

Volume 49 -Issue 2

Arizona Wildlife News

Official Publication of the Arizona Wildlife Federation- Conserving Arizona's Wildlife and Wildlife Habitat



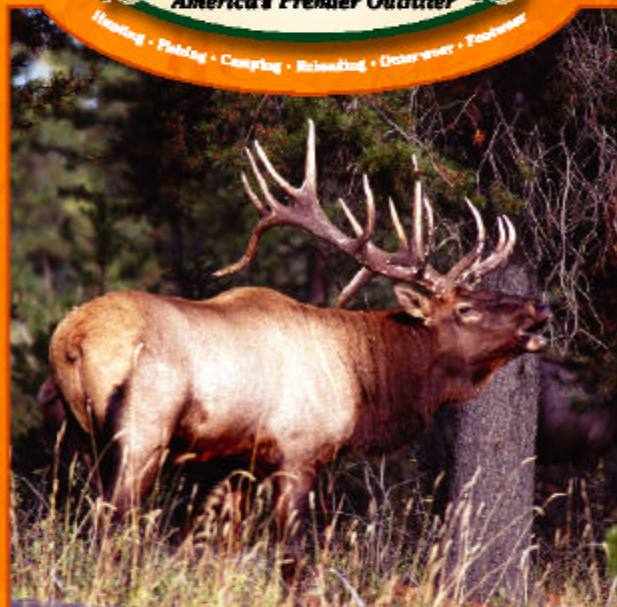
Spring 2007

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AWF Mission Statement:

AWF is a non-profit organization dedicated to educating, inspiring and assisting individuals to value, conserve, enhance, manage and protect wildlife and wildlife habitat.

On the Cover: This issue of the Arizona Wildlife News features an image taken at Roosevelt Lake when the lake was full. Linda Dightmon is the photographer.

If you have a photograph or painting that you would like to submit for consideration on a future cover of Arizona Wildlife News, please contact AWF at the address below.

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The Arizona Wildlife Federation welcomes stories, art and photographic contributions. We will consider, but assume no responsibility for unsolicited proposals, manuscripts, art, photographs and transparencies. Contact the Federation office at 480-644-0077 for details.

Advertising inquiries should be directed to the Arizona Wildlife Federation at the above address or phone number or by email editor@azwildlife.org. AWF does not assume any financial responsibility for errors in advertisements that appear in this publication. If notified promptly of an error, we will reprint the corrected ad.

Sportsmans Mail Pouch

John Underwood



Editor Scratchings

Here it is spring already, hunting season over, fishing season in full swing and just another doggone good Arizona day all around. Your Arizona Wildlife Federation will be celebrating it's 84th birthday this year, kicking off with the 37th Annual Trophy Banquet May 5th and the Annual meeting June 2nd.

Due to a scheduling conflict we had to reschedule the Trophy Banquet time and place. NOTE: The Trophy Banquet will now be held at the Mountain Preserve, 1431 E. Dunlap Ave, Phoenix. (See the T.B. Page in this issue and/or check the web site at www.azwildlife.org.) There are lots of grand prizes to be auctioned off this year including a \$160 Orvis fly rod combo, hunting opportunities, an African photo safari, chance to bid on a Telluride 7 day "GETAWAY", merchandise to name a few and the MAGNIFICENT ARIZONA TROPHY DISPLAY.

The Annual Meeting will be held at the Fiesta Inn. Starting at 7:30 am. Registration with the General Session at 9 a.m. See the Annual Meeting and Awards page in this issue. Great opportunity to win a 7 night Telluride "GETWAY" with a membership drawing. Trust I will see lots of you members there.

There is a new page in this issue for volunteers to check out and respond to the needs. The "Wildlife Habitat and Conservation Projects."

These are the immediate projects that need attention with more to be presented in the summer issue. Take a look and give the contact folks a call for a rewarding experience.

How about getting the youngsters, your own and others you know involved in the outdoors. Then sending in pictures and write-ups on their involvement for publication in the AWWNews. Great opportunity to showcase the hunting, fishing, camping, outdoors activities of the young folks.

For all you with a Golden Age Passport (now called Senior Pass) or interagency pass can purchase from the forest service a Tonto National Forrest Interagency Pass Upgrade. For \$15 you receive an upgrade decal entitling the pass holder to visit recreation sites that require a daily-use fee within the Tonto National Forest for one year from date of purchase. This includes most recreation sites on the Salt, Verde Rivers and lakes, as well as Seven Springs Rec. Area. The Pass is not valid at sites where overnight camping or group fee is charged. This is a real bargain if you have a vehicle and boat you are taking say to Roosevelt or one of the other lakes. Check with a forest service office for all the information.

Take a moment to look at the fine sponsors we have throughout the *Arizona Wildlife News*. They help the Arizona Wildlife Federation and this publication with donations and support for our activities and projects.

One of those long time sponsors is Basha's supermarkets. You can find the advertisement on the opposite page. When you shop at Basha's remember to give the AWF ID number 29173 to the check out person. When you give them the ID number one percent of your grocery bill will be donated to the AWF. Can't be any simpler than that.

Until next time, be safe and enjoy Arizona's great outdoors!

We urge our readers to communicate to us cheers and even jeers (given in good taste, or course). Keep your communications short and to the point. All must be signed. If you send us questions, we will seek answers and print them here. There may be times mail volume may prevent us from publishing every letter we receive, but we will do our best to print as many as possilbe.

Send your 'snail mail' to:

Sportsman's Mail Pouch
Arizona Wildlife Federation
644 N Country Club Dr., Suite E
Mesa, AZ 85201

Send your email to:
Editor@azwildlife.org

It is our goal to provide a well-written informative magazine and your feedback will help us do that. This is your magazine, let us hear from you.



Greetings Arizona Wildlife Federation Members!

I am often awed by the dedicated Board of Directors, staff, and volunteers we have here at AWF. I wish everyone could experience the pride

and satisfaction that these folks feel while they work to serve a cause they care about deeply.

This modern world demands a lot from people, and offers a lot of distractions. According to the media, many folks are putting in more hours at work than ever before, while others are busy caring for children and aged parents, sometimes simultaneously. The media also tells us that lots of people are "nesting" and putting on the pounds, while others are tooling around enjoying the rewards of living in an affluent society.

In spite of these demands and distractions, a few strong, dedicated individuals are able to carve out a niche in their lives for altruism, an old fashioned word defined as "working unselfishly for the welfare of others". In AWF's case, we work for the welfare of Arizona's wildlife and wild places.

The staff, members, volunteers, and Board of AWF come together because we share a common vision of a world where wildlife matters to people, and where wildlife is accorded a high priority in all governmental decisionmaking, including local, state, and federal. If we don't watch out for wildlife, who will?

We don't always agree on every specific solution to a problem. We don't always agree on whether we have a problem or not! (I

From The President

have a magnet on my refrigerator that says "If everyone is thinking alike, then somebody isn't thinking".) But we come together as a united front to ensure that wildlife continues to have a significant place in this world, and is not simply swept aside by "progress".

So there are a lot of reasons, both good and bad, for not getting involved, for putting altruism on the back burner for another day, for another year, forever. But wouldn't you rather commit 10 hours a month to serve a cause you believe in deeply? AWF needs that commitment from you if there is to be any hope of conserving what's best about Arizona; its wildlife and wild places.

I salute our current AWF Board of Directors, staff, and volunteers. I would encourage others reading this to get involved. We have opportunities for volunteers on habitat projects, volunteers to serve on committees doing fun and exciting things, and we welcome fresh new faces on our Board of Directors. Ten hours a month is all it takes for you to join the ranks of folks who are "working unselfishly for the welfare of others".

The anthropologist Margaret Meade said, "Never doubt that a small group of thoughtful committed citizens can change the world; indeed, it's the only thing that ever has." AWF is one of those small groups of thoughtful, committed citizens who are changing the world. Please join us in that effort.

Call me at the number below and tell me how you want to serve the wildlife of Arizona.

Mary Jo Forman Miller
President, AWF
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FOR FRIENDS AND NEIGHBORS

WHADDA' YA' KNOW?

1. Other than the Black Bear, what other type of bear used to roam Arizona?
2. Why does Fossil Springs carry that name?
3. What was the source of early Phoenix's electricity?
4. What percentage of the total length of our State's creeks and rivers are still free flowing?
5. What city was Arizona's first state capitol?
6. What are the 3 major goals of the National Wildlife Federation?

(Answers on page 22)



Historical Tales

REPRINTED FROM AGPA'S

ARIZONA WILDLIFE SPORTSMAN AUGUST 1950



by Ryna Rock

THE A.G.P.A. NEEDS YOU

By Charles C. Niehuis

Never has there been a time in the history of the Arizona Game Protective Association that there has been a greater need for building a stronger organization! Why?

At the moment there are seemingly no great issues at stake. There are apparently no important controversies upon which the Association can take a side. And since there are none of these driving forces to weld the A.G.P.A., it has become weak. Many locals are failing!

One of the slogans of the A.G.P.A. is "Better Hunting and Fishing in Arizona Depends Upon Me."

If you are satisfied with the conditions of the outdoor sports then you need read no farther, but if you are still of the opinion "Better Hunting and Fish in Arizona Depends Upon . . ."

You as an individual standing on a soapbox on a street corner shouting to the people who pass would be ridiculous. Even if you got up on a housetop and yelled your opinions the only attention you would get would be laughter, or perhaps they would come after you with a paddy-wagon and take you somewhere to examine your mind.

But, if you align yourself, your mind, your beliefs and your efforts with your local in making it strong you will become a recognized power. Your organization will be strong and that union can exert itself in many directions.

Stop a moment. Examine your own local group. Is it meeting regularly? If you do meet, is your program planned for the evening? Is it interesting—to the layman, the "drop-in" you want to sign up? Or, are your meetings pointless, unplanned and do they drag along until the visitor gets up and leaves and you have lost opportunity?

The first step toward a strong local organization is good officers. Officers who work and appoint functioning committees. The most important of these committees is clearly illustrated in the growth of one of the most successful locals in the state: The Tucson Game Protective Association. It is the program committee. Every meeting held has a good program including motion pictures which is not only interesting to the members, but to the invited guest. Tucson makes its meetings so attractive and educational people want to return and it is only a matter of going among them to sign them up.

There are lists for you of reels of motion pictures to be obtained for the mere asking and payment of express charges. "And, is there a local that can not promote a 16 mm projector, either silent or sound, among or through the efforts of its members? All the presiding officer need do is appoint a member who will do!

Then publicize these programs. Get the news out to your local paper; tell others, ahead of time!

The people will be there; then do not fail them.

Start your meeting on time, snap through your business and give the program. Some locals even give their program first, so children can go home early, and there will be plenty of youngsters there if you have a good motion picture program!

No one can deny if you offer something worthwhile to the pub-

lic, people will be there.

After your organization is built up to capacity—and don't forget to keep those interesting programs going—work out lines of endeavor, goals of achievement, something to do.

One of the greatest of these is education of the public to the precepts of good sportsmanship and every hunter and fisherman wants to be known as a sportsman. The meaning of sportsmanship is so broad it can hardly be worked down into a single phrase which expresses it better than the Golden Rule: Do Unto Others As You Would Have Them Do Unto You.

This means to share your experiences of hunting and fishing. Probably the best people to share with are the youth. The child, who can be taught to be fair when he is taking game and fish out in the woods where he is alone and no one watching, will certainly respect the rights of his fellowman. He will make a good citizen!

This teaching of youth in your community can be one of the prime objectives of your local. A program to reach this end is many sided. It can be incorporated in the schedule for entertainment at your meetings.

The instructors of your local schools will be only too glad to work in motion pictures and literature on sportsmanship and conservation under your sponsorship into their education program which in turn will result in a building up of good will toward your organization and assist you in attainment of your own goal.

After you have built up your membership through offering the people something, then you can exert direct influences toward good hunting and fishing.

The force of your local membership will be felt by the judge who presides over game code violations. The combined strength of many locals over the management of streams, lakes, areas inhabited by game.

This organized strength is protection against many outside influences who are at this very moment plotting control of American's and this state's greatest democratic privilege: hunting and fishing and other allied outdoor sports.

We are reminded of a time recently—an individual was telling of a hunting experience in England during the First World War. He had been wounded and during convalescence was invited to go pheasant hunting on an estate owned by one of the landed gentry. The shooters were placed in stands. Servants went into the countryside beating pans and making a great racket. They drove the game past the hunters who shot the birds as they flew by. They, the invited and the owners, were the only ones allowed the privilege.

The sports of hunting and fishing, there and in the rest of Europe and already in the East of our own country, are for the selected few. Would you have them do it to you?

We are reminded of a fable of an old man seeking to teach his sons a lesson. He handed each of them a stick and asked them to break it. They did—in their hands. Then he handed them a bundle of sticks, tied together in one compact unit. And, again asked them to break it. They could not, not even by exerting added leverage by placing the bundle of sticks across their knees.



Streams and Game Trails

By John Underwood

Here it is March already and the hunting season is over, so get the fishing gear out and take a youngster fishing. As for the hunting season. Seems like most of the folks I talked to had success on their big game hunts, Mearns and not much on the Gamble Quail.

Reports on Gambles range to good when locating isolated coveys to poor when spending a lot of time driving and walking. Even a good dog would get discouraged after a while. However, reports from the southern part of the state, expressed good Mearns season with most hunters taking from 5 to a limit of 8 birds when in the field and all hunters expressed that a good hunting dog is a must when going after Mearns.

Thankfully we are seeing some moisture around the state with predictions ranging from not up to normal but good and not as much as anticipated out of the El Nino. If more snow falls and the rains continue at least through March with some decent summer rains we should have a better Quail season starting next October. This would bode well for the fishing also since a rise in the lakes would cover now dry ground providing the nutrients for the fish to grow.

Don't forget to get your Tonto Pass before you head up to Roosevelt, Bartlett Lake or other Tonto areas and get your youngsters involved in the outdoors!

Sonoran Pronghorn Released In Arizona

AJO, AZ—The U.S. Fish and Wildlife Service has released the first ever captive-bred Sonoran pronghorns into the animal's historic Arizona habitat. Two yearling males born into captivity last year on the Cabeza Prieta National Wildlife Refuge in southwestern Arizona were recently released to join other wild Sonoran pronghorns on the refuge.

Based upon a recommendation by the Sonoran Pronghorn Recovery Team, the refuge and its partners created a 640-acre semi-captive breeding facility in 2003 to boost recovery efforts for the endangered Sonoran pronghorn. The facility is fenced and irrigated to provide drinking water and plant growth for the pronghorns. Nine animals were born in the enclosure this past spring, and their contact with humans during captivity has been kept to a minimum to ensure they remain as wild as possible.

The U.S. population of Sonoran pronghorns was nearly lost in 2003 when it fell to an estimated 21 animals following a series of unusually dry years in which few fawns were born and fewer survived. The wild U.S. Sonoroan pronghorn population is now estimated to be approximately 100 animals.

AZ G & F Outdoor Exposition

Keep your calendars free for March 31 and April 1st as the Game and Fish Department Outdoor Expo will be held at the Ben Avery Shooting Facility.

The event will include a wide range of outdoor activities including fishing, hunting, archery, camping, live wildlife exhibits, off-highway vehicle recreation, boating safety, and much more.

There will be educational workshops, demonstrations, Sportsmen's Conservation groups and commercial vendors in the exhibitors tent.

You can also experience hands-on recreational shooting on the range including the chance to try various specialty-shooting disciplines hosted by local shooting organizations.

Your Arizona Wildlife Federation will have a booth set up at the event to showcase our organization. So come on out and enjoy a day of outdoor exhibits. The event is FREE and runs from 8 to 5. See you there.

Ben Avery Shooting Facility
4044 W. Black Canyon Blvd.
Phoenix, Arizona 85086

Tonto National Forest Closes Self pay Machines

In case you have not heard, New policy for TNF, Check out the web site.. It affects Bartlett, Roosevelt Lakes, and others

The Tonto National Forest sites no longer have self-pay machines for purchasing passes. Ranger stations sell passes, and so do a variety of vendors all over the state.

The new pass program started Oct. 2, and on Oct. 15 there were still many people at Bartlett who took a chance on parking without a pass. The rangers were only giving out warnings that day, but that won't last.

You can buy a pass at Bartlett Lake Marina, and at several Circle Ks in Cave Creek and Carefree. Go to the Web site for details.

You can buy passes ahead of time, and they are good almost indefinitely, because you scratch out the date and time when you enter. Go to <http://www.fs.fed.us/r3/tonto/tp/where.s.html> to find a vendor near you.

You can also print an order form to order passes by mail, or call them to order by phone with a credit or debit card.

Anderson Mesa Wetlands Exclosures

by Loyd Barnett

The Arizona Wildlife Federation is nearing the completion of a project to build four exclosures around wetlands on Anderson Mesa east of Mormon Lake. The project is funded by a grant from the National Forest Foundation and matching contributions from the Arizona Game & Fish Department, the Arizona Antelope Foundation, Arizona Bowhunters, Arizona Mule Deer Foundation, the Wildlife Foundation Advisory Council and the AWF.

The purpose of the project is to protect wetland vegetation from livestock grazing so that during wet periods it may be used by waterfowl for nesting and by other wildlife. In addition to the area of wetland area an additional area of 100 meters or more of



adjacent uplands was protected in order to provide onshore habitat available for species which nest near, but not in, the shallow water. Stock tanks used for livestock grazing on this portion of the Coconino National Forest had to remain available for access by cattle.

Personnel from the Coconino National Forest located the boundaries of the fences and conducted the archaeological surveys for the majority of the project. The Flying M Ranch, graz-



ing permittee, participated in project location and provided technical input on methods to build and maintain fences in the wetland areas.

In order to withstand the extremes of weather and the wetland conditions special fence construction requirements were implemented. These included:

Use of a ¼ inch steel cable in lieu of the top wire of the fence. This was provided by the Arizona Game & Fish Department.

Extra wood posts in wetland portions - those portions where water stands during wet periods and the soil is totally saturated. Every third post was required to be a wood post, rather than steel



post here.

Longer steel posts in the wetlands areas - 8 feet rather than the 6 ½ feet in the remainder of the fence.

Sturdy deadmen to brace fence corners, especially in the wetlands areas.

Additional wood posts (every 200 feet) in the uplands portion in order to support the weight of the cable and the fence.

Wildlife crossings - elk jumps above and "goat bars" (antelope undercrossings) below constructed of pvc pipe over the wire and/or cable were placed at least every ¼ mile to make wildlife crossings easier for both the fence and the wildlife.



Wetlands having fences constructed included Perry Lake, Corner Lake, Tony's Tank and Boot Lake. The first three have been completed and Boot Lake is partially complete, with the remainder under contract and to be finished when conditions allow this coming spring. The four exclosures add up to a total of six miles of fence.



Fence construction was occurring prior to and during the fall 2006 hunting seasons. The majority of comments from hunters who talked to the fence contractor were favorable. However, the Arizona Game & Fish Department reports that there has been some damage by hunters who cut through the lower wires, lifted up the top cable and drove ATV's through the cut fence (there are gates in all of the fences so that cattle can be removed if they should get through).

Signs explaining the reason for the project and its importance to wildlife are needed and the AWF has a planned program to install some this coming season. In addition some maintenance is needed to repair the damage done by a few careless hunters.

Wildlife Habitat and Conservation Projects

HELP WANTED

Arizona Wildlife Federation

FENCE REMOVAL TO BENEFIT ANTELOPE AND MULE DEER AT BUENOS AIRES REFUGE

Seven years ago 88 pronghorn antelope were rescued from urban sprawl and transplanted to Buenos Aires National Wildlife Refuge. At the time it was hoped the herd would grow to 300 or more animals. Instead the number has now dwindled to fewer than 30.

Refuge officials and AGFD biologists believe barbwire fences left over from the refuge's ranching days are a factor in the pronghorns' decline. Fences restrict pronghorn movement because pronghorn are reluctant to jump over fences. As a result, pronghorn are not always able to use the best habitat available on the refuge and experience greater difficulty escaping predators. Coyotes have learned how to use the fences to trap antelope and mule deer fawns.

On Saturday, April 7, AWF volunteers will be removing some of these fences. Work will consist of removing the barbwire strands, pulling up fence posts with specially constructed jacks and rolling up the fence wire for disposal at a nearby dump site. AWF's fence crews typically work until mid-afternoon, so volunteers should bring a lunch as well as drinking water. Some of us will stay over for a camp-out out Saturday night.

Volunteers will meet at 8 a.m. at the refuge headquarters. Persons with questions should contact either Larry Audsley at 520-749-1582 or Bonnie Swarbrick at 520-823-4251, Ext. 108.

HELP FOR BURROWING OWLS

Another species experiencing habitat loss in Arizona is the burrowing owl. These small owls live in rodent holes on grasslands and alluvial plains. Development destroys their homes and often results in the owls being crushed in their dens by heavy construction equipment. A group called Wild at Heart has been rescuing owls from the bulldozer around Phoenix and translocating them to man-made burrows in suitable habitats elsewhere in Arizona. Canoa Ranch near Green Valley in Pima County is one of the translocation sites. The county purchased this ranch for open space and thus offers the owls a permanent home site that is safe from development.

Unfortunately, initial translocation efforts have not been successful due to predation by coyotes, raptors, foxes and badgers. Nearly all of the owls transplanted to Canoa last year were lost. Part of the problem is the soft soil around burrows entrances, which enables predators to dig down to the little owls. Pima County's Parks and Recreation Department, Natural Resources Division, is asking for volunteers to assist in "hardening" the nest sites with rocks and mortar. Work will consist of loading rocks into trucks for transport to the burrow sites, placing the rocks around burrow entrances and applying a mortar mixture.

The workday is scheduled for Saturday, March 24, starting at 8 a.m. Volunteers are asked to bring work gloves, drinking water and appropriate clothing.

Directions: Take I-19 to Exit 56, then go north a short distance on the Frontage road that runs along the east side of I-19. Go through the Canoa Ranch gate and continue straight about 75 yards, then take the first dirt road to your left. (Road is passable by passenger car, but drive slowly.) Go past the old ranch buildings and park near the northwest corner of the chain link fence on the left. Someone will be there to give directions to the relocation site.

For questions or additional information, call Larry Audsley at 520-749-1582

Arizona Elk Society

BURRO CREEK, May 18th-20th -- The 2nd annual Burro Creek Fence Removal project around Big Lake May 18th-20th 2007. We will remove another 5+ miles of unneeded fencing for the benefit of wildlife. As usual we will supply great meals and snacks and we really need your help to make this a success. Last year we had over 50 participants.

26 Bar Adopt-A-Ranch, June 1st-3rd -- The 2nd Annual 26 Bar Adopt a ranch Project June 1st-3rd 2007 in the Springerville area. We will complete improvements on two springs to improve flow/storage for the benefit of wildlife and the ranch.

In 2006 we had excellent turnouts for both of these events. All in attendance enjoyed the great meals, well-organized projects and camaraderie. We got a lot done and had fun in the process. Please keep posted on the details on our website. For those of you who helped last year we hope to see you again and if you have not joined us before we hope to see you there. Please call if you have questions, or send me an e-mail.

Tom Schorr 602-431-4131 e-mail: thomas.schorr@fcsw.com

Arizona Antelope Foundation

May 5-6, 2007 AAF Work Project Yavapai Ranch

June 8-9, 2007 AAF Work Project Anderson Mesa

August AAF Work Project Eagle Creek Unit 28

If you have any questions about any of the above events, please contact us at info@azantelope.org



Arizona Wildlife Federation's 84TH ANNUAL MEETING & AWARDS LUNCHEON

Saturday, June 2, 2007

Fiesta Inn Resort
2100 S. Priest Drive
Tempe, AZ 85282

Registration Form

Name _____
Guest's Names _____
Address _____
City, State, Zip _____
Email Address _____
Telephone _____
Affiliate Name or Organization/Agency _____
Delegate _____ Alternate _____ Guests _____

Saturday Luncheon @\$30.00 per person Number of tickets _____ = \$ _____
Telluride Drawing Tickets @ \$10 each Number of tickets _____ = \$ _____
Total Amount Enclosed \$ _____

Pre-register by mailing completed form and payment to:

Arizona Wildlife Federation
P.O. Box 51510 Mesa, AZ 85208
*If paying by credit card you may fax this form to AWF at 480-644-0078

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Signature _____

All checks payable to: Arizona Wildlife Federation
Online registration is available at www.azwildlife.org
Other inquiries to: AWF Office (480) 644-0077 or email awf@azwildlife.org

For room reservations call the Fiesta Inn Resort at 1-800-528-6481.

ANNUAL MEETING SCHEDULE

7:30 am Registration Desk Open	11:00 am Cash Bar
9:00 am General Session	11:30 am Luncheon Buffet & Awards
Commencement Ceremonies	Special Presentation by
Pledge of Allegiance	<i>Norris Dodd</i>
Welcoming Remarks	Wildlife Corridors:
Introductions	Traveling Under Freeways
Nominations of Board/Officers	A Successful AZ invention
Election of Officers	
Adoption of Resolutions	1:00 pm Board Meeting
President Elect Acceptance	Ratify Election of President
Committee Reports	
Annual Meeting Adjourned	

TELLURIDE "GETAWAY" MEMBERSHIP DRAWING!

When you register
for the Annual Meeting
you will be automatically
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Additional tickets may be
purchased for \$10 each.
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and amount of payment in the
space indicate on the registration form)

Drawing will be held at the Luncheon.
You must be present to win.
Must be redeemed by March 1, 2008.
Specific dates subject to availability.
Taxes and housekeeping fees are
not included.
Nights cannot be divided into multiple
stays.

Arizona Wildlife Federation—84 Years Working for Wildlife!
Arizona Affiliate of the National Wildlife Federation



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THUMP!

by Michael S. Smith

Fifth night on the trail, twenty minutes before sunset. Alone. I'm half asleep in my tent in a remote area of Isle Royale, itself a remote island on Lake Superior.

It is 40^o, threatening to rain, and the 25 mph cold north wind makes me wonder if it is really May. I'm marginally warm, despite wearing everything I hiked in earlier today plus a couple more layers.

I awaken to a "thump," and as I lie quietly on the ground, listening to the wind in the balsams and white spruces above me, I hear it again. The nearest person is ten miles away by trail, and there are no roads here. It is early season out on the Big Lake, 20 miles off the coast of Minnesota and Canada. A brief gust shakes my small tent. I tilt my head to look out through a gap in the vestibule but see nothing.

I'm used to wilderness sounds, but this thump is odd, neither the scurry of a mouse nor the patter of a squirrel. One more time, I tell myself, and I'm going out to take a look. *Something* is out there.

Thump.

I bolt out of the tent, but still see nothing unusual as I face the aspen shrubs and tall grasses behind my campsite. I turn around towards the rough waters of Feldtmann Lake and the cold wind. There, twelve feet away, separated from me only by air, is a full grown timber wolf, *Canis Lupus* himself, looking at me. His huge shoulders elevate his front end like a platform. He is absolutely magnificent and absolutely unafraid.

"Oh—My—God," I say aloud. The wolf and I stare at each other, his dark eyes boring holes in me, his ears erect. He's not going anywhere. Two emotions, thrill and fear, concurrently explode in my brain. I've got my wish; for years, seeing a wolf in the wild has been at the top of "The List" of things to see or do in my life. Indeed, I went to Isle Royale on the first boat of the year hoping I'd get lucky. Oh, I'm lucky, all right, but as the wolf continues to stare at me I'm uneasy, too. I'm not sure how I should behave; worse, I'm not sure how the wolf is going to behave. I have read David Mech, Rolf Peterson and Barry Lopez, all of whom have studied and written extensively about wolves. I'm a member of the International Wolf Center in Ely, Minnesota. I know that there has never been a documented attack of a healthy adult wolf upon a healthy adult human in North America.

But that's my intellect speaking. My emotion says, "no attack, yet." It's one thing to know that wolves usually avoid man; it is quite another to be a dozen feet away from one that clearly shows no fear, miles from the nearest other human and uncertain what is going to happen. Wolves are supposedly reclusive; only 1 in 900 hikers on Isle Royale ever see one, and their sightings are usually measured in seconds. I've been

given one of the greatest gifts of all: the ability to see something I've always wanted to see with total, unambiguous clarity. Nevertheless, the gift came with serious strings attached.

The wolf trots down the trail to my left, turns, enters and crosses my campsite into the high grasses behind me. I turn to follow him with my eyes as he loops around and stops again less than a rod away, now downwind. "OK, go on now," I say, somehow finding a steady voice. My blue pack cover has been removed from my Granite Gear pack, leaning next to a large balsam, but my food, in a plastic bag hanging from a nearby spruce, is untouched.

Still looking at me, the wolf drops his head, swinging it back and forth in what may be curiosity, but I'm not exactly experienced in wolf behavior. He hasn't been aggressive, but he is anything but reclusive. He isn't leaving, and his interest in my pack is most disturbing. "Get out," I yell, hoping my fear won't be sensed, and the wolf moves back, but only a few feet. I hoped I'd see a wolf; I certainly never expected I'd be yelling at one to leave my campsite.

Without much success, I try to convince myself he won't attack; any of the 450 moose on the island are far more a threat to me than he is. Indeed, two hours earlier, I was a similar distance from a bull moose, far more dangerous, yet I was unafraid. Our behavior towards the wolf has been conditioned by thousands of years of human-wolf contact. After all, Prokofiev didn't write "Peter and the Moose." I've dealt with campsite bears, used to man, who can become very nasty. My emotions fail to consider the irrelevance of this analogy. Bears become habituated to people and their food, wolves avoid people. At least, they usually do. So why isn't this one? I begin to pull my gear out of the tent, deciding to leave as soon as I get packed. I've already hiked ten miles today. I'm tired, and I'd like to sleep, but with Mr. Lobo hanging around, that won't be happening. I may as well get back on the trail and hike as long as my RayOVac light holds out.

I look up, and the wolf is gone, with nary a thump. Perhaps he went to check out the moose I saw earlier. I don't know whether he will return. I do know that I'm leaving. I'll be thinking of the gift I just received along with the insight I've gotten into my emotional side. I shake my head, side to side, much as the wolf did, as I remember the saying, "Be careful for what you wish for. You may get it." Ten miles in a dark woods should give me a few more insights.

And hopefully no further sightings.



**ARIZONA WILDLIFE FEDERATION
37th Annual Trophy Book Awards Banquet & Fund Raiser
Registration Form**

Saturday, May 5, 2007
Mountain Preserve Reception Center
1431 E Dunlap Avenue
Phoenix, AZ 85020

5:00 p.m. *Cocktails and Silent Auction*
6:30 p.m. *Dinner*
Immediately following the Dinner:
Trophy Book Awards & Raffles

We invite you to join us at the Arizona Wildlife Federation's **Thirty-Seventh Annual Trophy Book Awards & Fund Raising Banquet** on May 5, 2007, at the Mountain Preserve Reception Center. This is Arizona's premiere sportsmen's event for 2007! **Come see a selection of Arizona's biggest and best Big Game trophy heads on display!**

Join us as we recognize the recipients of the 2006 Trophy Awards and honor the remarkable Big Game wildlife of Arizona. Your support for the Raffles and Fantastic Silent Auction will help AWF generate money to fund wildlife habitat restoration projects and conservation education events across the state.

Trophy Awards Banquet Tickets (please enter number ordered and return form by April 30, 2007)

- _____ **Regular Ticket - \$75.00 per Person** (includes **\$40 Raffle Tickets**)
 - _____ **Long Gun Table - \$1200.00 per Table** (includes **10 seats** and **\$600 Raffle Tickets**, plus a **guaranteed long gun** for one person at the table)
 - _____ **Riparian Table - \$2,500.00 per Table** (Call AWF for details)
 - _____ **Large Area Landscape Table - \$5,000.00 per Table** (Call AWF for details)
 - _____ **Raffle Tickets: chances to win rifles, shotguns, black powder guns and other prizes. **Each ticket has 5 chances to win**** (\$20.00 each; 6 for \$100.00; 16 for \$250.00)
- \$ _____ (Total Banquet Amount)

Name

Address

City State Zip

Phone Email

Check enclosed. Please make payable to Arizona Wildlife Federation, and mail to the address below.

Please bill my MasterCard Visa Discover

Expiration Date: _____

Signature

Order your tickets by sending this form and your payment for the "Total Banquet Amount" to:

Arizona Wildlife Federation
PO Box 51510
Mesa, Arizona 85208

If you pay by credit card, you may fax this form to AWF at 480-644-0078

BOW Happenings



The 2007 BOW deluxe group photo with the Bulldogs as a backdrop



Pro Angler Chad Witty and the fishing class on the dock at Saguaro Lake

by Tracy Unmacht

After a week of clouds, cold, and rain, the skies cleared to reveal Arizona's trademark winter desert weather just in time for our second annual BOW Deluxe.

The venue was once again scenic Saguaro Lake Ranch along the banks of the Salt River. Twenty nine ladies registered to learn from our dedicated volunteer instructors who shared their knowledge on desert hunting, field archery, Arizona's amazing animals, predator calling, bass fishing, fly fishing, birding, paddling, and hiking.

Our Dutch oven cooking class treated the entire camp to a fabulous dinner on Friday evening. Andi Rogers from AZ Game & Fish presented the fascinating life of bats, and Greg Hansen and Wally Borman wowed us with their musical talents. All the ladies had an opportunity to take in the breathtaking views during a 2-hour trail ride through the desert.

I am excited to report our BOW Bingo night and merchandise sales raised over \$1600 for the Becoming an Outdoors Woman program in Arizona. Special thanks to all the attendees, instructors, presenters, volunteers, and donors who helped make this event a success.



Arizona Game and Fish biologist Randy Babb with one of his feathered friends



Cowgirls Forever and the Dutch oven cooking class

BOW: First Year

By Lisa Bunch

Well, a year has passed since I attended my first BOW workshop, the Deluxe BOW held at Saguaro Lake Ranch February 2006. Finding out about BOW was an accident – I was looking for information on wildlife photography on the Internet when I came across the result from my query. I clicked on the link, and was amazed to find a weekend outdoor workshop devoted to women only. What a great concept! I am now addicted to BOW workshops so I thought I would share some of the experiences I've had the last year, especially about the people that make BOW so special.



Friday morning I arrived at Saguaro Lake Ranch and went to the lodge to check in. At the desk, I was met by a nice young woman named Kimberlee Kreuzer. She cheerfully gave me a badge, a plastic bag from the AZGFD containing brochures, pamphlets, and other goodies, and gave me directions to my cabin. I learned later that she is one of the hard working staff of the Arizona Wildlife News and BOW. She is fun to talk to and enjoyable to be around, and her presence at BOW enhances the experience for everyone who attends.

The Trick, Track and Trail class is where I met Amanda Moors for the first time. I was impressed with her knowledge and hard work on that class. Though she is a biologist with a Master's degree in wildlife management, she is informative without being condescending or pompous. She is good company when walking outdoors, as she shows her amazement and awe when finding signs of wildlife. You can't help but get interested and enthusiastic about flora and fauna when walking with Amanda.

I met Mark Hullinger in the Desert Survival class. Mark seems to be a blend of outdoorsman, cowboy, mountain man, and miner rolled into one. He is so likable that I enrolled in his Land Navigation class just so I could hang out with him. One of the founders of Arizona BOW, he attends every one that his schedule will allow. At the Prescott BOW, he starts and maintains the campfire at night as we gather around and swap stories of the day's adventures.

THE person who helps BOW workshops run smoothly is Linda Dightmon. Linda reminds me of a hummingbird: bright, perky, and always zipping from place to place, getting things done. She walks around the grounds carrying a clipboard with "Legally Blonde" in pink letters on it. Her great sense of humor and sparkling personality never succumb to the stress and hard work she must endure to make each BOW a success.

Since BOW is for women, and women just LOVE to shop for clothes, there is a "BOW-tique" of tables full of various shirts, sweatshirts, hats, and aprons. Running this souvenir shop is none other than AWF board president Mary Jo Forman Miller. Mary Jo packs and unpacks these items so we attendees can bring home souvenirs while the proceeds from the sales benefit wildlife. Even though by now I have plenty of shirts, I find myself always contributing for more.

Deluxe BOW attendees are the lucky audience for the live animal presentation by Randy Babb, biologist for the AZGFD. Raptors, snakes, Gila monsters, tarantulas, Randy handles them all, taking them out of their cages (ok, except the rattlesnake) so we can have an intimate presence with them. We listen, ask questions, and marvel at their beauty, leaving his talk with greater appreciation and understanding for wildlife that is rarely seen.

The Rappelling class is where I met Jeff Sorensen. He is

another wonderful biologist from the AZGFD who volunteers his time for us, and is easily identified by his black cowboy hat and big grin. We could not ask for a better instructor. His patience was really put to the test as we women tried to put on those harnesses. "Which is the front?" "Is this rightside up or upside down?" "Do our legs go in here?" "Where do these straps go?" It was hilarious looking back on it. Jeff just smiled and quietly helped one woman after another. His easygoing friendliness gave us confidence to go over backward down a rock face and have fun doing it.

Andi Rogers was our instructor for Wilderness Medicine. What a useful class! There is so much to learn that it could probably be expanded to two classes. She is another one of the quick witted, humorous and fun AZGFD biologists that devote their time to wildlife and education. Andi gave a very interesting PowerPoint presentation about Arizona's bats at the '07 deluxe BOW. She also gives a presentation on Amazing Women at the Prescott BOW's.

It was in April that I met Tice Supplee. I didn't know who she was, but just talking with her around the fire at night, I could tell she was special. When I got home and did an Internet query on her I found out just how special. A biologist and former Game Branch Chief of the AZGFD and current Director of Bird Conservation for Audubon Arizona, Tice is a TREMENDOUS outdoorswoman! Even with all of her allocates she remains humble, generous, and gives her knowledge and time selflessly. I'll go on a bird walk with Tice anytime!

During my first BOW I noticed an elderly man that the long time attendees and BOW staff were very fond of. He had the look of a long time Arizona outdoorsman, and wore a western style belt with the initials "L.V." on the back. "Who is that man?" I asked Linda. She told me about L.V. Yates, of Yates outdoor store fame, truly the Arizona outdoorsman that he appeared to be. This man has probably forgotten more about the Arizona outdoors than I will ever know. He is a fixture at BOW camps, and rightfully so. He helped with the Dutch oven class I attended, told us about the history of Dutch ovens, and even recited a poem about them. He has probably inspired thousands of people to experience the love of the outdoors, leaving a legacy of conservation for generations.

During this last BOW at Saguaro Lake Ranch, I learned the importance of being prepared for anything. I had brought my old compound bow and bow fishing gear in anticipation of learning how to bowfish. Well, the class was cancelled, due in part to me waiting too long to register. Since I had already had Amanda Moor's class and heard Randy Babb's live animal talk at the last Deluxe BOW, I was offered a position in the Field Archery class. Luckily, since I live nearby, my husband delivered my arrows so I could attend the class with two other women. Boy was I glad I did, because I got to know world-class archer Kathy Green. We shot the first fourteen stages of the field course at Usery Mountain Park, and we had a blast! I shot bare bow because I never got around to getting sights and eventually lost interest. Kathy has re-kindled my interest in archery, and I am looking forward to upgrading my bow and taking more classes with her!

I could go on, and I probably will in future issues, as there are still many wonderful people to tell you about. Some I still have yet to meet, others I want to get to know better. What started as an inquiry to learn how to photograph wildlife has turned into a must-attend event three times a year. Yes, the scenery is nice, the classes fun and informative, but it's the people that keep me coming back for more. Ladies – come and attend a BOW workshop and experience the camaraderie. You'll see what I mean.



The Arizona Wildlife Foundation Board of Trustees have rolled up their sleeves and are hard at work on planning an active calendar of

activities. Sparked by the enthusiasm of the current Board of Trustees, the Foundation is attracting new, well-qualified candidates for the Board on a regular basis. The Annual Meeting of the Foundation will be held in March, settling in a new team of officers for the upcoming year.

A regular part of the Foundation's activities includes representation at all BOW (Becoming An Outdoors Woman) workshops, such as the recently completed Saguaro Lake Deluxe BOW, where Trustees make AWF and BOW merchandise available for purchase by attendees. These funds are used to support Foundation scholarships and activities. The BOW Scholarship Program is part of an expanding menu of scholarship programming, which will include Arizona Family Camp scholarships, and Challenged Children In the Outdoors scholarships.

The Foundations planned activities calendar:

Challenged Children In the Outdoors visit to Southwest Wildlife Rehabilitation Center in late April

Arizona Family Campout at Bradshaw Pines to coincide with NWF's national Great American Backyard Campout event on June 23-24

Arizona Family Campout at Bradshaw Pines in mid-Sept.-details and firm date upcoming

One last piece of exciting news! The Foundation is well into the planning process for gaining its own website with the expert guidance and efforts of Tracy Unmacht. We are anxious to go public with the website address, but that'll have to wait until the work is all completed. Watch for news of that soon!

Images courtesy of Joseph Burke, Kimberley Kreuzer and Linda Dightman

BOW Deluxe: February 2-4
\$420, which includes the trail ride, instruction, program materials, resort style lodging and meals. This workshop will showcase the wonders of our Sonoran Desert.

Traditional BOW: May 18-20 & August 17-19
\$235, which includes instruction, program materials, lodging in rustic cabins and meals. This workshop will be held at Friendly Pines Camp in the tall pines of the Bradshaw Mountains.

All workshops feature evening entertainment, campfires and other night time activities to round out your outdoor experience. Classes include hiking, fishing, hunting, shooting, outdoor cooking, GPS, wilderness survival, rappelling, birding, map and compass, camping, archery and many more!

Discover Arizona

Discover You!

Becoming an Outdoors Woman is an Outdoors Skills Clinic for women. The objective of the program is to provide women with an opportunity to learn basic outdoor skills in a fun, non-threatening manner.

For more Information:
Visit our web site
www.azwildlife.org

Arizona Wildlife Federation
644 N Country Club Drive, Suite E
Mesa, AZ 85201
480-644-0077
Email: awf@azwildlife.org

Mission Statement:

The Arizona Wildlife Foundation is a non-profit organization dedicated to educating the public about wildlife and wildlife habitat.

The Arizona Wildlife foundation was formed in 1967 by conservationists of the Arizona Wildlife Federation. It is a tax-exempt non-profit foundation and is operated by an all-volunteer Board of Trustees. (On file with the Arizona Wildlife Federation). The foundation was on hold for the past 12 years and is now back in operation.

The Foundation has taken a bold new approach providing information to the public about Arizona's rich heritage through development and production of books and related art. The Foundation is active in providing outings to youth and family groups to experience the wonders of nature and the outdoors.

The Foundation relies solely on donations to build and sustain our education and conservation programs. You can contribute to our efforts with donations, bequests, gifts in trust, annuities and life insurance policies

AWF GEAR



- Denim shirts (long and short slv) \$45
- Men's Polo's \$40
- Ladies Twill shirts (long and short slv) \$45
- Men's Twill shirts (long and short slv) \$45
- Green hats \$20



State of the Environment

By Janet Napolitano, Governor of Arizona

Earlier this month, in my State of the State address, I focused on three components of what I call the *One Arizona Plan* – education, foundation and innovation. A quality education system for our children, a broad and stable foundation on which to grow, and an ability to innovate are essential in building a stronger Arizona economy.

Arizona's landscape, its natural splendor and unique wildlife are major reasons Arizona is the fastest growing state in the nation. With this growth comes increasing necessity to further lay a foundation to meet the needs of our population, while being stewards of Arizona's natural resources.

Water

A rapidly growing population coupled with a decade-long drought makes water management essential. It is past time to enact legislation that will give our counties and cities more tools to incorporate the availability of water in their planning decisions. We need to provide communities with tools to restrict wildcat subdivisions, limit development where there is no assured water supply and address the problem of exempt wells. My budget continues the assistance and research provided through the new Arizona Water Institute

To ensure fast-growing communities can afford the water infrastructure they need, I directed the Arizona Departments of Environmental Quality and Commerce to provide longer-term, 30-year financing through a partnership between the Water Infrastructure Finance Authority and the Greater Arizona Development Authority. This approach will save communities millions in interest payments, while providing safe drinking water and protecting our precious water resources.

Air

Growth is healthy in an economic sense, but it can have a significant impact on our state's natural environment, particularly on air quality. In Maricopa County last year, there were more pollution warnings issued than ever before. This is a troubling fact.

We have taken several steps in the right direction as it relates to air quality – for the first time ever, Arizona has protocols for hazardous air pollution emissions and a strong rule for addressing mercury emissions. I also issued executive orders directing state government to reduce particulates and green house gas emissions. This is a great start, but we still have much to do.

I recently signed Executive Order 2007-03 or Improving Air Quality to focus on high-growth areas and reduce emissions from all sources – including cars, industry and development. I want to mitigate impacts from development and ensure consistency when it comes to burning on no burn days.

Forest Health

It is also important that we continue to monitor and sustain

the health of our forests. I will continue the work we began two years ago when we gave counties the authority to adopt and enforce a wildland fire interface code.

This year, we will take this a step further by establishing a state wildland/urban interface code to ensure all communities have basic protections from devastating fires. In my State of the State, I also called upon the Legislature to amend state statute to ensure Arizona maintains a fire code that is up to date.

Growth Cabinet

Natural resources and issues related to our national environment must be approached in a comprehensive, coordinated way. That is why I am expanding the scope of my "Growth Cabinet" – a group that includes the directors of agencies that deal with growth-related issues. I have directed my cabinet to develop – within 120 days – an implementation plan for a smart growth and development process.

The Growth Cabinet will also ensure that all state agencies and stakeholders are working together on critical growth issues – for example, creating a water development fund for rural Arizona, and ensuring that infrastructure is built in a manner that contemplates the effects of development on our water quality, air quality and wildlife.

Mothers Day Gift Idea!

Could your mom be an outdoors woman?

Becoming an Outdoors Woman Spring Workshop
May 18-20

Hiking
Camping
Canoeing
Fishing
Outdoor Photography
Hunting
Rappelling
Dutch Oven Cooking
Many More

www.azwildlife.org for more information
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AWF Round Up

Meet Your Board



Mary Jo Forman-Miller - President

Mary Jo Forman Miller is a retired attorney who currently serves as President of the Arizona Wildlife Federation. In addition, she is a certified Backyard Habitat Steward, has served on the National Wildlife Federation Bylaws Revision Committee, and chaired the National Wildlife Federation Land Stewardship Committee.

In addition to her conservation work, Mary Jo has served as Board Treasurer for Girls Ranch of Arizona, and Trustee for the National Consumer Counseling Federation.

Mary Jo grew up on a farm in Ohio, where her interest in nature and wildlife was instilled and shared by her father and two older brothers.

She and her husband Ken live in Scottsdale, Arizona with their three dogs, and they enjoy hiking, camping and fishing in their spare time.

Tony Bossart Director AWF

Tony was a professional in the health field in the State of Washington before retiring and locating to Arizona. Tony currently lives with his wife in Scottsdale

He holds a Bachelor of Science degree in Microbiology and Public Health.. His graduate studies include public health, law and public administration.

He has supervised programs dealing with chemical and physical hazards. He was the project manager for Seattle-King County of public Health. This is Tony's second year as a member and volunteers his time with the many events the AWF is involved in.



Ryna Rock-Vice President of Operations



Raised in Flagstaff, Ryna says exploring the outdoors and sharing those experiences with two sons presented a view of the natural world which motivates her involvement with conservation concerns and projects to this day. A long term member of former AWF Affiliate, Coconino Sportsmen, and a Firearms Safety Instructor, her involvement grew to include the Arizona Wildlife Federation as Life Member, liaison to Kaibab National Forest , volunteer trainer on citizen participation for the Southwestern Region Forest Supervisor , liaison to Coconino Natural Resource Conservation District, and Director on the AWF Board for many years. This was Ryna's "past life".

By 1996, changing circumstances brought relocation to Camp Verde in the Verde Valley where she is owner/operator of a custom picture framing business and explores her own artistic view through the watercolor medium.

In 2001 Conservation came knocking again. Ryna was asked to serve on the Board of the Verde Natural Resource Conservation District and remains active in that capacity. Concerns about water issues throughout Arizona led Ryna to reconnect with the Arizona Wildlife Federation. She became a Director on the AWF's Board and went on to chair the Communications/Public Relations Committee, overseeing major changes to the AWF publication, Arizona Wildlife News. In 2005 Ryna became Vice President of Operations, and is AWF liaison to the Verde River Basin Partnership.

In Ryna's view, life has come full circle. She credits her husband, Ken, with energizing her through his "unwavering support and encouragement". They continue to enjoy an active outdoor lifestyle.



Arizona Builds Wildlife Crosswalk

PHOENIX, AZ—An experimental electronic “crosswalk” designed to keep wildlife and motorists safe will begin operating in Arizona for the first time this month.

The high-tech crosswalk is part of an extensive system of wildlife underpasses and electrified fencing along a 3-mile stretch of Arizona Hwy. 260. The fences are intended to funnel animals to places where they can cross under the road, or, to

the electronic crossing. The crosswalk uses infrared cameras and military-grade software to set off large signs and warning lights so that drivers will be prepared for an elk, mule deer or other animal of significant size.

The Arizona Game and Fish Department says its statistics show more than 200 elk were hit by vehicles on Arizona Hwy. 260 during the past 4 years and that areas where elk are being funneled through underpasses have seen an 83 percent reduction in such incidents.

Invasive Mussels Found at CAP Intakes

Divers have found quagga mussels at Hoover Dam and at the Central Arizona Project (CAP) intakes at Lake Havasu, and officials are seeking help from anglers and boaters to fight this mollusk invasion.

“Once they become well established, quagga mussels can substantially alter an aquatic ecosystem, significantly lower a lake’s productivity, cause damage to boat motors and negatively impact fishing,” says Larry Riley, the fisheries chief for the Arizona Game and Fish Department.

Before you leave the lake: drain and dry your livewell and bilge on land. Drain all the water you can from your engine. Inspect your vessel and trailer, removing any visible mussels, but also feel for any rough or gritty spots on the hull. These may be young mussels that can be hard to see.

Note: On your way home from a lake, try stopping at a do-it-yourself car wash with a high pressure washer (most usually have soap), where you can quickly, efficiently and inexpensively wash down your boat and trailer.

When you get home: Flush the motor and bilges with hot water or a 5-percent solution of household bleach. Wash the hull, equipment, bilge and any other exposed surface with hot, soapy water or a 5-percent solution of household bleach.

Clean and wash your trailer, truck or any other equipment that comes in contact with lake water. Mussels can live in small pockets anywhere water collects.

Air-dry the boat and other equipment for at least five days before launching in any other waterway. This time can be shorter when the weather is hot. For details, visit 100thmeridian.org.

Remove any mud or vegetation from your boat or trailer - mussels can hide and hitchhike in this material. Do not reuse bait once it has been in the water. Remember: Don’t dump your bait bucket in the lake.

Clean sensitive gear (diving and fishing gear) with hot water or a soak in warm saltwater (1/2 cup of iodized salt per gallon of water) and air-dry before use elsewhere.

“We need everyone’s help. These prolific invaders pose a significant, multimillion-dollar threat to our lakes, rivers, streams and water systems. We all have to work together to fight these invaders,” says Riley. Riley pointed out that although the CAP canal is one pathway for these mussels to spread into central Arizona, these aquatic invaders could hitchhike on

boats coming from the Colorado River lakes that have already become infested.

The CAP canal provides water to the interior of Arizona and stretches into the Phoenix and Tucson areas. Lake Pleasant on the northern edge of Phoenix is filled each year with Central Arizona Project water. Efforts are underway to examine this long canal stretching across the state to determine if these mussels have established themselves.

Bob Barrett, a spokesperson for the Central Arizona Project, emphasized that quagga mussels do not pose a threat to the public health or to the water supply. “We’ll do whatever it takes to keep the water flowing. If they begin to build up, we’ll scrape them off.”

The quagga infestation also has spread to Hoover Dam. Bureau of Reclamation divers discovered live quagga mussels while inspecting an intake tower upstream of Hoover Dam on the Nevada side of Lake Mead and at a spillway outlet structure on the Nevada side of the Colorado River, about one-quarter mile downstream of the dam. The dam’s water delivery and power generating functions have not been affected by the mussels.

What are these invaders?

The invading quagga mussel is a close cousin to the zebra mussel. Quagga mussels have been characterized as “zebra mussels on steroids.” Quagga prefer deeper, cooler water and can attach to soft and hard surfaces. These invaders are so prolific that they cover the bottom of a lake and underwater structures with live shellfish. They can even attach to slow-moving animals like crayfish. Moored boats can become encrusted with mussels.

These shellfish eat by siphoning water through the shell. Lake productivity is soon impacted as the plankton is siphoned off by shellfish before other fish, especially juvenile ones, can eat it. Plankton is the bottom tier of the food chain. Fish populations are then restructured, and fishing is impacted.

Since their discovery at Lake Mead on Jan. 6, quagga mussels have been confirmed at lakes Mohave and Havasu, including adjacent to the structures that pump water from Havasu to parts of southern California.

For additional information on this aquatic invader and others, visit the Arizona Game and Fish Department Web site at azgfd.gov, protectyourwaters.net, 100thMeridian.org, and the U.S. Geological Survey Web site.

AWF Round Up

Johnsonville Breatwurst Big Grill Event



On the 16th and 17th of December at Cabela's your Arizona Wildlife Federation volunteers cooked Brats from 10 to 5 along with the volunteers from the Arizona Elk Society.

The brats were free and donations will be used to further the work of AWF and AES. The crowd of sportsmen and women was large and the donations were generous. A BIG thank you goes out to the Johnsonville folks for their donation of the Brats and the 65 ft. Big grill. AWF & AES each received \$2680 in donations.



AWF members Tony Bossart and John Koleszar are all smiles as they grill up some brats.

Tribal Lands Climate Conference

Last December 4th through the 7th, AWF, represented by Mary Jo Miller, Ryna Rock, Tony Bossart and John Underwood, attended and helped with registration and other duties to help facilitate the Tribal Lands Climate Conference in Somerton, Az.

The event was sponsored by the National Wildlife Federation and the Cocopah Indian Nation and attended by representatives from over 40 tribes. The three-day meetings were to discuss the devastating impacts of climate change by comparing their historical experiences and knowledge to the natural cycles and resource availability they observe today. Indigenous people are among the first to experience and document these impacts. The conference was hailed as a big success by the Tribal Representatives. More conference's are in the planning stage.



GUN CLEANING KITS
BLACK POWDER KITS
HUNTING, OUTDOOR
AND PERSONAL
SAFETY ACCESSORIES



Camp Cook

by Ryna Rock



This issue we honor a man who has been gone from us for some time, but was a faithful AWF member and friend to the outdoors all his life. Flagstaff resident, Lamar Haines, was a high school science teacher, track and football coach, and was active in Boy Scouts, Elks, American Legion, and the AWF affiliate, Coconino Sportsmen.

His mastery of outdoor cooking was well known throughout Northern Arizona. The recipes printed below were some of Lamar's favorites. I had the honor of serving as a "helper" to this fine man on several outdoor cooking occasions and can attest to their tastiness.

Sourdough Starter

Beat together 2 cups flour and 1 cup water to make a batter. Put in a crock or keg (never metal) and place in a warm spot for several days. Do not let chill. In a bout 4-5 days batter should be lively enough to use. After use, replace each cup with 1-cup flour and ½ cup water.

Sourdough Pancakes

Put 1-cup starter in large bowl. Add 2 cups lukewarm water and 2-½ cups flour. Mix well, cover and leave in warm place overnight. Next morning, add 2 Tbsp. oil, ¼ cup of milk, 1 tsp. salt, 1 tsp. baking soda and ¼ cup sugar and mix well. Fry on hot griddle, lightly greased.

Sourdough Corn Bread

Mix 1 cup starter, 1 ½ cup evaporated milk, 1 ½ cup corn meal, 1-cup flour, ¼ cup sugar, and 2 eggs thoroughly in a large bowl. Add ¼ cup melted butter, ½ tsp. salt, 1 tsp baking soda and mix well. Turn into 10 inch greased frying pan and bake in 450-degree oven, or in covered, greased dutch oven with hot coals for 25-30 minutes.

Sourdough Biscuits

Mix well ½ cup starter, 1-cup milk, and 1 cup of flour in

large bowl. Cover and store overnight in a warm place. Turn soft dough out onto 1-cup flour on counter or board. Sift over the top ¾ tsp. salt, ½ tsp baking soda, 1 tsp. baking powder, 1 Tbsp. Sugar, and ½ cup flour. Mix with hands and knead lightly. Roll out to one-



inch thickness. Cut biscuits, dip in warm fat, and place close together in dutch oven or heavy pan. Let rise for half an hour in warm place. Bake at 375-400 degrees or with hot coals 30-35 minutes. Note: Dipping or brushing the dough with warm fat or butter thickens the crust.



An advertisement for Bear Mountain Sports. It features a colorful background of a sunset over a mountain range with a bear silhouette. The text reads: "BEAR MOUNTAIN" in a red oval, "ARCHERY GUNS AMMO FISHING" in orange, "899 E. Southern in Mesa" in white, "480-926-7161" in white, "www.bearmountainsports.com" in orange, and "Order Guns Online" in white.

Membership



By John Underwood

Every Sportsman/Sportswoman in Arizona Should Belong To The ARIZONA WILDLIFE FEDERATION

The AWF is a statewide organization that was organized as the Arizona Game Protective Association in 1923 to safe guard our privileges of hunting and fishing by insisting on sane administration of the states natural resources, thus avoiding repetition of the almost total extinction of game experienced in many eastern states. There, organized sportsmen have brought back wildlife through organized action; here, Arizona's organized sportsmen have been responsible for the maintenance, and in some cases, the increase, of the state's wildlife. Thus the A.G.P.A. and AWF's results have not been so spectacular, but have been effective.

The AWF can rightfully be a little proud of its accomplishments. But leaders in conservation are agreed that the battle is not yet won, that it will probably never be won until every person recognizes that only through the proper use of our natural resources can we maintain prosperity.

AWF is so concerned with the broad aspects of conservation, because it recognizes that only with the highest type of land and water use can game and fish supplies be maintained. When land begins to go downhill, game and fish are the first to follow.

The only source of funds are, private individuals, corporate sponsors, affiliate organizations, fundraisers and membership. If you enjoy the outdoors, even if hunting and fishing are only secondary in your enjoyment, you'll want to help maintain our natural resources, for ourselves and our children. YOU CAN MAKE THE DIFFERENCE BY SUPPORTING THE ARIZONA WILDLIFE FEDERATION

If each member signed up just one new member, AWF would double our membership. So lets get out and get those new members and make a difference!

We would like to extend a special thanks to all of the Arizona Audubon Members for the outstanding response to our call for membership.

Roberta Eisman Goldstein	Tucson
Terri J Carper	Phoenix
Doug & Darlene Newton	Tucson
Peter Hershfield	Peoria
Linda Hitchins	Scottsdale
Deane Hargrave	Clarkdale
Dolores Cenewa Schlegel	Tucson
Paula Leo	Paradise Valley
Warren Goff	Casa Grande
Lovely Adjusting & Consulting	Flagstaff
Joanne & Harry Mayo	Tucson
Hector Ligia Garcia	Tucson
Jack & Terry Drucker	Sedona
Rob Kueker	Litchfield Park
Rebecca Stapleton	Scottsdale
Ralph & Linda Jensen	Phoenix
Ruth Eckert	Scottsdale
Ruth S Cole	Fountain Hills
Al Salembier	Parks
Scott Agran	Scottsdale
Norbert Lenhard	Scottsdale
Shirley S Davis	Tucson
Clifford B Julande	Tucson
Darla Masterson	Tucson
Meg Buchanan	Tucson
Anne Yoshino	Tucson
Penelope Hedden	Mesa
Josephine A Nelson	Fountain Hills
Jack Naperala	Scottsdale
Jean Greenlaw	Phoenix
Susan Johnson-Ash	Scottsdale
Susan Parker-Hotchkiss	Tucson
Joanne G Keim	Sonoita
Anne Olson-Scribner	Green Valley
Rita French	Wickenburg
George J Itule	Tucson
Lila & Bernard Greisman	Tucson
Linda Yocum	Tucson
Monica Smith	Tucson
Marjorie Roberts	Tucson
Kenneth Williams	Green Valley
Luci Shaw	Payson
Marilyn Poncey	Sun City West
Joanne Archerd	Scottsdale
Nancy Lange	Hidden Valley
Betty Gallimore	Phoenix
Richard A Colby	Sun City West
James Kelley	Scottsdale
Joe Maierhauser	Vail
Elizabeth Vlassis	Phoenix
Bette R Zatuschni	Tucson
Jan Brandon	Tempe
Jacqueline Rousseau	Peoria
Janet Baker	Tucson
Jean Besich	Tempe
Don Crowell	Tucson
John Ruger	Kingman
Sherie Steele	Tucson
Barbara A Spiers	Green Valley
Donald E Jordan	Prescott
Dr. Marie Fenske	Phoenix

Welcome New Members

New Members

John Warren	Higley AZ
Tommie Sisco	Phoenix, AZ
Donald Hoffman	Alpine AZ
Tom & Lois Large	Glendale AZ
Chris Woodard	Florence AZ
Johnny Burris	Peoria AZ
Lynn Brewer	Phoenix AZ
John Gale	Boulder CO
Peter Hershfield	Peoria AZ
Jim Adriance	Carefree AZ
Ron Marcotte	Fountain Hills AZ
Roger Kingston	Peoria AZ
Jan Bernardini	Tucson AZ
Nancy Bremner	Wilmette IL
Vivian Burnett	Bainbridge I WA
Judi Carlson	Elmhurst AZ
Mary Carter	Gilbert AZ
Debbie Cook	Phoenix AZ
Janine Dalrymple	Tucson AZ
Tracy Fifarek	Flagstaff AZ
MaryGrass	Gold Canyon AZ
Mary Grummer	Downers Grove IL
Ann Hare	Parks AZ
Kim Henry	Tucson AZ
Annie Johnson	Flagstaff AZ
Mari Koerner	Phoenix AZ
Jane Mitchell	Cold Spring MN
Lesley Monfardini	Apache Junction AZ
Peggy Morrison	Apache Junction AZ
Barbara Morstad	Gold Canyon AZ
Pamela Rice	Lake Forest IL
Marge Rubin	Prescott Valley AZ
Chad Witty	Tucson AZ

'WHADDA YA' KNOW Answers

1. Grizzly Bears were common to Arizona until the mid 1930's.
2. Walls near the Spring contain small fossils from a sea, which covered the area 350 million years ago.
3. Near Fossil Springs a flume and the Irving and Childs Power Plant were built in 1916.
4. Water removed for various uses leaves only 10% of their length free flowing.
5. Prescott, Arizona in 1863.
6. Confronting Global Warming
Protecting and restoring wildlife
Connecting people with nature
(from page 5)

By Kim Kreuzer



Please take a moment to review the list of Life Members and past Benefactors to make sure we have not missed anyone.

If you want to add someone to the list or upgrade your own membership status, please use the membership form provided below.

AWF Membership Application

Name _____

Address _____

City _____ State _____ Zip _____

Phone _____ Email _____

Check Enclosed!

Please bill my Mastercard Visa Discover

Expiration Date: /

Signature _____

\$30 Individual
 \$45 Family
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 \$500 Life Member
 \$500 Benefactor
 \$75 Small Business
 \$500 Corporate

All Membership fees are tax-deductible

Mail To:
Arizona Wildlife Federation
P. O. Box 51510
Mesa AZ 85208

Arizona Wildlife Federation Life Members

Alan Abel	Tucson	George Flener	Mesa	Heather Litton	Phoenix	Jack H. Simon	Phoenix
William Acheson	Flagstaff	James E. Frye	Mesa	Long Valley Service	Happy Jack	Jim A. Slingluff	Tucson
Patsy Apple	Phoenix	Steve Gallizioli	Fountain Hills	Don Luke	Phoenix	Dale Slocum	Phoenix
Jeff Augustine	Scottsdale	John Gannaway	Phoenix	Jerry Marquis	Page	Randy Sosin	Sedona
James Baldree	Phoenix	Gilbert F. Gehant	Mesa	Christina Mathew-Bowers	Phoenix	Wendell G. Swank	Cottonwood
John Bauermeister	Scottsdale	Fred Gerhauser	Peoria	Patricia A. McNeil	Payson	George L. Sypherd	Sun City West
David Beaty	Mesa	Donald Gerould	Sun City	Duke Mertz	Chandler	Lewis N. Tenney Jr.	Heber
John R. Beck	Peoria	J. David Gibeault	Tucson	David & Victoria Morgan	Anthem	Larry Thowe	Page
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Clifton E. Cox	Tucson	Bunny Huntress	Tempe	Robert & Marilyn Recker	Sun City	Chuck Youngker	Buckeye
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Arizona Wildlife Federation Benefactors

Honoring the memory of sportsmen and sportswomen through a \$500 Benefactor Membership

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Doug Baker	Tucson	Ivy Hanson	Carefree	Emmett Reyman	Mesa	John C. Underwood	Tempe
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