also endangered island foxes, red foxes, gray foxes, coyotes, and gray wolves, and indirectly with swift foxes and corsac foxes. He is internationally known for his research on canids, especially San Joaquin kit foxes. He has been involved with research and conservation efforts on animals and plants in the California San Joaquin Valley since 1990.

Brian Cypher is a lifetime member of the San Joaquin Valley Chapter and has made many valuable contributions to the chapter and its members. Thank you for your dedicated service to the Chapter, Brian!

The Raymond F. Dasmann Award for the Professional of the Year went to Dr. Brian Cypher.



Photo by CSUS Endangered Species Recovery Program

Biology Notes from the Field

Ravens and Pistachios

By Jeff Davis

One of the collective nouns for a group of ravens is unkindness, as in “an unkindness of ravens”. It likely reflects their hard-boiled habit of eating anything and everything, including other birds. Farmers surely have less kind words for groups of ravens given the amount agricultural products they consume. Unlike American crows, which probably always formed large foraging and roosting groups, concentrations of common ravens evidently were historically rare in California, confined to certain food bonanzas, a grasshopper outbreak perhaps or an accumulation of roadkill. But California is witnessing an upsurge of unkindness, one that began only a few decades ago.



An unkindness of ravens in western Fresno County.

A review of bird record files I maintain for the journal *North American Birds*, along with personal observations, suggests the frequency of raven groups, especially in the San Joaquin Valley (SJV), has skyrocketed over the past decade. Based on 53 records, groups in the valley may include as many as 1500 birds, with an average size of 134 and a median size of 70. Actual average and median sizes are probably smaller, though, since observers tend to under-document smaller groups, those containing 25 or fewer individuals.

I use the word group intentionally. Assemblies of ravens lack the cohesiveness of traditional flocks (think geese or starlings, for example), with individuals flying every which way even when pursuing a potential predator. Groups are thought to contain mainly subadults and non-breeding adults. Whereas, breeding adults maintain year-round territories. I've seen groups during every month of the year, though they seem most prevalent in fall.



Ravens loosely pursuing a golden eagle over Friant, Fresno County.

What accounts for this apparent increase in numbers of raven groups? I sometimes see groups of ravens at landfills. Landfills are known to be fueling the increase in gull populations in the state, and they may contribute similarly to the increase in raven numbers. Where I've seen raven groups most often, though, especially over the past 10 years, is at and near pistachio orchards.



Ravens over a pistachio orchard in Friant, Fresno County.

Pistachios are native to Afghanistan, Iran, and Turkey. They are desert-adapted plants that thrive in the well-drained, saline soils of the SJV amid hot, dry summers and moderately cold winters. Approximately 98 percent of the US pistachios are produced in California, principally in the SJV counties of Kern, Madera, Fresno, Tulare, and Kings. They are grown valley wide in Kings, Tulare, and Kern but are mainly restricted to the valley edges farther north. This distribution coincides with the range of the common raven in the SJV, where the raven is one of the primary pest species on pistachio crops. Not surprisingly perhaps, the numbers of raven groups in the SJV appear to have grown concomitantly over the past decade with the dramatic increase in bearing acres of pistachios.



Ravens eating pistachios in Friant, Fresno County.

Pistachios – Bearing Acres (http://www.acpistachios.org)		
SJV Counties	2001	2011
Merced	4580	5805
Madera	19,600	26,290
Fresno	5760	22,447
Kings	6420	14,776
Tulare	7394	15,968
Kern	29,700	62,831
Total SJV Acres	73,454	148,117

Increase in bearing acres of pistachios in the SJV between 2001 and 2011.

Its omnivorous habits make the common raven not only the bane of pistachio farmers but the undoing of endangered species managers as well. To be sure, the raven's eating habits have been implicated as a causative factor in the decline of several listed species including desert tortoise, California condor, marbled murrelet, snowy plover, and least tern. It would seem the increase in raven numbers in the SJV could hamper the recovery of other listed species, including giant and Tipton kangaroo rats, San Joaquin antelope squirrel, Swainson's hawk, blunt-nosed leopard lizard, giant garter snake, and California tiger salamander.



Ravens over the Buttonwillow Ecological Reserve, Kern County, home to several listed species.

This is all shameless speculation at this point, as I have no systematically collected data on raven numbers and even less on the potential effects of ravens on listed species in the SJV. But I'd be interested in any thoughts or anecdotes others might want to share.

Originally posted October 28, 2012 to sjvwildlife@yahoogroups.com.

**Four new species of legless lizard described
by Erin Tennant**
Erin.tennant@wildlife.ca.gov

In September, exciting research about legless lizards found in our chapter area was published in *Breviora*, a publication of the Museum of Comparative Zoology at Harvard University. In the publication, researchers Ted Papenfuss, of UC Berkeley, and James Parham, of California State University, Fullerton, described four new species. Before this research was conducted, only one species of legless lizard was known to live in California, *Anniella pulchra*, which the California Department of Fish and Wildlife considers a species of special concern.

Major news outlets around the world picked up the story. Here are just a few links to some of the articles:

<http://www.bakersfieldcalifornian.com/local/x196570684/New-lizard-may-be-first-species-named-for-Bakersfield>

<http://news.fullerton.edu/2013fa/legless-lizards.asp>

<http://news.yahoo.com/4-legless-lizard-species-discovered-california-205854455.html>

<http://www.sfgate.com/science/article/4-new-species-of-legless-lizard-identified-4822729.php>

In an effort to better understand the range of each of the species, Ted Papenfuss has been placing cover boards on several CDFW Ecological Reserves and BLM lands. Recently, one of the newly described species, the Temblor legless lizard (*A. alexanderae*), was discovered on CDFW's Pleasant Valley Ecological Reserve, which is located near the city of Coalinga. Additionally, a legless lizard was discovered at Yaudanchi Ecologoical Reserve, near Porterville in Tulare County, but the species located here has not yet been determined.

Ted Papenfuss commented that, "The discovery of *A. alexanderae* on the Pleasant Valley Ecological Reserve came after our manuscript was already in press. Our published map shows the species only in the McKittrick/Taft area. I am sure that this species will also turn up on BLM land in Fresno and Kings counties where I have or will soon place more cover. We are preparing a range extension note that will be published later in Herpetological Review. We also have another locality of *A. campi* in the Lake Isabella area. I added lots of cover east of Lake Isabella a few weeks ago. I am certain that *A. campi* will turn up on both CDFW Ecological Reserves and more BLM areas."

If anyone has come across legless lizards in their survey efforts or knows of places with sandy soil that might be suitable for legless lizards and Ted's research efforts feel free to contact me.

Erin Tennant



Temblor legless lizard discovered at CDFW Pleasant Valley Ecological Reserve. Photo by Ted Papenfuss



Pleasant Valley Ecological Reserve, where a legless lizard was discovered by Ted Papenfuss. The cardboard cover board can be seen at center left. Photo by Ted Papenfuss



Two BNLL in Lokern Natural Area, Kern Co., June 2013. Photo by Shari Heitkotter, CDFW

Candidate Statement by Rick L. Perry for President-elect

I felt great satisfaction upon hearing that Randi McCormick has nominated me for the position of Chapter President. As a member of the Chapter for numerous years now, I believe the Board and members have done an outstanding job of building our chapter membership, continuing existing events and creating new events to draw more people. My experiences could bring insight and dedication which would further sustain the growth we have seen over the last few years and contribute to drawing further interest to our Chapter of dedicated wildlife professionals.

I remember, as a boy growing up in the southern Valley, being aware of a vast variety of wildlife we had in the fields where I once played. As most children do, I believed those animals would be there forever. As an adult, I realize the childish naiveté and when changing careers more than a decade into my adulthood, I found wildlife to be the right direction for me. I attended California State University Bakersfield where I received a Bachelor of Science degree in biology and was proud, as a returning student competing with the following generation, to receive from the faculty the award of Outstanding Graduating Senior in Biology. As an undergraduate, I conducted independent research on a new morphological characteristic in some fishes and managed the molecular biology lab for a Professor giving me a broad understanding of biological research.

Environmental law and protection of wildlife was learned and implemented in my life as a biologist for M.H. Wolfe *and Associates* Environmental Consulting, Inc. for over nine years. Recently, I have taken the next step in my career by moving to McCormick Biological, Inc., where I contribute what I've learned so far to a new set of clients and continue to learn as new topics come up. My work as a consulting biologist has included projects ranging from small, single lot buildings to large scale industrial and power projects where I have had the opportunity to help write measures to protect numerous species around projects, been on the ground protecting single individuals of sensitive species, to overseeing the gamut of environmental laws a project is subject to. On the fly understanding and decision making is an everyday requirement of protecting species. It is my belief that everyone in the wildlife field must be open to lifelong learning in order to stay relevant in a constantly evolving field where science and law collide.

Our home here in the Valley is under constant scrutiny regarding environmental protections, and for good reason. The Valley is changing rapidly and we professionals are often scrambling to keep up. For that reason, I often wonder how the public feels: unimportant, confused, overwhelmed, neglected? I believe that the San Joaquin Chapter of The Wildlife Society is perfectly situated to help our community as a whole to be more comfortable in these changing times while still maintaining the education and training we make available to our members and affiliates. I'd like to see us keep working hard and doing good work. I hope you will vote for me.

Sincerely,
Rick L. Perry

Candidate Statement by Eric Schaad for President-elect

I am humbled and very pleased to accept the nomination by Past President Skip Moss for the position of President-elect for the Chapter level of The Wildlife Society. I have been a member of The Wildlife Society for the past year and greatly appreciate the opportunity to be more involved by serving as President for the local chapter. My passion for understanding the natural world goes back as long as I can remember, and has taken me down many interesting paths. My career as a professional biologist began in 2003, conducting behavioral research on bison at Fort Niobrara National Wildlife Refuge in northern Nebraska. I switched gears slightly when I moved back to Bakersfield to complete my B.S. in biology at CSU, Bakersfield, where I studied the functional morphology of scombriform fish (tunas and relatives). My M.S. at the University of New Mexico took me down yet another path, pursuing my love of reptiles and systematics, and afforded me the opportunity to conduct 13 field expeditions to eight Latin American countries and Puerto Rico. My academic career wrapped up with two years of teaching human anatomy and physiology at Central New Mexico Community College (CNM) in Albuquerque. Throughout my time in academia, I worked on the side as a biological consultant, first for M. H. Wolfe and Associates, Inc. during my undergraduate days, and then as an independent herpetology specialist throughout my graduate career. Now, in 2013, I find myself drawn back to consulting and currently hold a position as a Senior Associate Biologist with Quad Knopf, Inc.

My career pathway represents an exploration, pursuit of, and exposure to a breadth of wonders of nature and science. This is exactly what The Wildlife Society brings to the table - an opportunity for like-minded individuals to come together to explore their intellectual drives, and become exposed to new ideas and new ways of thinking about the world. The Wildlife Society is a setting where networking with other professionals can lead to discovery of means to put into action the fruits of our exploration and exposure.

As President of the San Joaquin Valley Chapter of The Wildlife Society, I would continue to foster an atmosphere of learning and innovation by developing seminars focused around research needed to fill the gaps in our understanding of the ecology and environmental issues surrounding the San Joaquin Valley. I would work with current Society members and academic professionals to develop professional workshops and annual meeting symposia centered on current research, gaps in the research, the role of humans in the environment, and funding opportunities for research throughout the San Joaquin Valley. I am especially interested in targeted professional development workshops, such as Certified and Associate Wildlife Biologist development workshops. As Chapter President, I see my role as creating opportunities to bring great minds together to nurture our understanding of our own species and our species' place in the world.

Eric Schaad

San Joaquin Valley Chapter of the Wildlife Society

2014 Membership Form

Date: _____

Last Name: _____ **First Name:** _____ **M. I. :** _____

Mailing Address: _____

City: _____ **State:** _____ **Zip Code:** _____

Work Phone: _____ **Home Phone:** _____ **Fax:** _____

E-mail address: _____

Employer/Affiliation: _____

Areas of Interest:

Are you a student? Yes No If yes, which school? _____

Would you be interested in serving on a committee or become an officer? _____

Annual Dues: \$5.00 (make checks payable to "San Joaquin Valley Chapter-TWS")

Or did you pay your chapter dues when renewing with National and/or the Western Section? Yes / No

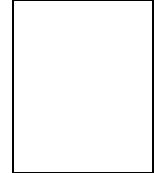
If you said "yes" please fill out this membership form as well and send it to the address below.

Mail forms with dues payment to:

The Wildlife Society San Joaquin Valley Chapter
438 E. Shaw Ave. #230
Fresno, CA 93710

For more information, contact Justin Sloan at: **jsloantws@gmail.com**

San Joaquin Valley Chapter TWS
Newsletter Editor
438 E. Shaw Ave. #230
Fresno, CA 93710



ADDRESS CORRECTION REQUESTED

THE WILDLIFE SOCIETY

2013-14 Chapter Executive Board and Committee Chairs

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President-Elect	Lori Bono, California Department of Fish and Wildlife, lori.bono@wildlife.ca.gov	(559) 243-4014
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