

Bosque Notebook



Some see the refuge and wonder why?
We see the refuge and wonder, why not!

Volume 13 Number 5

Published by the Friends of the Bosque del Apache

July–August 2006

Armendaris Ranch Fund Raisers Announced

There are two fund raising events in the works on the Armendaris Ranch south of the Bosque: an oryx hunt and a trip to its unique bat caves. Proceeds will be used to build a new deck in the south end of the refuge.

The oryx hunt will be awarded to the winner of a raffle. There are only 100 tickets, each selling for \$250, available. If you win but don't wish to go on the hunt, you can transfer the prize or donate it for another fund raiser.

There will also be two trips to the bat caves on the ranch, which house the second largest population of Mexican Freetail bats in the United States.

They stream out of the caves from dusk until long after we depart. You will see Swanson Hawks feasting on the wing. We will have a light dinner on sandwiches, desserts and drinks as we watch the show. The bat tours will be divided into two weekends of about 50 people each. These dates are the first and second Saturdays in August.

The Festival of the Cranes, Too

Planning to attend the Festival of the Cranes this year? Hotel rooms can be at a premium but this fall there will be two new motels: a new Holiday Inn, with the old one converted to a Best Western, and a new Comfort Inn. Make you plans now. Check the Friends of the Bosque website for Festival updates. It will go live in early August.



Patrick Lannan cuts the ribbon to open the Christina Ann Lannan Educational Annex. The new facility adds 2,000 square feet to the visitor center at the refuge. A new entrance to the center passes through an airy lobby directly from the parking lot. The Friends store was also upgraded as part of a move to the old auditorium.

Notes from the Nature Store

Lannan Center & Store Are Open

SIGH OF RELIEF ... THE moving, packing, deconstruction and construction are over. Thank you to all the volunteers and staff for boxing and moving merchandise and your patience with the whole process. Special thanks to the Maggie O'Connell and Leigh Ann Vradenburg for moving the computers and coordinating what needed to be done and when it needed to be done; and to Lucy for labeling and organizing the merchandise.

The store space is slightly larger with all new fixtures. Jon Morrison deserves a real pat on the back for the new look. Jerry Goffe was phenomenal in coordinating "the forces that be" of the building committee. Joe, site manager for Global Structures, was a delight to work with and went out of his way to minimize any inconveniences for visitors, volunteers and staff.

Finally, a very sincere thank you to the folks that made it all happen: The Lannan Foundation, Thaw Charitable Trust, Messengers of Healing Winds Foundation, BNSF Foundation, those who donated money over the years to the Friends building fund and Bette Davis for all her hard work fundraising for this project for many years.

Inside:

<i>Bosque Loses Deb Davies</i>	2
<i>Recovering from a Great Loss</i>	3

<i>Wetlands to Be Drained This Winter</i>	4
<i>Refuge Escapes Marcial Fire</i>	5
<i>Upcoming Events</i>	5

<i>Chasing Monarchs</i>	6
<i>Las Mariposas</i>	6
<i>Membership Application and Thank You</i>	7



From the Manager's Desk
**Bosque Loses Acting
 Manager Deb Davies**

Debra Lynn Davies, the refuge's deputy manager and acting manager during the search for a replacement for Jim Savery, passed away last May after a brief illness.

A self-described desert rat, Debra, 49, left her native Ohio for a career in government natural resource positions. She started at the refuge in 1996 and was a one of the original backers of the Festival of the Cranes during the late '90s.

Debra returned to the refuge in 2002 after a three-year stint at Seville Wildlife Refuge. Her masters in civil engineering stood her in good stead during her term at Seville when she worked on the new office building construction project in 2000. She also had a bachelors in agricultural engineering from Arizona State University. She earned her masters from Washington State University.

An avid outdoorswoman, Debra loved the rivers and deserts of the Southwest. An active hiker, skier, rock climber and kayaker, she had recently kayaked the Colorado River through the Grand Canyon and hut skied in Colorado.

Debra was born to William and Helen Davies in Dayton, Ohio. She is survived by her parents, now of Mesa, Arizona.; a brother Donald Davies; a nephew Patrick Davies; and great-nephew, Shaun Davies.

Debra touched many lives and will be missed by her family and the many friends who loved her deeply. Her many friends and supporters can make memorial donations to the Debra Davies Memorial Fund, c/o the Friends of Bosque del Apache, PO Box 340, San Antonio, NM 87832. Proceeds will be used to purchase Chupadera Peak and donate this site to the Refuge.

Did You Know?

The Friends of the Bosque del Apache opened its first checking account in 1993 with a grand total of \$35. Thirteen years later, the Friends has a one million dollar annual budget.

Five individuals started the organization, paying dues of \$7.00 each. Today, there are over 600 members paying dues as low as \$15. Another 15 individuals are lifetime members, meaning they have donated \$1000 or more to the Friends.

The founders believed the organization could make a difference. Its growth shows they were not alone.



Bosque Beat by Jane Wilson

Bosque Notebook

Volume 13, Number 4
 Bosque Notebook is published bimonthly by the Friends of the Bosque del Apache National Wildlife Refuge, Inc.
 P.O. Box 340
 San Antonio, New Mexico 87832
 Email: friends@sdc.org

Editors: Don Begley & Joyce Johnson
 editor@jjwalker.org

The Friends of the Bosque NWR promotes appreciation and conservation of wildlife and habitat through environmental education and natural history experiences at Bosque del Apache National Wildlife Refuge.

Officers

President: Jon Morrison
 505-838-0717 • jonmorr@sdc.org
 Vice President: Jerry Goffe
 jerry@naturephotworks.com
 Corresponding Secretary: Bob Merkel,
 bobmerkel@ZiaNet.com
 Treasurer: Tom Sizemore
 Recording Secretary: Cat McGrath-Farmer

Committees

Education: Jerry Oldenetel
 Merchandising: Stephanie Mitchell
 Public Relations: Park Borgeson,
 hborgeson8129@comcast.com
 Special Events: Steve Green
 505-894-2739

Members at Large

Dennis R. Burt, mardenburt@comcast.com
 Mark Domzalski, mdomzalski@aol.com
 Robert Kruidenier, 505-835-1828
 robertk@sdc.org
 Nancy Szymanski, nancy@cadence.com
 Don Tripp, tntripp@nm.net

Staff

Supervisor of Operations: Leigh Ann Vradenburg
 505-838-2120
 Store Manager: Cynthia Pearse
 505-835-1828
 Educational Initiative Coordinator: Alex Rykken
 505-838-2110
 Festival of the Cranes Coordinator: Tom Harper
 crane@sdc.org
 Web Master: Wallace Newman
 wallynewman@mindspring.com

Visitor Center

Open: 7:30 a.m. to 4:00 p.m. weekdays
 8:00 am to 4:30 pm weekends
 505-835-1828

Speak Up!

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

President George W. Bush
The White House
Washington DC
(202) 456-1111
President@WhiteHouse.gov

U.S. Fish and Wildlife Service
Regional Director
500 Gold Avenue SW
Albuquerque NM 87102
(505-346-2545)

Hon. Gale Norton
Secretary of the Interior
18th & C Streets NW Rm.
6151
Washington DC 20240
(202) 208-7351

N.M. Senators
Hon. Jeff Bingaman
U.S. Senate
Washington DC 20510
(202) 224-5521
(505) 766-3636
senator_bingaman@bingaman.senate.gov

Hon. Pete Domenici
U.S. Senate
Washington DC 20510
(202) 224-6621
(505) 766-3481
senator_domenici@domenici.senate.gov

N.M. Representatives
Hon. Steve Pearce
House of Representatives
Washington DC 20515
(202) 225-2365
pearce.house.gov/

Hon. Tom Udall
House of Representatives
Washington DC 20515
(202) 225-6190
www.tomudall.house.gov/

Hon. Heather Wilson
House of Representatives
Washington DC 20515
(202) 225-6316
wilson.house.gov

Recovering from a Great Loss

by Friends President
Jon Morrison

It is with great sadness that I report to you the passing of Deb Davies, the deputy refuge manager at Bosque del Apache NWR. She died after a short bout with cancer.

Deb and I had a great working arrangement. We would meet once or twice a month to discuss what each could do for the other. Early this year Deb asked if we could purchase Chupadera Peak and Willow Springs for the Refuge. She said Chupadera peak was on private property and visitors had to trespass to reach the top when they hiked the Chupadera trail. Willow Springs has an endangered snail she wanted protected.

Without knowing Deb would soon be gone, I contacted a local realtor and friend to see if he could find out information on it. After a month, he found who was managing the sale. They contacted the ranch owners who agreed to sell the peak but would not sell Willow Springs.

We are in final negotiations for this important purchase and you can help. For \$450, you can support an acre toward this project. We will place a marker and plaque with the donors' names either at the entrance of the trail (with Refuge approval) or on the peak while it is still the Friends' before turning it over to the Refuge. We need to raise between \$63,000 and \$72,000 to make it so. Please send your donations to the:

Deb Davies Memorial Fund
Friends of the Bosque
PO Box 320
San Antonio, NM 87832.



Deb Davies never hiked the trail to Chupadera Peak because it crossed private land. The Friends have launched a fund-raising effort to purchase the private land and donate it to the Refuge in her memory

Deb's loss saddens all who knew her. We can honor her memory by honoring the refuge and the labor of love she and her fellow employees provide at the Refuge.

The Río Fest Desert Film Festival, Deb Davies Award Announced

THE FRIENDS WILL HOST an environmental film festival, the Río Fest, the third weekend of January, 2007. It will highlight environmental shorts, documentaries and films dealing with the Río Grande, the Chihuahuan desert, the bosque and similar ecological habitats. We will seek films from the United States and the state of Chihuahua, Mexico.

Saturday morning will be devoted to kids and young adults with classes taught by film makers on how to make films. The kids will have a year to put their films together, with help available from the teachers at the Río Fest. In

2008, the kids will bring their films for a juried show; the winner will receive the Deb Davies Award. Deb's dad was very glad we would do this to honor his daughter's memory.

Mark Your Calendar

July 15

Friends of the Bosque
del Apache

Board Meeting

10:00 a.m. Lannan Annex

Board meetings are open to all.

Call (505) 835-1828 for more information.

Highway 1 Wetlands to Be Drained

by John Vradenburg
Senior Biologist

Wetlands are transitional lands between aquatic and terrestrial systems. Inherent to that definition is a wide range in the extent and duration of the flood period that a wetland may undergo in an annual cycle.

In highly modified systems such as the Middle Rio Grande, land managers make decisions about flood timing, flood duration and flooding extent instead of nature. They strive to provide the greatest benefit to a diversity of wetland dependent wildlife based on a close inspection of a variety of variables including soils, salinity, geomorphology and the plant communities. These variables are evaluated not only in the context of their current state but what occurred before and what it should look like in the future.

This year the Bosque del Apache NWR biologists have determined that the crane roost along the west side of Highway 1 (Unit 3) is rapidly moving in a direction that will compromise the characteristics that make it unique to the refuge's wetland complex. With this in mind, we will keep the unit dry and fallow through this winter.

This is a difficult decision because of its public value in terms of wildlife viewing; however to maintain the wetland value over a longer period of time this management action must be taken.

Protecting Alkali Plant Communities

To better understand this decision it is good to look at this wetland's history.

Unit 3 is not part of the river-based flooding areas common to other wetlands in

the refuge. It is located near the edge of the floodplain along the base of several small alluvial fans formed by deposition from the adjacent hills. Thus, Unit 3 is further away from surface and subsurface water interactions.

Under natural conditions water that enters this system is more likely to evaporate in place than move out of the area, creating increased amounts of soil salts. These conditions promote a vegetation community different from the traditional moist-

liquid solution these salts are easily moved from the higher ground and out of the wetland creating a fresh system in a saline environment.

This may seem good since we are actively freshening other wetlands to increase annual plant production but it is important to note where in the landscape those wetlands occur as compared to Unit 3.

We are trying to make or maintain wetlands that are remnants of the once active floodplain of the Rio Grande. These would have naturally

been fresher due to the periodic overbank flooding of the river and the resulting erosion and deposition of material.

liquid solution these salts are easily moved from the higher ground and out of the wetland creating a fresh system in a saline environment. This may seem good since we are actively freshening other wetlands to increase annual plant production but it is important to note where in the landscape those wetlands occur as compared to Unit 3. We are trying to make or maintain wetlands that are remnants of the once active floodplain of the Rio Grande. These would have naturally

A Static Wetland Is a Dead Wetland

One of the fascinating aspects of wetlands is their inability to stay constant through time even though we, as users of these systems, desire consistency for viewing, photography and other outdoor activities. Unfortunately, in wetland systems stability is the shortest path to undesirable results. Wetlands are highly dynamic and the wildlife that use them are adapted to take advantage of annual change. To maintain this dynamic nature, management actions may not always be aesthetically pleasing or as desirable to view as the past year's management. However, change is unavoidable and in the best interest of the resource.

There will still be plenty of flooded areas for roosting waterbirds at Bosque del Apache this fall and winter. Good viewing opportunities will be available along on the east side of Highway 1 and water levels will be similar to last year at the flight deck and other popular viewing areas. We're also going to have approximately 54 acres of corn in Unit 32, which will be an alternate viewing site this winter.

One of the fascinating aspects of wetlands is their inability to stay constant through time even though we, as users of these systems, desire consistency for viewing, photography and other outdoor activities.

soil communities in many of the refuge's wetlands. These sacaton and saltgrass communities house a diverse population of reptiles, amphibians, small mammals and birds.

Altering the Natural Flow

Natural wetlands in this area are the product of localized precipitation events resulting in pooled surface water and are ephemeral in nature. In 1999 two impoundments were developed to flood this xeric upland habitat. Since that time Unit 3 has exceeded expectations for bird use and public viewing; however, seven consecutive years of flooding are beginning to have negative impacts on the soil and plant communities.

Foremost, the soils are being stripped of salts. Once in

been fresher due to the periodic overbank flooding of the river and the resulting erosion and deposition of material.

Human Actions Endanger Plant Communities

With the development of levees, changes in flood timing, extended flooding period and flow-through of water, the vegetation communities that make Unit 3 unique are being lost to competition from more aggressive species. Sacaton and saltgrass are being forced to the perimeters of the impoundments and early successional species such as Baltic rush and foxtail barley (often the first species to show up in a saline system that is becoming fresh) are now highly abundant throughout the north ends of each of the

Refuge Escapes Marcial Fire

The Refuge escaped the Marcial fire last May, losing slightly more than 800 acres in its southern extreme.

The human-caused fire burned several thousand acres of mostly salt cedar on the Armendaris Ranch. Its size was increased by burnout operations intended to stall it. No structures were threatened and no injuries have been reported.

The fire's smoke plume was captured in a NASA satellite photo (left) when the Moderate Resolution Imaging Spectroradiometer on NASA's Aqua satellite passed overhead on May 4.

Fire conditions remain extremely severe throughout the middle Rio Grande area. The entire river bosque from Bernalillo to Socorro will be closed for the Fourth of July holiday to reduce the chance of human-caused fires.



Coming Events

Wildlife Photography

July 29, 8:00am-4:30pm

Photographer and naturalist Jerry Goffe and his co-instructors will provide an overview on wildlife and nature photography followed by a hands-on experience on the refuge. Canon will supply advanced point-and-shoot cameras and flash units. Bring your camera, recording media or film, tripod, lunch, water and insect repellent. Please call 505-835-1828 for reservations. Limit 20.

Invertebrate Atlantis:

The Amazing World of Aquatic Insects

August 12, 9:00am-12noon

Leigh Ann Vradenburg will show you a world you may not know exists: the insects and other invertebrates living underwater and providing a vital link in the aquatic food chain. Explore the humble beginnings of dragonflies, mosquitoes, beetles, and many other insects that we see at the Bosque on a summer's day while you learn about various invertebrates at the Bosque and their role as predator and prey in wetland dynamics.

Leigh Ann will also have her personal collection on display so participants can see the diversity of aquatic insects from the Midwest and Southern United States.

Bring water, hat, sunscreen and insect repellent.

Please call 505-835-1828 for reservations. Limit 20.

Cactus Cuisine: The Edible Prickly Pear

August 26, 9:00 am-1:00 pm

Penny and Gary Hoe, culinary adventurers and cacti cultivators, will demonstrate the preparation of the cacti as juice, desserts and other dishes. Participants will gather and prepare cacti from the Refuge Arboretum. Bring kitchen tongs, an apron, a clean plastic bottle for juice, and a sack lunch.

Please call 505-835-1828 for reservations. Limit 15.



Heron Lake State Park To Have First Annual Osprey Festival

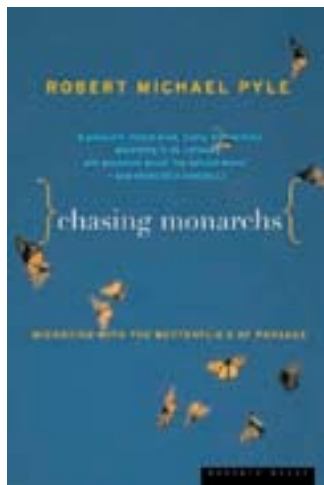
In 1990, a pioneer pair of Ospreys established a nest in the Heron Lake State Park area. Since then, the nesting pairs have grown to fifteen. Each summer it is our pleasure to witness the return and nesting activities of the ospreys.

As a first-year event, it is our hope that you will join us and help make the Festival fun and rewarding for all. If you or your birding group have something to contribute and would like to participate as presenters, vendors, educators or volunteers, contact Heron Lake State Park.

Phone 505 588-7470 or e-mail siscilyk.lederman@state.nm.us



Chasing Monarchs: Migrating with the Butterflies of Passage



ONLY THE MONARCH REGULARLY MIGRATES north-south-north. Some do not make it. The consensus had been that monarchs migrate from the northwest — British Columbia, Oregon and Washington — to California to winter. But Robert Michael Pyle believed some of them go southeast rather than southwest and winter in Mexico, where they collect in Michoacán,

Pyle followed this route in a 1982 Honda Civic hatchback with camping gear and not quite enough food. From his home in southwestern Washington, he traveled to British Columbia before turning south. His wife, Thea, accompanied him for a couple of weeks before other commitments demanded her time.

Since he often found monarchs or tales of monarchs near rivers, he decided to follow rivers, adding them to his theory. He also looked for milkweed, the monarch's favorite plant.

His pursuit amazed and puzzled people but he said he had no choice: he had to satisfy his lifelong curiosity. When he saw a monarch, he tried to net it. If he succeeded with his net (named Martha), he gently tagged a wing. Imagine tagging a butterfly! Fortunately, the monarch is one of the largest, with room on a wing for a tag.

When he came to a place where he had to decide direction, he depended on a monarch, which always turned up to keep him heading southeast in line with his hypothesis.

Butterfly sightings always reminded him of other sights. A crowd of monarchs reminded him of a similar crowd in Mexico, where monarchs are included in the Day of the Dead festivities because of their bright orange. Monarchs are seen as the souls of dead children that return for their annual visit.

A “complete” naturalist, Pyle discusses trees, flowers, birds and other insects than butterflies on his way. He describes unnatural objects, also, like dams, bridges and borders.

He decided he was right about rivers, that monarchs do travel along the Columbia, Snake, Bear and Colorado. He couldn't always travel in a straight line, of course; he couldn't always get at the river he wanted to follow. He had to go around the Dugway Proving Ground, for example, which occasioned a digression about the desert, reminding him of a fine quotation: “It is easier to accept the message of the stars than the message of the salt desert. The stars speak of man's insignificance in the long eternity of time; the desert speaks of his insignificance right now.”

When he reached the border (which he thinks is unnatural; animals don't acknowledge a border), he decided he could be sure they were heading for Mexico. He headed home through California, where he saw monarchs in Morro Bay whose cool and humid climates is similar to Michoacán. Monarchs don't like it hot.

After his 9,462-mile trip, Pyle reached “the ineluctable conclusion that western monarchs migrate to Mexico as well as California and that their pattern is far more complex than we have long believed.” He was pleased with his accomplishment and readers will be pleased with his reporting. Who would have thought a book about butterflies could be so rich, including geography, philosophy and history, as well as science, in graceful, humorous prose?

Besides a helpful map on the end papers, the book has an index and an appendix.

Chasing Monarchs: Migrating with the Butterflies of Passage. By Robert Michael Pyle. Boston: Houghton Mifflin, 1999 Hardcover, 307 pp. 2001 Paperback, 320 pp.

It is easier to accept the message of the stars than the message of the salt desert. The stars speak of man's insignificance in the long eternity of time; the desert speaks of his insignificance right now.

Las Mariposas

Butterflies like birds migrate;
we're happy when they congregate
at Bosque or our own backyard
but their short life is rough and hard:
when winter comes they have to leave.
We sympathize with them and grieve.
Their habitats are mostly gone
because of how we carry on
destroying meadows everywhere
without a thought, without a care.
We can rejoice that there are some
who want the butterflies to come
groups who work to save the land
and give the butterflies a hand.

Vivan las mariposas!

— Barbara DuBois

Our Business Sponsors:

BIRDSONG GALLERY
PO Box 433
Ranchos de Taos
www.birdsonggallery.com

EMERGENCY MANAGEMENT
& SAFETY SOLUTIONS
260 Whitney Street
San Francisco, California
415-643-4300

G. A. G. CHARITABLE
CORPORATION
Mrs. Dorothy Salant,
President
500 Summit Avenue
Mill Valley, California

MERRILL LYNCH
2125 Louisiana Blvd. NE
Albuquerque

RIO ABAJO ANTIQUES
1783 Main
San Antonio
505-835-02872

SESPE CREEK INSECTARY
PO Box 176
Lindsay, CA 93247

SUPER 8 MOTEL
1121 Frontage Road NW
Socorro
800-800-8000

WILD BIRDS UNLIMITED
7200 Montgomery Blvd NE
Albuquerque
505-883-0324

WILD BIRDS UNLIMITED
WESTSIDE
9231 Coors Blvd NW, Ste R7
Albuquerque
505-890-3668

WILD BIRDS UNLIMITED
OF SANTA FE
5188 Cordova Road
Santa Fe

VALERIE GRAVES GALLERY
Carson House Shop Patio
117 East Kit Carson Road
Taos • 505-758-0113
www.powerhorse.com/
taoartist/

Members Make the Friends Possible

Thanks to these new and renewing members for supporting the Bosque del Apache National Wildlife Refuge

THE ABSENCE OF A CORRESPONDING SECRETARY for several months caused a hiatus in warning Friends members that their memberships were expiring. Total Friends membership was about 850 last February but more than 300 had already lapsed and only 460 were fully paid-up*. About 600 letters sent in May to delinquent members yielded around 150 tardy but very welcome renewals.

Before the mailing labels for this Bosque Notebook were printed a few days ago, some 30-odd names of people who were more than 4 months in arrears were dropped from the membership list. That left a current member total of roughly 600 paid-up regular members, 15 lifetime members, 40 VIP and honorary members (politicians, other refuges) and 45 memberships overdue by one to four months. About 175 Friends members have opted to receive Bosque Notebook by e-mail as a PDF file (~1 MB in full color). Money saved on printing and mailing costs goes back into Refuge projects.

Earlier this year the Friends board decided to stop offering gifts to generous donor members who contribute \$60 or more in a year. Most of those members actually declined the gifts, urging that their entire payments be used to benefit the Refuge. In any case, all Friends members are entitled to 10% discounts on most purchases at the Bosque Nature Store (just mention your membership status at checkout).

Over the last two months more than two dozen very generous donors either joined Friends of Bosque del Apache NWR or renewed their membership.

Special Friends include Sarah Bisbee, Mary G. Clark, Brian Cooke, Martin & Susan Dilger, Viola Fisher, Monica Frytak, Tom Hyden & Robyn Harrison, Daniel Ludwig, Jerome Perry, Allan & Alice Sanford, Gary & Judith Strom, Judy & John Sturtevant, and Paul & Barbara Tebbel.

Best Friends include Paul G. Conover, Maxine Goad, Lea Goynne, Ruth Hucks, Susan McGreevy & Herb Beenhouwer, Richard Miller, Catherine M. Rose, Kevin & Pat Ryan, Alice W. Schneider, Norma Scott, Sei Tokuda, Don Tripp and Ernie Villescascas.

LuAnn Pavletick of Rio Abajo Antiques in San Antonio renewed as a **Friend Indeed**.

Two new **Lifetime Friends** are Nancy Daniel and Randy Speers.

* Thanks to the Festival of the Cranes, well over 100 Friends pay dues in November. We're lucky to get 10 in an average summer month!

Is your membership due to expire? Look on the mailing label for the end date. Send in your membership coupon to keep receiving the Bosque Notebook and all the benefits of membership.

Add my support to the Friends of the Bosque del Apache

Yes, I want to help preserve the Bosque del Apache for the future. Please contact me about planned giving.

Please contact me about helping with the Festival of the Cranes.

I can help with other special events.

Select Type of Membership

Senior (62+) or Student (\$15)
 Individual (\$20)
 Family (\$25)
 Individual or Immediate Family/Covey of Quail (Includes a Bda NWR centennial plate and your choice of either an annual pass to BDA or a Golden Age Passport): \$60

Best Friends/Snow Goose (All Covey of Quail benefits plus a Best Friends logo pin and hat): \$100-\$499

Friends Indeed/Red-Tail Hawk or Corporate (All Snow Goose benefits plus a selected piece of Rainbow Gate pottery): \$500-\$999

Lifetime Member/Sandhill Crane (All Red-Tail Hawk benefits and lifetime membership. The Best Friends pin and hat is replaced with a Lifetime Member logo pin and hat): \$1000 or honorarium

Name: _____ (Last) _____ (First)

Second Name: _____ (If family membership)

Corporate Name: _____

Mailing Address: _____

City: _____

State or Province: _____ Postal Code: _____ Country: _____

Work or cell phone: _____

Home Telephone: _____

Email: _____

I want to save postage and printing. Please email me a full color PDF version of the newsletter. (Approx. 1 MB.)

I can help in these areas:

Skills

Photography Art Writing
 Computer Networks Software Web Design
 Publications Fund Raising
 Public Speaking Environmental Education

Grant Writing

Special Interests

Education Birding Photography
 Public Relations Publications

I want to serve on this Friends committee:

Education Special Events Finance
 Merchandising Fund Raising
 Public Relations
 I'd like to serve on the board

All members receive the Friends newsletter, a membership card and Friends logo pin.

Mail completed form and check to: Friends of the Bosque del Apache NWR • PO Box 340 • San Antonio, NM 87832



PO Box 340
San Antonio, NM 87832

Non-Profit Organization
US Postage
Paid
Socorro, NM
Permit No. 010



**Summer is a great time to
visit the Bosque. See you
there.**