19th Annual

Wings Over Willcox

January 11 - 15, 2012

Gambel’s Quail, Louis Agassiz Fuertes, 1915. Courtesy of National Geographic Image Collection

Arizona’s Mecca for Wintering Sandhill Cranes, Raptors & Sparrows
Welcome, birders, to the 2012 Wings over Willcox!

We hope you enjoy your stay in the Sulphur Springs Valley.

We’re the winter home to migrating Sandhill Cranes and home to dozens of other species during the year.
LOCAL WINE TASTING

Carlson Creek Vineyard
Open for wine tasting Thursday - Sunday 11-5
www.carlsoncreek.com

Coronado Vineyards
Open daily for wine tasting
Dinner at Taste Of Coronado
Thursday - Saturday and Sunday Brunch
www.coronadovineyards.com

Keeling Schaefer Vineyards Willcox
Open for wine tasting Thursday - Sunday 11-5
www.keelingschaefervineyards.com

Lawrence Dunham Vineyards
Wine tastings with paired appetizers, winery tours, and
vineyard walking tours with Curt Dunham, LDV winemaker. 10 am-5 pm Friday-Sunday Jan. 13, 14, 15, 2012.
www.lawrencedunhamvineyards.com

Sand-Reckoner Vineyards
See website for information
www.sand-reckoner.com

Zapata Vineyard
See website for information
www.zapata.com

SPECIAL W.O.W. EVENT

Keeling Schaefer Vineyards
Vineyard, Winery & Cellar Tour including gourmet lunch
catered by Chef Rod Kass of Cafe Roka
Rod Keeling & Jan Schaefer will lead a tour through
their vineyard, winery & cellar, including barrel tasting.
Thursday, Jan. 12, 2012, 10:15 am-3:30 pm $100.00
Sign up at: www.wingsoverwillcox.com/registration.asp
Honored to host the Wings Over Willcox Guest Speaker

Experience AZ legend in the historic DOS CABEZAS SPIRIT AND NATURE RETREAT BED & BREAKFAST. Located 15 minutes south of Willcox and just 20 minutes to the scenic hiking trails and beauty of the CHIRICAHUA NATIONAL MONUMENT and Wonderland of Rocks. Enjoy the fastest-growing area in southern AZ for wineries, wine-tasting rooms, and increasingly popular pick-your-own fruit and nut orchards and produce farms. Relish in the perfect weather all year round at 5200’ elevation - and amazing mountain views, an abundant wildlife population of deer, javelina, wild birds, ringtail cats, bobcats, and quail, and the most brilliant stars you’ve ever seen!

DOS CABEZAS SPIRIT AND NATURE RETREAT BED & BREAKFAST
www.doscabezasretreat.com * email: IwantToStay@doscabezasretreat.com * 520-384-6474

Near Safford, Arizona, is Freeport-McMoRan’s newest open-pit copper mining complex with the first copper production occurring in late 2007. This mine is a zero-discharge facility and one of the most environmentally advanced copper mines ever built.

Thanks to Freeport McMoRan for their support of Wings Over Willcox
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For those of you who plan in advance!

2013 - January 16-20th, 2013
2015 - January 14-18th, 2015
2016 - January 13-17th, 2016
2017 - January 11-15th, 2017
2018 - January 10-14th, 2018

All the above dates are based on a Wednesday through Sunday festival and are placed on the MLK weekend.

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WOW Celebrates
Arizona’s 100 Years of Statehood

The 19th Annual Wings Over Willcox is just a few, short weeks from the centennial of the Arizona’s statehood on February 14, 1912.

To celebrate the event, the following WOW tours and seminars will highlight Arizona from 100 years ago, with the theme of how things were in Sulphur Springs Valley during this time period:

WOW Seminars (see pages 13-15)
• Willcox, Arizona from 1880-1912
• Paving the Way to Statehood
• Geronimo, the General, and the Hummingbird

WOW Tours (see pages 17-23)
• History of Willcox Playa
• Ghost Towns – A Century Later
• Willcox Walking History
• The Story of Dos Cabezas
Welcome to Wings Over Willcox!

It is Wings over Willcox time again! Great to have many of you back in Willcox and a special welcome to each of you attending for the first time. I extend a Willcox welcome from the City of Willcox, our City Council, city employees and all our citizens.

This is the 19th Annual Wings over Willcox and I commend the Willcox Chamber of Commerce and Agriculture and the WOW Committee for all the hard work that makes this event possible. There are many different activities on the schedule. Take advantage of as many of the tours as possible. I am sure each will be a wonderful experience.

Enjoy our mountains and the valley as well as our clean air and great climate. Visit our museums and learn about Willcox history and our western heritage. Meet the friendly people at City Hall (the old train depot) and visit the shops and wine tasting places. Come back often and enjoy the many events scheduled throughout the year.

Gerald “Sam” Lindsey Mayor, City of Willcox

The Willcox Chamber of Commerce and Agriculture extends a big welcome to all participants of the 19th Wings over Willcox celebration. We are glad to have you all here to enjoy Mother Nature at her best. WOW is grown into a fantastic event for bird enthusiasts and we are proud to have it on our annual event calendar. This event is only made possible due to the countless hours of hard work and dedication of an enthusiastic group of volunteers. Without them this event would not be what it is today.

Besides enjoying nature we encourage you to visit some of Willcox’s historic places. Stroll on Railroad Avenue with its fine stores, wine tasting rooms and museums. Have a look inside the newly restored Southern Pacific Railroad depot where interesting information can be found about the City of Willcox and its unique history. We are happy to have you all here and we hope that you will enjoy your stay.

Kees Rodenburg
President, Willcox Chamber of Commerce & Agriculture

Welcome to the 19th annual Wings Over Willcox Birding and Nature Festival. We are looking forward to catching up with returning participants and meeting new attendees. The WOW committee and volunteers have planned a spectacular festival and are looking forward to experiencing it with you.

On February 14, 2012, our beautiful state of Arizona will be 100 years old. The 2012 Wings Over Willcox festival has the honor of being designated as an official Arizona Centennial special event in conjunction with the Centennial celebration. As a result, two new tours have been added – “The Story of Dos Cabezas” and the “History of Willcox Playa” – and three new seminars – “Willcox 1880 to Statehood,” “Paving the Way to Statehood,” and “Geronimo, the General, and the Hummingbird.” Repeat tours “Ghost Towns – A Century Later” and “Willcox Walking History” will also explore the events of Arizona’s 100 years.

Our festival is the perfect opportunity to see all the winter migrants that visit Arizona and to see other natural wonders of southeastern Arizona. Capitalize on these opportunities by signing up for tours, participating in free seminars, and joining us at our annual banquet where Ted Floyd, American Birding Association editor of “Birding,” will introduce us to the amazing world of birding at night. Other opportunities to spend time with Ted include his tour “Bare-Naked Birding,” “Dinner with Ted,” and two other winter bird tours.

Don’t delay in registering for a wonderful weekend of winter birds, natural wonders, meeting new friends and catching up with old friends. See you in Willcox!

Homer Hansen, President, Wings Over Willcox

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**Featured Artist for WOW 2012: Louis Agassiz Fuertes**

Louis Agassiz Fuertes (1874-1927) was born and worked most of his life in Ithaca, N.Y. By the time he was eight, he was already deeply interested in observing and drawing birds. An important part of his inspiration came from the work of John James Audubon whose *Birds of America* he pored over at the Ithaca Public Library. By the time he graduated from Cornell University, he had already begun publishing his illustrations. His first commission was from Elliott Coues of the Smithsonian Institution, a leading ornithologist of the day. This quickly launched him into a very active career.

He became the first person to make a successful living exclusively as a bird artist. Just as Audubon influenced every bird painter since the early 1800s by “drawing from life,” Fuertes added to the tradition by presenting birds not only accurately, but also capturing their natural and behavioral characteristics. The extent of his influence is summed up by Roger Tory Peterson, the most famous and influential bird artist of more recent times. “We can accurately say that there is a “Fuertes School” of bird painting even to this day, more than four decades after his death. Nearly all American bird artists have been influenced to some extent by the portraiture of Fuertes.” (Used by permission, New York State Museum. Visit our website, www.wingsoverwillcox.com, for a link to the NYSM virtual collection of Fuertes’ works.)

Also visit our website to purchase a print of Fuertes painting from the National Geographic Image Collection.
General Information

From the rugged peaks of the Dos Cabezas Mountains to Middle March Pass of the Dragoon Mountains, nature is one of southeastern Arizona’s greatest attractions.

The Sulphur Springs Valley, which lies between these two mountain ranges, is home to a great variety of plant and animal life. It is this diversity that draws nearly 500 species of birds to Cochise County. Every year, thousands of nature enthusiasts from around the world come to the valley to enjoy this wonderful attraction.

The Magic Circle of Cochise, which begins and ends in Willcox, offers the birding enthusiast the opportunity to visit some of the best birding attractions in southeastern Arizona.

Wings Over Willcox (WOW) combines adventure, entertainment and education to provide a fun-filled weekend of birding pleasure for the novice, the expert or the curious.

Field Trip Participation is Limited. Transportation needs are set in advance; reservation requests are filled on a first-come first-served basis. “Early Bird” registration deadline is December 31. Registration forms submitted after this date will require an additional $5.00 per event, per person. Please visit our website www.wingsoverwillcox.com or call the Willcox Chamber of Commerce and Agriculture at 520-384-2272 or 1-800-200-2272 for current tour availability. To receive your tickets by mail, send a self-addressed stamped envelope with full payment by check or credit card number by December 31. Tickets that are not mailed can be picked up at the WOW registration desk at the Willcox Community Center during the hours listed below. Tickets may also be purchased at the WOW registration desk based on available space or last-minute cancellations.

To register for tours online go to www.wingsoverwillcox.com and follow registration instructions. Online registration opens September 1. To register by mail, complete the registration form on the last page of this booklet, enclose full payment and mail (postmarked AFTER August 27) to:

Wings Over Willcox
1500 N Circle I Road
Willcox, AZ  85643

Tour Refund Schedule. The Wings Over Willcox Committee reserves the right to cancel or revise any event for any reason. If it becomes necessary to cancel a paid event for which you have a reservation, we will notify you by telephone and/or in writing and issue a full refund. If you cancel your paid event registration by telephone or in writing, the following refund policy will apply:

• Cancellations received by December 31 will be fully refunded.
• Cancellations after December 31 will not be refunded except under extenuating circumstances.
• Refunds will not be given for no-shows.
• $10.00 Festival registration fees are not refundable.

Water Bottles that are environmentally friendly will be available for sale (see page 42). The Wings Over Willcox Committee will provide water for refilling water bottles. We will not provide the prefilled plastic water bottles that are negatively impacting our environment. You are welcome to bring your own water bottle or purchase a Wings Over Willcox water bottle with your ticket order or at the registration desk when you arrive.

Be prepared for COLD mornings (15 degrees) by wearing layered clothing, sturdy shoes and socks, and jackets. All participants should bring rain/mud gear due to the unpredictability of Mother Nature. In the event of inclement weather, there may be additional walking; some tours may need to be cancelled or rerouted due to road conditions. Off-trail hiking may include wet stream crossings. Please carefully read italics at the end of tour descriptions.

All Tours, Seminars and Events meet at the Willcox Community Center, 312 West Stewart Street, except the Banquet, which is held at the Elks Lodge, 247 East Stewart Street. See the Willcox map on page 39 for the location of these venues.

Registration Desk will be open at the Willcox Community Center:
Thursday, from 5:30 a.m. to 7:30 p.m.
Friday, from 5:30 a.m. to 7:30 p.m.
Saturday, from 5:30 a.m. to 5:00 p.m.
Sunday, from 5:30 a.m. to 5:00 p.m.

Nature Expo will be open at the Willcox Community Center:
Thursday, from 2:00 p.m. to 7:00 p.m.
Friday, from 9:00 a.m. to 7:00 p.m.
Saturday, from 8:00 a.m. to 5:00 p.m.
Sunday, from 8:00 a.m. to 1:30 p.m.

Check us out on the Internet at: www.wingsoverwillcox.com
## Scheduling Overview

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>5:00 AM</td>
<td>WEDNESDAY, January 11</td>
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<tr>
<td>5:00 AM</td>
<td>Muleshoe Ranch - Overnight</td>
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<tr>
<td>6:00 AM</td>
<td>REGISTRATION DESK</td>
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<tr>
<td>6:00 AM</td>
<td>NATURE EXPO</td>
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<td>6:00 AM</td>
<td>Muleshoe Ranch - Overnight</td>
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<tr>
<td>7:00 AM</td>
<td>Daylong Photography</td>
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<tr>
<td>8:00 AM</td>
<td>Wining &amp; Dining</td>
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<tr>
<td>8:00 AM</td>
<td>Seminar - Getting Your Family Connected to the Outdoors</td>
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<tr>
<td>9:00 AM</td>
<td>Sunset Sandhill Crane</td>
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<tr>
<td>10:00 AM</td>
<td>Seminar - Willcox 1880 to Statehood</td>
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<tr>
<td>11:00 AM</td>
<td>WELCOMING RECEPTION</td>
</tr>
<tr>
<td>12:00 PM</td>
<td>Seminar - Dragons and Damsels: Odonate of Arizona</td>
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<tr>
<td>1:00 PM</td>
<td>FRIDAY, January 13</td>
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<td>2:00 PM</td>
<td>REGISTRATION DESK</td>
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<td>2:00 PM</td>
<td>NATURE EXPO</td>
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<td>Whiterdraw Sandhill Crane</td>
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<td>3:00 PM</td>
<td>Daylong Photography</td>
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<tr>
<td>4:00 PM</td>
<td>Chiricahua Montane Specialties with Ted Floyd</td>
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<tr>
<td>5:00 PM</td>
<td>Beginning Birdwatching</td>
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<td>6:00 PM</td>
<td>A Naturalist's Saunter - Ft. Bowie</td>
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<td>7:00 PM</td>
<td>Ghost Towns - A Century Later</td>
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<td>8:00 PM</td>
<td>History of Willcox Playa</td>
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<td>9:00 PM</td>
<td>Kansas Settlement Agriculture</td>
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<td>10:00 PM</td>
<td>Eurofresh &amp; Farming</td>
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<tr>
<td>11:00 PM</td>
<td>Bowie Area Agriculture &amp; Geology</td>
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<tr>
<td>12:00 AM</td>
<td>Flora of Texas Canyon</td>
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<tr>
<td>1:00 AM</td>
<td>Seminar - Geronimo, the General, and the Hummingbird</td>
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<td>2:00 AM</td>
<td>KID'S ACTIVITIES - Nest Box Building &amp; More</td>
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<tr>
<td>3:00 AM</td>
<td>Seminar - Sandhill Cranes 101</td>
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<tr>
<td>4:00 AM</td>
<td>Seminar - Ambushed on the Jaguar Trail</td>
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<tr>
<td>5:00 AM</td>
<td>Beginning Birdwatching</td>
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<tr>
<td>6:00 AM</td>
<td>Sunset Sandhill Crane</td>
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<tr>
<td>7:00 AM</td>
<td>Seminar - Secrets of the Sonoran Desert</td>
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<td>8:00 AM</td>
<td>Seminar - Cochise County's National Wildlife Refuges</td>
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<tr>
<td>9:00 AM</td>
<td>Amazing Arizona Astronomy</td>
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<td>10:00 AM</td>
<td>Dinner with Ted Floyd</td>
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<tr>
<td>11:00 AM</td>
<td>Seminar - Photographs I Have Known &amp; How to Take Them</td>
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Welcome to Big Tex BBQ!
We invite you to enjoy the tastiest BBQ on the planet! Don't believe us?
Come and try our tangy, secret-recipe barbeque sauce, mesquite smoked and slow-cooked brisket, rib platter and chicken...
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Big Tex BBQ in the Dining Car
Birding at Night: The Final Frontier

Ted Floyd’s banquet presentation will introduce us to the amazing world of birding at night. Many birds are surprisingly easy to observe at night. And it’s not just owls, but also lots of birds we often think of as being active only by day: thrushes and thrashers, warblers and sparrows, and many more. And the things they do at night are extraordinary. Ted’s talk will show us how to find birds at night. It’s easy! Yet most people are unaware of the surprising “night life” of the bird world. Birding at night is an unexplored frontier for most of us. Ted will take us on a tour of the new frontier of nocturnal birding, and he will tell us how nocturnal birding is helping the cause of bird conservation. “Birding at Night: The Final Frontier” will open your mind to an entirely new conception of birding. Warning: Going birding at night is thoroughly addictive. As a result of hearing and seeing Ted’s presentation, you may find yourself increasingly sleep-deprived, unable to stay in bed and indoors during the nighttime hours!

Ted Floyd is the Editor of *Birding*, the flagship publication of the American Birding Association. He has published widely on birds and ecological topics. Ted has written more than 125 articles, with contributions to scholarly journals such as *Ecology, Oecologia, Animal Behaviour, Journal of Animal Ecology*, and *Trends in Ecology and Evolution* and contributions to popular magazines such as *Natural History, Birdwatcher’s Digest, and Birding*. He has contributed chapters to textbooks and guidebooks published by Oxford University Press, Houghton Mifflin, and National Geographic. He is senior author of the *Atlas of the Breeding Birds of Nevada* (University of Nevada Press, 2007), author of the *Smithsonian Field Guide to the Birds of North America* (HarperCollins, 2008), and coauthor with Bill Schmoker of *Let's Go Birding!* (American Birding Association, 2009).

Ted received a B.A. in Ecology & Evolutionary Biology from Princeton University in 1990 and a Ph.D. in Ecology from Penn State University in 1995. He is currently an instructor with the American Birding Association’s Institute for Field Ornithology program, and he has taught college-level courses in ecology, evolution, entomology, statistics, conservation biology, and other topics. Ted is a frequent speaker at birding festivals and ornithological meetings; he has led birding trips and workshops throughout North America. He has lived and birded in Massachusetts, New York, New Jersey, Pennsylvania, New Mexico, Nevada, and Colorado. In the course of his scientific research and outreach activities, he has visited and birded in Mexico, Central America, and the Caribbean, as well as South America, Europe, and Asia.

Ted has broad interests in birding and ornithology, especially as they relate to conservation and management. In recent years, he participated in the creation of Bird Conservation Plans for Partners in Flight and in the production of Eco-Regional Plans for The Nature Conservancy. Currently, Ted is contributing to an effort to describe the nocturnal flight calls of migrating birds in western North America, and his findings are helping to clarify basic patterns of occurrence of birds on active migration in the West. His work has also highlighted the value of nocturnal flight calls as an identification aid for bird species that are otherwise easy to overlook in the field.
Great birding, hiking, history and scenic wonders!

Visit your Cochise County National Park Service sites:

Chiricahua National Monument
The Wonderland of Rocks
520-824-3560

Fort Bowie National Historic Site
The Clash of Cultures
520-847-2500

Coronado National Memorial
Spanish Exploration of the Southwest
520-366-5515

www.nps.gov

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We are only closed for Thanksgiving, Christmas & New Years Day

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Nature Expo!

Vendors exhibiting at the Nature Expo include:

• Adobe Mountain Wildlife Center
  • Amerind Foundation
• Arizona Association for Family Community Education
• Arizona Electric Power Cooperative
• Arizona Game and Fish Department
• Arizona Watchable Wildlife Tourism Association
• Buenos Aires National Wildlife Refuge
  • Bureau of Land Management
  • Chiricahua National Monument
• Radio Shack • Giselle Billeaudeau
  • Extended Hands Concessions
  • Gray Hawk Nature Center
  • High Western Productions
• Liberty Wildlife • Tom's Bird Feeders
• Tucson Audubon • USDA Forest Service
• Willcox Cowbelles ~ And More!!!

Activities for the Kids:

• Build a nest box on Friday or Saturday – it’s free!
• Get a close-up view of live hawks, raptors, and other birds with Liberty Wildlife and Adobe Mountain Wildlife Center
• Explore creepy, crawly critters with Gray Hawk Nature Center
• Learn about animal tracks and more from Buenos Aires National Wildlife Refuge biologists
• Join the Bureau of Land Management, Forest Service, & National Park Service for fun activities and information
• Shop for jewelry, rubber snakes, books and lots more

Don’t Miss the Fun!

The Nature Expo will be open:

Thursday, January 12 2:00 p.m. to 7:00 p.m.
Friday, January 13 9:00 a.m. to 7:00 p.m.
Saturday, January 14 8:00 a.m. to 5:00 p.m.
Sunday, January 15 8:00 a.m. to 1:30 p.m.
Find more birds in Southeast Arizona!

Visit our booth at the festival and purchase your copy of Tucson Audubon’s bestselling book, “Finding Birds in Southeast Arizona”

Our festival booth shop offers:
- Binoculars
- Field guides
- Birding vests
- Children’s books and games
- Nature gifts
- Selection of natural history books

Join Friends of Tucson Audubon at the festival and receive a free gift!

Tucson Audubon Society offers over 100 FREE bird watching field trips each year. Our trips are led by expert birders who know Southeast Arizona.

Our Education and Conservation programs touch thousands each year and work to support birds and maintain bird habitat in Southeast Arizona.

Our two Nature Shops in Tucson offer a variety of binoculars, field guides, natural history book and gifts for adults and children.

Be a part of something great.
Become a Friend of Tucson Audubon.
Join today!

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520-629-0510

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WELCOME BIRDERS!

We are happy to share our great birding community with you.

Southwest Transmission Cooperative, Inc
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www.azgt.coop
FREE SEMINARS

Thursday, January 12

3:00 p.m. – 4:00 p.m. Getting Your Family Connected to the Outdoors
Meet in Fireplace Room
Kellie Tharp, Biologist/Educator

4:30 p.m. – 5:30 p.m. Willcox 1880 to Statehood
Meet in Fireplace Room
Kathy Klump, Historian

6:00 p.m. – 7:00 p.m. Welcoming Reception
Meet in Main Ballroom

7:15 p.m. – 8:15 p.m. Dragons and Damsels: An Introduction to the Odonate of Arizona
Meet in Fireplace Room
Jeff Babson, Naturalist

Friday, January 13

11:30 a.m. – 12:30 p.m. Geronimo, the General, and the Hummingbird
Meet in Fireplace Room
Dr. Rick Wright, Editor/Guide/Writer

12:00 p.m. – 5:00 p.m. Nest Box Building & More – Children’s Activities
Meet in Main Ballroom
Deborah Vath, Educator; Kate Scott, Wildlife Researcher

1:30 p.m. – 2:30 p.m. Sandhill Cranes 101
Meet in Fireplace Room
Steve Marlatt, Naturalist/Educator

3:00 p.m. – 4:00 p.m. Ambushed on the Jaguar Trail
Meet in Fireplace Room
Jack Childs, Tracker/Author/Educator

4:30 p.m. – 5:30 p.m. Secrets of the Sonoran Desert
Meet in Fireplace Room
Pinau Merlin, Naturalist/Author

Saturday, January 14

9:00 a.m. – 4:00 p.m. Nest Box Building & More – Children’s Activities
Meet in Main Ballroom
Deborah Vath, Educator

10:00 a.m. – 11:00 a.m. Paving the Way to Statehood
Meet in Fireplace Room
Suzanne Moody, Ranger

11:30 a.m. – 12:30 p.m. Great Sonoran Earthquake of 1887
Meet in Fireplace Room
Glenn Minuth, Geomorphologist/Educator

2:30 p.m. – 3:30 p.m. The Furry Wings Over Willcox: BATS!
Meet in Fireplace Room
Dr. Ronnie Sidner, Ecological Consultant/Educator

4:00 p.m. – 5:00 p.m. Amphibians and Reptiles: Ecology and Conservation in Southeastern Arizona
Meet in Fireplace Room
Phil Rosen, Research Scientist

Sunday, January 15

10:00 a.m. – 11:00 a.m. The Ornate Box Turtle Watch - How Birders Can Help Box Turtles
Meet in Fireplace Room
Audrey Owens, Wildlife Specialist

BANQUET & BREAKFAST

BANQUET ~ Saturday, January 14
Birding at Night: The Final Frontier
Keynote Speaker: Ted Floyd
(See page 9 for details)

An excellent dinner will be served during the banquet at the Willcox Elks Lodge. Come early and chat with old friends, meet new ones and preview auction items.

PRE-REGISTRATION IS REQUIRED due to limited seating. Please note on the registration form if you want chicken, steak or vegetarian lasagna.

Willcox Elks Lodge, 6:00 to 9:00 p.m. $25.00
Evening Schedule:
6:00 p.m.  Silent Auction & Social Time
7:00 p.m.  Dinner
8:00 p.m.  Keynote Speaker Presentation

BREAKFAST ~ Saturday & Sunday
All-You-Can-Eat Country Breakfast, Sponsored by the Willcox Rotary Club
Get yourself out of bed early and come on down and join the local Rotary Club at an all-you-can-eat old-fashioned country breakfast, held at the Willcox Community Center, location of the Wings Over Willcox registration and tour departures. Serving starts at 5:30 a.m. and continues to 10:30 a.m. to accommodate both the early tour participants and those who like to sleep in a little. Price is $6.00 per person. Tickets for the breakfast can be purchased using the registration form on p. 41 or on our website www.wingsoverwillcox.com.

Proceeds from this breakfast and all other Rotary Club fundraisers and projects are donated to local and world communities supporting high school graduates, sponsorships of youth sports teams, Rotary Youth Leadership Awards Conference assistance, and other such programs. Rotary International is dedicated to the worldwide eradication of polio and hunger through the Polio Plus and Hunger Plus programs and to providing wheelchairs to those in need in foreign countries in cooperation with the Wheelchair Foundation.

The Rotary Clubs and their members are to be commended for their hard work and dedication to the youth and the disadvantaged of our nation and world. The Willcox Chamber of Commerce & Agriculture and the Wings over Willcox Committee urge you to support their efforts and enjoy a delicious breakfast.
Thursday, January 12

NEW!! Getting Your Family Connected to the Outdoors
Kellie Tharp - 3:00 p.m. – 4:00 p.m.
Do you feel like your kids are more connected to their cell phones or the internet and have no connection to the outdoors? Remember your childhood that was filled with outdoor adventures and routinely not coming home until the streetlights came on? This seminar will discuss current trends, common barriers and potential solutions to getting your family re-connected to the outdoors. Learn about what Arizona has to offer and a variety of outdoor experiences that you and your family can enjoy throughout the year.

NEW!! Wilcox 1880 to Statehood – Kathy Klump
4:30 p.m. – 5:30 p.m.
Follow the history of Wilcox from the time the first train arrives and then as it grows into a major supply point for the military forts, mines, and cattle ranches. The power point presentation will feature biographical clips of some of the more colorful characters of the town and those that were influential during the time the territory became the state of Arizona.

Wings Over Wilcox Welcoming Reception
6:00 p.m. – 7:00 p.m.
Join us for light snacks and an opportunity to meet and greet seminar speakers, tour guides, WOW committee members, vendors, locals and event attendees. All are invited and encouraged to attend.

Dragons and Damselflies: An Introduction to the Odonate of Arizona
Jeff Babson - 7:15 p.m. – 8:15 p.m.
Dragonflies are the falcons of the insect world, patrolling shorelines, stream banks, and forest edges for their prey. Their cousins, the damselflies, flutter quietly through thick vegetation and are easily overlooked. Collectively known as odonates, dragonflies and damselflies are becoming increasingly popular with naturalists, due to their often brilliant colors, interesting behaviors, and amazing flying abilities. This presentation will introduce you to the wonderful odonates of Arizona.

Friday, January 13

NEW!! Geronimo, the General, and the Hummingbird
Dr. Rick Wright - 11:30 a.m. – 12:30 p.m.
Soldiers serving in the Indian Wars of the late nineteenth century sought distraction from the heat and tiredness however they could. In Tucson and other frontier outposts, whisky, women, and cards were favored pastimes, but on campaign, other pursuits had to break the boredom – among them, birding. Even General Crook was a birder, and his “capture” of Geronimo’s band in 1886 is tied in surprising ways to the general’s pursuit of a particularly beautiful hummingbird. Join Rick Wright for a discussion of the fascinating connections between natural and military history in the American Southwest.

Nest Box Building & More – Children’s Activities
Deborah Vath & Kate Scott - 9:00 a.m. – 4:00 p.m.
This nest box building class, for kids age eight and up, will continue throughout the day. Open your eyes and your yard to the wonders of nature, and share this adventure with your children or grandchildren. It’s as easy as 1-2-3! Join Deborah Vath and our volunteers as they take you through the steps of welcoming cavity-nesting birds, owls, woodpeckers, and songbirds to your garden. All guardians, parents and grandparents are welcome to stay with the class. Activities for children under age eight will also be available.

Sandhill Cranes 101 – Steve Marlatt
1:30 p.m. – 2:30 p.m.
Learn more about the birds that started our birding festival – everything you wanted to know about the oldest (going back more than 65 million years) and one of America’s most magnificent birds.

Ambushed on the Jaguar Trail – Jack Childs
3:00 p.m. – 4:00 p.m.
A pictorial story of an Arizona jaguar and 27 other species of animals that make their home in the mountains of southeastern Arizona.

NEW!! Secrets of the Sonoran Desert – Pinau Merlin
4:30 p.m. – 5:30 p.m.
The idea that the Sonoran Desert is a harsh, unforgiving environment has persisted even now, as our perceptions are colored by the words we use. But the Sonoran Desert is a lush environment, an Eden filled with an amazing and surprising diversity of plants, animals, birds, reptiles and insects, all thriving here. Nature has gone all out in an exuberant display of adaptive strategies for living in an arid environment. Join us for an exciting look at the ecology and adaptations of the plants, animals and birds of the Sonoran Desert region.

Cochise County’s National Wildlife Refuges – Bill Radke
4:30 p.m. – 5:30 p.m.
Cochise County contains some of the most abundant and unique fish and wildlife in the nation. The San Bernardino and Leslie Canyon national wildlife refuges are two special areas in southeast Arizona administered by the U.S. Fish & Wildlife Service that were set aside to help recover several federally listed threatened and endangered species. At least 322 bird species have been confirmed on the refuges, including many nesting species. In addition, 66 mammal, 43 reptile, 13 amphibian, and eight fish species have been documented. The refuges lie within the Rio Yaqui Basin, a large watershed that drains portions of Arizona, New Mexico, Sonora, and Chihuahua. Come hear and see why these refuges were established, what fish and wildlife they protect, how the areas are managed, and learn how you can visit and enjoy them.

“Photographs I Have Known and Loved” and How To Take Them
Thomas Whetten - 7:00 p.m. – 8:30 p.m.
Come spend an hour or two with wildlife and nature photographer Tom Whetten as he takes us around the world photographically. Using his photographs from around the world, Tom will cover topics such as: 1) where & when to go for the best photos, 2) how to turn a snapshot into a photograph, 3) depth of field, and 4) how to get wildlife to pose for you. This presentation will be enjoyed by all who enjoy viewing nature and informative to photographers of all levels.

Saturday, January 14

Nest Box Building & More – Children’s Activities – Deborah Vath
9:00 a.m. – 4:00 p.m.
See Friday Nest Box Building & More for description.

NEW!! Paving the Way to Statehood – Suzanne Moody
10:00 a.m. – 11:00 a.m.
What was the role of Fort Bowie in securing southeastern Arizona for settlement and paving the way to statehood? Join park ranger Suzanne Moody and discover the answer during this interactive discussion illustrated with historic photographs. She will also use as examples some of the early homesteaders of Bonita Canyon: the Stafford family and the Erickson family of Faraway Ranch, which is part of Chiricahua National Monument.
NEW!! Great Sonoran Earthquake of 1887 – Glenn Minuth
11:30 a.m. – 12:30 p.m.
The strongest historic earthquake effecting southeastern Arizona occurred just south of Douglas in the San Bernardino Valley of Sonora, Mexico, during 1887. See the only still (standing) building at the epicenter. Personal accounts of the earthquake which killed 51 individuals will be reviewed as recorded in historic documents. Maps of landslides, fires, and water disturbances in southeastern Arizona will depict the effects of this earthquake. This quake had an estimated magnitude of 7.4 and did considerable damage in both Mexico and Arizona. We’ll view, via 35-mm slides, the anatomy of the largest Basin-and-Range-type earthquake in historic times through an aerial and ground examination of selected fault segments of the 75 km total ground rupture length. Along the way we’ll also view evidence for previous event scarps.

NEW!! Amphibians and Reptiles: Ecology and Conservation in Southeastern Arizona
Phil Rosen - 4:00 p.m. – 5:00 p.m.
We will learn about the diversity and ecology of amphibians and reptiles in Cochise County and adjoining lands. A presentation will emphasize citizen and rancher cooperation in the recovery of aquatic species such as leopard frogs, grassland specialist reptiles that can benefit from range restoration, expected effects of climate change, and unique and declining species in the region.

NEW!! The Ornate Box Turtle Watch - How Birders Can Help Box Turtles
Audrey Owens - 10:00 a.m. – 11:00 a.m.
The ornate box turtle remains understudied in Arizona’s grasslands, mainly because finding them is often a matter of being in the right place at the right time. For this reason, the Arizona Game and Fish Department (AGFD) has started an Ornate Box Turtle Watch program which seeks input from the public on when and where you encounter box turtles in the wild. Because birders spend time in box turtle habitat, you are an important resource for this program. Find out about how you can participate in the program, as well as everything you ever wondered about ornate box turtle natural history, what is known about their populations in Arizona, and rules and regulations pertaining to the species.

The Furry Wings Over Willcox: BATS! – Ronnie Sidner
2:30 p.m. – 3:30 p.m.
In the course of a year there can be 25 species of bats flying over Willcox. These are insect-feeding and nectar-drinking bats that play vital roles in natural environments in Arizona, as well as being beneficial to humans. (They’re cute, too.) Ronnie will explain these facts in more detail and describe how we can all contribute to the wellbeing of these wonderful flying mammals.
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Welcome Birders & Nature Lovers to the Sonoran Desert!

ARIZONA-SONORA DESERT MUSEUM

Within the Museum grounds you will see more than 300 animal species and 1,200 kinds of plants, in addition to our world-class mineral collection and other amazing wonders of the Sonoran Desert region!

Where the desert comes alive!

Be sure to check out our website at www.desertmuseum.org for info on our various programs, events and purchasing tickets online.
TOUR DESCRIPTIONS: Wednesday ~ Friday, January 11 ~ 13

All tours depart promptly 10 minutes after the stated departure time.

All participants should have a water bottle! Water bottles that are environmentally friendly will be available for sale (see page 42). Water for refilling bottles will be provided at the festival.

Please read General Information for recommendations to prepare for weather conditions.

WEDNESDAY, JANUARY 11

Muleshoe Ranch – Heidi Blasius & Anne Casey

The Muleshoe tour will provide you a unique opportunity to spend Wednesday evening and Thursday exploring the sights and sounds of the Muleshoe ecosystem. The tour meets at the Willcox Community Center at 1:50 p.m. on Wednesday. From the Community Center, you will be driven to the Muleshoe Ranch. Upon arrival, you will check in with The Nature Conservancy staff and get settled into your own private casita (arrangements for lodging must be made with the Muleshoe Ranch directly – see contacts below for rates and reservation information). Wednesday evening begins with a presentation on the habitat and species found within the Muleshoe ecosystem, emphasizing the aquatic and riparian habitats. Guests will then be treated to dinner followed by an evening on your own to explore the ranch headquarters listening and looking for nocturnal creatures such as Western Screech Owls, ringtail cats, and coatimundis, or you can enjoy a serene evening soaking and relaxing in the natural hot-spring tubs. On Thursday morning, guests will be treated to a light breakfast before setting off with their tour leaders to explore and experience the Hot Springs/Bass Canyon Loop of the Muleshoe Ranch, where a variety of wildlife species including birds, mammals, reptiles, and aquatic species may be encountered. Woodpeckers, green-tailed towhees, dark-eyed juncos, white-crowned sparrows, and other winter migrants are a few of the bird species that are usually active around the headquarters in January. However, be aware that January is early in the year for viewing certain wildlife species that are not active during the winter. Participants will be returned to the Willcox Community Center by 4:00 p.m. on Thursday.

Approximately three miles of difficult hiking. The hike requires some uphill hiking, walking on and across wet rocks, and several wet creek crossings. Good hiking shoes are recommended. Bring your own walking stick if you typically use one for trail hiking.

Tour includes dinner, breakfast, lunch, drinks, and rest stops.

Accommodations: You must contact the Muleshoe Ranch to make lodging arrangements by email at muleshoe@inc.org or call 520-212-4295. http://www.nature.org/ourinitiatives/regions/northamerica/united-states/arizona/placesweprotect/muleshoe-ranch-cma.xml.

Leaves 1:50 p.m. on Wednesday, returns 4:00 p.m. on Thursday.

Tour Limit 10.

THURSDAY, JANUARY 12

Daylong Photography – Thomas Whetten & George Andrejko

Spend time with two wildlife photography experts at Whitewater Draw and other southeastern Arizona sites, photographing Sandhill Cranes and other birds.

Less than ½ mile of easy walking. Intermediate to Advanced Photographers. Includes lunch, drinks, and rest stops.

5:50 a.m. – 4:00 p.m. Tour Limit 8.

Wining & Dining – Rod Keeling, Jan Schaefer, & Vivian MacKinnon

Rod Keeling & Jan Schaefer will lead a tour through their vineyard, winery & cellar, including barrel tasting. Enjoy sampling their highly-rated wines in a beautiful setting in the foothills of the Chiricahua Mountains. A gourmet lunch, with wine, will be catered by Chef Rod Kass of Café Roka (www.caferokea.com) in Rod & Jan’s vineyard home. After lunch hike a quarter-mile nature loop through oaks, juniper, desert willows, hackberry and ash trees on their backyard trail with a WOW birding expert to spot birds in their natural habitat ... or relax and enjoy tasting a bit more. Keeling Schaefer Vineyard (www.keelingschaefervineyards.com) wine will be for sale at the vineyard the day of the tour.

Less than ¼ mile of easy walking. Includes lunch, drinks, and rest stops.

10:05 a.m. – 3:30 p.m. Tour Limit 40

Sunset Sandhill Crane – Erika Wilson

This tour will start with a circuit of Lake Cochise for late afternoon arrivals of waterfowl. Next stop will be at a known roosting site as dusk begins to fall, with Sandhill Cranes coming in from the fields to spend the night.

Approximately ¼ mile of easy walking is required along an unpaved, sandy road. Be prepared for cold temperatures as the sun sets, and bring a flashlight for the return walk to the vehicle.

Beginner. Includes rest stops.

3:50 p.m. – 6:30 p.m. Tour Limit 25.

FRIDAY, JANUARY 13

Whitewater Draw Sandhill Crane – Bob Coder

Watch Sandhill Cranes take flight at Whitewater Draw as they begin their morning feeding.

Less than ½ mile of easy walking. Beginner to Intermediate. Includes rest stops.

5:50 a.m. – 10:00 a.m. Tour Limit 8.

Daylong Photography – Thomas Whetten & George Andrejko

See Thursday tour for description.

5:50 a.m. – 4:00 p.m. Tour Limit 8.

FEATURED!!! Chiricahua Montane Specialties – Michael Marsden & Ted Floyd

The mountains of Cochise County are well known for spring and fall migrants and sought-after birds that are winter residents. The tour travels to the mountains of the Chiricahua National Monument and may visit Pinery Canyon or Turkey Creek. The tour will look for Montezuma Quail, Mexican Chickadee, Olive Warbler, Northern Pygmy-owl, Arizona Woodpecker, and other boreal and Madrean species. Ted Floyd, featured 2012 WOW keynote speaker, will also join the tour as a tour guide.

Be prepared for possible snow. Significant snowfall may restrict access to the upper elevations of the Chiricahuas. A LARGE FIRE IS OCCURRING IN THE CHIRICAHUAS AT PRESS TIME. GO TO WWW.WINGSOVERWILLCOX.COM FOR UPDATES.

Approximately one mile of easy to moderate walking with several stops. Intermediate to Advanced. Includes lunch, drinks, and rest stops.

6:20 a.m. – 4:00 p.m. Tour Limit 12.

Beginning Birdwatching – Erika Wilson

Learn and practice basic identification skills. Time will be spent at the Willcox ponds and nearby areas observing and identifying common bird species. TRANSPORTATION IS NOT PROVIDED.

This tour will require that you bring your own car and binoculars. Less than ½ mile of easy walking. Beginner.

7:20 a.m. – 9:30 a.m. Tour Limit 15.

A Naturalist’s Saunter in Fort Bowie – Vincent Pinto

Join naturalist, wildlife biologist, and guide Vincent Pinto as he journeys into the incomparable beauty and diversity of Fort Bowie National Historic Site. Applying a wide variety of disciplines, you’ll learn about the area’s unique terrain and related habitat, delve into the region’s hu-
The Arizona Game and Fish Department
*Managing today for wildlife tomorrow*

The Arizona Game and Fish Department proudly uses Heritage Funds to support watchable wildlife events such as Wings Over Willcox

While visiting the Sulphur Springs Valley, plan a visit to Whitewater Draw Wildlife Area.

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**Arizona Game and Fish Department**

Managing today for wildlife tomorrow

The Arizona Game and Fish Department proudly uses Heritage Funds to support watchable wildlife events such as Wings Over Willcox

While visiting the Sulphur Springs Valley, plan a visit to Whitewater Draw Wildlife Area.
TOUR DESCRIPTIONS: Friday, January 13
All tours depart promptly 10 minutes after the stated departure time.
All participants should have a water bottle! Water bottles that are environmentally friendly will be available for sale (see page 42). Water for refilling bottles will be provided at the festival. Please read General Information for recommendations to prepare for weather conditions.

man history, become acquainted with countless plants and their uses (food, medicine, shelter, tools) to be introduced to the art and science of tracking animals, discover winter weather patterns, and (of course!) look for birds and other wildlife. You’ll also learn how to use a nature journal to record and further enjoy your many discoveries. Here is a great opportunity to weave together many of WOW’s field trip topics into one amazing walk!

As we will drive to only one location, this outing requires the ability to walk moderate distances (2-4 miles) in varying terrain.

Includes lunch, drinks, and rest stops.
7:50 a.m. – 4:00 p.m. Tour Limit 12.

Ghost Towns – A Century Later – Don Hammer
Visit three nearby ghost towns and learn of the influence of gold, silver, and copper mining on the development of Cochise County. Your tour leader will discuss early life in these ghost towns and the “boom and bust” nature of early mining. Tour a restored general merchandise store dating from the late 1800s and inspect a restored jail and other buildings that still remain. Step back more than a century to an early, less hectic lifestyle.

Less than ¼ mile of easy walking. No prior knowledge of history is needed. Includes lunch, drinks, and rest stops.
8:20 a.m. – 3:30 p.m. Tour Limit 16.

NEW!!! History of Willcox Playa –
Howard Bethel & Kathy Klump
A one-hour talk followed by a three-hour tour to explore what many visitors consider a bleak and inhospitable bowl of sand and dust. And yet, in 1966, the Playa was designated a “NATIONAL NATURAL LANDMARK” and has been designated as one of 21 “Arizona Heritage Waters” sites. The program will explore the geologic history of the Playa, its ecological importance, and biological diversity today along with other historical facts and stories related to the Playa. The final tour route will be established by the guides and will be dependent upon weather conditions and other access issues.

Moderate walking on dirt and/or sandy roads or paths. Beginner. Includes lunch, drinks, and rest stops.
8:50 a.m. – 12:00 p.m. Tour Limit 16.

Kansas Settlement Agriculture – Denzil Farbo
Visit a pistachio orchard and vegetable farm, a cotton gin, a large pecan orchard and processing plant, and a greenhouse growing tomatoes. Managers at each will explain the entire operation and discuss the latest methods they use to maximize their productivity. In addition, your farmer-guide will show and discuss irrigated farming of a variety of other agricultural crops between the tour stops.

Approximately ¼ mile of easy walking. Includes lunch, drinks, and rest stops.
8:50 a.m. – 4:00 p.m. Tour Limit 16.

Eurofresh & Farming – Claire Owen
Eurofresh operates a 200+ acre greenhouse complex producing premium, hydroponically grown, and pesticide-free tomatoes. Staff will explain all aspects of growing tomatoes under completely controlled conditions. On the return, visit a farm producing corn, alfalfa, cotton, and pinto beans where your farmer-guide will show and explain irrigated farming in the Sulphur Springs Valley.

Approximately ¼ mile of easy walking. Includes lunch, drinks, and rest stops.
8:50 a.m. – 3:00 p.m. Tour Limit 16.

Bowie Area Agriculture & Geology –
Larry Fellows & Tony Cohorn
Bowie, in the San Simon Valley east of Willcox, is surrounded by pecan and pistachio orchards and fascinating geology. The first stop is at a zeolite mine seven miles north of Bowie where we will discuss, in non-technical terms, the geologic history including processes responsible for modern landscapes, soil, and water resources. We will then travel south from Bowie to the pecan and pistachio orchards for discussions about their operation and maintenance. In Bowie we will have an opportunity to purchase locally produced pecans, pistachios, walnuts, and wine.

Less than ½ mile of easy walking on flat ground. Beginner. Includes lunch, drinks, and rest stops.
8:50 a.m. – 4:00 p.m. Tour Limit 20.

Flora of Texas Canyon – Barbara Hanson
Situated at 4,600-5,500 feet above sea level in the dramatic rock formations of Texas Canyon, the Amerind Foundation is a place where several plant communities come together. Here we’ll be learning about plants from the oak woodlands, desert grasslands, riparian communities, and Chihuahuan and Sonoran deserts. Discussion will center around adaptations to environment, evolutionary relationships, reproductive strategies, and uses by people from prehistoric times to the present.

TRANSPORTATION IS NOT PROVIDED. Please note that participants will carpool to the Amerind Foundation. The distance is approximately 45 miles roundtrip. Approximately 1-2 miles of easy to moderate walking on dirt roads with some short jaunts through grass and over rocks to see certain plants.

Includes lunch, drinks, and rest stops.
9:20 a.m. – 3:30 p.m. Tour Limit 15.

Beginning Birdwatching – Tony Battiste
See Friday morning tour for description.
3:20 p.m. – 5:30 p.m. Tour Limit 15.

Sunset Sandhill Crane –
Jeff Babson, John Verger, & Jake Mohlmann
See Thursday tour for description.
3:50 p.m. – 6:30 p.m. Tour Limit 25.

Amazing Arizona Astronomy – Vincent Pinto
The winter skies in southeastern Arizona rank among the best in the country. Naturalist and amateur astronomer Vincent Pinto will guide you through the constellations, visible planets, and deep-sky features visible during WOW. Blending modern technology with ancient stories and wisdom, Vince will open up new possibilities for viewing and understanding our universe. You’ll have multiple opportunities to see a variety of beautiful and fascinating objects through a telescope (provided) and binoculars (bring your own, please).

Dress warmly and stay as long or as short as you desire, as our viewing site will be close to Willcox. TRANSPORTATION IS NOT PROVIDED. This tour will require that you bring your own car:
5:50 p.m. – 8:00 p.m. Tour Limit 20.

FEATURED!!! Dinner with Ted Floyd
Enjoy an intimate and elegant dinner at the Coronado Vineyards (www.coronadovineyards.com), a local winery, with Ted Floyd, the Wings Over Willcox 2012 Banquet Keynote Speaker. There will be no set schedule, just the opportunity to relax, enjoy dinner and wine, and talk with Ted and the other diners. Dinner includes one complimentary glass of wine and a personally signed copy of a book by Ted Floyd.
6:30 p.m. – 8:30 p.m. Dinner Limit 12.
Muleshoe Ranch
An Oasis in the Desert

There is little wonder why so many wild creatures and people are attracted to Muleshoe Ranch - with seven perennial streams and our sweet hot springs who can resist the siren call of all that water in such a dry land?

While The Nature Conservancy is the gatekeeper to this 50,000 acre parcel of Arizona, it is cooperatively owned and managed by the Coronado National Forest, the Bureau of Land Management and The Nature Conservancy.

Muleshoe is home to big horned sheep, mountain lion, black bear, bobcat, ringtail, coati, and over 200 species of bird. To enhance your wildlife viewing, there are twelve miles of hiking and equestrian trails that can be accessed right from our Visitors Center.

TNC maintains five rustic, well equipped rental casitas at Muleshoe Ranch Headquarters for those who venture out to explore the preserve and would like to stay for more than just a day. Use of Hooker’s Hot Springs is reserved for overnight guests only.

For Lodging & Preserve Information:
520 212 4295
muleshoe@tnc.org
www.nature.org/arizona

Muleshoe Ranch is located 30 dirt road miles west and north of Wilcox, AZ
ALL TOURS DEPART PROMPTLY 10 MINUTES AFTER THE STATED DEPARTURE TIME.

Please read General Information for recommendations to prepare for weather conditions.

SUNDAY, JANUARY 15

Daylong Photography – Thomas Whetten & George Andrejko
See Thursday tour for description.
5:50 a.m. – 4:00 p.m. Tour Limit 8.

Sunrise Sandhill Crane –
Matt Brooks, Steve Marlatt, Vivian MacKinnon, & Steve Peugh
Watch Sandhill Cranes take flight as they begin their morning feeding. Local wildlife experts who track the flocks will provide locations. Approximately ¾ mile of easy walking is required. The walking is along an unpaved road with occasional potholes. Be prepared for a cold morning, prior to sunrise below freezing temperatures are possible. Bring a flashlight for the pre-sunrise walk.
Beginner. Includes rest stops.
6:05 a.m. – 9:45 a.m. Tour Limit 40.

Chiricahua Montane Specialties – Bill Grossi
The mountains of Cochise County are well known for spring and fall migrants and sought-after birds that are winter residents. The tour travels to the mountains of the Chiricahua National Monument and may visit Pinery Canyon or Turkey Creek. The tour will look for Montezuma Quail, Mexican Chickadee, Olive Warbler, Northern Pygmy-owl, Arizona Woodpecker, and other boreal and Madrean species. Be prepared for possible snow. Significant snowfall may restrict access to the upper elevations of the Chiricahuas. A LARGE FIRE IS OCCURRING IN THE CHIRICAHUAS AT PRESS TIME. GO TOWWW.WINGSOVERWILLCOX.COM FOR UPDATES.
Approximately one mile of easy to moderate walking with several stops.
Intermediate to Advanced. Includes lunch, drinks, and rest stops.
6:20 a.m. – 4:00 p.m. Tour Limit 12.

Southwest Winter Specialties – Michael Marsden & Rick Taylor
Some of the most sought-after birds in North America spend their winters here in Cochise County. The tour travels the wetlands, grasslands, agriculture fields, and foothills of the Sulphur Springs Valley and includes stops at Whitewater Draw and Cochise Stronghold. The tour will look for Scaled Quail, Arizona Woodpecker, Mountain Plover, Sage Sparrow, Chestnut-Collared Longspur, Vermilion Flycatcher, and Bendire’s Thrasher, as well as a variety of waterfowl, raptors and shorebirds. Be ready for other rare and exciting finds.
Approximately one mile of easy to moderate walking with several stops.
Intermediate to Advanced. Includes lunch, drinks, and rest stops.
6:50 a.m. – 4:30 p.m. Tour Limit 14.

Daylong Hawk Stalk – Scott Olmstead & Jeff Babson
Hawk experts will travel the length of the Sulphur Springs Valley pursuing more than 15 species of hawks, eagles, falcons, and owls. Glimpses of javelina and mule deer may add to your viewing pleasure.
Less than ½ mile of easy walking. Beginner to Advanced. Includes lunch, drinks, and rest stops.
6:50 a.m. – 5:00 p.m. Tour Limit 13.

Half-day Hawk Stalk #1 – Tony Battiste, Tim Snow, & Larry Liese
A shorter version of the Daylong Hawk Stalk pursues the same types of hawks, owls, eagles, and falcons. Morning and afternoon tours offered.
NOTE: Due to the excitement this trip offers, the tour may run 15-20 minutes behind schedule. Less than ½ mile of easy walking.
Beginner to Intermediate. Includes rest stops.
7:05 a.m. – 11:15 a.m. Tour Limit 24.

Beginning Birdwatching – Erika Wilson
See Friday tour for description.
7:20 a.m. – 9:30 a.m. Tour Limit 15.

Observación de las aves para principiantes (tour en español) – Jennie Duberstein
Aprende y practique habilidades básicas en la observación de las aves, tal como el uso de los binoculares y guías de campo y más. Pasaremos tiempo observando e identificando especies comunes de aves en las lagunas de Willcox y otras áreas cercanas. Proveamos binoculares y guías de campo para usar durante el tour. NO PROVEAMOS EL TRANSPORTE PARA EL TOUR. Participantes deben tener su propio carro o compartir transporte con otro participante. El tour requiere un mínimo de 8 participantes para llevarse a cabo. Una caminata fáciles de menos de media milla. Principiante.
Learn and practice basic identification skills, such as how to use binoculars, how to use a field guide to identify birds, and more. We will spend time observing and identifying common bird species at the Willcox ponds and nearby areas. Binoculars and Spanish field guides will be provided. TRANSPORTATION IS NOT PROVIDED FOR THIS TOUR. Participants must bring their own car or carpool. If this tour does not have a minimum of 8 participants, it will be cancelled. Less than a ½ mile of easy walking. Beginner.
7:50 a.m. – 11:00 a.m. Tour Limit 18.

Half-day Sparrow Seek #1 – Homer Hansen
The grasslands of the Sulphur Springs Valley are well known for the diversity of sparrows, towhees, and longspurs that are winter residents. Over 24 species of Emberizids (members of the sparrow family) may winter in Cochise County and as many as 19 species have been observed during the festival weekend. The tour starts with an hour-long class on sparrow identification, followed by a field trip seeking a dozen sparrow species. Morning and afternoon tours offered.
Less than ½ mile of easy to moderate walking and includes brushy areas. Beginner to Advanced. Includes rest stops.
7:50 a.m. – 12:00 p.m. Tour Limit 14.

A Naturalist’s Saunter in Chiricahua National Monument –
Vincent Pinto
Join naturalist, wildlife biologist, and guide Vincent Pinto as he journeys into the incomparable beauty and diversity of Chiricahua National Monument. Applying a wide variety of disciplines, you’ll learn about the area’s unique rock formations and geology, delve into the region’s human history, become acquainted with countless plants and their uses (food, medicine, shelter, tools) be introduced to the art and science of tracking animals, discover winter weather patterns, and (of course!) look for birds and other wildlife. You’ll also learn how to use a nature journal to record and further enjoy your many discoveries. Here is a great opportunity to weave together many of WOW’s field trip topics into one amazing walk!
As we drive to only one location, this outing requires the ability to walk moderate distances (2-4 miles) in varying terrain.
Includes lunch, drinks, and rest stops.
7:50 a.m. – 4:00 p.m. Tour Limit 12.

Apache Station Tour – Michael Nelson
Since 1961, Arizona Electric Power Cooperative, Inc. (AEPCO) has been customer-owned utility producing electricity at its Apache Generating Station in Cochise, Arizona. AEPCO began operations with just one unit producing 10 megawatts of power. Today, Apache Station is capable of producing 560 megawatts of electric energy from three
steam units and four gas turbines. We invite you to tour the facility and see firsthand how electricity is produced and distributed to consumers. Participants must wear comfortable, closed-toed shoes and will walk across open grating.

**TRANSPORTATION IS NOT PROVIDED.** Participants will drive or carpool to the Apache Generating Station in Cochise. The distance from Willcox is approximately 50 miles roundtrip.

**8:20 a.m. – 11:30 a.m. Tour Limit 25.**

**Archeology – Casey Dennis**

Tour a partially excavated prehistoric archaeological site on a private ranch. Visit the ranch repository, view many of the artifacts excavated and collected from this site, and hear an explanation of their construction and uses. An archeologist will discuss the local prehistory and environment. Afterwards enjoy a ranch-style lunch with the Working Cattle Ranch tour group.

Less than ¼ mile of easy, short walks. Includes ranch-style lunch, drinks, and rest stops.

**8:50 a.m. – 2:00 p.m. Tour Limit 20.**

**FEATURED!!! Bare-Naked Birding – Ted Floyd**

Join Ted Floyd, our 2012 WOW Keynote Speaker, for a birdwatching excursion--without binoculars! This is NOT a "birding by ear" workshop. Instead, we’ll rediscover the wonders and glories of human vision. When we go birding without binoculars, we pick up more context, we are more sensitive to motion, and we are more attuned to behavior than when we use binoculars. With a little patience, bare-naked birders can train themselves to see individual feathers on birds! In many situations, we see – and correctly identify – more birds without binoculars than with binoculars. This workshop will change the way you see and identify birds. Clothing optional. **binoculars prohibited.**

**TRANSPORTATION IS NOT PROVIDED FOR THIS TOUR.** This tour will require that you drive your own car or carpool to the Willcox ponds. Less than ¼ mile of easy walking. **Beginner.**

**10:03 a.m. –11:45 a.m. Tour Limit 20.**

**Wetlands, Woodlands and History – Jim Paterson, Jake Mohlmann, & John Verger**

This tour’s first stop is Cochise Lake in Wilcox, then a drive to Apache Station Wildlife Viewing Area to observe Sandhill Cranes during their loafering period. We will then move to Cochise Stronghold Ranch for lunch and an informative talk on the history of the Sulphur Springs Valley, the ancient people of Sulphur Springs Valley and the Ranch. Our tour will conclude with visits to the ponds at Shadow Mountain Golf Course. All of this is subject to change depending upon where species have been spotted.

Approximately ½ mile of easy to moderately easy walking. **Beginner to Intermediate. Includes lunch, drinks, and rest stops.**

**10:05 a.m. – 4:30 p.m. Tour Limit 20.**

**Willecox Walking History – Kathy Klump**

Take a tour of the Historic Downtown’s Railroad Avenue with a local historian. You’ll see Arizona’s only remaining original Southern Pacific Railroad Depot, constructed in 1880; Willcox Commercial, the oldest continually operating store in Arizona; and the Schwertner House, built as an overnight resting facility for Army personnel en route through Willcox to area military posts. Nearby, the Rex Allen Cowboy Museum honors the late singer/actor “hometown boy” success story. Stop by the Chiricahua Regional Museum where there are exhibits on the region’s history, featuring Apache Indians, cavalry, Butterfield Stage Line, and mining & railroad displays. On your stroll, you’ll pass several other historic buildings, such as the Headquarters Saloon, where Warren Earp was shot.

**Approximately ¼ mile of easy walking. Includes a historic downtown walking tour map.**

**12:50 p.m. – 4:00 p.m. Tour Limit 20.**

**Owls by Day – Larry Liese**

Owls are fascinating birds to observe! Join us on this unique tour looking for owls during the day. We will visit a few locations seeking glimpses of Great Horned, Barn, and Screech owls.

**Easy to moderate walking for short distances over a few stops. Beginner to Intermediate. Includes rest stops.**

**12:50 p.m. – 4:00 p.m. Tour Limit 8.**

**NEW!!! The Story of Dos Cabezas – Jon Samuelson & Carol Wein**

Tour the historical Dos Cabezas Spirit and Nature Retreat B&B, lodging for the WOW guest speaker, as your tour guides recount the history of the one hundred year-old plus adobe building used by the infamous T.N. McCauley as “The Hostess House” to wine and dine prospects asked to invest in the legendary Mascot Mine. Enjoy birding at the B&B, recent hosts to The Discovery Channel filming for a nature series to be televised in 2012. We will narrate the evolution of the wildlife habitats the past one hundred years, the history of the Dos Cabezas Pioneer Cemetery, and the Butterfield Stage trail. Then to the Dos Cabezas Mountain Gallery to shop from award-winning artists and enjoy treats of hot cider and Grandma Flick’s cookies.

**Easy to moderate walking for short distances. Beginner to Intermediate. Includes rest stops.**

**12:50 p.m. – 4:30 p.m. Tour Limit 20.**

**Easy Birding Sampler – Vivian MacKinnon**

A slow pace and comfortable, easy viewing will be emphasized on this trip designed for birders with limitations of endurance or mobility. We will visit Willcox Twin Lakes for waterfowl and shorebirds, Kansas Settlement for raptors and sparrows, and AEPCO ponds for Sandhill Cranes. As we travel from site to site, we will have chances to stop to observe other bird species.

Most birding will be done from the vehicle or in close proximity to the vehicle and the short excursions will be wheelchair accessible. **Beginner to Advanced. Includes rest stops.**

**12:50 p.m. – 5:00 p.m. Tour Limit 6.**

**Half-day Hawk Stalk #2 – Steve Marlatt, Tim Snow, & Tony Battiste**

See Saturday Half-day Hawk Stalk #1 for description.

**12:50 p.m. – 5:00 p.m. Tour Limit 24.**

**Half-day Sparrow Seek #2 – Homer Hansen**

See Saturday Half-day Sparrow Seek #1 for description.

**12:50 p.m. – 5:00 p.m. Tour Limit 14.**
**TOUR DESCRIPTIONS:** Saturday ~ Sunday, January 14 ~ 15

All tours depart promptly 10 minutes after the stated departure time.

All participants should have a water bottle! Water bottles that are environmentally friendly will be available for sale (see page 42). Water for refilling bottles will be provided at the festival.

Please read General Information for recommendations to prepare for weather conditions.

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**FEATURED!! Banquet & Keynote Speaker**

**BIRDING AT NIGHT: THE FINAL FRONTIER**

Ted Floyd’s banquet presentation will introduce us to the amazing world of birding at night. Many birds are surprisingly easy to observe at night. And it’s not just owls, but also lots of birds we often think of as being active only by day: thrushes and thrashers, warblers and sparrows, and many more. And the things they do at night are extraordinary. Ted’s talk will show us how to find birds at night. It’s easy! Yet most people are unaware of the surprising “night life” of the bird world. Birding at night is an unexplored frontier for most of us. Ted will take us on a tour of the new frontier of nocturnal birding, and he will tell us how nocturnal birding is helping the cause of bird conservation. “Birding at Night: The Final Frontier” will open your mind to an entirely new conception of birding. Warning: Going birding at night is thoroughly addictive. As a result of hearing and seeing Ted’s presentation, you may find yourself increasingly sleep-deprived, unable to stay in bed and indoors during the nighttime hours!

PRE-REGISTRATION REQUIRED due to limited seating.

**Please note whether you want a chicken, steak or vegetarian dinner.**

**Evening Schedule:**

- 6:00 p.m. \[Silent Auction and Social Time\]
- 7:00 p.m. \[Dinner\]
- 8:00 p.m. \[Keynote Speaker Presentation\]

**Location:**

- Willcox Elks Lodge
- 247 E. Stewart Street

**Seating Limit 180.**

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**SUNDAY, JANUARY 15**

**Sunrise Sandhill Crane –**

*Matt Brooks, Jake Mohlmann, Larry Liese, & John Jerger*

See Saturday tour for description.

**6:05 a.m. – 9:45 a.m. Tour Limit 40.**

**Chiricahua Montane Specialties –**

*Rick Taylor & Scott Olmstead*

See Saturday tour for description.

**6:20 a.m. – 4:00 p.m. Tour Limit 12.**

**Southwest Winter Specialties –**

*Bill Grossi*

See Saturday tour for description.

**6:50 a.m. – 4:30 p.m. Tour Limit 14.**

**Southbound Hawk Stalk –**

*Tony Battiste & Steve Marlatt*

Explore Kansas Settlement, a hawk-watcher’s dream during the winter months when large numbers of raptors are seen throughout the area.

**Approximately ½ mile of easy walking. Beginner to Intermediate. Includes lunch, drinks, and rest stops.**

**7:20 a.m. – 12:30 p.m. Tour Limit 13.**

**Daylong Sparrow Seek –**

*Homer Hansen & Jeff Babson*

The grasslands of the Sulphur Springs Valley are well known for the diversity of sparrows, towhees, and longspurs that are winter residents. Over 24 species of Emberizids (members of the sparrow family) may winter in Cochise County and as many as 19 species have been observed during the festival weekend. The tour starts with an hour-long class on sparrow identification, followed by a field trip seeking over 15 sparrow species.

**Approximately 1-1½ mile of easy to moderate walking that includes agricultural fields and brushy areas. Beginner to Advanced. Includes lunch, drinks, and rest stops.**

**7:50 a.m. – 4:30 p.m. Tour Limit 15.**

**Midday Northbound Hawk Stalk –**

*Tim Snow, Vivian MacKinnon, & Michael Marsden*

Explore the Stewart District to Bonita, a hawk-watcher’s dream during the winter months when large numbers of raptors are seen throughout the area.

**Approximately ½ mile of easy to moderately easy walking. Beginner to Intermediate. Includes lunch, drinks, and rest stops.**

**8:50 a.m. – 3:00 p.m. Tour Limit 24.**

**FEATURED!!! Habitat Sampler –**

*Jim Paterson, Erika Wilson, & Ted Floyd*

Climate and geology underlie habitat types and their structure. On this field trip we will explore the interplay between these factors and wintering birds’ survival strategies. Different suites of birds are found in oak woodland, riparian sycamore woodland, mesquite desert scrub, and two modified habitats—suburban development and irrigated agriculture. We begin our tour in the Dragoon Mountains at the Coronado National Forest’s Cochise Stronghold campground in oak woodland. After a 1.5-mile hike, we will eat our picnic lunch at the campground, then move downhill to sycamore riparian woodland, where we will walk one mile along a forest service road. Next stop is Sunsites, a suburban development with a golf course and water-treatment ponds where we will find an entirely different suite of birds. Desert scrubland is best birded by vehicle, with short stops as warranted, as we cross the Sulphur Springs Valley. At Kansas Settlement we move into irrigated agricultural areas, where foraging Sandhill Cranes, wintering raptors, and grassland birds will be our focus. Ted Floyd, featured 2012 WOW Keynote Speaker, will also join the tour as a tour guide.

**About 2.5 miles of moderate walking on uneven trails and gravel roads; wear good hiking shoes and bring binoculars.**

**Beginner to Advanced. Includes lunch, drinks, and rest stops.**

**10:05 a.m. – 4:30 p.m. Tour Limit 40.**

**NEW!!! The Story of Dos Cabezas –**

*Jon Samuelson & Carol Wein*

See Saturday tour for description.

**Easy to moderate walking for short distances. Beginner to Intermediate. Includes rest stops.**

**12:50 p.m. – 4:30 p.m. Tour Limit 20.**

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Many of the WOW tour guides are professional guides specializing in flora and fauna both locally as well as internationally. If you will be spending a few days in this area either before or after the festival or returning to the area at another date, we encourage you to use the contact information provided to secure a personal guide.

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GEORGE ANDREJKO was born in Chicago, Illinois, where he developed an early love for the outdoors and watching wildlife. Originally, his wildlife watching was limited mostly to Cubs and Bears, but he diversified later in life. He moved to New Mexico to attend college and found photography to be his passion. He spent five years working as a photojournalist at a New Mexico newspaper and then moved to the Phoenix area to join his family who had relocated to Arizona. Andrejko has been a professional photographer for 23 years. He has spent the last 18 years as the staff photographer for the Arizona Game and Fish Department (AGFD). Andrejko has received national and international recognition for his photographic work. You can find his photography on the pages of the AGFD’s Arizona Wildlife Views magazine, which is the state’s official wildlife conservation magazine. You can also view many of his wildlife photos by logging onto the AGFD’s website, www.azgfd.gov.

JEFF BABSON is a naturalist with expertise in birds, butterflies, and dragonflies. He lives in Vail, just southeast of Tucson. He got his start in birding with a field guide given to him by his grandfather when Jeff was in kindergarten. That was the beginning of a lifelong passion for birds. That passion quickly grew to include just about everything that moves or has roots. Prior to moving to Vail, Jeff lived in the Bahamas for eight years, enjoying many Caribbean specialties and North American migrants. Now, Jeff owns Sky Island Tours, a natural history education and eco-tour company (www.SkyIslandTours.com). He has been teaching classes and leading field trips in southern Arizona for over 11 years privately and through local, renowned organizations, such as the Arizona-Sonora Desert Museum, Tucson Botanical Gardens, Colossal Cave Mountain Park, and many others. He loves sharing his enthusiasm for the natural world and tries to inspire others to enjoy, appreciate and learn about the creatures that share our world.

TONY BATTISTE and his wife Julie moved from California to Hereford, Arizona, in 2003, opening their birder-friendly B&B the following spring. Battiste’s Bed, Breakfast and Birds (www.battistebedandbirds.com) has hosted nature-loving guests from almost every state. Tony has been birding since 1985, serving as a fieldtrip leader and education chairperson for Napa/Solano Audubon for many years. While residing in California, he also led fieldtrips and held beginning birder classes at the annual Flyway Festival held each winter in Vallejo. Tony is an accomplished photographer, having photographed more than 550 species of birds in the United States with more than 100 of them in his yard in Hereford.

HOWARD BETHEL is a second generation native of Cochise County. Born in Bisbee, his family moved to Willcox in 1943. He graduated from Willcox High in 1952 and then attended Arizona State University. He graduated in 1956 with a B.S. degree in Biological Sciences with emphasis in Wildlife Management. Also serving four years in ROTC, he received a commission as a Regular Army Officer. Shortly after graduation, he married his wife, Gwen and began six years of active duty in the Army. They returned to Willcox, where he was employed 35 years by the Sulphur Springs Valley Electric Cooperative, retiring in 1995. He served the last 25 years as the Cooperative’s executive vice president and general manager. He is a past President of the Willcox Chamber of Commerce and was made an honorary member of the Chamber. He has been a volunteer of WOW since its inception and is a past president and active member of the Sulphur Springs Valley Historical Society and the Chiricahua Regional Museum and Research Center which the Society owns and operates.

HEIDI BLASIUS is a fisheries biologist with the Bureau of Land Management. Heidi received a Master of Science degree in Zoology from Arizona State University and under the tutelage of the late Dr. W. L. Minckley developed a love and passion for native fish. Heidi spends a great deal of her time monitoring native fish and their aquatic habitats and has led several restoration projects that have resulted in the development of refuge habitats for native fish. Heidi is active in several fisheries organizations and currently serves as President of the Desert Fishes Council, a non-profit organization dedicated to the conservation of arid land ecosystems and their associated life forms.

MATT BROOKS didn’t discover birding until right after college, but that hasn’t stopped him from turning it into a lifelong hobby and obsession. He came into his own as a birder in Alaska while working for the Forest Service and Fish and Wildlife Service in various bird-related capacities over the years. His jobs have included working as a historical interpreter on the Alaska Marine Highway System, a ranger at the Mendenhall Glacier National Recreation Area, a biological technician in southeast Alaska, and as a seabird surveyor on the Bering Sea. Birds have also been at the root of most of his world travel to over 40 countries worldwide (including 17 countries in Latin America alone). Though he is a New Mexico native, he is proud to currently call Arizona home. He works for Tucson Audubon Society as the Education Outreach Specialist and Deputy Shop Manager and runs a variety of programs, including the Institute of Desert Ecology. He also leads birding field trips for Tucson Audubon and Pima County Parks and Recreation, and has professionally led trips to northern Mexico for Nature Treks. Several of his articles on birding hotspots in the
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ANNE CASEY is the wildlife biologist for the Safford Ranger District of the Coronado National Forest. She grew up in northwestern Florida and then moved around the South quite a bit before moving to the desert Southwest. She received her bachelor’s degree in Wildlife Science from Auburn University in Alabama, and a master’s degree in Wildlife Management from the University of Arizona. Anne’s past experience includes work with a wildlife rehabilitation center in Florida, an internship with the red wolf program in North Carolina, and GIS work with the Office of Surface Mining in Tennessee and the Farm Service Agency in Arizona. She currently focuses on landscape-scale management of wildlife habitat, particularly projects aiming to restore natural fire cycles and historic vegetation conditions.

JACK L. CHILDS, hounds man and tracker, became interested in jaguar research and conservation after he and his wife, Anna Mary, had an encounter with a jaguar in the mountains of southeastern Arizona in 1996. This life-changing event resulted in his participation in jaguar research in Arizona, the Pantanal region of Brazil, and the Sierra Madre Mountains of Sonora, Mexico. He authored a tracking guide, *Tracking the Felids of the Borderlands* in 1998. Jack and Anna Mary founded the Borderland Jaguar Detection Project in 2001 and conducted jaguar surveillance and research for the Arizona-New Mexico Jaguar Conservation Team from 1997 to 2009. In 2008 they coauthored *Ambushed on the Jaguar Trail: Hidden Cameras on the Mexican Border*. Jack has conducted over 150 lectures on wildlife and wildlife research throughout Arizona and New Mexico to agencies, students and civic groups. Jack and Anna Mary live in a country home near Amado in southeastern Arizona.

BOB CODER retired after spending more than 30 years teaching high school biology (27 of those in Willcox). He was on the original committee formed by the Willcox Chamber of Commerce and Agriculture to put together a birding festival and was the third chairman of the event, serving two years as chairman. Bob has a small photography business that continues to keep him involved in community activities. Activities in WOW, a small business, and his church mean retirement is still yet to come.

TONY COHORN moved to Bowie, Arizona in 1951. The family farm was one mile south of Bowie where they grew cotton, maize, soybeans, lettuce, tomatoes, and barley. He trained quarter-horse colts for 15 years after school and during the summer. Their cattle ranch of ten sections was seven miles northeast of Bowie. Since Tony was always outside, studying wildlife and their habitats became second nature. While riding he studied tracks and learned where water holes and den areas were. As he disked the fields, he observed the hawks as they hunted or watched the turkey buzzards as they circled and rode the thermals. As he rode among the mesquites from the farm to the Dos Cabezas Mountains, he watched the animals and birds and their changing habitat year after year.

CASEY DENNIS was born in Douglas, Arizona, and raised on a cattle ranch in southeastern Arizona. Following graduation from nurses training with her RN, she worked for several years before entering the U.S. Air Force. She was on active duty for five years, flying aero-medical evacuation of GIs wounded in Vietnam. Ultimately, she retired from the Arizona Air National Guard as a lieutenant colonel. Once home from the war, she married and had two children. She used the GI Bill to obtain a bachelor’s degree from the University of Arizona in Anthropology. Gradually she became more interested in southwestern archaeology and phased out of nursing. Since 1988, she has been teaching southwestern archaeology for Yavapai College in Cottonwood, Arizona. And in the 1990s, she was director of the Elderhostel program for Yavapai College in the Verde Valley. In her spare time, she is a private contractor, conducting archaeological surface surveys. Currently, she is retired from everything but her contracting business and doing a few Elderhostel programs a year for Yavapai College and Geronimo Educational Foundation. She conducts trips to Copper Canyon and Casas Grandes and, for fun, drives a houseboat on Lake Powell for Yavapai College once a year.

JENNIE DUBERSTEIN has 16 years experience working as a field biologist and educator for a variety of bird conservation organizations. Currently she works as the Education and Outreach Coordinator for the Sonoran Joint Venture, whose mission is to conserve the unique birds and habitats of the southwestern United States and northwestern Mexico through bi-national collaboration and cooperation. She has coordinated and taught workshops on bird identification, ecotourism, and bird monitoring and has studied species including Yellow-billed Cuckoo in Arizona and Double-crested Cormorant and wading birds in Sonora. She received her B.S. in Wildlife Biology from Virginia Tech and her M.S. and Ph.D. from the University of Arizona’s School of Natural Resources and the Environment. She lived in Bisbee, Arizona, from 2001-2010 and currently resides in Tucson.

DENZIL FARBO is a retired farmer/insurance agent who has lived in the Kansas Settlement for 40 years. He is acquainted with all types of crops grown in the area.
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LARRY FELLOWS is a geologist with more than 50 years of professional experience, including petroleum exploration, teaching, research, geologic mapping, and administration. He leads tours to observe and discuss geologic features and processes and demonstrate how geology has influenced (and continues to influence) land and resource management and use. Larry, born and raised in Iowa, was Director of the Arizona Geological Survey and Arizona’s State Geologist for 26 years.

BILL GROSSI visited Willcox for the first time in 1970 as a college student at New Mexico State University. Graduating with a degree in Wildlife Science, he has spent most of the last 40 years living and birding in the southwestern United States as a wildlife biologist for the Bureau of Land Management. Now retired and based in the Phoenix area, he has led birding trips for Wings Over Willcox for several years and really enjoys the annual winter trip to the Sulphur Springs Valley, and the birds and people who call it home.

DON HAMMER After 22 years, Don Hammer retired from the Tennessee Valley Authority (TVA) in 1994. Dr. Hammernspent much of his career with TVA supervising the management of over 100,000 acres of wetlands and restoring populations of Canada Geese, Osprey, Bald and Golden eagles, Great and Snowy egrets, and Peregrine Falcons. He also led five teams developing the constructed wetlands technology for treating municipal, industrial, agricultural, mining, and domestic wastewater and has done technology transfer of constructed wetlands all over the world. After buying a winter home in the Sulphur Springs Valley, Don and his wife became interested in the vibrant history of the area; they have done considerable research and compilations on the history of ranching and rural life in the valley. He has degrees in wildlife biology and ecology from the University of North Dakota, South Dakota State University and Utah State University.

LARRY FELLOWS

HOMER HANSEN is the chairman of the annual Wings Over Willcox Birding and Nature festival and also leads the Sparrow Seek tours for the event. He is a native of Willcox and, while growing up, had the pleasure of seeing and hearing the Sandhill Cranes in winter and the Cassin’s Sparrow in summer. Homer earned his B.S. in Ecology & Evolutionary Biology from the University of Arizona and now works as an environmental scientist with Aplomado Environmental assessing contaminants in soil and groundwater. Homer has presented many workshops on sparrows, raptors, flycatchers, and bird ecology over the past 15 years and has led many birding tours in southeastern Arizona. For the past four years, he has also instructed the Moving to Mastery courses offered by the Tucson Audubon Society. He especially enjoys the challenges of complex identifications and loves to learn about the nature of birds.

BILL GROSSI

ROD KEELING After leaving successful professional careers in the metro Phoenix area, Rod Keeling’s and wife Jan Schaefer’s retirement dream was to grow grapes and make great wine. Their vineyard, planted in 2004, showcases Rhone-style varieties – Viognier, Syrah, Grenache, Mourvedre, Petite Sirah, and Picpoul Blanc – which have merited “99” ratings from Wine Spectator. Their estate vineyard is located in the foothills of the Chiricahua Mountains at a 5,000-foot elevation with vines in front, the winery, cellar, and home in the middle of the property, and a backyard filled with oaks, juniper, desert willows, hackberry, and ash trees. Rock Creek flows periodically at the back of their property. Their wine is sold at over 200 retailers in Arizona and served at fine restaurants like Different Pointe of View and Lon’s at the Hermosa Inn in Phoenix and Hacienda del Sol Grille in Tucson. In March, 2010, they opened a tasting room on Railroad Avenue in downtown Willcox in the historic 1917 Willcox Bank & Trust building and restored many of the original features of the building.

DON HAMMER

KATHY KLUMP, as president of the Sulphur Springs Valley Historical Society is in charge of the care of four historic buildings in Willcox and the historic church in Cochise, Arizona. She also oversees the day-to-day operations of the Chiricahua Regional Museum and Research Center as archivist and research librarian. She is active in researching, collecting and preserving the history of Willcox and the surrounding towns in the Sulphur Springs Valley including Bowie, San Simon, and Bonita and has dedicated over 30 years of volunteer activities in Willcox. Kathy is the coauthor of Images of America: Willcox, the story of Willcox through photographs and coordinated the reprinting of Southwestern Town, the official history of Willcox. For the past eight years, she has also been in charge of the authors and books for the Western Book Exposition held in Willcox, Tucson, and Tombstone. In 2008,
Kathy was selected as one of the 100 Arizona Culture Keepers. Born in Cottonwood, Arizona, Kathy is a third generation Arizonan. Her husband’s family settled near Willcox in 1904 and has been involved in cattle ranching since that time. Kathy wrote the history of the Klump Family in honor of their 100th anniversary in Arizona. She and her husband, Keith live in one of the original homes in Willcox, built about 1893, and are in the process of renovating it. They have six grown children and fourteen grandchildren.

**STEVE MARLATT** has had an interest in wildlife from his earliest memories, growing up on wildlife refuges throughout the west where his father worked as a U.S. Fish and Wildlife Service refuge manager. He has a B.S. in Wildlife Biology and has worked on studies of the Southern Bald Eagle and the Interior Least Tern. A part of the founding organizers of Wings Over Willcox and an active leader and presenter ever since, Steve has worked with a “different” kind of wildlife as a science teacher for 21 years. He is currently teaching 8th grade science at Willcox Middle School.

**MICHAEL MARSDEN** is the principal guide with Anza Birders, a touring company based in Green Valley and Patagonia specializing in the birds and other wildlife of the Southwest borderlands. He has been an avid birder since childhood but decided, for reasons that now escape him, on a career in law. After 25 years working for governments in the UK and Caribbean, Michael moved to Rockport, Texas, with his wife and birding companion, Donna Knox. There they established Cayman House, a bed and breakfast for birders, and the touring company Coastal Bend Birders. In 2002 they came to Arizona, where they initially ran the San Pedro River Inn and now live in the Paton House in Patagonia. Michael has led birding tours to Belize, Panama, Costa Rica, Cuba and the UK and has guided for the American Birding Association, Rio Grande Valley Birding Festival, and many other bird clubs and festivals. The two elements of his work recently coalesced when he was engaged to draft new comprehensive wildlife-conservation legislation for the Cayman Islands.

**VIVIAN MACKINNON** was raised in the black-water swamps of north Florida, graduated with a degree in Anthropology and Environmental Sciences from Florida State University, and headed west the next day! While serving in AmeriCorps at Saguaro National Park, she was required to attend a birding tour. One look at a Black-throated Sparrow through a cheap pair of binoculars was all it took to get her hooked. She promptly began studying the birds of southeastern Arizona and began leading natural history and birding tours, both professionally and as a volunteer, for area environmental organizations. She has been guiding natural history and birding tours in southeastern Arizona for the past 14 years and especially enjoys introducing beginning birders to the spectacular natural wonders of the Sonoran Desert.

**PINAU MERLIN** is a naturalist and the author of numerous articles and several natural history books, including the *Field Guide to Desert Holes*, *Guide to Bird Nests and Eggs*, *Hummingbirds of the West*, and *Soaring Birds of the West*. She is a contributing author to the *Natural History of the Sonoran Desert*. Her work has been featured in *Smithsonian* and *National Wildlife* magazines, on PBS and NPR. Pinau presents natural history programs to groups throughout the US, has taught natural history at the University of Arizona, and runs a school for naturalists. She designs and creates nature trails, wildlife habitats and interpretive exhibits for a variety of organizations in the southwest and she also leads natural history trips and expeditions in the southwest, Mexico and Central America, through her company, Roadrunner Nature Tours. Pinau has lived in wilderness areas for more than 14 years. Her extensive experience with wildlife includes walking up on a sleeping mountain lion, being whacked in the head by an elf owl, sharing her home with ringtail cats, skunks and a family of canyon wrens, and receiving a proposal of marriage from a roadrunner.

**GLENN MINUTH** is a Department of Defense/Army civilian employed at Fort Huachuca as division chief/technical integrator (project manager) for the Network Enterprise Technology Command at Fort Huachuca. His bachelor’s and graduate degrees are in geography with specialties in cartography, geomorphology, remote sensing, and geology. Others areas of academic focus were biogeography (flora/fauna), weather/climate, and pedology (soils). His research focused in the area of geomorphology and geology examining mound micro-relief (Mima-type mounds) on volcanic mudflows in the central Sierra Nevada foothills, California. Glenn taught geography and geology in the Life and Physical Science Department of American River College, Sacramento for seven years. He was an instructor in geography and geology for 10 years at Cochise College credit and non-credit programs.

**SALSA FIESTA**
"The Best in Mexican Food"

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Willcox, Arizona 85643
(520) 384-4233
is not in the classroom. Scott’s bird-related hobbies include digiscoping (see Scott’s work at www.flickr.com/sparverius) and sound recording; he contributes many of his best recordings to the Xeno-canto collection. Scott considers the sight of the Sandhill Cranes of the Sulphur Springs Valley leaving their roosts at dawn to be among the most thrilling birding experiences Arizona has to offer.

CLAUDE ROBERTS (not present on the page)

CLAUDE ROBERTS is an accomplished ornithologist who has published extensively on the birds of the American Southwest. His passion for birding grew from a childhood fascination with these remarkable creatures. Through his extensive fieldwork and research, he has made significant contributions to our understanding of avian ecology in the region. His dedication to conservation has earned him numerous accolades, and he continues to inspire others with his knowledge and enthusiasm for the natural world.

SUZANNE MOODY is a National Park Service ranger at Chiricahua National Monument and Fort Bowie National Historic Site. After working at several parks in the West – Natural Bridges, Petrified Forest, Death Valley, Crater Lake, and the north rim of the Grand Canyon – she was hired at Chiricahua. She is captivated by the beauty of the Wonderland of Rocks and the history of Fort Bowie, and loves sharing their stories with visitors.

MICHAEL NELSON is manager of power production at Arizona Electric Power Cooperative, Inc. (AEPco) and has more than 32 years experience at AEPCo’s Apache Generating Station in Cochise, Arizona.

STEVE PEUGH unexpectedly stumbled upon his passion for birding. From the start, the great outdoors has been his playground; hiking, canoeing, backpacking, cycling, off-roading, and geocaching. His arrival to Arizona in 2005 from the midwest opened his mind to true ‘big sky country’ and vast landscapes. Several ‘Steve-sized adventures’ in this new landscape planted him at the top of mountains, admiring vistas of magnitudes he didn’t know existed. This was obviously time to consider a pair of binoculars in his kit of ‘outdoor accessories’. As an engineer, this decision to purchase a pair of binoculars was no trivial decision, and evolved into a 2 month research project of optics. Upon delivery of his brand new Nikon Premier 10x42 some of his field tests did include these avian creatures. During a short walk around the neighborhood he was able to catch the flashes of an Anna’s hummingbird gorget feathers. This piqued his interest, and on his very first bird walk at Patagonia Lake State Park his group stumbled upon an Elegant Trogon. Yup, he was hooked. Soon after, he was a regular at all of the Tucson Audubon field trips he could cram into his schedule, even ditching select engineering classes for weekday walks. The weekends without walks he would ramble in Southern Arizona from sunrise to sundown hitting as many birding hotspots as possible. Interest and passion grew for this new found appreciation of nature and wildlife, and Homer Hansen’s ‘Moving to Mastery Birding’ series was obviously the next step. After completion of this enlightening series, he bought a small telescope to use for both birding and astronomy, a 92mm refractor. With the proper birding tools and knowledge, his spare time is spent visiting favorite hotspots, and up keeping an e-bird profile.

Continued on page 33
Welcome to Wings Over Willcox
QUALITY INN
1100 W Rex Allen Drive
Willcox, AZ 85643
520-384-3556
Your Tour Leaders & Seminar Speakers

VINCENT PINTO, a naturalist and wildlife biologist (M.A. Environmental Studies; B.S. Wildlife Biology), has been teaching people of all ages and backgrounds about the natural world since 1988. He has led individuals and groups on “Adventures of Discovery” on a myriad of topics - birdwatching, ethnobotany, tracking, astronomy, survival skills, and more! Vincent and his wife Claudia run Ravens-Way Wild Journeys, a nature adventure and outdoor environmental company dedicated to raising environmental awareness through experiential programs about nature, Earth stewardship, and stone-age/wilderness survival skills. Together they own and operate two nature sanctuaries: 50+ acres in the eastern foothills of the Chiricahua Mountains near Portal and 42+ acres near Lake Patagonia. They welcome birders for both casual and guided tours to discover the diverse species in each sanctuary. Please check out their website, including species lists, at www.ravensnatureschool.com.

BILL RADKE is a wildlife biologist and is currently the refuge manager of San Bernardino and Leslie Canyon national wildlife refuges in Cochise County. A native of Arizona and a graduate of the University of Arizona, Bill has worked for the U.S. Fish and Wildlife Service since 1983, and has been stationed at 11 different wildlife refuges in five western states. Bill is interested in, and knowledgeable of, much of the area’s natural and human history. He works with a variety of mammals, birds, reptiles, amphibians, fish, invertebrates, and plants. He lives with his wife in Sierra Vista.

JIM RIGGS currently operates and owns, with his family, the Crossed J Ranch on the west side of the Chiricahua Mountains, 35 miles southeast of Willcox. There they raise polled Hereford cattle while following a strict code of conservation practices to improve, maintain, or restore the natural ecosystems. He is the fourth generation on the ranch preceded by family members that were also innovative and dedicated to the health of the natural resources. Jim has continued this dedication not only on the ranch, but by many hours of volunteering with organizations such as the Willcox-San Simon Natural Resource Conservation District, University of Arizona Cooperative Extension Advisory Board, and Society for Range Management.

PHILIP C. ROSEN, a New York City native, has worked on the ecology, conservation biology, and genetic history of amphibians and reptiles in the American Southwest since 1987. He has a master’s from Arizona State University and Ph.D. from the University of Arizona, where he still works as a research scientist. His diverse biological interests include studies of rodents, fishes, and aquatic invertebrates as well as “herps,” and his work focus has spanned desert, urban, wetland, and grassland environments. He and his colleagues have worked with numerous government agencies, nongovernment organizations, and private ranchers and homeowners to restore native species and their habitats.

JON SAMUELSON holds a degree in wildlife management from Utah State University and is a naturalist as well as owner of the Dos Cabezas Spirit And Nature Retreat B&B. Jon served in the U.S. Marine Corps, traveled Asia, Africa and Europe, and served in the Peace Corps in India. Jon’s background in natural resource planning includes establishing The Nature Conservancy’s natural areas program in New Mexico. He has worked in coal and uranium boomtowns to develop needed infrastructure, and has worked in balancing coal- and gas-fired energy sources with competing interests of the environmental, corporate, and local communities. Previous to owning the Dos Cabezas Spirit and Nature Retreat B&B, he was a tour guide for the Elderhostel Birding program in southeastern Arizona for seven years. Jon enjoys local birding and history.

JAN SCHAEFER completed successful professional careers in the metro-Phoenix area and, with her husband, Rod Keeling, shared a retirement dream to grow grapes and make great wine. Their vineyard, planted in 2004, showcases Rhone-style varieties – Viognier, Syrah, Grenache, Mourvedre, Petite Sirah, and Picpoul Blanc – which have merited “89” ratings from Wine Spectator. Their estate vineyard is located in the foothills of the Chiricahua Mountains at a 5,000-foot elevation with vines in front, the winery, cellar, and home in the middle of the property, and a backyard filled with oaks, juniper, desert willows, hackberry, and ash trees. Rock Creek flows periodically at the back of their property. Their wine is sold at over 200 retailers in Arizona and served at fine restaurants like Different Pointe of View and Lon’s at the Hermosa Inn in Phoenix and Hacienda del Sol Grille in Tucson. In March 2010, they opened a tasting room on Railroad Avenue in downtown Willcox in the historic 1917 Willcox Bank & Trust building and restored many of the original features of the building.

KATE SCOTT migrated with her husband Tony Heath to southeastern Arizona from New York in 1997 and discovered her passion for wildlife conservation while restoring their ranch in the Huachuca Mountains. After joining Cornell Lab of Ornithology’s Birdhouse Network in 2000, now known as NestWatch, and installing a few nest boxes, she was hooked! Currently, the Birdland Ranch multi-species cavity nest box trail monitors Elf Owls, Eastern Bluebirds, Ash-throated and Dusky Flycatchers, Acorn Woodpeckers and the Birdied Titmouse. Working to achieve non-profit status by 2012 will help in funding a wildlife research, education and rehabilitation center.

Continued on page 34
RONNIE SIDNER is an ecological consultant conducting field studies on bats (but also a few other mammals like shrews and chipmunks, and even feathered critters like spotted owls). Besides completing bat surveys for Saguaro National Park, Coronado National Forest, Buenos Aires National Wildlife Refuge, Arizona Game and Fish Department, and The Nature Conservancy, she conducted the pre-development baseline study to identify and characterize the ecological and biological patterns of the cave Myotis maternity colony at Kartchner Caverns. She has monitored the endangered lesser long nosed bats and other bat species on Ft. Huachuca for 20 years. Ronnie completed her Ph.D. at the University of Arizona (UA) while studying lifetime mortality and reproduction of two desert species, pallid and big brown bats. She teaches summer school as adjunct faculty in the UA Ecology department.

TIM SNOW is a nongame wildlife specialist for the Arizona Game and Fish Department (AGFD). He received his B.S. in Renewable Natural Resources from the University of Arizona in 1987. As a regional nongame specialist (1999 to present), he is responsible for implementation of the Department’s conservation and management strategies for nongame threatened and endangered wildlife in southeastern Arizona. Tim has been with the AGFD for 18 years. His first duties were as a raptor biologist, conducting surveys and monitoring of Northern Goshawks throughout the Apache-Sitgreaves National Forests. He also participated in various raptor-related projects including many winter raptor surveys; Bald Eagle, Peregrine Falcon, Aplomado Falcon, Spotted Owl, Cactus Ferruginous Pygmy-Owl, Burrowing Owl, and Swainson’s Hawk surveys and monitoring; and, for the past five years, he has served as a Hawk Stalk guide for Wings Over Willcox. When not working with wildlife, Tim enjoys coaching youth sports and volunteers hundreds of hours annually in this capacity.

RICHARD TAYLOR, founder and director of Borderland Tours (www.borderland-tour.com), is the author of location checklists for the birds of both the Chiricahua Mountains—revised in 2010—and the Huachuca Mountains of Arizona, as well as Trogons of the Arizona Borderlands. In 1995 his A Birder’s Guide to Southeastern Arizona was published by the American Birding Association, and he has since revised it for a second edition published in 2005. Rick’s most recent project, Birds of Southeastern Arizona, a photo field guide targeted specifically to this unique corner of the U.S., was published by the R. W. Morse Company in August 2010. Rick set a “Big Year” record for the most birds seen in Mexico in 1988 with 717 species.

KELLIE THARP has served as the Education Branch Chief for the Arizona Game and Fish Department since 2009. Prior to her current position, she led the department’s Environmental Education Program for two years. Tharp obtained a master’s degree in environmental science from Johns Hopkins University in Baltimore. While in graduate school, she worked at the Maryland Zoo in Baltimore, using live animal presentations in classrooms and at statewide outreach events to teach conservation biology. She earned her bachelor’s of science in wildlife biology from Humboldt State University. Tharp spent summers in the field working for the Bureau of Land Management and Forest Service as a wildlife technician and wildland firefighter. After graduating, she worked as a wildlife biologist researching the breeding success of Dusky Canada Geese on the Copper River Delta in Alaska. She also spent a few seasons collecting data on Goshawk nests in southeastern Oregon. In addition to her field experience, Tharp also taught high school science. Currently, she serves on a variety of committees within the Children and Nature Network and Association of Fish and Wildlife Agencies. Tharp is the Testing Chair for the Arizona Envirothon and the Membership Chair for Be Outdoors Arizona. The groups work to introduce youth to the outdoors and incorporate conservation education into classroom curriculum. Tharp enjoys camping and spending time with her Field Setter.

DEBORAH VATH is currently the librarian at B. L. Lauffer Middle School in Tucson, where she developed the Sunnyside-Audubon Student Urban Naturalists afterschool club. This club helped students develop a strong desire to understand, appreciate, and share the natural world around them. Deborah will be bringing some of the students from this club to assist her with the Nest Box Building at WOW.

CAROL WIEN is a rancher in the Dos Cabezas area and is a noted award-winning artist and co-author of the book, The Story of Dos Cabezas, the only definitive history of this historic mining town. Born on the Wien Ranch, which has been in the family for four generations, Carol has lived most of her life in Dos Cabezas. She is the owner of the Dos Cabezas Mountain Gallery, a fine art emporium. Carol enjoys photography, gourd art and painting, as well as hiking and camping and the birding and wildlife of the Dos Cabezas Mountains.

THOMAS WHETTEN is a native Arizonan, making him a rare species in Arizona. After spending two years in the Army in the late 60s, Tom joined the Tucson Police Department where he retired after a 20-year career. He then worked for State of Arizona retiring “for the last and final time” as he put it, from the Arizona Game and Fish Department (AGFD) in 2007. Tom has been an avid nature and wildlife photographer for more than 21 years. He is an internationally published photographer. Working for the AGFD gave him the opportunity to gain important knowledge of wild-
Your Tour Leaders & Seminar Speakers

SHERI WILLIAMSON grew up in Texas with a passion for wildlife. She has lived and birded in Arizona since 1988, when she and husband Tom Wood moved here to become resident managers of The Nature Conservancy’s Ramsey Canyon Preserve. During seven and a half years at the Preserve, Sheri helped to develop the Southwest Wings Birding Festival, documented the first known nesting of Eared Quetzals in the United States, and learned how to band hummingbirds. Sheri and Tom left the Preserve in 1996 to found the Southeastern Arizona Bird Observatory. Sheri is the author of A Field Guide to Hummingbirds of North America in the Peterson series and a guide to attracting and feeding hummingbirds, scriptwriter for the Advanced Birding Video: Hummingbirds of North America, and contributor to The Sibley Guide to Bird Life and Behavior, National Geographic Reference Atlas to the Birds of North America, and Firefly Encyclopedia of Birds. Sheri will be in the Galapagos this year but will be back as a WOW guide for 2013.

ERIKA WILSON began watching birds at age eight on her family’s California dairy farm. She has a degree in Biology and worked in research labs studying insect physiology, genetic factors in cancer, and tropical parasitic diseases. Switching to birding in 1982, Erika ran U.S. Fish and Wildlife Service Breeding Bird Survey routes; worked on breeding and winter bird atlas projects in Maryland, Virginia, and Nova Scotia; led bird tours for the Audubon Naturalist Society throughout the U.S.; produced a regional rare bird alert; and served on several bird record committees. Erika’s world birding includes three-year residences in England and India, plus bird trips to other countries in Europe, Asia, Australia, Central and South America. Erika and her spouse retired in 2004 to Sierra Vista, drawn by southeast Arizona’s diverse flora and fauna.

TOM WOOD is cofounder of the Southeastern Arizona Bird Observatory, a non-profit conservation organization. A native Texan, he has a B.S. in Wildlife Biology and was director of the Fort Worth Nature Center and Refuge for 14 years before moving to Arizona in 1988 to manage The Nature Conservancy’s Ramsey Canyon Preserve. During their 7½-year tenure at the preserve, Tom and his wife, Sheri Williamson, conducted a five-year banding study of hummingbirds, founded the Southwest Wings Birding Festival, documented the first known nesting of Eared Trogon in the U.S., and worked together on ecotourism projects. Ongoing projects include banding of breeding and migrant hummingbirds on the San Pedro River and development of birding tourism in southeastern Arizona and northwestern Mexico. Tom will be in the Galapagos this year but will be back as a WOW guide for 2013.

RICK WRIGHT lives in New Jersey with his wife, Alison Beringer, and their chocolate Lab, Gellert. A native of southeastern Nebraska, Rick studied French, German, Philosophy, and Life Sciences at the University of Nebraska before making a detour to Harvard Law School. He took the Ph.D. in Germanic Languages and Literatures at Princeton University in 1990, then spent a dozen years as an academic, holding successive appointments as assistant professor of German at the University of Illinois, reader in Art and Archaeology at Princeton University, and associate professor of Medieval Studies at Fordham University. Rick is the founder of Aimophila Adventures; he also served as a department editor at Birding magazine and as editor of Winging It from 2005 to 2008. The managing director of WINGS from 2008 to 2010, Rick is a widely published writer, a popular lecturer at birding events, and an enthusiastic tour leader in Europe and North America. His time afield is documented in his blog, Aimophila Adventures.

JOHN YERGER graduated from Penn State with a degree in Wildlife and Fisheries Science. While John enjoys every bird from the drabbest common resident to the most dazzlingly plumaged rarity, he is equally engaged by many other aspects of natural history. He has led trips from the boreal forests of Canada to the subtropics of Mexico, but primarily enjoys living and birding in southeastern Arizona. John currently serves as the field expedition chair for the Arizona Field Ornithologists, volunteers as a field trip leader for the Tucson Audubon Society, and guides for the Adventure Birding Company. John is especially interested in avian ecology and bird behavior. John considers himself lucky to live northeast of the Chiricahua Mountains in Portal, where he and his wife manage the Quailway Cottage.
WATCHING SANDHILL CRANES IN THE SULPHUR SPRINGS VALLEY

Sandhill Cranes are regularly found during the winter in the Sulphur Springs Valley of southeastern Arizona. The cranes migrate into the valley as early as September and stay as late as March, with the majority of the birds present between November and February. Cranes that spend the winter in the Sulphur Springs Valley represent two populations, the Rocky Mountain and the Mid-Continent populations.

The Rocky Mountain population is made up of the “greater” subspecies Grus canadensis tabida. The nesting range for these birds centers around Grays Lake National Wildlife Refuge in Idaho with other nesting sites in Wyoming, Montana, Utah, and Alberta. An estimate for this entire population based on a survey conducted in 2004 is approximately 20,000 birds. Winter range for these birds includes southwestern New Mexico, mainly the area surrounding Bosque del Apache National Wildlife Refuge, the Sulphur Springs Valley and northern Mexico.

The Mid-Continent population, estimated to be 500,000 birds, includes three subspecies: the “lesser” Sandhill Crane, Grus canadensis canadensis; the Canadian, Grus canadensis rowani; and the “greater,” Grus canadensis tabida. The nesting range of this population includes central and northern Canada, Alaska, and northeastern Siberia. The population overwinters in Oklahoma, Texas, New Mexico, southeastern Arizona, and northern Mexico. The Sulphur Springs Valley usually has around 30,000 cranes each winter. This number is based on an annual survey conducted by the Arizona Game & Fish Department. The 2008 Sandhill Crane count completed in January recorded the highest total ever at more than 36,400 birds.

Natural History of Sandhill Cranes

Sandhill Cranes usually begin nesting at about four years of age. First- and second-time nesters are not as successful as older birds. Nests, consisting of mounds of vegetation, are usually located in shallow marshes or wet meadows. Cranes usually lay two eggs, but it is unusual for a pair to raise more than one young per year.

During a period of rapid growth the young birds feed primarily on animals they can catch in the shallow water or adjacent uplands. During an average year, young-of-the-year birds comprise about 10 percent of the fall population.

The cranes begin to congregate in late August at pre-migration staging areas; migration to wintering areas begins in September. Cranes typically migrate in a few long, high-altitude flights, staying at traditional stopover sites. Major stopovers include the Platte River in Nebraska for the Mid-Continent population and the San Luis Valley in Colorado for the Rocky Mountain population.

The Sandhill Cranes begin arriving in Arizona in late September and remain until the middle of March when their return migration to nesting areas begins. Wintering areas selected by cranes feature shallow-water roosting areas with low or no vegetation. The Willcox Playa and Whitewater Draw offer excellent roosting areas. Cranes typically overwinter in areas close to fields, with a preference for harvested fields of corn or other grain crops. The cranes leave their roosting areas in early morning, usually around sunrise, and fly to feeding areas where they spend three to four hours.

After feeding, the birds fly to loafing areas, which may be the night roost site, other wetland areas, fallow fields or simply desert grassland areas. Sometimes the cranes return to feeding areas in the afternoon for an hour or two, but the afternoon feeding flight is much more variable than the morning flight. From near sunset until virtually dark, cranes return to their roosting sites.

Sandhill Cranes are overall gray in color with black feet, legs and bill, and a dull red patch of skin on the forehead. In flight, blackish primary feathers can be seen. Some cranes may stain their body and wing feathers a rusty brown by preening mud containing ferric oxide into their feathers. The greater Sandhill Cranes may stand as tall as five feet and their wingspan is an impressive six to seven feet. An adult greater Sandhill Crane normally weighs between 10 and 14 pounds. The Canadian subspecies is slightly smaller and the adult lesser Sandhill Cranes smaller still. The lesser subspecies stand nearly 3.5 feet tall with a six-foot wingspan and weigh on average 6 to 7 pounds. The cranes are a very vocal bird and their loud bugling rattle, kar-rr-o-o-o kar-rr-o-o-o, can be heard more than a mile away.

Where to see Sandhill Cranes

The Sulphur Springs Valley covers an area over 80 miles long from Bonita (north of Willcox) to Douglas (along the border with Mexico). The cranes can generally be seen at four roosting areas within the valley. If you are at one of these locations at least 15 minutes before sunrise you can see the cranes as they depart for the fields. Many cranes also return to these roosting areas between 11:00 a.m. and 2:00 p.m. In the evening, Sandhill Cranes return to their roosting areas around sundown. See the map on page 37 for the best viewing locations.

While foraging, the cranes are generally in fields of corn, milo or alfalfa between 7:30 and 11:00 a.m. and 2:00 and 5:30 p.m. The cranes may be seen in agricultural fields throughout the valley. The feeding patterns are variable and the cranes may feed in one field for several days or may change to fields many miles away from day to day. While viewing cranes in the fields, please respect private property rights and remain on the roadways. Agricultural districts where cranes are commonly observed are:

1. Stewart District: along Ft. Grant Road between Willcox and Bonita
2. Kansas Settlement: along Kansas Settlement road between Robbs Road and Parker Ranch Road, southeast of Willcox
3. Sunsites: along Cochise Stronghold Road and Birch Road, north and east of Sunsites
4. Elfrida: along Highway 191 north of Elfrida
5. McNeal: along Central Highway and Davis Road west of McNeal
### LODGING
#### HOTELS AND MOTELS
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#### BED & BREAKFASTS, COTTAGES AND GUEST RANCHES
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<td>Cottage - Libby Miles</td>
<td>602-549-2775</td>
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<td>Dream Catcher B&amp;B</td>
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<td>Sunglow Guest Ranch</td>
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<td>Triangle T. Guest Ranch</td>
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<td>700 N Virginia Ave, Willcox</td>
</tr>
<tr>
<td>RV for Rent (movable)</td>
<td>602-549-2775</td>
<td>2075 W Big Draw, Cochise</td>
</tr>
<tr>
<td>Sagebrush RV Park</td>
<td>520-384-2872</td>
<td>200 W Lewis St, Willcox</td>
</tr>
</tbody>
</table>

### DINING IN WILLCOX
<table>
<thead>
<tr>
<th>Name</th>
<th>Phone</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Big Tex BBQ</td>
<td>520-384-4423</td>
<td>130 E Maley Willcox</td>
</tr>
<tr>
<td>Bucko’s</td>
<td>520-384-2875</td>
<td>114 S. Railroad Ave Willcox</td>
</tr>
<tr>
<td>Burger King</td>
<td>520-384-9254</td>
<td>1205 W Rex Allen Dr Willcox</td>
</tr>
<tr>
<td>Carter’s Drive Inn</td>
<td>520-384-2277</td>
<td>575 S Haskell Ave Willcox</td>
</tr>
<tr>
<td>Coronado Vineyard</td>
<td>520-384-2993</td>
<td>2909 E Country Club Willcox</td>
</tr>
<tr>
<td>Elks Lodge</td>
<td>520-384-2131</td>
<td>247 E Stewart Willcox</td>
</tr>
<tr>
<td>Willcox IGA</td>
<td>520-384-2502</td>
<td>900 W Rex Allen Dr Willcox</td>
</tr>
<tr>
<td>GMA D’s</td>
<td>520-384-0471</td>
<td>790 N Haskell Ave Willcox</td>
</tr>
<tr>
<td>Hopi Grill &amp; Lounge</td>
<td>520-384-3556</td>
<td>1100 W. Rex Allen Dr Willcox</td>
</tr>
<tr>
<td>KFC / Taco Bell</td>
<td>520-384-4111</td>
<td>728 N Bisbee Ave Willcox</td>
</tr>
<tr>
<td>McDonald’s</td>
<td>520-384-4775</td>
<td>1105 W Rex Allen Dr Willcox</td>
</tr>
<tr>
<td>Pizza Hut</td>
<td>520-384-3586</td>
<td>1001 W Rex Allen Dr Willcox</td>
</tr>
<tr>
<td>Popeye’s Chicken</td>
<td>520-384-5311</td>
<td>1501 Ft. Grant Rd Willcox</td>
</tr>
<tr>
<td>Rodney’s</td>
<td></td>
<td>118 N. Railroad Ave Willcox</td>
</tr>
<tr>
<td>Safeway / Starbucks</td>
<td>520-384-3952</td>
<td>670 N Bisbee Willcox</td>
</tr>
<tr>
<td>Salsa Fiesta</td>
<td>520-384-4233</td>
<td>1201 W Rex Allen Dr</td>
</tr>
<tr>
<td>Subway</td>
<td>520-384-5311</td>
<td>1501 Ft. Grant Rd Willcox</td>
</tr>
<tr>
<td>The Plaza Restaurant</td>
<td>520-384-3819</td>
<td>1190 W Rex Allen Dr Willcox</td>
</tr>
<tr>
<td>TA Truck Stop</td>
<td>520-384-5311</td>
<td>1501 N Ft. Grant Rd Willcox</td>
</tr>
</tbody>
</table>
We are happy to provide exceptional Hotel Services to Wings Over Willcox and year round guests!

- Express Start Breakfast including hot items
- New Flat Screen LCD TV's, Free Business Center
- Parking for trucks & horse-trailers

520-384-3333
www.hiexpress.com/willcoxaz

The Wings Over Willcox Committee and the Willcox Chamber of Commerce & Agriculture appreciate all the wonderful sponsors and volunteers who have donated time, effort and dollars to ensure the success of this years Wings Over Willcox.
2012 WINGS OVER WILLCOX EVENT REGISTRATION FORM

All events are filled on a first-come, first-served basis. Reservations are filled in the order in which they are received. Online registration opens September 1. To register by mail, complete this registration form, enclose full payment, and mail (postmarked AFTER August 27) to Wings Over Willcox, 1500 N Circle I Road, Willcox, AZ 85643. The “Early Bird” registration deadline is December 31. Fees after December 31 are an additional $5.00 per person per event. To receive your tickets by mail, send a self-addressed, stamped envelope with full payment. Please make check or money order payable to Wings Over Willcox. Call 1-800-200-2272 or go to www.wingsoverwillcox.com for tour availability and to register by phone or online.

Name: ________________________ Additional Registrant: ________________________
Address: ___________________________ Phone Number: ( ) _______________________
City: _______________________________ State: ___________ Zip: ___________
Email: _______________________________

Credit Card Payment: Card # _______-_______-_______-______ Expiration: ______ CVVP#: _______
Please check one: __ Visa __ Master Card __ Discover

<table>
<thead>
<tr>
<th>Tour Event</th>
<th>Tour Time</th>
<th>Number of Participants</th>
<th>Tour Fee After Dec 31st</th>
<th>Total Due</th>
</tr>
</thead>
<tbody>
<tr>
<td>WEDNESDAY</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Muleshoe Ranch (overnight)</td>
<td>1:50 p.m. Wed to 4:00 p.m. Thurs</td>
<td>______ X</td>
<td>$100</td>
<td>$105</td>
</tr>
<tr>
<td>THURSDAY</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Daylong Photography</td>
<td>5:50 a.m. – 4:00 p.m.</td>
<td>______ X</td>
<td>$100</td>
<td>$105</td>
</tr>
<tr>
<td>Wining &amp; Dining</td>
<td>10:05 a.m. – 3:30 p.m.</td>
<td>______ X</td>
<td>$100</td>
<td>$105</td>
</tr>
<tr>
<td>Sunset Sandhill Crane</td>
<td>3:50 p.m. – 6:30 p.m.</td>
<td>______ X</td>
<td>$30</td>
<td>$35</td>
</tr>
<tr>
<td>FRIDAY</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Whitewater Draw Sandhill Crane</td>
<td>5:50 a.m. – 10:00 a.m.</td>
<td>______ X</td>
<td>$40</td>
<td>$45</td>
</tr>
<tr>
<td>Daylong Photography</td>
<td>5:50 a.m. – 4:00 p.m.</td>
<td>______ X</td>
<td>$100</td>
<td>$105</td>
</tr>
<tr>
<td>Chiricahua Montane Specialties</td>
<td>6:20 a.m. – 4:00 p.m.</td>
<td>______ X</td>
<td>$85</td>
<td>$90</td>
</tr>
<tr>
<td>Beginning Birdwatching</td>
<td>7:20 a.m. – 9:30 a.m.</td>
<td>______ X</td>
<td>FREE</td>
<td>FREE</td>
</tr>
<tr>
<td>A Naturalist’s Saunter – Ft. Bowie</td>
<td>7:50 a.m. – 4:00 p.m.</td>
<td>______ X</td>
<td>$50</td>
<td>$55</td>
</tr>
<tr>
<td>History of Willcox Playa</td>
<td>8:50 a.m. – 12:00 p.m.</td>
<td>______ X</td>
<td>$40</td>
<td>$45</td>
</tr>
<tr>
<td>Kansas Settlement Agriculture</td>
<td>8:50 a.m. – 4:00 p.m.</td>
<td>______ X</td>
<td>$45</td>
<td>$50</td>
</tr>
<tr>
<td>Eurofresh &amp; Farming</td>
<td>8:50 a.m. – 3:00 p.m.</td>
<td>______ X</td>
<td>$45</td>
<td>$50</td>
</tr>
<tr>
<td>Bowie Area Agriculture &amp; Geology</td>
<td>8:50 a.m. – 4:00 p.m.</td>
<td>______ X</td>
<td>$45</td>
<td>$50</td>
</tr>
<tr>
<td>Flora of Texas Canyon</td>
<td>9:20 a.m. – 3:30 p.m.</td>
<td>______ X</td>
<td>$40</td>
<td>$45</td>
</tr>
<tr>
<td>Beginning Birdwatching</td>
<td>3:20 p.m. – 5:30 p.m.</td>
<td>______ X</td>
<td>FREE</td>
<td>FREE</td>
</tr>
<tr>
<td>Sunset Sandhill Crane</td>
<td>3:50 p.m. – 6:30 p.m.</td>
<td>______ X</td>
<td>$30</td>
<td>$35</td>
</tr>
<tr>
<td>Amazing Arizona Astronomy</td>
<td>5:50 p.m. – 8:00 p.m.</td>
<td>______ X</td>
<td>$30</td>
<td>$35</td>
</tr>
<tr>
<td>Dinner with Ted Floyd</td>
<td>6:30 p.m. – 8:30 p.m.</td>
<td>______ X</td>
<td>$95</td>
<td>$100</td>
</tr>
<tr>
<td>SATURDAY</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Country Breakfast</td>
<td>5:30 a.m. – 10:30 a.m.</td>
<td>______ X</td>
<td>$6</td>
<td>$6</td>
</tr>
<tr>
<td>Daylong Photography</td>
<td>5:50 a.m. – 4:00 p.m.</td>
<td>______ X</td>
<td>$100</td>
<td>$105</td>
</tr>
<tr>
<td>Sunrise Sandhill Crane</td>
<td>6:05 a.m. – 9:45 a.m.</td>
<td>______ X</td>
<td>$30</td>
<td>$35</td>
</tr>
<tr>
<td>Chiricahua Montane Specialties</td>
<td>6:20 a.m. – 4:00 p.m.</td>
<td>______ X</td>
<td>$60</td>
<td>$65</td>
</tr>
<tr>
<td>Southwest Winter Specialties</td>
<td>6:50 a.m. – 4:30 p.m.</td>
<td>______ X</td>
<td>$60</td>
<td>$65</td>
</tr>
<tr>
<td>Daylong Hawk Stalk</td>
<td>6:50 a.m. – 5:00 p.m.</td>
<td>______ X</td>
<td>$70</td>
<td>$75</td>
</tr>
<tr>
<td>Half-day Hawk Stalk #1</td>
<td>7:05 a.m. – 11:15 a.m.</td>
<td>______ X</td>
<td>$35</td>
<td>$40</td>
</tr>
<tr>
<td>Beginning Birdwatching</td>
<td>7:20 a.m. – 9:30 a.m.</td>
<td>______ X</td>
<td>FREE</td>
<td>FREE</td>
</tr>
<tr>
<td>Observación de las aves para Principiantes</td>
<td>7:50 a.m. – 11:00 a.m.</td>
<td>______ X</td>
<td>GRATIS GRATIS</td>
<td></td>
</tr>
<tr>
<td>Half-day Sparrow Seek #1</td>
<td>7:50 a.m. – 12:00 p.m.</td>
<td>______ X</td>
<td>$35</td>
<td>$40</td>
</tr>
<tr>
<td>A Naturalist’s Saunter – Chiricahua</td>
<td>7:50 a.m. – 4:00 p.m.</td>
<td>______ X</td>
<td>$50</td>
<td>$55</td>
</tr>
<tr>
<td>Apache Station Tour</td>
<td>8:20 a.m. – 11:30 a.m.</td>
<td>______ X</td>
<td>$10</td>
<td>$15</td>
</tr>
</tbody>
</table>

(continued on next page)
**WOW Shirt & Water Bottle Order Form**

**SHIRTS:** To ensure your size, pre-order your shirt when registering for the festival.

**WATER BOTTLES:** Pre-order environmentally friendly water bottles when registering for the festival and pick them up at the registration desk.

We will provide water for refilling water bottles, but will not provide the prefilled plastic water bottles. You are welcome to bring your own bottle.

### SHIRTS:

<table>
<thead>
<tr>
<th>Sizes</th>
<th>Small</th>
<th>Medium</th>
<th>Large</th>
<th>XL</th>
<th>XXL</th>
<th>XXXL</th>
<th>Totals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Short-sleeved T-Shirts</td>
<td>$16.00</td>
<td>$16.00</td>
<td>$16.00</td>
<td>$18.00</td>
<td>$18.00</td>
<td>$18.00</td>
<td>$200.00</td>
</tr>
<tr>
<td>Quantity</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td></td>
</tr>
<tr>
<td>Total TS</td>
<td>$</td>
<td>$</td>
<td>$</td>
<td>$</td>
<td>$</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>Color (M or I)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$</td>
</tr>
</tbody>
</table>

| Long-sleeved T-Shirts | $18.00 | $18.00 | $18.00 | $20.00 | $20.00 | $20.00 | $200.00 |
| Quantity | x | x | x | x | x | x | |
| Total LS | $ | $ | $ | $ | $ | $ | $ |
| Color (M or I) | | | | | | | $ |

| Sweatshirts | $20.00 | $20.00 | $20.00 | $25.00 | $25.00 | $25.00 | $250.00 |
| Quantity | x | x | x | x | x | x | |
| Total SS | $ | $ | $ | $ | $ | $ | $ |
| Color (M or I) | | | | | | | $ |

**Water Bottles (with WOW logo)**

<table>
<thead>
<tr>
<th>Price</th>
<th>Quantity</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eco-Aware biodegradable water bottle</td>
<td>x</td>
<td>$5.00 ea</td>
</tr>
<tr>
<td>26 oz Stainless Steel water bottle</td>
<td>x</td>
<td>$10.00 ea</td>
</tr>
</tbody>
</table>

**Subtotal for shirts and water bottles** $ ____

**TOTAL WOW Fees Enclosed** $ ____

---

**SUNDAY**

<table>
<thead>
<tr>
<th>Tour Event</th>
<th>Tour Time</th>
<th>Number of Participants</th>
<th>Tour Fees</th>
<th>Fee After Dec 31st</th>
<th>Total Due</th>
</tr>
</thead>
<tbody>
<tr>
<td>Country Breakfast</td>
<td>5:30 a.m. – 10:30 a.m.</td>
<td>X</td>
<td>$6</td>
<td>$6</td>
<td></td>
</tr>
<tr>
<td>Sunrise Sandhill Crane</td>
<td>6:05 a.m. – 9:45 a.m.</td>
<td>X</td>
<td>$30</td>
<td>$35</td>
<td></td>
</tr>
<tr>
<td>Chiricahua Montane Specialties</td>
<td>6:20 a.m. – 4:00 p.m.</td>
<td>X</td>
<td>$60</td>
<td>$65</td>
<td></td>
</tr>
<tr>
<td>Southwest Winter Specialties</td>
<td>6:50 a.m. – 4:30 p.m.</td>
<td>X</td>
<td>$60</td>
<td>$65</td>
<td></td>
</tr>
<tr>
<td>Southbound Hawk Stalk</td>
<td>7:20 a.m. – 12:30 p.m.</td>
<td>X</td>
<td>$45</td>
<td>$50</td>
<td></td>
</tr>
<tr>
<td>Daylong Sparrow Seek</td>
<td>7:50 a.m. – 3:00 p.m.</td>
<td>X</td>
<td>$45</td>
<td>$50</td>
<td></td>
</tr>
<tr>
<td>Habitat Sampler</td>
<td>10:05 a.m. – 4:30 p.m.</td>
<td>X</td>
<td>$85</td>
<td>$90</td>
<td></td>
</tr>
<tr>
<td>The Story of Dos Cabezas</td>
<td>12:50 p.m. – 4:30 p.m.</td>
<td>X</td>
<td>$35</td>
<td>$40</td>
<td></td>
</tr>
<tr>
<td>Easy Birding Sampler</td>
<td>12:50 p.m. – 5:00 p.m.</td>
<td>X</td>
<td>$35</td>
<td>$40</td>
<td></td>
</tr>
<tr>
<td>Half-day Hawk Stalk #2</td>
<td>12:50 p.m. – 5:00 p.m.</td>
<td>X</td>
<td>$35</td>
<td>$40</td>
<td></td>
</tr>
<tr>
<td>Half-day Sparrow Seek #2</td>
<td>12:50 p.m. – 5:00 p.m.</td>
<td>X</td>
<td>$35</td>
<td>$40</td>
<td></td>
</tr>
<tr>
<td>Banquet &amp; Keynote Speaker</td>
<td>6:00 p.m. – 9:00 p.m.</td>
<td>X</td>
<td>$25</td>
<td>$30</td>
<td></td>
</tr>
</tbody>
</table>

**Tour Event**

**Tour Time**

**Number of Participants**

**Tour Fees**

**Fee After Dec 31st**

**Total Due**

---

**Number of Each Entrée:** Steak, Chicken, Vegetarian

See page 19 for detail of tours.

**SUBTOTAL for Tours & Banquet** $ ______

**Festival Registration Fee (per person)** X $10.00 $ ______

---

**Water Bottles (with WOW logo)**

<table>
<thead>
<tr>
<th>Price</th>
<th>Quantity</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eco-Aware biodegradable water bottle</td>
<td>x</td>
<td>$5.00 ea</td>
</tr>
<tr>
<td>26 oz Stainless Steel water bottle</td>
<td>x</td>
<td>$10.00 ea</td>
</tr>
</tbody>
</table>

**SUBTOTAL for shirts and water bottles** $ ____

**TOTAL WOW Fees Enclosed** $ ____
The Willcox City Council Welcomes you to our community.

The Wings Over Willcox Committee and its many volunteers have worked hard for this event and we support and thank them for their efforts.

Please enjoy your stay and our excellent birdlife.

City of Willcox
City Hall - 520-384-4271
101 S. Railroad Ave., Willcox, AZ 85643
www.willcoxcity.org

EXPRESS
Southeast Arizona’s Birding at its Best
AUGUST 15–19, 2012 • TUCSON, ARIZONA
Incorporating the Sky Islands Birding Cup
ARIZONA’S NEW WORLD-CLASS BIG DAY BIRDING COMPETITION

Photos: Montezuma Quail (Robert Shantz), Empress Leilia (Ned Harris), Red-faced Warbler (John Hoffman), Five-striped Sparrow (Rich C. Hoyer / Wings), Flame-colored Tanager (James Prudente), Gray Hawk (James Prudente), White-eared Hummingbird (Lori Manowitz), Elegant Trogon (Dominic Sherony), Sonoran Desert landscape (Larry Liese)
Staying home can be nice, but...why not explore the world!!

Nature & Birding:
Alaska, Guyana, Costa Rica, Panama, Honduras, India, Ecuador,
SE Arizona, Texas, Yellowstone, Utah, Jamaica, Australia,
Galapagos and Kenya

Sampler:
Tallgrass Prairies, Oregon Coast & Klamath Basin, California, Patagonia (Chile & Argentina), Canadian Maritimes, Montana: Grasslands to Glacier, Badlands & Black Hills

Hiking:
Washington/Idaho, Costa Rica, Utah,
Arizona, Michigan’s Isle Royale

SEAZ & SW New Mexico: Portal & Rodeo
Discover the Chiricahuas, Peloncillos & fascinating lands in-between!
Birding/Botany/Butterflies/Hiking/Geology/Arcology & more...
Join a scheduled walk or design a custom day or multi-day outing.
Individuals * Small Groups * Families

Incredible biodiversity: Mexican Chickadees - Red-faced Warblers - Elegant Trogons - Olive Warblers - Buff-breasted Flycatchers & more!

Explore the Mountains in Summer, Grasslands & Deserts in Winter.
Great lodgings close to nature: motels, cottages & B&B’s.

TOP 25/adventure Travel Companies by National Geographic Adventure Magazine

$100 Discount for Wings Over Wilcox Participants!
BOOK a Great Getaway today!
P.O.Box 16345, Portal, AZ 85632 Tel: (520) 558 1146 Toll Free (866) 900 1146 info@naturalistjourneys.com www.naturalistjourneys.com

WINTER is A GREAT TIME TO BIRD THE KLAMATH BASIN
February 17–19, 2012

Keynote Speakers:
Naturalist Kenn Kaufman
and Photographer Darrell Guilin
Flyouts • Field Trips • Workshops
Mini-Sessions • Canon Photography Events
Free Family Activities • Great Receptions

Register on-line at www.WinterWingsFest.org
or contact the Festival Registrar at (877) 541-2473.
AEPCO’s Wildlife Viewing Area located near the Apache Generating Station in Cochise, Arizona, attracts many species of wildlife, including native and migratory waterfowl.
ACKNOWLEDGEMENTS