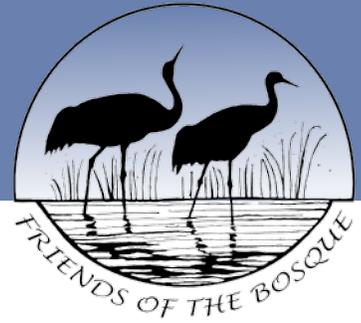


BOSQUE WATCH



Volume 21, Number 2, April 2014. Editor: Lise Spargo. Graphic design: Robyn J. Harrison. *Bosque Watch* is published quarterly by the *Friends of the Bosque del Apache National Wildlife Refuge, Inc.*, P.O. Box 340, San Antonio, NM 87832. friends@sdc.org; www.friendsofthebosque.org 575-838-2120.

...WITH HELP FROM OUR FRIENDS

With heartfelt thanks, the Friends of Bosque del Apache and the refuge staff would like to acknowledge the recent generous gift from Judge Donald R. Myers. His gift has been allocated for the purchase of a Langemann water control gate. This gate will provide a much-needed upgrade to the water control system at the refuge. Don, an avid birder, is a long time member of the Audubon Society, and he has made this donation in honor of his father and mother, Ruth E. and A. Ray Myers.



As you might guess, there is really only one topic of conversation at the refuge this spring and that is water. After a dry winter and reduced snowpack, Bosque del Apache NWR is bracing for the coming fire season and, by all accounts, even less water for summer wetland development and wintering birds than received in 2013. To meet annual needs the refuge maintains three seasonal irrigation ditches, one year round delivery ditch, and twelve groundwater wells that feed both the wetland habitat which is so critical to the wintering birds, and the agricultural land which provides additional food for the water fowl. At present the refuge is accomplishing this with 'screw-gates' and an irrigation infrastructure that is old, outdated and subject to failure. The ageing screw-gates, which moderate the pressure of water behind the structure with outflow from the bottom of the gate, are effective but can be easily blocked by trash and debris resulting in costly damage to structures, roads, and ditches.



Screw-gate



Langemann gate

The refuge has in place a long-term plan to upgrade the system by removing existing structures and replacing them with AquaSystems "Langemann Gates." Langemann Gates pass water over the top of the diversion gate creating consistent positive pressure behind the structure. Powered by solar electric motors, these self-cleaning gates largely eliminate debris blockages, reducing staff time required to monitor, clean, and repair these structures. In sum, each Langemann gate creates a mini dam of water pressure that effectively and efficiently moves water to the wetlands in a way that far exceeds the capabilities of the current system.

Unfortunately, these new gates come at a cost that cannot be easily met given the decline in the refuge budget over the past few years. Each Langemann gate comes with a price tag of about \$50,000 and the refuge system will need up to six of these units to maintain 2,300 wetland and 1,200 agricultural acres on the refuge.

The addition of even one gate is of enormous value to the refuge, and the generosity of people like Don cannot be more welcome than now as the refuge works to maintain crucial wetland habitat in the face of diminishing natural and financial resources.



Don Myers and his wife Susan, another outdoor enthusiast



FROM THE EDITOR

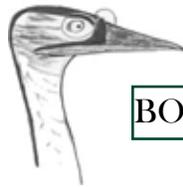
Spring came early this year and, heeding the call, the sandhill cranes and light geese made their departure a week or ten days ahead of their usual departure time. The ducks seem to have their own timetable and there are still quite a few lingering on the ponds.

Despite an unexpected snow fall in November, the rest of the winter remained dry and the skimpy snowpack up north does not bode well for those down stream, like the refuge, that depend on the Rio Grande for summer irrigation. However, if you like ambiguity and contradictions you should be enjoying yourself this spring trying to figure out what our weather patterns are going to be for the coming growing season. Rumor has it that there is an El Niño building in the Pacific that might bring us a decent monsoon, but the refuge staff is not putting their eggs in that basket just yet. Seven years into this drought cycle, even if the 2014 monsoon matches last year's, we expect reduced river flow, which is why things like the new irrigation gates highlighted in this issue are so critical.

The additional 4 percent funding added to the Fish and Wildlife budget this year was an unexpected surprise that, at the least, ended the downward trend of recent years. That said, spread across all the national refuges, it will do little to lift our refuge budget out of the hole it is in now. The new irrigation gates are expensive and water

is scarce so it lifts my heart when folks like Don Myers and wife Susan step forward and provide such a generous and critically important gift to the refuge. Everyone at the refuge, the staff, the volunteers, the Friends, work long hours stretching every bit of funding, every resource to meet the needs of the refuge. But sometimes, as the old song says, we can only "get by with a little help from our friends."

--Lise Spargo



BOOK REVIEWS

A Field Guide to the Plants and Animals of the Middle Rio Grande Bosque

Catron, Jean-Luc, et.al; 2008, University of New Mexico Press, \$21.95

When we think of the Bosque, the first thing that comes to mind are the birds - specifically, the sandhill cranes. But, the "bosque" is far more than just birds; it is a unique and robust riparian ecosystem of the Rio Grande River stretching from Cochiti Dam to Elephant Butte Dam.

To explore and understand this critical part of central New Mexico is a marvelous experience in nature. One of the best guides to take us beyond just birds is this offering from UNM Press, covering everything from invertebrates and vascular plants to the charismatic megafauna such as elk. More than 700 plants and animals are described with accompanying color photos.

The guide is organized in color-coded sections for each of the major categories needed to explore this diverse area. Each section contains a short overview explaining the category and includes diagrams to help explain important features of the plants or animals depicted in the guide. Two glossaries are included, one for the plants and one for the animals, together with places to explore and access points to the bosque.

All of the proceeds from this book support the environment; our retail sales support the Refuge and the wholesale proceeds are used to buy copies for schools and environmental education programs. So, whether you are an avid birder or an occasional hiker in the Bosque, this guide will round out your understanding of the Middle Rio Grande environment.

Sandhill and Whooping Cranes: Ancient Voices Over America's Wetlands

Johnsgard, Paul A.; 2011, University of Nebraska Press, \$12.95

Our first experiences with cranes evoke the grace and beauty of these wonders of nature, followed shortly by many questions about their history and lives. When we seek more information about the cranes, it is often difficult to find clear and accurate answers to help us understand them. Most of us don't have the time or resources to research journals for the real facts about cranes, so we're often left with over-simplified coffee table books or fanciful myths. It would be nice to have something in between and Paul Johnsgard provides it.

Ancient Voices is from an unabashed crane lover who for more than 50 years has been watching, following, researching and advocating for cranes. The book is an update to Crane Dance, his 1991 book on the cranes, which is now out of print. Along with many anecdotes about the cranes and their lives, Professor Johnsgard accurately summarizes the technical language of many studies about North American crane populations, migration, reproduction and communication. Told in clear, readable prose, he translates the accurate, but very dry information from scientific studies into a fascinating read. Professor Johnsgard isn't just an armchair researcher, though, and his books are full of first hand insight gained by traveling across North America to observe and experience the cranes.

When you have finished reading, the book has dozens of references, suggested reading and a lengthy list of crane viewing sites in the U.S. and Canada. If you are ready for the next step in crane knowledge, this is a great, readable, and quick resource.

--Tom Anderson

(Editor's Note: Tom and his wife Sandy are FWS volunteers who have been 'wintering' this year at the refuge.)



ARTIST PROFILE: GARY HUTCHINSON

(Editor's Note: If you have visited the Nature Store recently you will have noticed an increasing number of items from local artists and crafts people. To help you better know these talented people, Kim Royle, our Nature Store Manager, is providing background information on these folks which we hope to continue provide to you in future issues of Bosque Watch.)

As Gary told us...

For 24 years I taught metalworking in New Mexico at Clovis High School in Clovis, Manzano High School in Albuquerque, and also at Oak Grove High School in San Jose, California. Even though I had an interest in art metal, my primary purpose was teaching industrial applications. When metal shops in California began to be phased out, I was given an opportunity to teach graphic arts. Because we had very little equipment, I used my metalworking skills to build several items including a four-color screen printing press. After eight years of teaching creative skills in graphics, I was asked to teach photography. Teaching black & white and color photography for five years and having my own personal dark room at home gave me an opportunity to see things differently. Even though this was very enjoyable I felt it was time to make a change and retired after 37 years.

Hutchinson at work in his studio

I moved to Monterey, California, as I had always wanted to look out of my front window at the ocean. Growing up in Clovis, NM had not given me this opportunity.

I had always wanted to do art metal work, so I started taking classes at Monterey Peninsula College. For a junior college the faculty and facilities were outstanding. During this five year period, I started applying my metalworking skills and using the equipment I had built and acquired. I began to create some interesting art pieces. Some I have kept, but the majority I gave to family and friends. I began to consider selling it.

The high cost of living in California plus the desire to return to my roots as well as to be near my family, prompted me to sell. Wanting to have space in a more laid-back setting made Peralta, NM, a good choice.

I had always enjoyed metal casting, so I built a foundry furnace and a ramming cabinet with all the necessary tools. I started sand casting pewter and aluminum into art items. Seeing the beautiful sandhill cranes every day in the winter in my area, prompted me to make sculptures of them. I also started making jewelry items related to rock art of the cranes as well as other birds and animals of the southwest.

Becoming a member of Tome Art Gallery, located here in the area, selling at art shows, and at the Nature Store at Bosque del Apache has been very satisfying.

A Story Too Good to Check

(Editors Note: Erv Nichols and Sandra Noll are long time volunteers at the refuge. Erv submitted this story in response to the request for submissions to Story Board, and although it wanders a bit from the Bosque, as the Journalists' saying goes, this was a story that was too good to check.)

ERV'S STORY

I think anyone who has a passion for something can relate to the fact that at times it can be all consuming, blocking out other concerns both good and bad and focusing all your being on whatever you are pursuing. Mine is and has been, since I was 18, (I was 18 once) photography, creating beautiful pictures, admiring others who did the same and especially, sharing the wonders of nature with anyone who would look at it through my eyes. Most often my reward was "Hey, that's a great picture!" I eked out a living for many years taking pictures for others, but my heart was always in the woods, or the desert, or the mountains, wherever there was open space

Since meeting Sandra at Bosque del Apache seven years ago, we have together developed a new passion, chasing birds. For me it had always been secondary to my photography. Though getting good, sometimes great bird photos is rewarding, it has never been "The Bird" I was after, it was the photo. Sandra's interests have always gone in a slightly different direction. Although she has developed into an excellent photographer--in no small part, I must say, with guid-

ance from yours truly--her passion is "The Bird." She cares not for F-stops, shutter speeds, zones or any of the other details I have spent 52 years developing (photographer's pun). Nevertheless, we have found that a good part of our life together revolves around these two things and we are happy with it.

This winter we were on a trip to as many of Arizona's birding spots as we could cover, a trip which one day brought us to Ramsey Canyon, one of the Sky Islands that rises 8000 feet out of the desert floor. With hopes of some good pictures of the beautiful riparian scenery, I was armed with my iPhone, mini iPad, and a brand new camera with an outrageously long zoom lens and features that could have landed astronauts on the moon. I could almost hear my mentor Ansel Adams groaning with envy as I turned it on and we started up the canyon. Sandra however was focused on one thing, finding the Elegant Trogon, a bird rarity that would top anyone's life list.

We always start these hikes together, but as often happens, I drifted off to investigate an unusual tree or rock while she was scanning the skies in search of birds. This was Trogon country and while any bird will raise her spirits, for five days at half a dozen places luck was not with her. Well, on this day luck was not with me either. We stumbled on a herd of deer, all ages, handsome does, gangly yearlings and proud alert bucks -- all set against an early morning sun. I quickly clicked off fifteen pictures and my computer with a lens said "time to change the batteries." Frustrating, but no problem really.

Amongst the first aid kit, warm hat and gloves, water bottle, snacks and lunch in my pack there are ALWAYS four to eight AA spares. Not today. I found three AAA's, useless for anything I own...what were they doing there? And where the hell were my backups? As Sandra continued to shoot, I hoofed it a quarter mile back to the visitor center in a rapidly deteriorating mood to buy some. Why me? I'm ALWAYS prepared; I ALWAYS have what I need on a hike from first aid to fresh fruit, lessons I learned in my Search and Rescue days.

Before I got to the visitor center I was feeling so sorry for myself I thought there must be a lesson to learn here. I was getting strong vibrations that they would not have what I needed which meant that I would have to face the day without my extra appendage. There would be no pictures to show and have everyone tell me how great I was. Sure enough, "I'm sorry we do not carry batteries" was the answer. So, I decided, screw it I'll just enjoy the day in my head. I left all my gear in the car, locked it and headed out lighter in load and heart.

As I walked back up the canyon new feelings came over me, like, yes, this is a lesson. Forget all your toys and enjoy the sun on your face, the brisk air, the wonderful sycamores over the gently flowing creek, the deer cautiously watching my every move, the gift of being alive in a magical place called Nature. And I did. Soon I saw a bigger than usual smile on Sandra's face as she stood on a little bridge over the creek. She gave me a thumbs up and as I approached I said, "You must have got some

great shots to be smiling like that.” She quietly put her finger to her lips and said, “Look,” pointing to a nearby tree. There, sitting on a branch among the thousands of acres of forest and tens of thousands of trees, looking back at me and watching my every move, was an Elegant Trogon.

--Erv Nichols



Photos courtesy of Sandra Noll!



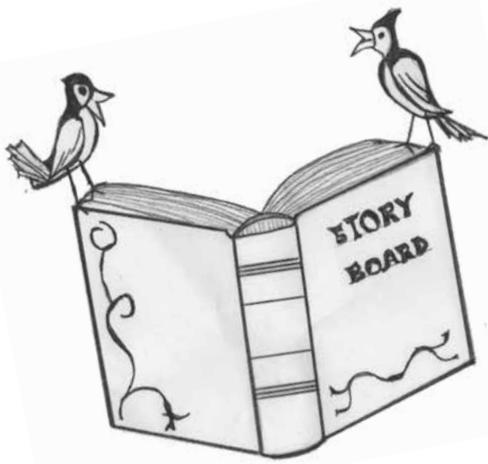
Finances: January was a very good month. The Nature Store did 40% more business than the previous year. Things slowed down a bit in February but the Friends have received several substantial donations and overall Friends income is significantly better than this time last year. As reported at the Board meeting in January, the annual audit of the Friends finances and accounts is complete and there were no material findings. Several of the Friends investment accounts had come to term in January, and the Board voted to use some of these funds to reroof the Friends House, in keeping with our attempts to maintain the integrity of this historic building. The leaky roof was becoming increasingly problematic. A local firm was subsequently hired with approval from the refuge and as of this writing we now have a new roof over our office spaces.

Library Project: In March, the Board voted to provide funds for shelving in the Biology Annex for the new research library. Plans were developed and subsequently approved by the refuge and the work by a local contractor was begun in March. Our part time librarian Rachel Minnaar estimates that she will soon have about 60 archive boxes to put on the shelves as well as several hundred hard-bound books and journals.

Education: Andrea Brophy, our education officer, will be returning to the San Antonio school this fall after taking some maternity leave. The Friends are working with the refuge to develop some new educational “messages” which reflect the refuge’s current programs and development plans.

Development: In March, the Board voted to provide funding for some additional software to augment the Cvent program now being used to manage Festival registration and the Friends membership database. This software should enable us to keep better track of our membership and donations and keep members informed about Friends activities and volunteer needs.

Organizational Changes: Members of the Board are currently revising our personnel manual to better reflect employment issues and management policies given recent changes in things like health care.



MARY'S STORY

Three and a half years ago my partner and I sold everything we owned, bought a motor home and set out to see the USA. Our goal was to volunteer at least once in every state and to learn as much as possible about the area we were living in. When the opportunity to volunteer at Bosque del Apache appeared we accepted. Our friends were shocked that we would come here to live and work. Since I was a child I have been terrified of birds! This is something I have tried to get over but to no avail. I was determined not to let this ruin a chance to live and work in the

premier birding and wildlife refuge in the country, but needless to say I was nervous.

I work with the maintenance department and my main job is to mow corn in the mornings to feed the sandhill cranes. After several weeks in the field I realized the cranes were happy to see me, or at least the tractor. As I worked with biologists John Vradenburg and Ashley Inslee, learning about the birds and their behavior and seeing how deeply they care for the cranes and all the wildlife here at the refuge, I began to see the cranes not as a threat but as beautiful creatures. To my surprise, I began to care about them and feel sadness when I would see one that didn't survive the cold winter night. I think it would be impossible to work with the biology department and not see the birds as beautiful animals worthy of being admired.

The biology staff wanted all of the volunteers to have the opportunity to participate in a hands on birding adventure so they planned a morning for us to work with them band-

ing ducks. We were taught how to hold each bird, band their leg and then get weight and wing measurements. I went, not sure if I could participate, realizing that seeing them at a distance and holding them were totally different experiences. Ashley handed me my first duck. I was scared but so amazed that he was so soft and had such beautiful eyes. By the end of the morning I had banded eight ducks, naming each one of my feathered friends before letting them take flight back into the water and to freedom.

It is sad and lonely now to see the empty fields that were so full of dancing happy cranes since they have started their migration back north, to raise their family before returning again next year to Bosque del Apache. It is also our time to migrate to another state and another park but I will carry my experiences at Bosque del Apache with me forever.

Editors Note: Mary Stumpp, a volunteer with the Fish and Wildlife Service, has just finished her first visit to Bosque del Apache. We hope her experiences here will bring her back to the Bosque again. Have you got a story? Can you remember the first time you visited the refuge? Can you recall how you felt the first time you saw a cloud of snow geese leap into the sky? What's the most interesting animal you have seen at the Bosque? What was the impact on your children or grandchildren when you first brought them to see the cranes? We would like to hear your stories. All stories will be added to the Friends History Archive and with permission, printed in future issues of Bosque Watch.)



Photo courtesy of Marvin DeJong



PHOTO OPS

The spring migration is on, a season that greens up the Bosque del Apache and brings to us critters of many colors.

The Laura Jean Deal Desert Arboretum (usually referred to as the cactus garden) is worth many a visit during Spring and Summer. The garden, just west of the parking lot, was opened eleven years ago as a living tribute created by veteran volunteer and Friends' member Percy Deal, along with many others, in memory of his late wife. Recent renovations (after some destructive winters a few years back) have been a pet project of Friends' President Lise Spargo. Apart from the plants and flowers that are blooming this season, the wildlife that frequents the garden provide interesting photo opportunities. Examples are hummingbirds having sips at claret cups, spiny lizards trying to ward off competition for territory, verdins nesting, packrats collecting treasures, and flycatchers looking for lunch. You'll hear the Gambel's quail calling, and later in the season, parents will be guiding beavies of their chicks around the grounds.

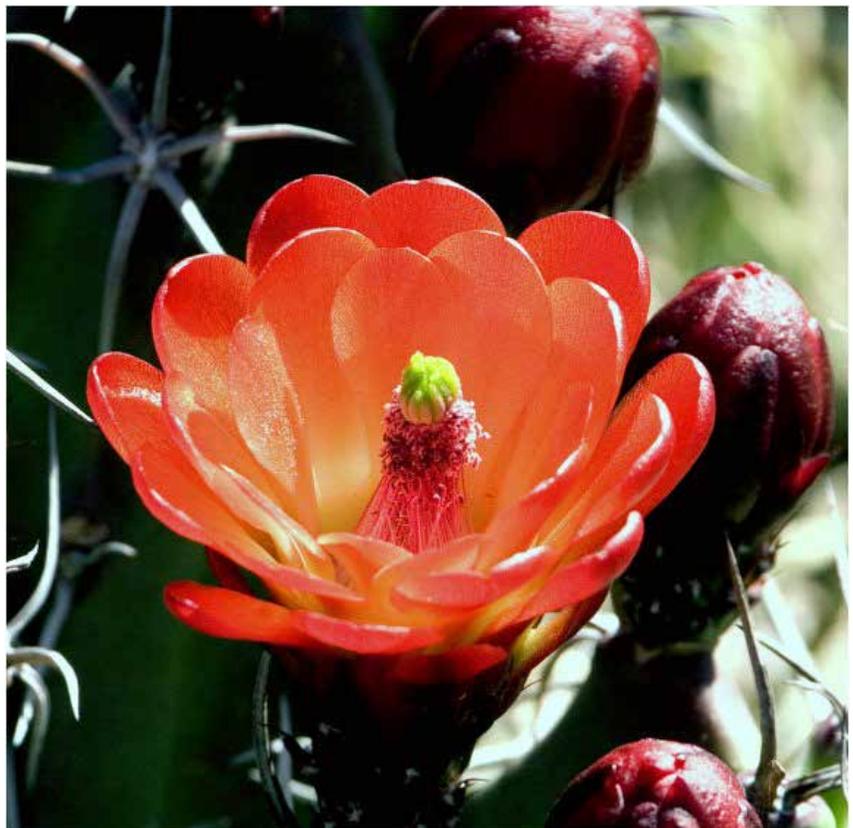
From April until the end of September, the seasonal road located next to the Eagle Scout deck is open. Depending on the availability of water, what you see will vary. You may find shorebirds like



Spiny Lizard

Wilson's phalaropes, black-necked stilts or American avocets probing shallow water, and vermilion flycatchers darting through the trees, both the dazzlingly brilliant red males and their pastel but equally beautiful mates. Warblers and tanagers fly through wet and wooded areas that are also dotted with vireos, pewees and gnatcatchers. The ponds and ditches may host green herons or egrets and great blue herons. Many of the ducks that are resident in winter have departed but others like cinnamon teal return in late winter and stay for some months, often through Spring.

Claret Cup





Canada goose and goslings

Pied-billed grebe



Note: the colored versions of these photographs are spectacular! See them at friendsofthebosque.org

Wilson's phalarope (female)



Check the Marsh Boardwalk at different times of the day for migrating pelicans (early Spring and then as Fall approaches), pied-billed grebes, American coots, soras, and night herons. Among the rarer warmer -weather residents, look for Virginia rails and least bitterns and also for unique birds, like last July's rufous-necked wood rail. We've crossed our fingers for its return!

While eagles and many hawks will



Cinnamon teal

have flown north to their nesting grounds, the Swainson's hawk, a relative of red-tailed hawks and similar in size, should be arriving at the Bosque around early April after a long trip from Argentina. When you spot a larger hawk, use your binoculars to check for their differences.

Wood Peewee



Swainson's hawk



Spring is a good time to be at the Bosque del Apache and a season full of surprises. We hope to see you there!

Do you have any questions or some photos you'd like to share? Contact us at [*bosquebirds@gmail.com*](mailto:bosquebirds@gmail.com)

--Ingrid and Kumar

The Friends of the Bosque del Apache National Wildlife Refuge is a registered 501 (C) (3) nonprofit corporation incorporated in New Mexico. The Friends promotes appreciation and conservation of wildlife and habitat through environmental education and natural history experiences at Bosque del Apache National Wildlife Refuge.

BOARD OF DIRECTORS: OFFICERS

President: Lise Spargo
lisespargo@aol.com

Vice President: Jerry Goffe
jgoffe20@comcast.net

Secretary: Sonja Mendoza
lanshark@sdsc.org

Treasurer: Jill Buckley
jill.buckley@prrc.nmt.edu

DIRECTORS-AT-LARGE

Ann Davidson Adams
ann.d.adams@comcast.net

Ann Hodges
annlhod@gmail.com

Cheryl Learn
clearn@unm.edu

Matthew Mitchell
riobirdsmitch@gmail.com

Paul White
mlpcwhite@gmail.com

FRIENDS STAFF

Executive Director

Leigh Ann Vradenburg
575/838-2120
friends@sdsc.org

Nature Store Manager

Kim Royle
natstore@sdsc.org

Environmental Educator

Andrea Harris Brophy
friendsee@sdsc.org

Festival Coordinator

Michael Hanauer
festival@sdsc.org

BUSINESS SPONSORS

(Annual contributions of \$200 or more in cash or in kind)

BirdSongGallery.com

Art & Photography
PO Box 433
Ranchos de Taos, NM 87557
www.birdsonggallery.com

Casa Blanca Bed & Breakfast

13 Montoya St.
PO Box 31
San Antonio, NM 87832
575/835-3027
casablancabandb@hotmail.com
www.casablancabedandbreakfast.com

Don Boyd Photography

704 Fitch Ave.
Socorro, NM 87801
575/202-5971
dwodonb@aol.com
www.donboyd.com

Emergency Management & Safety Solutions

Regina Phelps
260 Whitney St.
San Francisco, CA 94131
www.ems-solutionsinc.com

Jerry Goffe Nature PhotoWorks

3108 Monte Vista Blvd. NE
Albuquerque, NM 87106-2118
505/385-3333
Naturephotoworks.com

Judith Roderick

Hand Painted SILK
72 Overlook Drive
Placitas, NM 87043-8907
505/867-0067
rainbowpainter@comcast.net

Lanford Livestock LLC

HC 30 Box 156
Truth or Consequences, NM 87901

Mary Ann Brewington, Inc.

11800 Arroyo de Vista NE
Albuquerque, NM 87111
mabrewington@msn.com

Rio Abajo Antiques

PO Box 159
San Antonio, NM 87832
575/835-2872



SDC Internet

722 N. California St., Suite 4
Socorro, NM 87801
575/838-1620
www.sdc.org

Vertu Arts

Prescott & Georgette Grey
505-264-0045
www.vertuarts.com

Wild Birds Unlimited

7200 Montgomery Blvd. NE #G-3
Albuquerque, NM 87109
505-883-0324
albuquerqueeast.wbu.com

DONORS & MEMORIALS

Individuals/Organizations contributing to the Refuge and/or Friends between January 1, 2014 and March 11, 2014

DONORS

A-1 Quality Ready Mix, Inc.
Holly Auten
Avelina Bardwell
Anne Clark
Jerry Conn
Ernest Dorko
Fonda Hivick
Judy & Ted Howells
Ellen LaPenna
Barbara Larson
Doug May
John M. McQuillan
Timothy Peterson
Robert Rivera
Santa Fe Seniors Activity Corporation
Paul & Margaret White

MEMORIALS

Tish Hardwick by Patrick &
Jill Buckley
Kaerl Sloan by Patrick & Jill Buckley
John P. Taylor, Jr. by Mike &
Cassandra Caldarella

LEGACY CLUB

Those who have designated the Friends in their will or have made a life-income gift
Sylvia Koerber
Maxine Johnson

The Honorable Donald R. Myers
Dave & Luween Smith

SUSTAINING MEMBERSHIPS

*Memberships opened or renewed between
January 1, 2014 and March 11, 2014*

Special Friends (\$60 - \$99)

Keith Banks
Karen Bailey-Bowman
Kay M. Condiss
Cam, Susan, Suzanna, Genny Duncan
Tom Hinson & Diana Tittle
Carol Kaemper
Ruth McKee & Ron Harper
Faith, Thomas, Fiona, Lyrana Hughes
Sally & Hugh Jameson
Raymond Laible
Nancy Lehrhaupt & John Oberhausen
Katrina Martich & Ed Gill
Patti & Phil McLain
Susan Radcliffe

David & Tracey Raymo
Carol Richards
Susan Richards & Rex Myers
Jim & Mary Ruff

Best Friends (\$100-\$499)

Anne Beckett
Garland D. Bills
Joe & Lois Cancellare
Michael Cole
Nancy Crutchfield
Robert Disch & Melinda Chandler
Carole Dobbie
David Espy
Pat & Walter Farr
Chuck Freeman & Lynn Olinger
Jana George
David Hanson
Marylin & Warren Harkey
James Hickerson
Judy & Ted Howells
Mac & Catherine Lewis

Sara Lind
Ron & Joy Mandelbaum
Burton & Pamela McKenzie
Helga & Abraham Mendoza
Bob & Judy Merhar
Pat & Kim Morgan
Judy Mosher & Marylou Butler
Daniel Mulcahy
Insu Nuzzi
Jerry R. Oldenettel
Joseph & Catherine Pope
Laurel Richardson
Richard W. Sandford
Karen Smith
Dan & Anne Taylor Tack
Robert & Michelle Thomsen
Greer Warren

Lifetime Members

Odile Burton & Jeff Ferris
Larry & Liz Kuo
Pat Tuckwell & Bill Muehl

**Saturday
May 3rd**

**8:30am - 1:30pm
Bosque del Apache National
Wildlife Refuge**

**Boys & Girls
Ages 5-15
(with adult chaperone)**

**FREE shirts
and prizes for
all registered kids!!**

**FREE lunch
for kids and
chaperones!!**

**Register at
575-835-2120
or
friends@sdc.org
(Registration limited to
48, so sign up early!)**

Field Day!



- ★ ARCHERY
- ★ DUCK IDENTIFICATION & CALLING
- ★ OUTDOOR PHOTOGRAPHY
- ★ COMPASS COURSE





NON PROFIT ORG
U.S. POSTAGE
PAID
ALBUQUERQUE, NM
PERMIT NO. 1453

e-mail: friends@fdc.org

PO Box 340
San Antonio, NM 87832

To see color versions of the photos
in this newsletter, go to:
www.friendsofthebosque.org

SPEAK UP!

Government decisions determine the fate of the Bosque del Apache. You can help by letting key decision makers know how you feel about the Refuge and other natural resource issues.

PRESIDENT BARACK OBAMA

The White House, Washington D.C.
202/456-1111 President@WhiteHouse.gov

US Fish & Wildlife Regional Director

500 Gold Avenue SW
Albuquerque, NM 87102
505/346-2545

Hon. Sally Jewell

Secretary of the Interior
18th & C Streets NW, Rm. 6151
Washington D.C. 20240 202/208-7351

NEW MEXICO SENATORS

Hon. Martin Heinrich

US Senate, Washington D.C. 20510
202/224-5521
website: heinrich.senate.gov

Hon. Tom Udall

US Senate, Washington D.C. 20510
202/224-6621
website: tomudall.senate.gov

NEW MEXICO REPRESENTATIVES

Hon. Michelle Lujan Grisham

House of Representatives
Washington D.C. 20515 202/225-6316
website: lujangrisham.house.gov

Hon. Ben Ray Lujan, Jr.

House of Representatives
Washington D.C. 20515 202/225-6190
website: lujan.house.gov

Hon. Steve Pearce

House of Representatives
Washington D.C. 20515 202/225-2365
website: pearce.house.gov

Friends of the Bosque del Apache

Membership Application

Name _____

Family Members (for Family Membership) _____

Street _____ City _____ State _____ Zip _____

Phone _____ Email _____

- I want to hear about volunteer opportunities at the refuge.
- I want to receive emails (<2/month) about current events and issues at the refuge.
- Please contact me about planned giving.

Please mail with your check to:
Friends of the Bosque del Apache
PO Box 340
San Antonio, NM 87832

Membership Level:

- Individual \$20
- Family \$25
- Student \$15
- Senior \$15
- Special Friend \$60 or more
- Best Friend \$100 or more
- Lifetime \$1000 or more
- Business Sponsor \$200
- I want to receive the newsletter electronically.

Shop -- Renew -- Donate ON LINE www.friendsofthebosque.org