

# Southwest Section Newsletter

Fall 2013 - Vol. 3 Issue #2



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## President's Message

Misty Sumner 2013 President Southwest Section of The Wildlife Society

Many years ago my parents instilled in me the concept that to be great you need to surround yourself with greatness. I learned to avoid negative people and spend time with the thinkers and the doers. If only my parents could have met all of the folks I've been fortunate to work and collaborate with this past year as President of The Southwest Section of The Wildlife Society! I cannot believe how fortunate I've been and what an impressive opportunity I've had to meet and work with so many consummate professionals that are doing so much for conservation in so many arenas. I'm humbled and honored to have served you thus far in my role as President and look forward to working in the capacity of past president next year with the new board. The Section is now solidly on its feet and I know we will all work hard at keeping it there and continue to do great things for and with you.



Photo by Heidi Kryger Bailey

In an effort to support the goal of The Wildlife Society to "support the education, training, and ethical practice of wildlife professionals throughout their careers" the Southwest Section awarded three scholarships to very deserving professionals who applied to become a Certified Wildlife Biologist with The Wildlife Society. These scholarships were awarded to **Rachel Williams** of Arizona, **Ryan Walker** of New Mexico, and **Jamie Killian** of Texas. I'm proud we had such great applicants from each of the three states within the Section and I hope we can find some deserving and just as qualified biologists in Mexico and Costa Rica as well. We are committed to helping more members become certified so if you're interested, please contact myself or **Leland Pierce** and let's get you on your way to becoming a Certified Wildlife Biologist.

Although we have a presence on the website (<http://wildlife.org/SW/>) and an active Facebook Page (<https://www.facebook.com/pages/The-Wildlife-Society-Southwest-Section-Chapters-Hub/205755042835210>) one quick way to catch up with what is going on in the Southwest Section is to read the Newsletter. As you can see, **Renae Held** has once again done an excellent job and you'll find much to peruse in this one. I am very pleased to direct you to the International News Section to read a great article from **Jorge G. Villarreal G.**, Secretary of the Board of Wildlife for the State of Nuevo León, regarding the great conservation work happening in Mexico. Speaking of great conservation work... **Carter Smith**, Executive Director of Texas Parks & Wildlife writes in the current Director's Corner not only of Texas' past fifty years but what you might see in the next fifty.



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## President's Message

It is important to remember that the newsletter is for and about members. That means that it is important to contribute when you can. **Scott Lerich**, active member and past president of the Southwest Section, does just that as he writes about his work in the Southwest in an effort to help people understand what a biologist working for the National Wild Turkey Federation does.

In this newsletter you will find an excellent slate of candidates for next year's board. Please read their bios and be sure to vote for the candidate of your choice. They have ahead of them a year of hard work but the same unexpected rewards I've experienced. The life of the Southwest Section depends not only on their hard work but your involvement as members. Please continue to stay active and let us know what you'd like to see the Southwest Section doing for you. Remember to vote on proposed Bylaws changes. Revisions have been available on our website for your review for the past 6 months.

It is time to start thinking about the upcoming annual meeting. **The 2014 Annual Meeting of the Southwest Section** will be on **February 20<sup>th</sup>** in conjunction with the 50<sup>th</sup> Anniversary of the Texas Chapter of The Wildlife Society in Austin, Texas (February 19-22). Because this will be the 50<sup>th</sup> Anniversary of the Texas Chapter, the planning committee expects it to be well attended. We will only be able to have a 'Southwest Session' if we have enough papers with a 'Southwest' theme so please be sure and note the deadline (*November 30<sup>th</sup>!*) and submit your papers and posters. I hope to see many of you there. I guarantee this meeting will be one for the memory books!

Up to date details about the Austin meeting and lodging can be found on the Texas Chapter TWS website <http://site.tctws.org/xs.php?page=annualmeeting&siteid=268&bl=annualmeeting>



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Photo by Vivian Long

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## It is not just the SWS Board working for you. Remember your Committee Chairs:

Archives: **Selma Glasscock** [sglasscock@welderwildlife.org](mailto:sglasscock@welderwildlife.org) 361-364-2643

Audit: **Terry Blankenship** [tblankenship@welderwildlife.org](mailto:tblankenship@welderwildlife.org) 361-364-2643

Conservation Review: **James Ramakka** [jramakka@aol.com](mailto:jramakka@aol.com) 505-334-6140

Diversity: **Joe Beach** [joe.beach@tpwd.state.tx.us](mailto:joe.beach@tpwd.state.tx.us) 512-538-4059

Electronic Communications: **Mike Frisbie** [Mike.Frisbie@tpwd.state.tx.us](mailto:Mike.Frisbie@tpwd.state.tx.us)  
512-757-0899

Finance Committee: **Donny Worthington** [donny\\_worthington@xtoenergy.com](mailto:donny_worthington@xtoenergy.com)  
817-897-3144

Newsletter: **Renae Held** [rheld@hotmail.com](mailto:rheld@hotmail.com) 505-471-4445

Nominations Committee: **Leland Pierce** [leland.pierce@state.nm.us](mailto:leland.pierce@state.nm.us)  
505-476-8094



*El Capitan taken near the Visitor Center  
at Guadalupe Mountain National Park  
Photo by Misty Sumner*



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## What's Happening with TWS

Carol Chambers, Southwest Section Rep to Council

**TWS Finances** What's going on with TWS finances? The short answer is that Council received brief financial reports over the years that made it difficult to see we were overspending revenues. The recession also affected income because of the drop in interest and investment returns. We are correcting this with changes in accounting processes, review of accounts, and tight budgeting to rebuild reserve accounts. Ken Williams has been working hard during his first half year as TWS Executive Director to correct budget problems.

At the October Council meeting in Milwaukee, we reviewed expenses and approved a balanced budget. We are discussing changes to bylaws and an operating manual that will make financial reporting more transparent and provide more guidance to Council members on what and how to review. TWS is healthy, but we will be much more aware of budgets in the future.

*"To recap, the financial difficulties of TWS are a result of complicated reporting, the aggregation of operational income and investment yield, a lack of a focus on accrual accounting, a failure to track changes in financial status through time, and a general lack of engagement by the Council on finances, all of which made it difficult to recognize the status and trends in TWS finances."* – Ken Williams

Read more from Ken in his column "Thoughts from the Executive Director" (25 Oct 2013) at <http://news.wildlife.org/the-wildlifer/the-wildlifer-2013-october/thoughts-from-the-executive-director-4/>.

**A question for Southwest Section members** How can the Section better serve you? One idea I got from the Canadian Section is to offer a once-a-month webinar, free for SW Section members, small charge for non-members (become a member) on management, research, and policy topics. If this is of interest, let me know and the types of topics that would be of interest to you. Topics could range from conservation genetic applications in wildlife management to communicating with lay audiences, updates on wildlife biology for T&E species or whatever our membership wants to learn. I envision a 45 minute low-cost approach that would require participants to have access to a computer and software that will show a presentation while an expert talks about the topic. I'm also interested in developing and offering Southwest Section-sponsored workshops such as ecology of venomous snakes and their safe handling techniques, communicating wildlife science. I would also like to start promoting our top-cited TWS articles through the Listserv and Facebook. Let me know your thoughts.



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## What's Happening with TWS

Carol Chambers, Southwest Section Rep to Council

**Elections** Don't forget, now is the time to vote for Southwest Section officers! National elections are completed and we welcome Gary Potts (IL Department of Natural Resources) as the incoming Vice President for TWS. Gary served as a Section Representative to Council and has been very active in TWS for many years. You'll see him at TWS meetings, bringing ideas and comments to Council. Other newly-elected Representatives to Council include David Anderson (North Central Section), Harriet Allen (Northwest Section), and Cynthia Perrine (Western Section). Chris Ribic is the incoming 2014 Editor in Chief (EIC) for the Wildlife Society Bulletin. Many thanks to Leonard Brennan (TX), our current EIC and recognition to Warren Ballard (TX) who was serving as WSB EIC when he passed away January 2012. Evelyn Merrill is our new EIC for The Journal of Wildlife Management, replacing Bill Block (AZ).

**Awards** You'll find award recipients elsewhere in the newsletter, but congratulations to 2013 TWS Fellows Lenny Brennan (TX) and Reed Sanderson (AZ). Bill Burger (AZ) received the Distinguished Service Award for his contributions to TWS. Take time this year to recognize someone for their hard work for wildlife by nominating them for an award.

**Meetings** The 20<sup>th</sup> annual TWS meeting in Milwaukee was successful with over 1300 attending. Unfortunately it coincided with the federal shutdown and we missed many members who were unable to attend. In future, TWS will avoid dates around the start of the federal fiscal year. Get ready for Pittsburg in 2014.

The next IWMC will be held in Sapporo Japan, 26-30 July 2015. Why is TWS international? The North American Model recognizes wildlife as an international resource and membership in TWS includes members from 51 countries.

**Publications** There are several new TWS publications to check out. *Proceedings of the IV International Wildlife Management Congress* (Durban, South Africa, 2012) is available at <http://wildlife.org/documents/conferences/iwmc/proceedings.pdf>. James W. Cain III (NM) and Jason Marshal (formerly AZ) edited the Proceedings. *Essential Readings in Wildlife Management and Conservation*, edited by Paul R. Krausman and Bruce D. Leopold (<http://wildlife.org/publications/special-publications/essential-readings>), is available to TWS members at a 25% discount (use code HTWS) at [www.press.jhu.edu](http://www.press.jhu.edu).



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Need information on controversial topics? You can access fact sheets at the TWS website (<http://wildlife.org/policy/fact-sheets>). There you'll find the Captive Cervid Breeding Fact Sheet that you can share with legislators or other interested parties. You'll also find fact sheets on feral animals (horses, burrows, and cats), lead ammunition and fishing tackle, and North American wolves.



**Social Media** Check out TWS on Facebook or Twitter (or both). The Southwest Section is up to 188 likes on its Facebook page, up from 140 likes in July. Job posts reach more followers so we'll continue to post those. Like us at The Wildlife Society Southwest Section Chapters Hub (<https://www.facebook.com/pages/The-Wildlife-Society-Southwest-Section-Chapters-Hub/205755042835210>).

As always if you have questions or comments for me, please contact me: [Carol.Chambers@nau.edu](mailto:Carol.Chambers@nau.edu) or 928-523-0014 (office).

## New Mexico News

### DEPARTMENT OF GAME AND FISH ASSISTANT DIRECTOR R.J. KIRKPATRICK STEPS IN AS DIRECTOR

ALBUQUERQUE – The State Game Commission appointed Assistant Director R.J. Kirkpatrick to serve as the acting director of the Department of Game and Fish beginning Monday, Nov. 4. Kirkpatrick will begin serving as interim director of the department Nov. 13.

"I am very honored by the commission's decision and I am excited to take on this endeavor," Kirkpatrick said.

Kirkpatrick has worked for the department for 22 years in a variety of positions, from field officer to assistant director.



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## Director's Corner

### DIRECTOR'S VIEW

**By: Carter Smith**

Texas Parks and Wildlife Department  
of Game and Fish, Executive Director

### "TPWD 50<sup>th</sup> Anniversary"



Texas Parks and Wildlife (TPWD) turned fifty this year. Admittedly, following on the heels of all the hoopla surrounding last year's 75<sup>th</sup> anniversary celebration of the Wildlife and Sportfish Restoration Program, fifty doesn't seem all that significant in the national, or even regional, conservation discourse. But, at least back home, for all who care about our lands, waters, fish, wildlife, and hunting and angling traditions, it is a milestone in the history of Texas outdoors that is worth heralding.

Back in 1963, TPWD was created by the merger of the former Texas Game and Fish Commission and the then Texas State Parks Board. To no one's surprise, the deal was greeted with considerable angst, if not outright opposition.

The hunters and anglers who supported the Game and Fish Commission were deeply concerned about having their wagon hitched to the then cash strapped State Parks Board. Parks at that time were oriented more around public recreation than stewardship, and sportsmen had fought hard to earmark their license fees for restoring and managing fish and game. They didn't want to see their time, attention, and resources diverted to non-wildlife uses.

Not surprisingly, the park advocates had their own concerns. The origins of the merger had much to do with various fish and wildlife issues that had devolved into messy political battles over oyster dredging practices in Galveston Bay and colorful game warden encounters with powerful politicians. State park advocates had their own set of politics, and they certainly didn't need any more to contend with.

But, with the benefit of time on my side, it is hard for this wildlife biologist to argue against the wisdom of the deal, at least as it applies to Texas. By most any measure, we have been better for it.

The state park system has doubled in size and serves as a valuable portal for future anglers, hunters, and outdoor enthusiasts, particularly in a private lands oriented state. Along the way, redfish have been protected from the gillnetters, bighorn sheep have been restored to many a west Texas mountain top, waterfowl populations are at record levels, bass lakes keep getting better and better, bald eagles and brown pelicans are off the endangered species list, and nearly 20% of the state's 150 million acres of wildlife habitat is under a voluntary wildlife management plan with TPWD.



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## Director's Corner

### DIRECTOR'S VIEW - Continued

In short, Texas fish and wildlife populations have been in good hands under the watchful stewardship of the TPWD biologists, technicians, and game wardens, irrespective of the consternation leading up to and immediately following the merger.

But, one might reasonably ask, what will the next fifty years of TPWD look like? For starters, our mission won't change. Our work with partners to steward the state's lands, waters, fish, wildlife, and parks and to promote compatible outdoor recreation for all Texans, young and old, rural and urban is every bit as compelling as it was fifty years ago.

What will change, however, is how we go about implementing that same mission. We won't and can't rest on our laurels. The state is growing by leaps and bounds, and TPWD must contend not only with burgeoning pressures on fish and wildlife populations and their habitats, but also with a citizenry that is more urban, more diverse, and more disconnected from the outdoors than any generation prior.

The complexity and scale of those ecological and demographic changes are unlike anything we have experienced before. And, as anyone in the trenches will tell you, the window for sustaining the wild things and wild places we value isn't getting any bigger with the passage of time.

As a foundation, the agency's Land and Water Plan articulates our strategic vision for how we will move forward in such dynamic times. Within that plan, there are four overarching goals that TPWD's programs and actions are aligned around. These goals are supported by clear objectives, measurable actions, and relevant performance goals for all staff that are aimed at ensuring the long-term health of our fish and game and making the outdoors more accessible and enjoyable to Texas families.

First and foremost among them is our unwavering commitment to innovation in science and applied stewardship. Given the escalating challenges to our natural resources, if we aren't on the leading edge of both, we'll quickly be lagging behind. Our work by necessity must be ever evolving, interdisciplinary in nature and practice, tangible in outcomes, and be capable of functioning at scales that transcend our own fence lines. Private landowners are, and must continue to be, at the center of our work, as must water conservation, which is the defining natural resources issue for our state for this century.

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## Director's Corner

### DIRECTOR'S VIEW - Continued

As importantly, our applied fisheries and wildlife conservation work must translate into solving real world problems. That is true whether it is developing a new toxicant to control feral hog populations, pioneering regional recovery efforts for species like the Lesser Prairie Chicken, experimenting with unmanned aerial survey technology for population censuses and habitat assessments in remote places, developing early response and rapid detection systems to stop the incursion of harmful exotic species into our borders, or using new technologies to catch the poachers that steal the public's fish and game.

It also goes without saying that just as all politics is local, so too is the best conservation. Facilitating meaningful connections with and support for our state's proud outdoor heritage must involve buy-in and leadership from communities themselves. Not only will we aspire for more hunters, anglers, park goers, and nature and outdoor enthusiasts, but also we want all Texans to embrace conservation as a core value and an indispensable economic and natural asset for their long-term health, well-being, and vitality. In short, we want to preserve a sense of place among generations of Texans, now and to come.

That means we'll have to refine our education and outreach programs and deliver them in even more targeted ways to attract more diverse audiences, help break down barriers to recurring and lifelong participation in outdoor activities, engage whole families, and to make nature an everyday part of every Texan's life.

And, at the risk of sounding heretical to our outdoors based mission, we'll have to embrace technology even more so, in order to do so. Most young Texans will now have their first encounters with nature not in the woods or on the water, but through an iPod, a Smartphone, a web platform or some other technological enabler not even contemplated right now. Our goal must be to use technology to spark their interest in nature and to encourage them to spend more time in it with hooks, bullets, binoculars, and field guides.

I could go on, but I'll close with this. The essential work of the Texas Parks and Wildlife Department, like all those involved in the timeless business of conservation, will always be measured in generational terms. It is analogous to the parable about planting a tree to create shade for those who aren't even born yet.

We're proud to have helped make life better outside in our home ground for the last fifty years and look forward to the next fifty.

On behalf of all of us at TPWD, special thanks to the members of the Wildlife Society for caring about your wild things and wild places. They need you now more than ever.

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# Southwest Section News



## Candidates for SW Section Board

### Candidates for the Office of President-Elect and Secretary-Treasurer of the Southwest Section of TWS for 2014

In accordance with Southwest Section Bylaws, the Nominations Committee has identified two candidates to run for the office of President-Elect. The Bylaws require that the slate of officers be submitted to the membership by November 15 or at least 30 days before the election. In addition to candidates nominated by the Section Nominating Committee, others may be nominated for the same offices by a written petition to the Secretary-Treasurer signed by at least 30 active members no later than 1 July in the year of the elections. Prior approval shall be obtained from all candidates before nomination and all nominees shall be full members of the Section and voting members of the Society. Balloting will be carried out by electronic vote. Each member will receive a ballot on or before November 15 or at least 30 days before the election accompanied by an announcement of the slate of officers. Candidates and biographies are included on the following pages.

## VISION STATEMENTS

### **PRESIDENT-ELECT:**

WILLIAM P. BURGER

I've been involved with TWS for about 20 years, primarily with the Arizona Chapter where I've held various office and board positions and regularly assisted with Chapter activities. I've attended almost all of the joint meetings of the AZ and NM Chapters TWS during that period, and am looking forward to attending what will be my sixth national TWS meeting in Milwaukee. TWS has been and remains an important part of my career; as through facilitating interactions with fellow biologists from a diversity of agencies and areas, exchange of knowledge and ideas, education and welcoming of students into the profession, and meeting a number of friends. I look forward to continued involvement with TWS; and although I've not had much involvement at the Sector level to date, I'd be honored and pleased to serve as president-elect of the Southwest Chapter if elected.



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## Candidates for SW Section Board

### MARK C. WALLACE

I started as a member of the Wildlife Society as an undergraduate in 1979. I have been a member of the Southwest Section of the Wildlife Society, since I think, its' inception in the 1980's. I have spent most of the past 34 years conducting research and teaching students across the Southwest (11 years in AZ, 17 years in TX, and with 8 graduate students who worked in NM).



I have watched, as Fred Bryant called it, the waxing and waning of this section over the years. I am very excited by the recent resurrection, which Selma and Carol worked so effectively to make happen. This section faces difficulties finding common ground across a region as large and diverse as we are. I am convinced a uniting challenge of the future will be generating and disseminating a better scientific understanding of how decisions about land-use practices affect wildlife populations and ecological processes from landowner to regional scales. This issue, in particular, integrates nicely across all of the Southwest membership. Whether it is issues with diseases like chronic wasting, or white nose syndrome; urbanization of Houston toad habitat; agricultural depredation by pronghorn, and the complexities of relocation; traffic and big game issues in AZ; ecotourism and deforestation in Costa Rica or, socio-economic issues in Mexico; they all relate to human land use. Certainly tied with these are the extreme events we are seeing; like drought and major fires across the region, recent flooding in AZ and NM. What roles will these events play in landowner (private or public) decisions on how to use the land? Research at these larger scales is getting funding. I would hope we could become a conduit for collaboration to increase the amount of, and promote presentation of, this work. Most of all we need to find services, perhaps like these, to the TWS membership, that we can provide at the Section level, which will benefit us all by attracting more active membership to this level of TWS.

If elected, I would actively work to continue and promote this new resurrection of the Southwest Section of The Wildlife Society. I am convinced that if we present the fine work done across this region we would shine as the preeminent Section in TWS. The challenges are to integrate the excellent on-going state and landscape work into a more coherent picture of the wildlife research and management in the Southwest. I will bring my energy; the willingness to help promote good new ideas; and, connections I already have across the region and at National, to help meet the future needs of TWS membership in the Southwest.

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## Candidates for SW Section Board

### SECRETARY-TREASURER:

#### KEN BOYKIN

I value the unique platform that TWS provides for the interaction of students, professional biologists, research scientists, and others. This interaction benefits the entire conservation community and provides necessary cross fertilization of new ideas, management, and theory.

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#### ANNALIESE K. SCOGGIN

I believe this Section is poised to become an integral part of the professional development resources available to wildlife professionals in the Southwest. By increasing communication between student chapters, state and national chapters, and our parent society, we serve as an important hub of information exchange. I believe we should pursue new ways to involve and mentor the wildlife students in our section that will form the future foundation of our profession.



The joint Southwest Section and Texas Chapter of TWS meeting last year was a milestone in the growth of this section and a positive sign of things to come. I applaud the work and dedication of our past and present leadership to resurrect the Southwest Section and re-envision how it can serve our membership. I look forward to working with our section's leaders and members to build upon our current membership benefits (newsletter, website, social media, and symposia) to increase our relevance to potential members.

**Renaë Held, Newsletter Editor, can be contacted at [rheld@hotmail.com](mailto:rheld@hotmail.com).**

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## **WILLIAM P. BURGER**

### **EDUCATION:**

- M.S. in Natural Resources (Wildlife Management Option), Humboldt State Univ., CA, 1985.
- B.S. in Wildlife & Fisheries Biology (Wildlife Option), Univ. California, Davis, CA, 1981.

### **Current Position**

- Regional Nongame Specialist, Arizona Game & Fish Department, Mesa, AZ

### **Past Positions**

- Adjunct Professor, Scottsdale Community College, Scottsdale, AZ
- Adjunct Professor, Grand Canyon University, Phoenix, AZ
- Staff Biologist, Telonics, Inc., Mesa, AZ
- Temporary field positions with USFWS, USFS, Hornocker Wildlife Research Institute, & others.

### **Wildlife Society Participation**

- Certified Wildlife Biologist, The Wildlife Society, 1999
- Co-author on 2005 TWS Technical Review 05-1, Practical solutions to improve the effectiveness of the Endangered Species Act for wildlife conservation.

### **Arizona Chapter of the Wildlife Society**

- President (2000)
- President-elect (1999)
- Treasurer (2008-2010)
- Board Member (2006-2007)
- Corresponding Secretary (1997-1998)

## **MARK C. WALLACE**

### **EDUCATION:**

- B.S. – Forest Resources – Wildlife Sciences, University of Washington, Seattle, 1981.
- M.S. – Wildlife Ecology, University of Arizona, Tucson, 1985.
- Ph.D. – Wildlife and Fisheries Science, University of Arizona, Tucson, 1992.

### **CURRENT AND PAST POSITIONS:**

- Department Chair, Natural Resources Management, Texas Tech University, 2011- present
- Professor, Natural Resources Management, Texas Tech University, 2010- present
- Assoc. Professor, Dept of Range, Wildlife and Fisheries Mgt, Texas Tech University 2002 – 2010
- Asst. Professor, Dept of Range, Wildlife and Fisheries Mgt, Texas Tech University 1996-2002
- Adjunct Assistant Professor, Natural Resources Science, University of Rhode Island, 1992-1996
- Post-Doctoral Research – Jet over flights and desert ungulates, AZ-NV, Univ. Arizona, 1990-1992
- Graduate/Post-graduate Research Biologist, University of Arizona, 1981-1990



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## CURRENT AND PAST ACTIVITIES:

- The Wildlife Society, Member 1979 – present
  - Certified Wildlife Biologist
  - College and University Education Working Group, 1994-present
  - Chair, 2001-2007
  - Board Member, 1994-1997
  - Urban Wildlife Working Group, 1994-present
- Texas Tech Student Chapter mentor, 1998-present
- TWS Annual Conference Austin, 2000
  - Facilities Committee, Austin Meeting, 1999
  - Fundraising-raffle Committee, Austin Meeting, 1999
  - Student Presentation Judge, Austin Meeting, 1999
  - Publications Award Committee, 1996
- The Texas Chapter of The Wildlife Society, Member, 1996-present
  - Membership Committee, Chair, 2001-2002
  - Cottam Awards Committee, Member, Chair, 1998, 1999
- Arizona Chapter, The Wildlife Society, Member, 1981-1992
  - Program Chairman, Joint Annual Meetings Arizona - New Mexico Chapters of The Wildlife Society, 1987-1988
- New England Chapter, The Wildlife Society, Member, 1992-1997
  - Information & Education Committee, 1994-1996
  - Faculty advisor, R.I. Student Chapter, TWS, 1994-1996
  - New England Chapter, Newsletter editor, 1995-1996
- Society for Range Management, Member, 1985-present
  - Arizona Chapter, Society for Range Management, Member, 1985-1992
  - Capitol Chapter, Society for Range Management, Member, 1992-1996
- Associate Editor,
  - Desert Bighorn Council Transactions, 1992
  - Northeast Wildlife, 1993
- Editorial assistant,
  - Desert Bighorn Council Transactions, 1986-1996

## CURRENT AND PAST PROFESSIONAL AFFILIATIONS:

- The Wildlife Society
- Urban Wildlife Group—TWS
- College and University Education Working Group-TWS
- Ecological Society of America
- Society for Range Management
- Society for Conservation Biology
- Texas Chapter of The Wildlife Society
- Texas Section Society for Range Management
- American Planning Association
- Society for Ecological Restoration
- National Wild Turkey Federation
- Rocky Mountain Elk Foundation
- Rocky Mountain Mule Deer Foundation
- Desert Bighorn Council
- Wild Sheep Foundation
- Arizona Antelope Foundation



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## **KENNETH G BOYKIN**

### **Education**

- Bachelors Degree, Biology, New Mexico State University, 1990
- Masters Degree, Biology, Texas Christian University, 1992
- Ph.D. Degree, Range Science, New Mexico State University, 2006

### **Current and Past Positions**

- Research Associate Professor, New Mexico Cooperative Fish and Wildlife Research Unit, Department of Fish, Wildlife, and Conservation Ecology, New Mexico State University, 2011-Present
- College Associate Professor, New Mexico Cooperative Fish and Wildlife Research Unit, Department of Fish, Wildlife, and Conservation Ecology, New Mexico State University, 2009-2011
- Wildlife Research Specialist, New Mexico Cooperative Fish and Wildlife Research Unit, Department of Fish, Wildlife, and Conservation Ecology, New Mexico State University, 1998-2009
- Research Associate, Center for Ecological Management of Military Lands, Colorado State University, 1997-1998
- Wildlife Research Specialist, New Mexico Cooperative Fish and Wildlife Research Unit, Department of Fish, Wildlife, and Conservation Ecology, New Mexico State University, 1994-1997
- Environmental Scientist, Mariah Associates, Inc 1993

### **Wildlife Society Participation-Chapter, Section, National Involvement**

- Member since 2000
- Member of the Southwest Section of The Wildlife Society, since 2008
- New Mexico Chapter Member since 2008
- New Mexico Chapter, President-elect 2011
- New Mexico Chapter, President 2012
- New Mexico Chapter, Past-President 2013

### **Other Professional Involvement**

- Session Co-Moderator and Co-Organizer – Fire and Wildlife, Association of Fire Ecologist Conference, Santa Fe, NM, (2012)
- Desert Landscape Conservation Cooperative GIS Working Group – 2011-2013
- Technical Advisory Team for Fish and Wildlife Habitat - New Mexico Statewide Assessment and Strategy on Forest Resources (2009)
- Steering Team - Information Sharing and Needs Assessment Workshop for Wildlife Corridors and Crucial Habitat in New Mexico (2009)
- Session Co-Organizer - Comprehensive Wildlife Conservation Strategies (CWCS), National Gap Analysis Conference and Interagency Symposium, Ashville, NC (2007)
- Session Co-Moderator and Co-Organizer - Comprehensive Wildlife Conservation Strategies (CWCS), National Gap Analysis Conference and Interagency Symposium, Reno, Nevada, (2005)



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## **ANNALIESE K. SCOGGIN**

### **Education**

- B.S. Wildlife and Fisheries Sciences, Texas A&M University, 2008
- M.S. Wildlife and Fisheries Sciences, Texas A&M University, 2008

### **Current and Past Positions**

- Private Lands Biologist, Texas Parks & Wildlife Department, 2009–Present
- Biologist, Ranch Logistics, 2009
- Biology Instructor, Blinn College, 2009
- Teaching Assistant for Texas A&M University, 2008 Student Worker at Texas A&M University, 2005-2007
- Student Conservation Association Intern at Gulf Islands National Seashore, Mississippi, 2005

### **The Wildlife Society - National Involvement**

- Member of The Wildlife Society, 2006–present
- Member, Renewable Energy Working Group, 2010–present
- Member, Steady State Economy Working Group, 2010–present
- TWS Leadership Institute Participant, 2010
- Associate Wildlife Biologist®, 2010

### **Southwest Section of The Wildlife Society (SWTWS)**

- Member of the Southwest Section of The Wildlife Society, 2010–present
- Webmaster for the Southwest Section of The Wildlife Society, 2010–2012

### **Texas Chapter of The Wildlife Society (TCTWS)**

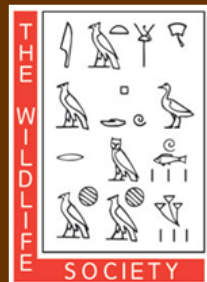
- Member of the Texas Chapter of The Wildlife Society 2004–present
- Chair of the Student Activities Committee 2013-2014
- Co-Chair of the Student Activities Committee 2011-2013
- Member of the Student Activities Committee 2010-2011
- Recipient of the Colin Caruthers Memorial Scholarship, 2007

### **Texas A&M University Student Chapter of The Wildlife Society (TAMU-TWS)**

- President of the Texas A&M Chapter of The Wildlife Society, 2006-2007
- Member of the Texas A&M Chapter of The Wildlife Society, 2004-2008
- Conclave (Quiz Bowl) Chair of the Texas A&M Chapter of The Wildlife Society, 2005-2006

### **Other Professional Involvement**

- Society for Conservation Biology (SCB) 2005-2008
- President of the Texas A&M University Chapter of SCB 2007–2008
- Secretary of the Texas A&M University Chapter of SCB 2006–2007
- Texas Wildlife Association 2007–Present



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## TWS Fellows

**Bethesda, MD** – H. Reed Sanderson and Leonard A. Brennan were named Fellows of The Wildlife Society (TWS) during The Wildlife Society Annual Conference which recently took place in Milwaukee, Wisconsin.



Reed Sanderson (AZ) is named Fellow, with President Kessler

H. Reed Sanderson has not only dedicated his professional life to the management and conservation of our wildlife resources and TWS, but most of his retirement years as well. During his 30+ plus year career with the Forest Service he established a reputation as a leader in forest and range restoration and improvement.

Reed was coaxed out of retirement to join the University of Arizona's Mt. Graham Biological Programs to assist with a highly polarized controversy over the development of an astrophysical observatory in the critical habitat of the Mt. Graham red squirrel. His many talents were put to the test dealing with protests and the threat of ecoterrorism. Reed was able to bring the various factions together to ensure that the program met federal and state requirements.

In retirement Reed also became extremely active in the Arizona Chapter, serving as President and initiating many projects and initiatives. Reed embodies what it means to be a 'wildlifer' for he lives a life of service and dedication to our natural resources in order to guarantee that future generations have the opportunity to enjoy our wild things and wild places.

Lenny Brennan is a Professor in the Department of Animal, Rangeland and Wildlife Sciences at Texas A&M University – Kingsville. He holds the C.C. Winn Endowed Chair in the Richard M. Kleberg Jr. Center for Quail Research.



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## TWS Fellows

Lenny's primary research interests pertain to habitat and population ecology of wild quail in Texas and developing a scientific basis for their management and conservation. He is conducting research projects on impacts of invasive exotic grasses, brush management, habitat restoration techniques, habitat relationships, understanding the predator context in which quail nest in South Texas, as well as the genetic ecology of bobwhites across the Texas landscape and their geographic range.

A TWS member for over 30 years, Lenny has been active in the Texas, Florida, and Mississippi Chapters. He is the current Editor-in-Chief of the *Wildlife Society Bulletin* and has served as Editor-in-Chief of *The Journal of Wildlife Management*. A prolific author and editor of hundreds of articles and several books, he has received numerous publication awards. Promoting diversity in TWS has been a priority for Lenny and because of his efforts over the past year TWS welcomes its first two women Editors-in-Chief for publications.



Lenny Brennan (TX), with President Kessler, is named TWS Fellow

## Leadership Institute

The Southwest Section had three 2013 Leadership Institute (LI) graduates this year: Rachel Williams (AZ), Sarah Hamer (TX), and Krysten Zummo (NM). Because of budget shortfalls, we weren't sure we could run LI this year. Generous contributions from Department of Natural Resources Management at Texas Tech University, Arizona Chapter TWS, and Southwest Section helped us keep LI funded. To date, 20% of LI grads have been from the Southwest Section. Many are already working as Chapter and Section officers or volunteers, as well as bringing leadership skills back to the agencies.



Class of 2013: Back row (left to right): Matt Bahm, Rachel Williams (AZ), Jonathan Wiens, Agnès Pelletier, Stephanie Ferrero, Sarah Hamer (TX). Front row (left to right): Krysten Zummo (NM), Rachael Urbanek, Amy Carrozzino-Lyon, Sarah Bullock.



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## Women of Wildlife - WOW

Carol Chambers, Southwest Section Rep to Council

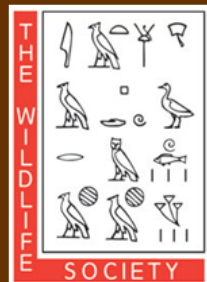
For those of you familiar with the acronym WOW, the conference in Milwaukee this year provided a new approach to Women of Wildlife events. Instead of a social, organizers Selma Glasscock (TX), Misty Sumner (TX), Tabitha Graves (formerly AZ), and others put together a symposium, workshop, and panel discussion. The workshop educated attendees about scientifically sound, practical information to use in the workplace or at home to improve professional and personal interactions. It was led by Dr. Tom Kalous who uses this information at the National Conservation Leadership Institute. The Symposium covered history of women in wildlife, gender-related differences, employers of choice for women and under-represented groups, mentoring, balancing career and family objectives, and more. The panel led a lively discussion summarizing key points of the symposium and answering questions raised by audience members.



TWS President Wini Kessler (standing) leads a panel discussion for the symposium "Women's Increasing Role in the Wildlife Profession". The panel members, from L to R included Joanna Prukop (NM), Jaqueline Friar, and Harriet Allen.

To continue networking, Selma Glasscock and I started a TWS Women of Wildlife Facebook page (<https://www.facebook.com/pages/TWS-Women-of-Wildlife/234411723382592>) in October. We are up to 671 likes (!) and seeing some interesting articles and conversations. Please like us (student and professional men and women at all stages in wildlife careers are welcome). One question posed on the Facebook page was to name women who have made a significant change in our world. Answers included Rosa Parks, Rachel Carson, Mother Theresa, Jane Goodall, Wangari Maathai, Lucille Stickel, Fran Hamerstrom, Malala Yousafzai, Susan B. Anthony, Marie Curie, Harriet Beecher Stowe, Eleanor Roosevelt, Harriet Tubman, Mia Angelo, Aung San Suu Kyi, and many more.

As always if you have questions or comments, please contact me at [Carol.Chambers@nau.edu](mailto:Carol.Chambers@nau.edu) or 928-523-0014 (office).



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## Professional Development

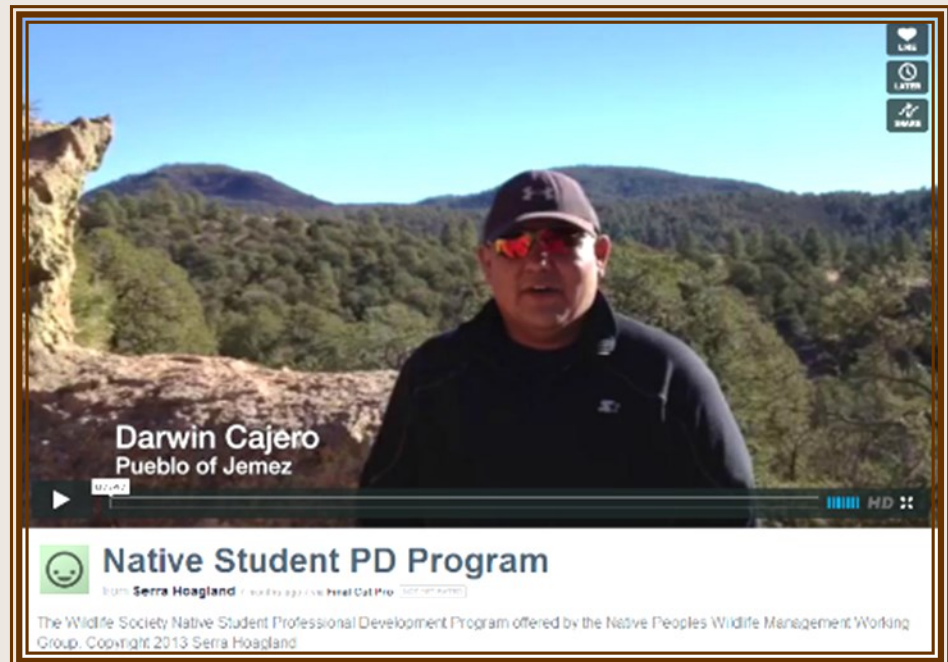
Carol Chambers, Southwest Section Rep to Council

Kent Fricke, PhD candidate, is already an expert at professional development. He was a Leadership Institute grad (2010), Chair for Student Development Working Group and Student Representative to TWS Council (2013), and organized a symposium for the 2013 Milwaukee TWS conference. Kent invited members of TWS Council, staff, student chapter advisors and officers to speak to the role of professional development in TWS. I learned more about student chapter needs – for example, workshops for students should be offered during the annual conference rather than before because students often travel to the conference on days we’re offering workshops.

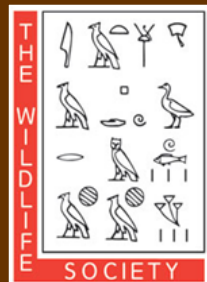
Kent asked me to speak at the symposium on professional development opportunities in TWS. I discovered a lot more than I expected.



Kent Fricke knows how to leverage professional development opportunities in TWS



The Native Student Professional Development program sponsored participation to the national conference



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# Southwest Section News



## Professional Development

Carol Chambers, Southwest Section Rep to Council

Here are some ideas for you to take advantage of, whatever your level of professional accomplishment. You will learn more and help yourself, others, or both in the process. Ideas: become a Certified Wildlife Biologist, join a TWS Working Group (there are at least 25), create a video for outreach, get a Professional Development Certificate for special training, nominate someone for an award, apply to the Leadership Institute, mentor someone or find a mentor, sponsor a workshop, write for a newsletter, hold a bat festival, become a Conservation Affairs Committee leader, get people trained in bird banding, give a talk for a school or to the public, find new career opportunities (jobs, internships, or volunteer positions), attend a TWS meeting (student chapter, state chapter, section, or a national or international) and while there give a presentation, participate in a workshop, field trip, plenary, quiz bowl, mixer. Don't hold back.



The Northern Arizona University Student Chapter created a video to attract members



Arizona TWS sponsored a Fun Shoot for students

My list includes developing workshops and webinars for the Southwest Section. By doing this I'll think about the needs of many wildlife biologists in the section, meet new people who can offer information to members, learn more about topics on policy, management, and science.

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# Southwest Section News



## 50 Years of Wildlife Conservation in TX

### Matt Wagner - President, Texas Chapter of the Wildlife Society

At the next annual meeting of the Texas Chapter of The Wildlife Society, we will begin our jubilee year celebration of the 50<sup>th</sup> anniversary as a Chapter. The meeting will occur at the Austin Sheraton, February 19-22, 2014. We will honor our founding members and leaders that recognized the need for wildlife professionals, practitioners and students in Texas to gather together as colleagues. The Texas Chapter has produced 7 TWS past presidents, 5 Aldo Leopold Award winners, 5 TWS Fellows, and 12 TWS honorary members. We are proud of our heritage and vitality. Today, we are the largest chapter in the nation with over 500 members and growing! We are especially proud of the student interest and involvement the Texas Chapter enjoys. As we prepare for that 50 year milestone, we have much to celebrate and much to contemplate.

Here are a few facts to consider:

- Texas is tops in number of hunters at over 1,000,000. Yet that number has not changed in 20 years, and as a percent of the population, we are losing ground
- There are an ever-increasing number of outdoor TV shows, magazines, and retail stores, and a dizzying product line from decoys to camouflage clothing, to advanced firearms of every description. Yet hunter numbers remain relatively flat. Why?
- Currently, the nation is experiencing an unprecedented level of gun sales, fueled in part by fear, both real and perceived. As a result, the federal tax on firearms and ammunition has resulted in a 40% increase in federal funding for wildlife management to state fish and wildlife agencies. In Texas, this amounted to nearly \$6,000,000 more than the previous year. This money, paid by hunters and shooters in Texas, and all 50 states, is required to be matched with \$1 in hunting license revenue for every \$3 federal dollars spent. The challenge will be to find the state match to leverage increasing federal dollars.
- The number of white-tailed deer, bighorn sheep, and whooping cranes are at all-time highs, and over a dozen threatened or endangered species have recovered or are improving.
- In the summer of 2012, Chronic Wasting Disease was confirmed in far West Texas. Additional resources are needed to monitor and contain this lethal disease.
- Pronghorn populations were restored to the Trans Pecos beginning in 1939, and in 1944 the first hunting season in 41 years was opened. Today, those populations are declining. Yet, aggressive steps are being taken to reverse this trend.

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# Southwest Section News



## 50 Years of Wildlife Conservation in TX

- Waterfowl populations are at all time highs, but the lack of surface water in Texas creates uncertainty for their future.
- Eastern turkey were restored to East Texas from 1986 until the late 90's, resulting in a spring season in 42 counties beginning in 1996. Now, due to declining populations, seasons have closed in 15 counties. Plans are underway for re-stocking under a new strategy.
- The Lesser Prairie Chicken has been proposed for federal listing as a threatened species. Landowners and managers are coming together to voluntarily conserve the bird and it's habitat across it's range. In Texas, voluntary conservation agreements total over 450,000 acres.
- Texas has been a bastion of superb quail hunting for the most passionate of hunters. Today their numbers have dwindled as bobwhite quail populations have declined statewide. And yet more energy and resources are combining to focus on this bird than ever before.
- There are now 30,000,000 acres of private land under written wildlife management plans administered by biologists of the Texas Parks and Wildlife Department. That is almost 18% of the entire land area of the state. Yet urbanization claims 175,000 acres each year making Texas the number one state in this rate of conversion.
- As our population continues to soar, those that have a connection with the outdoors has decreased, and with that, a lack of understanding of natural resource management, and ultimately, financial support.
- The proliferation of introduced invasive species continues to divert limited resources away from our primary mission – the conservation and management of native species and ecosystems.
- The ongoing drought and water wars have reached a critical stage in Texas. Wildfire intensity and frequency is changing the landscape. And we are becoming less timid in using the words "climate change" or "global warming".

Over the last 50 years, we have cherished the contributions of our formative leaders such as Jim Teer, Jack Ward Thomas, Wendell Swank, and many others. The Texas Chapter has a rich legacy to go along with our rich array of wildlife and habitats. But what makes our lives richer, are the people we work with every day: The people in this profession, and the people we work with on the land, that ultimately determine the fate of all wildlife in Texas. We are a profession of can-do attitudes that face challenges head on, and that's what we will continue to do for the next 50 years. That's what makes this business so special. And that is what will propel us into the future. We welcome members of the Southwest Section to join us to celebrate our 50<sup>th</sup> annual meeting.

See you in Austin!

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# Southwest Section News



## National Wild Turkey Federation

**Scott Lerich - Senior Regional Biologist,  
NWTF - Arizona and New Mexico**

Working as a Wildlife Biologist is among the most diverse vocations around. Some of us work with a single species, some work with a group such as waterfowl, some work across large geographic regions, others on a single property. Many work for a state or federal agency, others for research institutions or private landowners. I work for an NGO.



Repaired road crossing along a streambed on private land in NM (USFWS/NWTF project)  
(Scott Lerich - NWTF)

I am a Senior Regional Biologist for the National Wild Turkey Federation (NWTF) in Arizona and New Mexico. The NWTF is a national non-profit conservation organization dedicated to the conservation of the wild turkey and preservation of our hunting heritage. This is a unique position for a former agency biologist, very satisfying along with less paperwork. If I find something that works better,

I can run with that. There are rules to follow but I am not bound by internal agency bureaucracy like so many others are. My fellow NWTF biologists, there are 30 of us across the country, in the Eastern US often work with private landowners while those of us in the West work primarily with public land managers.



Peloncillo Mountains of Southwestern NM, Gould's wild turkey range  
(Scott Lerich - NWTF)

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# Southwest Section News



## National Wild Turkey Federation

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When asked what I do, my typical response is "I drive a truck and go to meetings." Of course there are the 100's of phone calls and e-mails that go along with the miles and meetings. Projects large and small across multiple ecosystems of the Southwest consume my time and it is not uncommon to be involved in discussions whose primary topic is endangered species. Just this past month I've had to consider Mexican spotted owls, Mount Graham red squirrels, Three Forks springsnails (a species ranging in size from 1-8mm), jaguars, Chiricahua leopard frogs, Apache trout, and Zuni blueheaded suckers in my projects. Overstocked forests across the Southwest and their susceptibility to large scale catastrophic wildfire are an issue I work with the US Forest Service on. Actively participating in the restoration of Gould's wild turkeys in both states is very satisfying. In just the past few months I've been on the North Kaibab and along the US/Mexican border and everywhere in between at elevations of less than 2,000 feet to well over 10,000 feet. Ponderosa pine forests and riparian habitats also command much of my attention.



Wet meadow in the White Mountains of AZ  
(Scott Lerich - NWTF)



Forth, Zuni Mountains of NM, Bluewater Stewardship project, Cibola NF  
(Scott Lerich - NWTF)

All those miles and meetings, phone calls and e-mails are spent bringing partners and money together to help coordinate habitat enhancement projects. Currently I am working on 2 large Stewardship projects involving 5,000 acres with a value of \$3 million and 4 grants/agreements involving 40,000 acres with a value of \$1.3 million, and many smaller scale projects. At this point in my career I do more for wildlife and habitat than ever before, and I am able to do it regionally, alongside some of the finest professionals working today. All because of the NWTF and its dedication to our grand American game bird, the wild turkey.



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## Mexico

### Mexican Wildlife Management Synopsis: From the road to extinction to the road toward sustainability

**Jorge G. Villarreal G.** - Secretary of the Board of Wildlife for the State of Nuevo León. (*Consejo Estatal de Flora y Fauna Silvestre de Nuevo León, A.C. - CEFFSNL*)

The arrival of Spaniards to what is currently Mexico in the early 1500s, brought significant changes in the cultural value of its rich wildlife diversity, as well as its use and management. Its wildlife included over 500 species of mammals, more than 1100 bird species, more than 700 reptile species and more than 25,000 plant species. All pre-Hispanic cultures, Mexicas or Aztecs, Mayas, Zapotec and Tarascan, among others, gave special importance and showed respect toward all Mexican wildlife species, due to the large amount and diversity of products they could obtain: meat, leather, feathers and many other products and by-products used for man's welfare.

However, the arrival of Spaniards drastically changed their view of the world, the appreciation and respect toward wildlife shown by all pre-Hispanic cultures in Mexico and the Americas. The Spaniards brought their livestock: cattle, pigs, goats, sheep, horses, donkeys and chickens, among other species.

And to help in the development of all these exotic species in the American Continent, Spaniards also brought their ranching customs and their traditional "ranching" production model. This livestock production model was based on seizing extensive natural ecosystems for grazing of livestock, in conjunction with indiscriminate felling of all kinds of trees. All this was done for the purpose of producing meat and leather for the European market.

Their approach of harvesting natural ecosystems for exotic livestock grazing led to native animal species being quickly pushed into the background and became simply "*mostrencos*," that is, ownerless animals, and therefore without any economic or cultural value.

Thus, from the 17<sup>th</sup> to the 20<sup>th</sup> century, that is, for more than 400 years, Mexico's ecosystems have been subjected to overgrazing by exotic livestock, and native animal species became a worthless natural resource, disregarded and overharvested. As a result, for more than 400 years, Mexican animal species were driven down the "road toward extinction," just as it happened with all the countries in the Americas, after the European colonization.

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Mexico is one of 12 countries with mega-diversity, and within its territory, which represents only 1.3 per cent of the total surface above sea land, it holds between 10 to 15 per cent of all the flora and fauna wildlife species reported around the world (Photo: J. G. Villarreal G.).



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## Mexico

### Mexican Wildlife Management Synopsis - Continued

In Mexico, the first code decreed to regulate the hunt and harvest of wild animals was issued in 1870, and not until 1940 (only 73 years ago) was the first Hunting Law decreed in Mexico. This ordinance acknowledged for the very first time in Mexico that wild animals are a natural renewable resource owned by the nation, and their conservation, recovery and propagation is considered useful for the public. This law came after more than 400 years of considering wildlife as a "mostrenco" resource, ownerless, without any value and subject to free appropriation, overharvesting and depredation from anyone without having to pay anything whatsoever for its use.

The first Hunting Law from 1940 prohibited hunting wild animals during closed seasons, hunting at nighttime aided by artificial lights, and hunting pregnant females and their offspring. However, this law continued to allow the disastrous commercial hunt of wild animals and harvesting their products and industrialized remains. This activity had become throughout the centuries a "Modus Vivendi" for many farmers and traders in rural communities and cities in old Mexico.

The Federal Hunting Law was declared only 61 years ago, in 1952. This is when Mexican wildlife actually began a true revaluation process, by prohibiting commercial hunting and enabling sport hunting to people who obtained hunting licenses and paid the appropriate taxes. This law also established hunting seasons, the number and species to be taken, and the means allowed for sport hunting. The new law established the hunting of females and/or young animals as a serious poaching crime, which provision represented the beginning the recovery process of abated wild populations of deer, rams, American antelope, black bear and other species of wild animals that are relevant for hunting, which by the 1940s were on the verge of extinction or had already disappeared in many states.



There are currently 11,000 Management Units for Wildlife Conservation, UMAs, managing 32 million hectares of natural ecosystems of forests, bushes and jungles, preserving a wide range of Mexican wildlife (Photo: J. G. Villarreal G.).

In the 1980s, livestock breeders in Northern Mexico, including Coahuila, Nuevo León and Tamaulipas, who had recovered their wild animal population of Texan whitetail deer *Odocoileus virginianus texanus*, with the support of the National Livestock Breeders' Confederation (Confederación Nacional Ganadera), began lobbying the Federal Government for a new law on wildlife management, expressly including at its core the exclusive right to harvest wildlife for rural property owners, who are the people doing the field work required for wildlife management and conservation, as well as for their natural habitats.

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## Mexico

### Mexican Wildlife Management Synopsis - Continued

By 1987 the National Association of Diversified Ranch Owners and Wildlife Breeders (Asociación Nacional de Ganaderos Diversificados Criadores de Fauna - ANGADI) was incorporated, and in 2000 the new General Law on Wildlife (Ley General de Vida Silvestre) was decreed, establishing the foundation that "wildlife is still national property," but "owners of rural property are the only individuals bearing harvesting rights," provided it is done sustainably and based on a "management plan" previously approved by SEMARNAT's Department of Wildlife (Dirección General de Vida Silvestre). Thus, the current wildlife harvesting model in Mexico was implemented, known as UMAs, Management Units for Wildlife Conservation, resulting in a "new road toward true conservation and sustainability of Mexican wildlife." According to this new sport hunting law in Mexico, hunters shall procure their sport hunting license and pay the corresponding taxes. This sport hunting license enables the bearer to hunt throughout Mexico, strictly within UMAs whose proprietors will deliver the harvest tag for authorized game, as per the previously agreed arrangement, and with the tag, the hunter may legally transport said specimen(s).

Thirteen years after the General Law on Wildlife was decreed, there are more than 11,000 UMAs operating and managing a total surface area of 32 million hectares of natural ecosystems of forests, bushes and jungles. This surface area represents 16 per cent of the Mexican territory. If we add the 22 million hectares managed within the Natural Protected Areas (ANPs) program, that is, 11 percent of Mexico's surface, it means we currently have 54 million hectares of natural ecosystems under a "management plan" approved by SEMARNAT. Meaning that in Mexico, 1 out of 4 hectares is subject to a "management plan" for the conservation and sustainable harvest of wildlife.



By the 1940s, deer, ram, American antelope populations, as well other species of wildlife were extinct from several areas around the country. However, as of 2000, wild populations of these species have increased significantly as a result of their sustainable harvesting in UMAs (Photo: J. G. Villarreal G.).

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## Mexico

### Mexican Wildlife Management Synopsis:

**Jorge Gabriel Villarreal**

Secretario del Consejo Estatal de Flora y Fauna Silvestre de Nuevo León, A.C.  
 Padre Mier No. 545-F poniente  
 Centro, Monterrey, Nuevo León C.P.64000  
 Correo electrónico: ceffsnl@prodigy.net.mx

With a degree in Civil Engineering and a Master's in Water Use, Management and Conservation, since 1972 to the present, he has provided technical guidance to over 300 ranches in northeast Mexico in the areas of water infrastructure development and wildlife restoration and management, particularly the development of the wildlife management plans which are required in Mexico for the sustainable use of wildlife resources.

Since 1999, he has served as Secretary of the Flora and Fauna State Council of Nuevo León. The Council provides technical guidance to landowners in the development of their wildlife management plans, including the expertise to monitor habitat and wildlife populations.

From 1985 to 2013, he has conducted over 100 capacity building workshops in white-tailed deer management which have impacted over 5,000 landowners, "ejidatarios", ranch managers and hunters.

Since 1994, he has been in charge of the Regional Restoration and Conservation Program for Palo Blanco Watershed, which comprises 53 landowners with 130,000 ha of brush and oak forests under wildlife management plans. Currently, this Regional Program encompasses the conservation of 415,000 ha of habitat with a number of species at risk (*Oso negro Ursus americanus*, *Águila real Aquila chrysaetos*, *Víreo gorrinegro Víreo atricapilla*, Maguey de hoja ovalada *Agave ovatifolia* y Maguey noah *Agave victoriae-reginae*). Asociación AgroBIO México, an NGO, recognized this project with a national award in 2011.

He authored "Management and Sustainable Use of White-tailed Deer" and "Field Guide for the Responsible Hunter of White-tailed Deer" as well as periodical articles and chapters in various wildlife management publications. He is a life member of the International Hunter Education Association and teaches hunter education in Mexico as part of Mexico's Hunting Federation (FEMECA) program. He has the lead among the Mexican instructors in the total number of students that he has taught.

He is a member of the SCI-Monterrey Chapter and has received a number of recognitions over the years for his wildlife restoration and conservation work in Mexico.



### Current Members

AZ	NM	TX	Int	Ot
79	67	113	1	16



# Southwest Section News



## National TWS Conference

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Dinner and museum visit at the closing night event.  
 From L to R: Matt Bahm (LI graduate 2013), Jon Haufler (TWS President 2013-14), Harriet Allen (TWS Council Member), Evie Merrell (TWS Fellow, Editor-in-Chief JWM), Wini Kessler (TWS President 2012-13), Rachael Urbanek (LI graduate 2013)



Nova Silvy (TX) at the student-professional mixer



"Gary White (TWS Council) and Jon Haufler (TWS President) join Reed Sanderson (AZ, standing) and others at the retired members gathering during the 2013 Milwaukee TWS Annual Meeting"



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Texas A&M Student Chapter competes at the Quiz Bowl



Krysten Zummo (NM), Leadership Institute grad 2013



Bill Burger (L) receives the Southwest Section Distinguished Service Award (DSA) for 2013 (with TWS President Wini Kessler)

The Wildlife Society DSA recognizes TWS members who have made a long-term commitment to the Society based on membership longevity and TWS service. The member is someone who is "always there" and can be counted on to serve the TWS at any level. The award recognizes individuals who have worked throughout their careers in a variety of ways to further the mission of the Society. Bill has served on the Arizona Chapter Board in a number of leadership positions and has organized many events for TWS.



Aletris Neils (AZ), Leadership Institute grad 2012



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# Southwest Section News



## Changes at TWS

### Departing for other positions



Darryl Walter ([dwalter@wildlife.org](mailto:dwalter@wildlife.org)), Chief of Staff, is leaving TWS to serve as Director of Membership with the American Academy of Actuaries. Some of his accomplishments include three consecutive years of record membership, addition of new member benefits, bringing back the IWMC, and creating a more robust annual conference that actually produces a net revenue for the Society. Darryl also brought a high sense of professionalism to the Society, the office, and business operations. Darryl's last day was November 20 but he is helping create a smooth transition to the next membership director.

Terra Rentz ([terra@wildlife.org](mailto:terra@wildlife.org)), Deputy Director, Government Affairs & Partnerships, has been accepted into a graduate program at SUNY ESF/University of Syracuse – Maxwell School for Public Administration for an M.S./M.P.A. with Dr. Jacqueline Frair, co-advised by Dr. Dan Decker starting in late spring 2014. She plans to take a contemporary look at the Public Trust Doctrine and our effectiveness as a conservation community. Prior to her departure (dependent on when her replacement is hired, probably around the end of 2013), Terra is helping launch the Conservation Affairs Committee network.



### Leave of Absence



Lisa Moore ([LMoore@wildlife.org](mailto:LMoore@wildlife.org)), Director of Publishing and Editor-in-Chief of The Wildlife Professional (TWP) is taking a two-month leave of absence from December 2 to February 3 to handle important family matters. In her absence, TWP Managing Editor Divya Abhat and freelance science writer Cassandra Martin will manage the Publishing and Communications Department's main responsibilities, primarily the spring 2014 issue of TWP and the online news site.

Please thank them for all the hard work they have provided for you and in serving The Wildlife Society. Ken Williams continues to be amazing in his new role as TWS Executive Director and will be filling these vacancies as soon as possible.



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# Southwest Section News



From the Board

**Southwest Section**

National News

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Council News



## Membership Application

Membership Fee \$5.00

First Name	Middle Name	Last Name	Suffix
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Mailing Address

City	State	Zip Code	Country
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E-mail address	Work Phone
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Member Type (Please circle one): Student      Regular      Retired

Please include this form with your payment and mail to: Annaliese Scoggin, Secretary/Treasurer, Southwest Section of TWS, Private Lands Biologist, Trans-Pecos Wildlife District, Texas Parks & Wildlife Department, 4500 W. Illinois Ave. Ste 203, Midland, TX 79703

## Membership benefits for the Southwest Section TWS

- SWS TWS Newsletter
- Scholarship opportunities
- Section-level meetings and conferences
- Strengthen your connections to national TWS
- Peer connections through Listserv and [Facebook](#)



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