

Visit us online at
www.libertywildlife.org

Wing BEATS

A publication of Liberty Wildlife

NEW

State-of-the-Art Hospital

Medical Services

page 20

Explore Liberty Wildlife

The Welcome Mat is Out

page 12

Schematic

page 14

from the director's chair



Oh The Possibilities

As we begin to settle into our new campus, I am overwhelmed by the many possibilities ahead of us to serve the community and nature. This issue of WingBeats is dedicated to making each of you aware of what we plan to do.

Oh, the possibilities...*Medical Milestones*

Of course we will continue to assist wildlife, but it is a whole new ball game. We know that you have choices when you are searching for help for a wild creature in need. You have invested time and energy in getting help...all of that effort on your part is worth getting the best help you can get, and we believe we can provide it like no one else. Our hospital wing is so state-of-the-art that it defies what has been done with wildlife in the past, not just in the southwest, but all over the country. Our skill and knowledge gained over the last 36 years is finally fully exposed. Our set-up and equipment, including our digital x-ray, will allow us to give any wildlife we receive the very best chance at survival and ability to be released back into the wild. Our care will be instant, no waiting for a drive to another clinic for x-rays or waiting lengthy periods for tests that we can now do in-house. Broken bones will be properly pinned, checked on instantly, and allowed to start the healing process the day it comes in. Veterinarians will be on duty every day of the week to provide the professional experience necessary. And, let's not forget the ability for the public to view through special windows, the activities in triage and surgery...a precious peek into the rehabilitation process.

Oh the possibilities...*Educational Excellence*

Our robust education programs have been limited to out-reach, to a classroom period, to the constraints of a community event. While all of those occasions will continue, our on-site programming will take our education to a whole new level. Our trail through the education enclosures will provide educational information for the interested. Our Living Laboratory will afford hands on, interactive, investigative activities that not only capitalize on STEM experiences, but will also pique the interest of those seeking literary studies, arts, and environmental quests. We will be able to provide camps, intersessions, on-site tours, internships, and residencies. Our Education Center will be the scene of presentations, films, speakers, and inter-classroom activities...fill up the bus and bring on your entire third grade! And, then there is our beautiful amphitheater...it will be the scene of many happenings that only the imagination can conjure up at this point.

The grounds will provide nature/educational activities. The habitat itself can be explored...all three biomes: upper Sonoran Desert, riparian, and wetlands. On-site birding, river exploration, pollinator primacy, and the importance of sustainability in all of our lives will be

the topic of many explorations. Special attention will be given to providing age appropriate programming, volunteer opportunities, and fascinating experiences for the very young to the very adult.

Oh the possibilities...*Technical Assists*

Marrying nature to electronics will be another special feature on our new campus. Cameras in some of the foster care enclosures will allow the public to watch a process of same species raptors caring for orphaned babies throughout the orphan season through our foster care program. Peeking into the process through cameras mounted in cages where only staff and certain volunteers are allowed to enter will give you, the public, a chance to see something that only a few get to experience. Our smart boards/touch screens throughout the training and conference rooms, the board room, the library, the Living Laboratory, and the large classroom will allow us to capitalize on many things educational and inspirational. Screen time will become beneficial time.

Oh the possibilities...*Sustainable Practices*

The story of our campus from its beginning as a reclaimed piece of land to the natural vegetation, the water harvesting, the solar capacity, the reclaimed snow fence wood and all of the latest technology to help us be environmentally sound will be used to tell and tout the importance of living in a sustainable world. Our ability to rent out beautiful spaces

furthering our capacity at financial sustainability.

Our Non-Eagle Feather Repository, unlike any other, is another lesson in repurposing a feather, wing or tail feathers, or other parts of a deceased bird. They go to new lives in regalia, art and religious ceremony. More sustainability, more service to the community, more of doing the right thing.

Our Research and Conservation has a home to show off their projects, their ability to help corporations, agencies and the public with issues negatively impacting wildlife. Already providing assistance across the state, this public venue will be a spring-

board to more opportunities to prevent wildlife from being collateral damage. And, future results from a study by SRP will investigate the why's and how's of electric events and raptors. The power pole installed in our 180 foot flight cage will garner very valuable information to address the negative impact on wild birds and power poles.

I repeat, oh the possibilities.



Megan Mosby
Executive Director

Inside this issue

find updates on:

- 4 Naming of new facility
Grant from the Rob and Melani Walton Foundation awarded to Liberty Wildlife
- 5 Sustainability
See the many ways Liberty Wildlife is supporting and protecting the environment
- 10 Non-Eagle Feather Repository
- 12 New at Liberty Wildlife
- 20 Medical Services
New State-of-the-Art Hospital at Liberty Wildlife
- 22 Liberty Wildlife Kids
- 25 Rental Opportunities
Look no further for a rentable meeting, event, or training space
- 26 Legacy Award
- 27 Wishes for Wildlife
Liberty Wildlife's annual fund-raising event at the lovely Montelucia

feature articles and photographs:

- 6 Pollinators
- 8 Beaver Ex Machina
The history of the beaver and its changing environment
- 11 Geocaching
Begin the search!
- 16 Diversity in the Upper Sonoran Desert
- 18 Wildlife photographs
Liberty Wildlife volunteers share their amazing wildlife photos
- 23 American Kestrel - Nest Box Program

WingBeats is an annual publication of Liberty Wildlife, Inc. issued to supporters of the organization.

Editorial staff: Megan Mosby, Terry Stevens, Carol Suits
Contributing authors: Gail Cochrane, Nina Grimaldi, John Glitsos, Claudia Kirscher, Gregory Martin, Robert Mesta
Newsletter design: Cindy Gort

Cover Photo:
The Rob and Melani Walton Campus of Liberty Wildlife at night by Terry Stevens
Back Photo: common yellowthroat by Christy van Cleve

For more information, please contact:
WingBeats Staff, Liberty Wildlife
2600 E. Elwood Street
Phoenix, AZ 85040
Wildlife Hotline (480) 998-5550

Visit our website at
www.libertywildlife.org

Reprints of articles may be possible with written permission.

Copyright © 2016
Liberty Wildlife, Inc.

Printing provided by SRP



Red-tailed hawk - Photo by Alan Spencer

The Rob and Melani Walton Campus of Liberty Wildlife

Education
is the most
powerful
weapon we
can use to
change the
world.

*Nelson
Mandela*



Melani and Rob Walton

We are thrilled to announce that Liberty Wildlife has been awarded a grant from the Rob and Melani Walton Foundation for \$2,000,000 in support of our new facility and ultimately to the mission of Liberty Wildlife.

Rob and Melani have been known at home in Arizona and around the world for their generous support of conservation, environmental and sustainability initiatives. They have given of their own resources and of their own spirit and energy to support the mission of their foundation.

We are humbled by their generosity and blessed to have them here in our community.

We are pleased and honored beyond words that their names will appear on our new building which is located on the south bank of the Rio Salado in the Rio Salado Restoration Area. Our facility will be known as **The Rob and Melani Walton Campus of Liberty Wildlife.**

Sustainability

at the new Liberty Wildlife facility



Site

- Rehabilitation of former sand and gravel pit brownfield site
- Restoration of native landscape habitat (*top photos*)
- Develop demonstration wetland to provide riparian habitat interpretation
- Pollinator gardens designed to attract bees, butterflies, hummingbirds
- Bio-swales designed to capture and clean stormwater and recharge ground water aquifers (*photo top left*)
- Electric recharge stations for electric cars to be available

Water

- Roof designed to collect and store rainwater in cisterns for landscape irrigation (*photo bottom right*)
- Xeriscape landscaping allows for desert friendly landscaping with minimal irrigation needs
- High efficiency irrigation system that utilizes stored rainwater
- High efficiency plumbing fixtures that reduce water consumption

Energy

- PV solar system generates renewable energy on-site and returns excess energy into the grid

- High efficiency mechanical system reduces energy demand
- Energy efficient LED lighting
- Roof overhangs shade glass and outdoor spaces

Resources

- Wood used on skin of building is reclaimed snow fence wood (*background photograph*)
- 90% of construction waste will be recycled
- Building utilizes many recycled materials
- Local materials sourced from within a 500-mile radius



Pollinators

Fierce competition comes with the territory in nature, yet here we also find one of the great partnerships of all time.

by Gail Cochrane

More than one hundred million years ago an allegiance formed between flowering plants and insects. That pairing created a burst of co-evolution that exponentially increased the numbers of species in both groups.

Flowering is all about sexual reproduction, of course. Pollen is the male gene bearer of a plant, and it must travel from anther to stigma in order for the plant to create offspring in the form of seeds. Some plants do this with the help of the wind. These plants have modest, nondescript flowers, but produce vast quantities of pollen. With the help of the breezes, some of the tiny grains eventually find their target. Grasses, the sixth largest family of plants with over 9000 species are wind pollinated.

Other species diversified from this model, and with a leap of creativity, flowering plants or angiosperms called on insects to carry their pollen – to be the go-between, if you will. These plant species developed flowers designed to attract specific insects, birds and even mammals to aid in their procreation.

Think of flowers as the plants' advertisements – calling out to passing insects with colors and scents, and carrying promises of a better life. The plants deliver by providing amino acids, proteins, fatty acids, vitamins, minerals and carbohydrates in their pollen, and energy packed sugars in their nectar. They reward insects, birds and bats that visit their blooms with the required fuels for flight.

Photos - Top: Palo verde in bloom; Middle left: bee on globe mallow; Bottom left: Costa's hummingbird at a penstemon flower

Advertising and reward systems are costly to produce. Many plants evolved so that only those insects and birds that would actually carry out pollination would be rewarded. This system of specialized partnerships between plants and their pollinators is called mutualism. Flowering plants are now classified into “syndromes” based on their pollinators.

For instance, desert plants pollinated by hummingbirds bloom in bright colors during the day. The tubular flowers dangle enticingly from the plants. This suits hummingbirds perfectly. They hover at the blossoms, and their long beaks and tongues probe down the throat of the flowers for nectar. Hummingbirds don’t have a sense of smell so these plants don’t waste energy making fragrance. Sweet nectar provides fuel for the high metabolism of the hard working partners. Plants pollinated by hummingbirds include penstemons, sages, chuparosas, and Arizona yellow bells.

Chiropterophilous plants are adapted for pollination by bats. These plants unfold their flowers at night. The heavy blooms are positioned high overhead and pointed to the skies. Heady scents float on the night air, and plentiful amounts of pollen are proffered to passing creatures. The amino acids contained in the pollen match the bats’ nutritional requirements precisely. Sugars in chiropterophilous plants propel the northward migration of lesser long-nosed bats. These mammalian pollinators chase the bloom of organ pipe and saguaro cacti north through the Sonoran Desert each spring. In the fall the bats fly south boosted by shots of nectar offered by blooming agaves.

Among the most essential groups of pollinators on Earth are the bees. Female bees of nearly all species forage for nectar and pollen. Flowering plants provide the proteins and sugars the adult and larval bees need to survive. Because of bees, plants are able to produce seeds for subsequent generations of plants. Because of bees, plants produce fleshy fruits and fat berries that feed birds and mammals. Palo verde trees, a keystone species of the Sonoran Desert are pollinated by swarms of species of native bees; including seven species of solitary bees, sweat bees, leaf-cutter bees, bumble bees and carpenter bees.

Moths, those less glamorous and more nocturnal cousins of butterflies, are important pollinators of native plants. In the larval stage we call their caterpillar’s hornworm, looper and armyworm. All of these species are capable of denuding a plant in no time. For the most part, adult moths feed opportunistically on nectar provided by a wide variety of flowers. However, small white moths of the genera *Tegeticula* and *Parategeticula* have a strictly mutualistic arrangement with yucca. The moths evolved with mouthparts perfectly suited to actively fertilize yucca plants. They ball up a wad of pollen and stuff it into the cavity of the

stigma, then lay an egg on the bloom. The young caterpillars hatch and feed on the seeds that follow the flower.

Beetles, ants, white-winged doves, butterflies. These are all pollinators that strive to ensure the success of the plants they depend on. Monarch butterflies have a close relationship with milkweed plants. These migratory butterflies must lay their eggs on milkweed along their migratory corridors as their caterpillar young eat only milkweed. However, Monarchs have not been able to protect milkweed along their migratory routes from eradication. Herbicides and habitat loss are wiping out these hardy weeds, leaving barren stretches the butterflies must traverse without feeding or laying eggs.

Plants are the most recognizable elements in a biotic community. Pollinators are surely the least obvious and least appreciated members. But if not for the pollinators to ensure seed set, flowering plants would soon disappear. We are recognizing the importance of pollinators even as their numbers plummet. Native plants, fruit, and vegetable crops suffer from lack of pollinators as overuse of herbicides and pesticides and fragmentation or outright loss of habitats impact these crucial partners of plants.



Anicanthus and penstemon

It’s not news that loss of biological diversity is already underway on our planet. Warning signs from wild habitats that have suffered disruption should be heeded by us all, because that is only half the truth. Agricultural crops are affected as well. One in every three mouthfuls of food a person eats is prepared from plants pollinated by animals. This is surely food for thought.

Sources:

A Natural History of the Sonoran Desert edited by Steven J. Phillips and Patricia Wentworth Comus

The Forgotten Pollinators by Stephen L. Buchmann and Gary Paul Nabhan



Beaver Ex Machina

by Gregory Martin

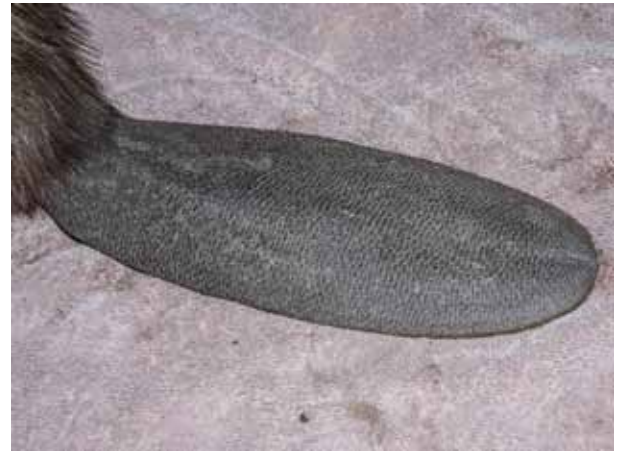
While every animal has its place as a cog in the great natural machine, only a handful can rightly claim to play an outsized role, not merely as participants, but driving forces, engineers of sorts, whose actions help keep the whole thing in motion. The beaver once occupied a special niche as *the* engineer of the American wilderness, at least until colonial-era trapping all but obliterated them from many of their ancestral habitats. Modern conservation efforts have made strides in combatting the sheer scope of that devastation by reintroducing beavers into their former territories, such as they still are. And while such methods have proven somewhat controversial, since there are few landscapes left where the beavers can go about their work free of interaction with the labors of man, it should be said that this program is about more than just correcting the near-fatal exploitation of a classic American mammal. Beavers, after all, are Mother Nature's mechanics, and as these reintroduction projects have recently shown, when it comes to repairing long-standing damage to the natural world, the work is often best left in the hands, or rather paws, of those that know it best.

The largest rodents in North America, these sixty pound, wood-hungry watermen do *far* more than chew trees, dam

ivers, and create ponds; prior to being systematically purged from territory after territory, millions of beavers oversaw the continual restoration of habitats from coast to coast.¹ They do so on a necessarily smaller scale now, though one that has gradually expanded as more releases demonstrate the value of their restoration. Each step in their timeless process provides distinct benefits to countless species of both flora and fauna, as well as to the very soil itself. The dams and lodges they build to protect themselves and their families have the secondary effect of diverting streams and rivers, creating new riparian areas. These newborn wetlands offer shelter and food to myriad creatures, while simultaneously providing spent soil a chance to recover, lying fallow beneath nutrient-rich water from the resulting flood. The cycles of the natural world, each inexorably locked together, are on full display in the beavers' handiwork. Once upon a time, other species planned their own behavior around this renewal process, with some leaving and others arriving in tune with the changing landscapes brought about by these incredible construction projects.

¹ https://www1.maine.gov/ifw/pdfs/species_planning/mammals/beaver/speciesassessment.pdf

Typically, beavers themselves only remain in a given area for a period of two or three years, after which they move on, leaving their dams to decay. This does not mark the end of their contribution, however, but simply the next step in their janitorial upkeep of the surrounding landscape. Without the maintenance provided by their former inhabitants, the dams inevitably give way to water pressure; the river or stream rights itself, regaining its original course. The surrounding riparian areas drain, exposing that long-inundated soil, which suddenly returns refreshed and more fertile than ever, ready to cater to an entirely new set of flora and fauna, all while the masterminds themselves repeat the process further down river. The environmental aftereffects of such a dramatic decline in a keystone creature are still being contemplated, but rarely can it be said of a single species that so much depended upon it.²



Close-up view of beaver's tail - photos by Terry Stevens

So where are these engineers now? Pre-Columbian population estimates place the number of beavers in North America *prior to European colonization* at somewhere between 60 and 400 million.³ A 1988 survey, conducted long after the end of large-scale fur trading, and with the beavers benefitting from regulations managing future trapping, concluded that roughly 10-12 million beavers remained in North America, a slim shadow of a species that once worked its magic all over the land.⁴ Today, not only is the species itself starting to recover, but newly released animals waste no time restarting the long-stuck gears, with significant habitat improvements reported in states all across the country.⁵ After all, when it comes to repairing *any* machine, nobody knows it better than the ones who helped build it.



Beaver being examined by Medical Services

² <http://adsabs.harvard.edu/abs/2008AGUFM.H11F0830S>

³ Seton, E. T. 1929. *Lives of game animals*, Vol. 4, Part 2, Rodents, etc. Doubleday, Doran, Garden City, NY.

⁴ https://www.aphis.usda.gov/wildlife_damage/beaver_damage/downloads/Baker%20and%20Hill%20Beaver%20Chapter.pdf

⁵ <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4931505/>



Sandhill crane at dusk - Photo by Mike Ince

PHOENIX RISING

by Robert Mesta

Since Liberty Wildlife entered into an agreement with the U.S. Fish and Wildlife Service to establish the Liberty Wildlife Non-Eagle Feather Repository in late 2010, we have distributed feathers to approximately 2,700 Native Americans, representing 171 different tribes, located in 43 states.

These feathers are used by Native Americans to create religious, ceremonial and dance regalia: coats, skirts, bundles, head dresses, fans, prayer sticks, and other ceremonial implements.

Native Americans throughout their history have sustained a special relationship with the animals in their natural world, particularly birds of prey: eagles, hawks, falcons, owls, and vultures. It is this relationship that shaped their belief system, manner of worship, ceremony, dance and song.

Vital to the preservation of Native American cultures is their ability to access feathers from which they create the regalia essential to the ceremonies that define their cultural beliefs.

As one of only two legal sources of non-eagle feathers in North America, Liberty Wildlife plays a pivotal role in supporting Native American cultures, a role we are committed to maintain and expand in the future.

Liberty Wildlife is in the unique position of being able to take feathers that have fallen to earth, that are no longer able to fly, and give them new life, allowing them to soar once again – in Native American ceremony, dance and song.

Recycling the past to give life to the future.



Geocaching Links Technology and Nature

at new Liberty Wildlife Facility

by John Glitsos, Liberty Wildlife Volunteer

In September of 2000, three technology experts in the Seattle area launched a worldwide phenomenon whose primary purpose was to get people out of their arm-chairs and into nature to hunt for hidden “treasures” using GPS technology. One of the early indicators that this game was going to be important was seeing a previously video-game-addicted young man get up and go outdoors to find a “cache” as the treasures are called.

Today, their game, Geocaching, has over 10 million members, and nearly 3 million caches hidden in 180 countries worldwide. There are caches on the International Space Station, in the Marianna Trench of the Pacific Ocean, and in some of the most beautiful and amazing locations around the world, including a glacier in Greenland.

So what does this have to do with the new Liberty Wildlife facility in Phoenix?

Liberty Wildlife volunteer, Balinda Strosnider, an avid geocacher (with over 4,000 found) had an idea. When our facility was still chalk marks on a dirt lot, Balinda looked at the Geocaching app on her smart phone and realized two things: there was a nature trail immediately behind the property, and there were no geocaches for at least 2 miles in either direction.

She prepared 20 small containers by spray painting them to match rocks, fences, and vegetation in the area. Then she inserted a small paper log sporting the Geocaching logo. This allows people who find the cache to record their find physically, at the same time they record it electronically via the app. Then she mapped out the locations for this new series of caches called “The Raptor Series.” She saved the best location, the front near the Liberty Wildlife sign, for a larger cache that will have small items to trade – take one, leave one – which is a Geocaching tradition. That one will go live just before Liberty Wildlife’s Grand Opening in November.

Each of the caches in the Raptor Series is named after a different species, including bald eagle, zone-tailed hawk, great horned owl, and American Kestrel. There are a total of 19

already in place. They stretch from 16th Street on the west to 32nd Street on the east. They are spaced about a quarter of a mile apart, and hidden carefully, so that just getting the coordinates right is not enough. You need observational skills, and a good deal of patience to find each one! (See photo below)

Cleverly hiding the caches is another characteristic of Geocaching that makes the game more fun and challenging, and differentiates it from Pokémon Go, which only requires you to be at a location looking diligently at your device rather than the world around you.



Geocache locations near Liberty Wildlife

With geocaching the person who places the hidden treasure can go to any length to make it fun and challenging. For example, a stop sign might hold a hidden mini-cache, and the cache itself could be camouflaged to look like one of the bolts anchoring the sign to the post!



Hidden geocache

By placing the Raptor Series, Balinda hoped she would be encouraging Liberty Wildlife visitors to go outside and search for some geocaches while they were there. She also hoped that the series would provide information to people who were on the Peace Trail behind our facility. Her hopes were quickly realized. Within a day, the first geocacher to find the series remarked back to her that he had never heard of Liberty Wildlife, was intrigued and encouraged by the work we do, and was looking forward to the Grand Opening so he

What to see at

Liberty Wildlife

by Megan Mosby and Carol Suits

The welcome mat is out, offering many sights, fun and educational activities and options! Here's an overview of what to expect when you visit.

The Lobby

There is so much to take in as you enter the lobby. You are greeted by a view of Piestewa Peak and the wetlands and the fascination of an airplane taking off or landing, or maybe what catches your eye is the osprey flying over the Rio Salado River. There are two digital signs conveying much interest, including the sustainability features of the facility and their benefits, a nature film and an up-to-date calendar of events. The electronic donor board in itself is a thing of beauty...unique and elegant at the same time. And should you care to make a donation or shop at our store, here's the place to do it. What a great start to a fabulous tour of The Rob and Melani Walton Campus of Liberty Wildlife.

The Walk-Through Aviary

A peek through the windows of the large classroom will let you sneak up on a desert vignette replete with song birds, lizards, small mammals, wading birds and other surprises that can be found in our walk-through aviary. The aviary affords an opportunity to watch a number of species unnoticed by the resident creatures. Observers will be able to see what they are doing, what they are eating, and how they relate. Be sure to check the monitors in the lobby to find out when guided tours through the aviary are scheduled.

The Mueller Education Trail



The Mueller Education Trail winds its way through the education ambassadors' enclosures. Each pavilion houses a different avian species with a viewing front allowing the trail blazer to glimpse the charismatic animals used in our educational programming both on and off campus. Signs inform you of the kind of wildlife that you are viewing and a hand-held map of the area gives you specific information about that bird. A QR code accessed by your smart phone will take you directly to more information about the species that you can read about at your leisure.

The Living Laboratory is an interactive room which houses our reptile, amphibian and insect collection used in our off-site and on-site education programs. Our experienced staff will be thrilled to educate you about native reptiles, and on special occasions hands-on opportunities will exist. This room is home to our live cam monitors linked to our foster care cages. You will get a close-up view of four different raptors fostering orphans of their own species preparing them to be released back into the wild. Staff and volunteers are allowed to enter these foster cages only in camouflage so this personal peek into the process will thrill all! Displays, seasonally appropriate, will inform the guests about natural history of native wildlife including insects, mammals, reptiles, amphibians and birds. Children of all ages will enjoy many hands-on activities designed to encourage exploration and learning about the natural world, conservation and sustainability. There's a reading corner for the very young and a smart board/touch screen providing fascinating learning experiences.

The Living Laboratory



The Gila River Indian Community Education Center



This large room abounds in natural beauty. One side looks out on the amphitheater, another affords a view of the mountains, the wetlands, and the grounds with glimpses of the river banks in the background. The room houses a classroom for presentations, speakers, films, group activities, and any number of other uses. From inside there are windows into the aviary allowing students to spy on a desert vignette. By observing through these portals in the wall students can learn lessons in identifying species, their behaviors, and interspecies interactions. Large screen presentations make the room very versatile and cutting edge informative. Fold in the views, the beauty of a desert sunset, and you have it all.

The Amphitheater



This lovely spot has more possibilities than you can imagine. Wildlife presentations for up to 200 people in the beauty of the outdoors is perfect during most of the year. A spot where there is always a gentle breeze will make a pleasant opportunity to watch the eagles fed by handlers while learning about the

natural history of these beautiful creatures. Guest speakers will enlighten the audience on any number of subjects. It will cradle Liberty Wildlife educational programs for on-site guests and will

be the scene of releases of rehabilitated wildlife.

Surrounding the amphitheater will be interactive displays related to natural history of Arizona and particularly of the Sonoran Desert. Compare your “wingspan”

to that of a condor, eagle, hawk, or an owl. Test your strength against that of the talon strength of one of these birds. See if you can tell what creature has stepped there before you. Have a comfortable view of the wetlands through the seasons. This is education at its best. Natural history in the raw. Bring your binoculars or use a pair of ours and see what you can see as wildlife visits our wetlands, the river beyond or the sky above.

The Wetlands *(photo below)*

Take a minute or more to enjoy the serenity of our wetlands. Signage around the area will explain the importance of wetlands, and the attraction of birds, mammals and insects will add interest to the serenity. This area features a pollinator garden and a butterfly garden. This is a peaceful spot to absorb.



The Rodel Library and Meeting Room

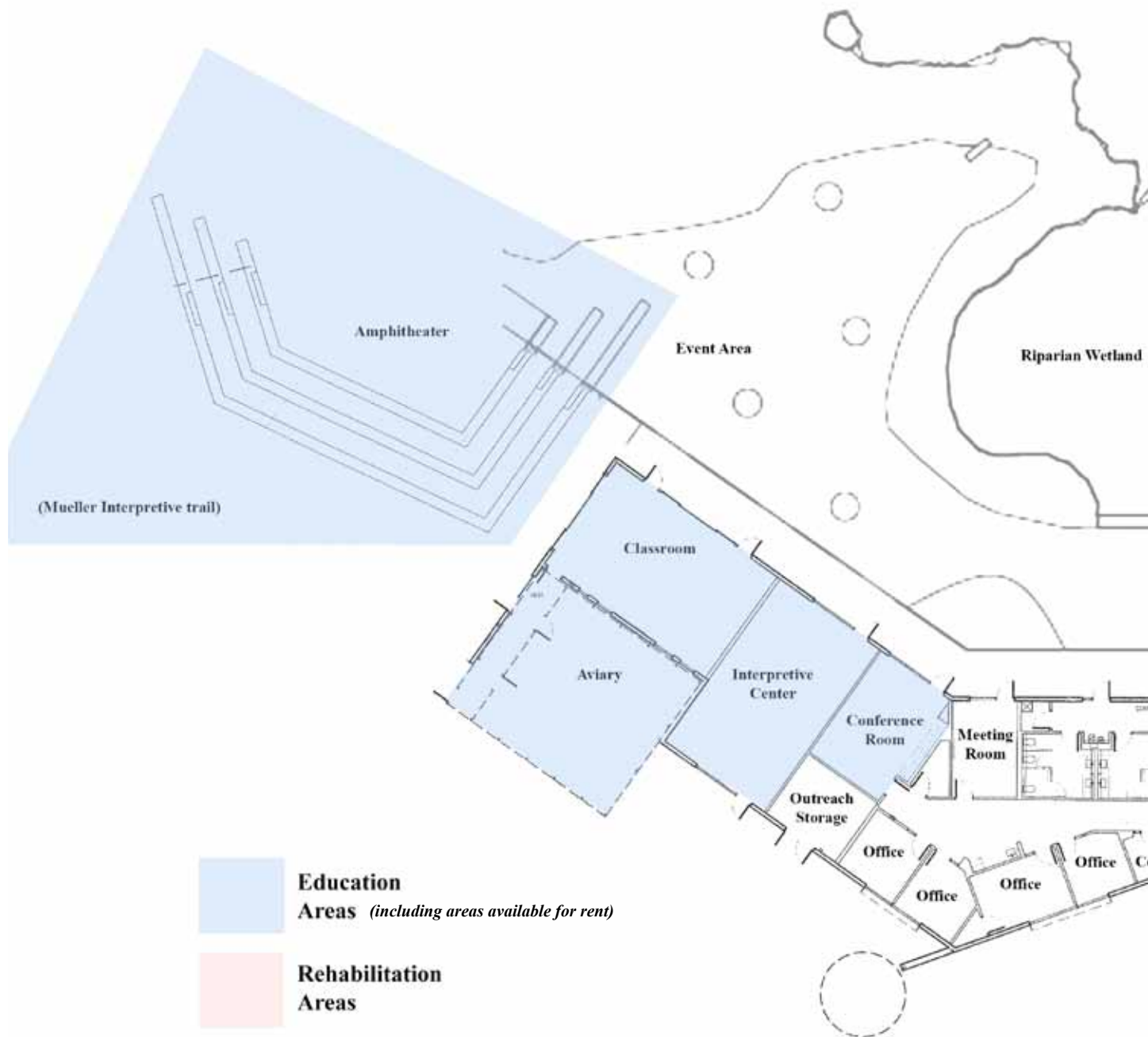


Our little library is small but mighty. A convenient spot for small meetings, for delving into research material or to read one of the many age-appropriate books is possible. If you can concentrate on books and computers instead of staring out at the lovely view, you are welcome to use our resources!

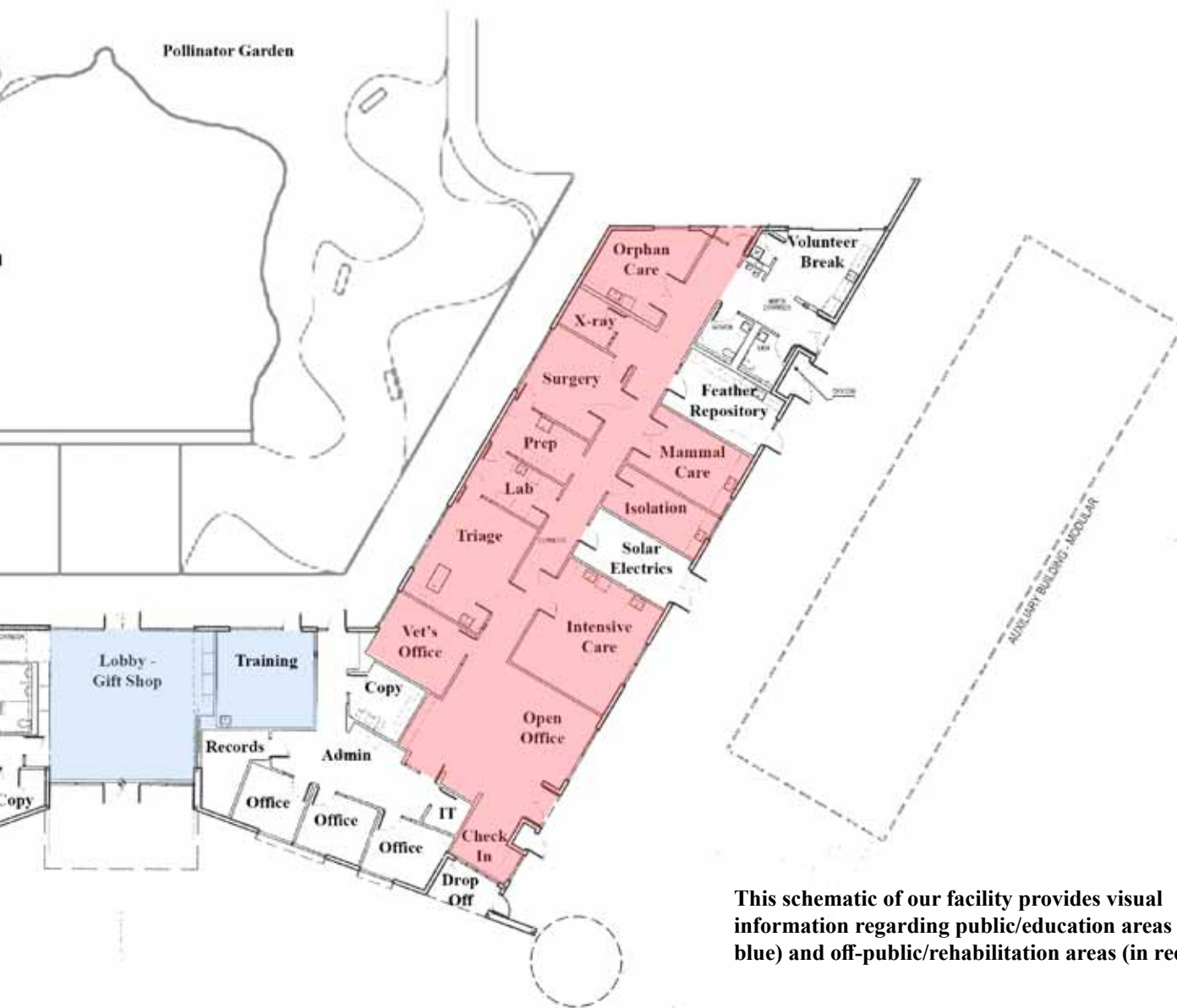
Medical Confidential Exposed

Normally off-site to the public our triage and surgical rooms can be surreptitiously viewed by the public by walking east of the wetlands to the viewing windows over the benches. Surgeries and planned triages will be announced on the daily schedule in the lobby.

The Rob and Melani Walton



on Campus of Liberty Wildlife



This schematic of our facility provides visual information regarding public/education areas (in blue) and off-public/rehabilitation areas (in red).



Photos (left to right):

1. Volunteer group preparing ground for rehabilitation flight enclosures
2. Measuring for perches
3. Completed eagle flight enclosure
4. Resting after a hard day's work!

Photos by
Terry Stevens

Diversity of life in the Upper Sonoran Desert Biome

by Claudia Kirscher



Biome: A large community of plants and animals that occupies a distinct region/major habitat.

In Arizona, the Sonoran Desert has an annual precipitation average of 10 inches or less. Water becomes a precious resource to be husbanded carefully, responsibly, and in a sustainable manner by those humans who share this biome with the vast diversity of flora and fauna that survive here.

It is all about balance. The native wildlife of the Sonoran Desert occupy their own special niche in scrub/thorny desert, chaparral/grasslands, riparian, and wetlands. Often there are overlapping

territories and complimentary survival tactics. A simple yet complex example is that of the river beaver who builds a dam creating a backwater where plants can take hold to create the unique ecosystem of a riparian community. This area of increased vegetation will also aid in purifying the air and water with natural biofilters. Fish and aquatic reptiles find a rich food environment and flourish. Birds are then attracted to the wetland areas to feed on insects, build nests, and raise young. Some avian residents will hunt the aquatic creatures. Rodents move in, attracted not only by available water but by plants and seeds. In turn, larger predators from the upper Sonoran chaparral and desert grasslands such as hawks, coyotes, and foxes will make hunting forays to help keep the rodent numbers in control.



Removing wildlife or altering the habitat with just one or two changes will disrupt that delicate balance. No larger predators will lead to an increase in the rodent populations, which then decimates plants, possibly causing erosion and increasing downstream flooding. No beavers and the riparian scenario does not happen. Diverting or using water wastefully will alter the dynamics of regenerating ground water in the riparian area. Planting nonnative plants will push out native vegetation, potentially disrupting native wildlife food supply with far reaching negative impacts on a tenuous life zone balance.

A fundamental tenet of the Liberty Wildlife mission and vision is community education. Armed with information and appreciation of the beauty and fragile world of our wildlife, each individual can be better prepared to make wise choices in the use of resources enabling the survival, protection, and preservation of our natural world.

We must preserve the balance.

Animals of the Upper Sonoran Desert Biome

Bald eagle
Beaver
Bobcat
Coyote
Dragonfly
Duck
Fish
Fox
Frog
Hummingbird
Mosquito
Osprey
Red-tailed hawk
Snake
Songbird
Swainson's hawk
Turtle
Waterfowl



Swainson's hawk - Photo by Christy van Cleve



Coyote - Photo by Matt VanWallene



Harris' hawk - Photo by Kenny Wilkins



Wildlife

Miquitig

This Page

Top: Great blue heron - *Alan Spencer*

Left: Merlin - *Christy van Cleve*

Right: American kestrel - *Mike Ince*

Opposite page

Clockwise from top left:

Harris' hawks - *Kenny Wilkins*

Bobcat - *Matt VanWallene*

Ferruginous hawk - *Kenny Wilkins*

Prairie falcon - *Christy van Cleve*

Vermillion flycatcher - *Alan Spencer*





From Rough Country Road to

MODERN SUPER HIGHWAY

by Terry Stevens

While the order of events an animal goes through when it arrives for care at Liberty Wildlife has not changed much, the manner in which the activities are accomplished have improved dramatically.



1 As has always been the process, the Hotline volunteer speaking with a caller will determine if an animal will arrive either from the public through the intake window or via a Rescue and Transport volunteer. In either case, once at Liberty Wildlife, the first step is logging the animal into our medical database. The facilities for intake and data entry have been expanded and improved and a special dedicated intake area with more space and accessibility has been provided for the intake volunteers.

If the new arrival is a baby bird found in a backyard, there is now a separate room for raising the cutest arrivals! No longer is Orphan Care sharing space with, and responsible for, the intake window process.

The next stop is triage where the Medical Services team gets their first look at the new animal, and the exams and evaluations begin. While at the old facility this takes place in another part of the same room as the intake, in the new building there is a separate, dedicated room set up for triage. It has the latest equipment and facilities for providing a full exam no matter what the species.

2 In the past, if x-rays were needed, we would have to schedule them at the convenience of one of the local veterinary clinics that would allow us to use their equipment, or wait until the next time our volunteer veterinarian Dr. Sorum brought in his portable unit. This delay could be crucial if life threatening or critical injuries were present. Now, depending on what the initial exam uncovers, an animal can go directly to the radiology room for digital x-rays, or

if x-rays are not required, make a short move across the hall to the Intensive Care Unit (which, at the old facility was also in the same room as intake and triage) where treatment can begin. If a blood test or other microscopy is required, we also now have our own lab where some of the testing formerly outsourced can be done on-site, again leading to quicker diagnoses and treatment.

3 If surgery is indicated, our new surgical suite is next on the list of stops for the patient. At the original facility, operations were performed with a used dental exam light illuminating the same table used for triage. Now we will have a separate room for surgery prep with a door directly into the surgical room where true state-of-the-art O.R. lighting will help the surgeons perform this task on actual surgical tables with oxygen from a central system and a real-time display of digital x-ray images available right in the same room. We have gone from being a "M.A.S.H." unit to being a true modern hospital in every sense.

After surgery, the animal can return to the ICU for recovery prior to being moved outside for exercise therapy and eventual release. Even the flight/exercise training is improved as we now have enclosures of various sizes and lengths from 30 feet up to 180 feet, incorporating angled turns and feeding troughs. Some of these can hold water to contain fish for immature or injured bald eagles to practice their own unique hunting skills (see photos page 15).

After recovery is complete and an evaluation shows the animal is able to survive in its native habitat without fur-

ther assistance, it is taken to a suitable place as determined by our biologists and veterinary staff for release. Of all the things that have changed by moving to a new, clean, modern facility with almost every convenience that can be imagined, the release procedure will not be changed. It remains one of the shortest, most satisfying events along the rehabilitation road.

Upon arrival at the determined location, a short history of the animal's stay with us is recounted (if any people are present), and the carrier is opened, and the bird or mammal exits, usually too fast for even cameras to follow. No one who witnesses the release or sees the animal in the wild in the months to come will ever realize the dedication, skill, and modern technology that

went into bringing this creature back from the brink of almost certain death to again performing its designed function in the environment we all share on the planet!

*Photo on left - surgery in the old hospital
Photo on right - new surgical suite
Photos by Terry Stevens*



*See the schematic on pages 14-15
for Medical Services room locations at Liberty Wildlife*

How You Can Help



Links to Liberty

www.facebook.com/libertywildlife
www.twitter.com/libertywildlife
www.libertywildlife.org/publications/blog
www.libertywildlife.org/publications/nature-news
www.libertywildlife.org/public-calendar
www.libertywildlife.org/publications/wing-beats



Shop

Fry's: www.fryscommunityrewards.com
 Amazon Smile: www.smile.amazon.com
 Liberty Wildlife Store: www.libertywildlife.org



Donate, Sponsor

www.libertywildlife.org

Sponsor an Ambassador
 Join or renew a membership
 Dedicate a brick

Liberty Wildlife Kids



by Carol Suits

Liberty Wildlife is inviting kids to explore ways to engage with nature through activities on and off campus.

The on-campus program provides age-appropriate volunteer opportunities. Some may help in animal related activities such as cleaning and feeding small birds and mammals in aviaries, caring for mice and insects, tending the butterfly garden, or helping to grow things. Others may work on projects such as aquaponics or developing a composting system. Those interested in assisting the public may work in the Living Lab helping staff and volunteers or spend time at the intake window where the public drops off injured or orphaned wildlife. Volunteer opportunities for the very young with their parents can include assembling berry baskets for orphaned baby birds and other similar activities.

Off-campus activities can be for all ages, getting the community involved at school, work, the neighborhood, or house of worship. Here are some to consider:

- A project collecting paper towels and food for baby birds, collecting and delivering fresh produce, seed and food,

fund-raising for wildlife care and release are a few of the many ways individuals and families can help support Liberty Wildlife.

- A fun way to help directly impact wildlife welfare is to be a part of our "Cleanup for Wildlife" Meetup activities found at www.meetup.com/Cleanup-to-Save-Wildlife-Meetup. Here is a chance for everyone to help wild animals by picking up fishing litter at area parks – before it injures or kills a goose, duck, turtle, or fish. You can help by spending 30 to 45 minutes while enjoying one of our beautiful area parks, and meeting great, like-minded people. This activity is also perfect for teachers, coaches, church groups, and others that want to help us help wildlife. You can even schedule your own cleanup events at a park near you – tell your friends and see how others on Meetup will

join you to clean it up. We can assist you in becoming an administrator for the day on the website.

- We also have an extensive off-campus education program for the classroom. School teachers and administrators contact us to set up appointments. If your school or class is interested in having us bring some of our educational ambassadors, please have them go to our website, www.libertywildlife.org to request a program.



American Kestrel

Nest Box Program

by Nina Grimaldi

Often times when I am holding an American kestrel at an education event, people will ask me, "What is that?" It surprises me that so many people have never seen one, but then again, they are small and often inconspicuous.

Kestrels are our smallest falcon. They are often seen sitting on power lines, in palm trees, or hovering over a golf course or farm field. Like so many other bird species, kestrel populations are declining. From the many bird surveys done annually, including the U.S.G.S. Breeding Bird Survey and the Christmas Bird Count, it has been revealed that the kestrel population has declined by approximately 1% annually. One of the reasons for this decline is loss of habitat. Kestrels are cavity nesters, and they are often found in open fields, forest edges and in urban areas. As farms are turned into houses, their roosts and perfect nesting sites are disappearing.

The Peregrine Fund has begun a program called the American Kestrel Partnership. This program takes data collected from across the U.S. to help keep the kestrel from becoming the next endangered species.

Liberty Wildlife will soon join in this effort, and we need your help. Liberty Wildlife's Research and Conservation Department will become one of the many partners collecting data. In order for this to be a success we will need to place nest boxes around the valley and around Arizona. We will be creating an Adopt-a-Kestrel nest box program. Adopting a kestrel box helps both Liberty Wildlife and the American Kestrel Partnership maintain this study. Funds will go towards replacing boxes, purchasing supplies, and supporting our biologists working on this project. Your adoption will be tax deductible. We welcome classrooms,



homeowners, and business owners to please consider becoming a part of our program by adopting a box. One of our biologists will place the nest box in an appropriate area and will visit that nest box two times during the nesting season to collect the data. You will receive a report on the activity of your nest box and the overall data collected from that season.

We are very excited to join this partnership and be a participant in helping conserve the American kestrel. You will soon be able to visit us at our new facility where you can visit several of our kestrels and learn more about these beautiful and lively little falcons. More information will be posted on our website www.libertywildlife.org as soon as the program starts.

You can visit the Peregrine Funds website for more information about the American kestrel and the nest box program <https://kestrel.peregrinefund.org/>. If you would like to build your own kestrel box you can follow these simple directions: http://wdfw.wa.gov/living/projects/nestboxes/kestrel_nest-box.pdf

Geocaching...*continued from page 11*

could visit with his family. He was also surprised by many of the facts about great horned owls. A win for all involved.



If you want to try Geocaching, membership is free. Sign up at www.geocaching.com. You can also download the free app for Android and Apple smart phones. Having the app is not essential but is very helpful. With a couple of clicks you can locate hidden caches near you, no matter where you are in the world. Click on any of them and see its history, in-depth information, and clues that might help you find it. Balinda used word anagrams to spell out clues for the Raptor series, so it takes a little extra work, but makes finding the cache a lot easier. Although your smart phone will get you within 10 feet of her caches, they are hidden under rocks, planted in cracks between fence posts, and otherwise obscured from the casual passerby (known as “Muggles”).



Geocaching is a great family activity, especially here in the Phoenix area. There are “Power Trails” like the Raptor Series along the Rio Salado and all over town. Along the canals, streets, park trails, and golf courses you can find dozens of caches on a single bike ride or walk. Kids love the game and love it even more if they are playing with mom and dad. Can you think of a better way to spend an afternoon?

One of the most earth-friendly features of Geocaching is CITO, Cache-In-Trash-Out. Like Liberty Wildlife, the Geocaching website and community is committed to removing trash from the environment. They sell shirts, mugs, and souvenirs sporting the CITO logo and theme, encouraging everyone who is geocaching to remove trash from the environment as they hunt for caches. There are even CITO events where geocachers meet, clean-up the area and earn a “find.”



Balinda and friends find a cache in the desert



Balinda signs the log inside a cache she found in rugged terrain



Travel Bugs are another fun element of the game. These are unique identifying numbers placed on a “dog tag” that can be affixed to anything that moves around. Luggage, cars, hats, and shirts are typical travel bug locations. Whenever a geocacher sees and logs your travel bug number, the exact location on the world map is recorded along with the time and date. You can then see exactly where your nomadic item has been “found” by geocachers – via a map on the Geocaching website.

What a great way to learn, get outside, engage with others, learn to solve problems creatively, clean-up the environment...a win-win situation!

Please join our ‘Wings of an Eagle Legacy Circle’!

You can give a legacy gift to Liberty Wildlife, Inc. by including us in your will or estate plans.

These are samples of bequest language that you can include in your will or by adding a simple codicil. Please feel free to change the numbers or percentages as you desire:

1. Bequest of cash
“I bequeath the sum of \$10,000 to Liberty Wildlife, Inc.”
2. Bequest of a percent of the estate
“I devise and bequeath 20% of the remainder and residue of property owned at my death, whether real or personal, and wherever located to Liberty Wildlife, Inc..”

For more information, contact Megan Mosby at 480-998-5550, #2 or megan@libertywildlife.org or Kim Parrott at 602-541-3781 or kimparrott918@hotmail.com

Rental Opportunities

at The Rob and Melani Walton Campus of Liberty Wildlife

East Wing:

1 Training room will have data drops, smart board, sink and cabinetry, arrangeable tables and chairs and lovely views of the wetland, river with birds soaring over, and airplanes taking off in the background.

2 Medical services area could be rented out for medical training for veterinarians, certified vet technicians, and other medical related continuing education classes. The facility includes digital x-ray opportunities, laboratory, surgery, and triage with wet table, etc.



West Wing:

3 Small conference/library could be used by small groups (6-8). Table, chairs, smart board, computer, resource books, and views of wetlands, etc.

4 Board/conference room provides space for a larger group (15-20), staging for other events, smart board, catering opportunities, data drops, beautiful views.

5 Interactive/Living Laboratory provides hands-on experiences with animals, science related activities, reading corner, access to monitors to foster bird cages, smart board and data drops, designed for educational activities including a staff or volunteer to direct activities.

6 Education Center – This versatile room can seat 75 people, provides catering potential, a 70" smart board, data drops, possibilities for films, audio-visual productions, views into the desert vignette aviary, with sliding glass doors that open north to the wetlands and west to the amphitheater; appropriate for large gathering such as meetings or receptions.

7 The amphitheater easily seats 100+ people with a center staging area. View of the wetlands and courtyard, staging possible for music, presentations, weddings, etc.

8 Wetlands Overlook and grounds, scenic area with a stage-like setting. Seating for 22 ten-top tables, lighting in trees and grounds, beautiful especially in the early morning and evening. Opportunities for catering.



Call for more information on pricing, reservations, and additional opportunities (480-998-5550, #2)

Sustainability...continued from page 5

Indoor

- Interior spaces take advantage of natural daylight and views to landscape (*photo top right and photos page 25*)
- Attention to air quality in the building, including the use of low-emitting materials
- Designed for thermal comfort of building users



Education

- Environmental education and conservation programs that support living in harmony with nature
- Outdoor amphitheater and classroom support educational programming for large groups
- Facility supports educational outreach programs across the state (*photo on the right*)



Photos this article by Terry Stevens

“If we want children to flourish, we need to give them time to connect with nature and love the Earth before we ask them to save it.”

David Sobel

Liberty Wildlife Legacy Award 2016



Each year Liberty Wildlife honors an individual, an agency, or a corporation who has contributed greatly to the betterment of the natural world. This year's Award was presented at Wishes for Wildlife to the Bald Eagle Nest Watch Program. For years, dedicated groups of biologists and nest-watchers have camped out in view of protected bald eagle territories to monitor the well-being of these charismatic creatures as they attempt to nest, lay eggs, and fledge babies. This valiant group, the Bald Eagle Nest Watch Program staff, has helped to bring this species from the brink of extinction in Arizona and has assisted with gathering data by banding for research, monitoring food deliveries and other behaviors, and by alerting officials if something untoward happens to the eagles in the process. Many of the adults and baby bald eagles have been helped by Liberty Wildlife and returned to the wild, thanks to the efforts of this program. Arizona Game and Fish Director, Larry Voyles (pictured here), accepted the award on behalf of the Bald Eagle Nest Watch Program and the many stakeholders who make it happen. Congratulations for the years of success and for the impressive impact it has had on our national symbol, the bald eagle.



Megan Mosby, Executive Director



2017

Join us next May 6th at the Omni Resort at Montelucia for another lovely event featuring our educational ambassadors and handlers, a one-of-a-kind auction, dinner, and the release of a rehabilitated owl. Please visit us at www.wishesforwildlife.org for more information. We would be thrilled to have you attend.

Wishes for Wildlife

2016

Our annual benefit, *Wishes for Wildlife*, was a wonderful event held at the Omni Resort at Montelucia on May 7, 2016. Honorary Corporate Chairs, Sharon and Ollie Harper (far right) and Benefit Chair Sharon Sneva (below), along with our Wildlife Guardians pulled off another coup. Our silent auction was as lovely as ever and afforded many opportunities to bid on unusual items and experiences, and the super silent auction and raffle hit the bullseye with guests.



Honorary Corporate Chairs, Sharon and Ollie Harper






Liberty Wildlife, Inc.
2600 E. Elwood Street
Phoenix, AZ 85040
Wildlife Hotline (480) 998-5550
Visit us online at www.libertywildlife.org



Printed on recycled paper

Printing courtesy of 



Join or renew!

It is with your help that Liberty Wildlife has furthered wildlife conservation through quality rehabilitation, education, and consultation services. Because of your support and your interest in aiding wildlife, we hope that we can count on you to help us continue these programs.

Maybe it's a good time to add a gift membership for a friend – or maybe raise your own membership level.

All members will receive the *Wing-Beats* newsletter electronically.

Cut along the dotted line and mail
with check to:
Liberty Wildlife, Inc.
2600 E. Elwood Street
Phoenix AZ 85040

Annual Membership

- ☐ \$25 Fledgling
Supports the Orphan Care program
- ☐ \$50 Explorer
Provides funding for a school or youth Education program
- ☐ \$100 Guardian
Provides funding to support the activities of the Wildlife Guardians
- ☐ \$250 Naturalist
Provides funding for medical supplies for wildlife in our care
- ☐ \$500 Conservationist
Provides funding for major equipment, such as brooders
- ☐ \$1,000 Steward
Provides funding for technology to aid Medical Services and Education programming

My membership _____

Gift membership _____

Total enclosed _____

My Membership

Name _____

Company _____

Address _____

City _____ State _____ ZIP _____

Phone _____

Email _____

☐ Contact me about volunteering

Gift Membership

Name _____

Company _____

Address _____

City _____ State _____ ZIP _____

Phone _____

Email _____

Liberty Wildlife

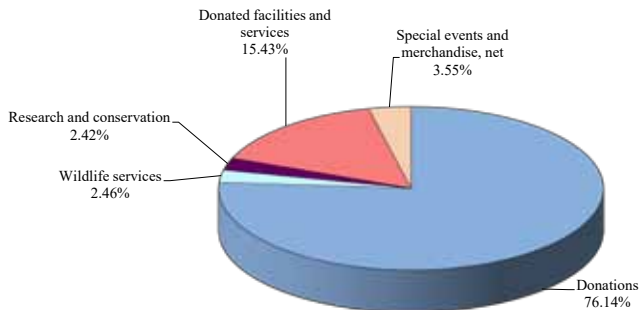


Annual Report 2015

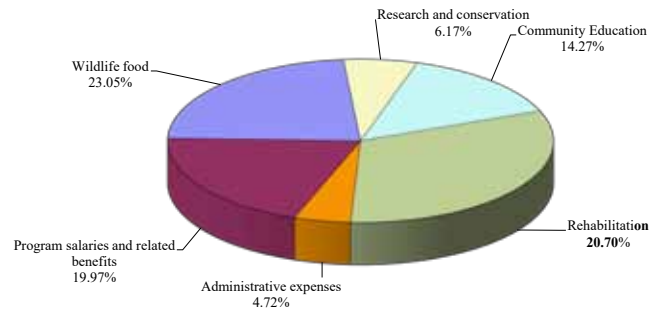


ANNUAL BUDGET

2015 Operating Income



2015 Operating Expense



Liberty Wildlife Operating Income and Expenses For the Year Ending December 31, 2015

Operational Income:

Donations	\$ 920,989
Wildlife services	29,814
Research & Conservation	29,275
Donated facilities and services	186,694
Special events and merchandise (net)	42,897

Total Operating Income: \$ 1,209,669

Operational Expenses:

Program salaries and related benefits	\$ 138,416
Wildlife food	159,814
Research & Conservation	42,794
Community education	98,920
Rehabilitation	220,596
Administrative expenses	32,698

Total Operating Expenses: \$ 693,238

Operating income in excess of expenses: \$ 516,431

Capital Campaign Contributions: \$ 385,775

Liberty Wildlife Goes Grocery Shopping for Animal Food

Crumble	1,880 lbs.
Seeds	1,755 lbs.
Worms	159,350
Crickets	115,000
Mice	169,775
Rats	10,561
Rabbits	110
Quail	5,280
Chickens	2,898
Carnivore diet	91 lbs.
Trout/caplain	1,376 lbs.
Minnows	24,000
Fruits and vegetables	1,359 lbs.
Scratch	1,000 lbs.
Eggs	2,478
Exact tube formula	111 lbs.
Heads of lettuce	779

Photos on Cover (left to right): top -

Bald eagle - photo by Kenny Wilkins

Great blue heron - photo by Chris Gort

Sharp-shinned hawk - photo by Christy van Cleve

bottom -

New Liberty Wildlife facility - photo by Terry Stevens

Photos on Back:

Sandhill cranes - photos by Mike Ince

Department Statistics for 2015

Medical Services, Daily Care and Orphan Care:

• Total animals assisted	6,544
• Total orphans assisted	3,406
• Number of species (see next page)	138
• Highest intake month - June	1,459
• Total volunteers all shifts:	
Medical Services	47
Daily Care	88
Orphan Care	75
Hand Feed	26

Additional Support:

• Education	55
• Hotline volunteers	40
• Rescue & Transportation volunteers	118
• Research & Conservation biologists	4
• Cooperating veterinarians	8
• Wildlife Guardian volunteers	20
• Scientific Advisory Board	4
• Non-Eagle Feather Repository Board	4
• Publications volunteers	13
• Board of Directors	15
• Advisory Board of Directors	20
• Total volunteer jobs	537

Education:

Number of program requests	319
Total number of programs completed	484
Total audience size	247,979
Total number of tours	106

Total hours of programs presented 2,033.383

Education volunteers' program hours including travel to/from programs 4,244.97

Number of Education volunteers in 2015-16 64

Number of Education volunteers who did a program in 2015-16 57

Conservatively, the value of volunteer time donated:
\$1,417,097.82* (61,426 hours of volunteer time x \$23.07 per hour)

**Based on documented volunteer hours and figures from Independent Sector research.*

Liberty Wildlife Board of Directors

Richard Hayslip, Chair
Kathleen Lang, Vice-Chair

Kelly Barr
Emil Burr
Peggy Cole
Cay Cowie
Tom Henze
Debbie Longley
John Melamed
Megan Mosby
Kathryn Orr, DVM
Phil Schneider
Ken Vegors
William Weese, MD
Tracey Westerhausen



Cooper's hawk - Photo by Christy van Cleve

Advisory Board of Directors

Richard Adkerson
Missy and Lyle Anderson
Don Budinger
Richard Burnham
Terry Goddard
Victoria and Rod Granberry
Sharon and Ollie Harper
Karen and Bob Hobbs
Nan and C.A. Howlett
Craig Jackson
Rich Rector
Richard Silverman
Vern Swaback
Patti and Ken Vegors
Chip Weil
Deborah Wilson, MD

2015 List of Species Assisted

Birds:

Albert's towhee
Allen's hummingbird
American coot
American kestrel
American wigeon
Anna's hummingbird
ash-throated flycatcher
bald eagle
barn owl
belted kingfisher
black phoebe
black-chinned hummingbird
black-crowned night heron
black-headed grosbeak
black-necked stilt
blue-winged teal
Brewer's sparrow
bronzed cowbird
brown pelican
brown-headed cowbird
Bullock's oriole
burrowing owl
cactus wren
California condor
California gull
Canada goose
canyon towhee
canyon wren
cattle egret
cliff swallow
common loon
common poorwill
common raven
Cooper's hawk
Costa's hummingbird
curve-billed thrasher

double-crested cormorant
flamulated owl
Gambel's quail
Gila woodpecker
gilded flicker
golden eagle
gray hawk
great blue heron
great egret
great horned owl
greater roadrunner
great-tailed grackle
green heron
Harris' hawk
hermit thrush
house finch
house wren
Inca dove
killdeer
lesser goldfinch
lesser nighthawk
Lincoln's sparrow
long-eared owl
Lucy's warbler
MacGillivray's warbler
mallard duck
mourning dove
Nashville warbler
neotropic cormorant
northern cardinal
northern flicker
northern harrier
northern mockingbird
northern pintail duck
northern rough-winged swallow
northern shoveler
orange-crowned warbler

osprey
palm warbler
peregrine falcon
phainopepla
pie-billed grebe
pine siskin
prairie falcon
red-tailed hawk
ring-necked duck
rock wren
ruddy duck
Say's phoebe
sharp-shinned hawk
snowy egret
Swainson's hawk
Townsend's warbler
turkey vulture
verdin
Virginia rail
western grebe
western kingbird
western meadowlark
western screech owl
western tanager
whip-poor-will
white pelican
white-crowned sparrow
white-faced ibis
white-throated swift
white-winged dove
Wilson's snipe
yellow-rumped warbler
yellow-throated warbler
yellow-bellied sapsucker
yellow-breasted chat

Mammals:


antelope ground squirrel
cactus mouse
cottontail rabbit
coyote
fox squirrel
gopher
Gunnison's prairie dog
jackrabbit
javelina
kangaroo mouse
kangaroo rat
little brown bat
Mexican freetail bat
pallid bat
pipistree bat
raccoon
rock squirrel
round-tailed ground squirrel
striped skunk
western red bat
white-throated woodrat
yellow bat

Reptiles and Amphibians:

African sideneck turtle
African spurred tortoise
Clark's spiny lizard
Colorado river toad
common king snake
desert spiny lizard
desert tortoise
fence lizard
gopher snake
patch-nosed snake
red-eared slider



Red-tailed hawks - Photos by Christy van Cleve



SPECIAL THANKS

TO OUR 2015 DONORS

1st Christian Church of Scottsdale
7th Day Adventist Church
Aaronson, Jamie
Abel, Clare
Abernathy, Bill
Able, Anthony
Ackerman, Tiffany
Ada, JoAnna
Adams, Astrid
Adams, Barb
Adams, Dayton & Shelley
Adams, Kristine
Adams, Lynda
Adams, Sara & Alvan
Adams, Sarah
Adams, Tanya
Aetna Foundation
Agave Dental
Aurelius, Judith
Aguilino, Trish
AHC of Scottsdale, LLC
Ahi, Mrs.
Akins, Bonnie & Mike
Akridge, Jim
Alanko, Jill & Bert
Albert, Alan
Albert, Cheri
Alcorn, Samuel
Aldridge, Crickett
Alexander, Connie
Alexander, Joy
Alexander, Ken
Alfano, Sam
Ali, Muna
Allen, Sandra
Alofs, Cooper
Alofs, Emme
Alofs, Jake
Alofs, Susan

Alsevev, Ellen
Altenhein, Mara
Altimus, Kathy
Altiveros, Sharry
Altman, Susan
Alvarez, Jimi
Alvarez, Susie
Amani, Roozbeh
Amaral, Beverly
Amari, Amy
Amazon Smile
Amenson, Teri
American Legion Auxiliary
Anderson, Charles
Anderson, Heidi
Anderson, Jeanette
Anderson, Kathryn
Andison, Nancy
Andreas, William
Andres, Ren
Andrews, Gail
Andrusko, Joan
Ann, Olney
Anthem School
Apache Trail Tours
Appelman, Cyndy
Appleyard, Judy
APS
APS Corporate Giving
Aquilino, Steven
Arabian Horse Show
Araza, Kiyahna
Archer Family Trust
Archer, Marc
Arena, Faith & Paul
Argorta, Art
Arid Zone Trees
Arizona Aviculture Society, Inc.
Arizona Christian University

Arizona Coyotes
Arizona Diamondbacks
Arizona-Sonora Desert Museum
Arizona Utilities Supervisor
Association
Arizona Wildlife Federation
Armstrong, Leeann
Arola, Patricia & Dale
Aschieri, Jane
Asmus, Kandy
ASU School of Design
AT&T Employee Giving Program
Atkinson, Judith
Audubon Nature Center
Audubon-Rio Salado
Auschell, Denise
Avdra LLC
Avenetti, Cole
Avian & Exotic Animal Clinic
of Arizona
Axtell, Richard
Arizona Game and Fish
Department
Babincsau, Kelly
Bach, Connie
Backer, Erin
Bailey, John & Susan
Bailey, Linda
Bailey, Vicky
Bajoie, Tracie
Baker, Natalia
Baker, Christine
Baker, Dana & William
Baker, Margaret Padula
Baker, Sarah
Baldwin, Kitch
Ball, Lillian
Ball, Elizabeth
Ball, James

Bang, Kelley
Bank of America Charitable
Giving
Banner Children's Academy
Barber, Dale
Barbera, Sal
Barnes, Pamela
Barreda, Nicole
Barrkman, Lisa
Bartlett, Scott
Bartlett, Steve
Barton, Cynthia
Bartrim, Jackie
Basalilov, Aleksandr
Baseline Tree Co.
Batelle Employee Giving
Bauer, Margaret
Baxter, Scott
Baxter, Barbara
Baxter, Marie
Bayless, Betsey
Beard, Gorgonia & Dennis
Beck, Kay & Bill
Becker, Erin
Behinfoe, Renee
Bejemetz, Denise
Beland, Kimberly
Bell Mortgage
Bell, David
Bendalin, Evey & Sherman
Benevity Community Impact Fund
Benford, Luke
Bennet, Steven
Ben-Shabat, Janae
Bentacur, Ana
Benton, Rodger
Berger, Nan
Berquist, Kristen
Berry, Brett

Bessler, Max	BSA Grand Canyon Council Pack6	Charles, Anderson	Conley, Randee
Betts, Janet	Buca de Beppo	Charles, Margaret B.	Connely, Vivian
Betts, Steve	Buchanan, Roberta	Chasan, Michael	Conover, John
Beyer, Christi	Buffalo Exchange	Chasen, Donna	Conrardy, Erin
Biasatti, Bob	Burch, Coleen	Chen, Yun	Contris, Allison
Biddulph, Kemp	Burch, Darren	Cherick, Rena	Conway, Dee Ann
Bijen, Dyrek	Burggraf, Melissa	Chester Cycles LLC	Cooper, Douglas
Binsfeld, John	Burke, Mary	Chesters Harley-Davidson	Cooper, Susan
Bird, Sharon	Burke, Tim & Denise	Chiarello, Joseph	Coopers, Connie
Black, Starr & Frost	Burnam, Courtnie	Childrens Museum of Phoenix	Cope, Kelly
Blischok, Sharla & Thom	Burnell, Kirk	Chilson, Gerda	Coplin, Larry
Block, Tony	Burnett, Amy	Chin, Glen	Coppage, Timothy
BMG	Burns, Claudia & J. Scott	Chocron, Luisa	Coppo, Cassandra & Alexander
Boatwright, Joan	Burr, Carly Belchow	Chopman, Timothy	Coreen, Wagner
Boecker, Ulrike	Burr, Emil	Chopra, Jitendra	Corey, Dan
Bojanowsk, Tim	Burnett, Joan	Christ Church School, Inc.	Corl, Kim
Boll, Susan & Dr. Thomas	Burton, Sandra T.	Christensen, Kelsey	Cornell-Allison, Traci
Bolt, Gayla	Butterfly Wonderland	Churay, Kathleen	Cornerstone Advisors, Inc.
Bolton, Susan	Butters, Audrey	Church of the Redeemer	Coscia, Gayle
Bone, Ellen	C&S Fitz Inc.	Churney, Cindy	Couche, June & Roland
Boone, Christopher	C.A.S.T. for Kids,	Cibo	Counts, Charles
Born 2 B Wild	Cactus Bowl	City of Chandler	Cowie Redivo, Caren
Borum, Jessica	Cadena, Janet	City of Goodyear	Cowie, Cay
Bourassa, Hope	Caduceus Cellers	City of Scottsdale,	Cowie, Holly
Bovee, Elizabeth	Cafarelli, Mario	Natural Resources	Coy, John
Bowe, Judy	Caiazza, Gina	Clancy, Cheryl	Crabtree, Ron
Boyd, Lindsey	Cain, Corinne	Clark, Lizanne	Craver, Lynda
Boykin, Jan	Calavecchia, Britney	Clark, Karen	Craver, Sheri
Boyle, Abby	Callesen, Heidi	Clark, Starla	Crawford, Tammy
Bozzi, Wendy	Calta, Tricia	Clarkson, Susan	Crocker, Ayden
Bradford, Jackson	Cammers, Tom	Clay, John Thomas	Crofton, Stephen
Brainard, Peter	Campbell, Belinda	Claybourn, Randall	Croke, Douglas
Brambley Hedge Rabbit Rescue	Campbell, Nancy	Claybourn, Susan	Cromwell, Debbie
Brandt, Marilyn	Candiaue, Sofia	Claybourn, Susie	Crosby, Kimberley
Brauer, Karla	Caniglia, Michelle & Gerald	Clayton Pepperwood LLC	Crosby, RJ
Bravo, Andrew	Cannon, Lisa	Clearman, Vikki	Crossley, Christie
Brazelton, Linda & Richard	Cantua, Melanie	Clemson, Jennifer	Croutch, Jim
Brenka, Pat	Capretia, Larry	Cline, Salli	Crowder, Susan
Breun, Rebecca	Carbett, Lisa	Clinehens, David	Crown, John
Briefman, Leslie	Carey, Jay	Close, Dr. Charles	CTN
Brierley, Eleanor & Richard	Carl, Timothy	Clyne, Gerald	Culwell, Pamela
Briertey, Scott & Candee	Carlile, William & Amy	CM, Hebets	Curley, Linda Jean
Bright Funds Foundation	Carmody, Tom	CMS Commercial Furniture	Currier, Wendi
Brill, Linda & Richard	Carns, Alison	Coakley, Stacy	Curtis, Kathleen
Briney, Tamara & Michael	Caro, Yvonne	Cochise Elementary School	Cuzzocrea, Charlene
Brittain, Susanne	Carpenter, Julie	Cohen, Suzanne	CVS Caremark Charitable Trust
Brooks, Bill	Carr, Simon	Cohorst, Rosemary	Cyr, Penny
Brooks, Kathy	Carter, Katie Wong	Coladonato, Tina Marie	Dadgar, Kayla
Brosie, Johanna	Case, Mike	Cole, Ashley	Dahlby, Steve
Brossart, Diane	Casey, Margaret	Cole, Leslie	Dahlin, Cheryl
Brovitz, Ella	Casiano, Hugh	Cole, Peggy & George	Dale, Anne
Brown, Ann Savage	Cassidy, Alyssa	Cole, Randy & Andrea	Damone, Nancy
Brown, Anne & Randy	Castillo, Lorena	Cole, Richard	Dandorf, Scott
Brown, Donna & Roderick	Castle, Ivan	Cole, Robert	Danelowitz, Victoria & Darryl
Brown, Glenn	Castle, Luanne	Coleman, Peggy	Darragh, Lynn
Brown, Jesse	Caternolo, Nancy	Collins, Cynthia	Daugherty, Ron
Brown, Karen	Cebular, Destiny	Collins, Jamie	Davidson, Jennifer
Brown, Marie	Cecala, Katherine	Collins, Tim	Davis, Amanda & Leonard
Brown, Roland	Ceimo Trust, Joanne M. &	Collins, Wally	Davis, Austin
Brown, Vivian & Roy	Christopher	Combs, Ashley	Davis, Deborah McCune
Browning, Jolia	Central Arizona Project	Comerica Bank	Davis, Jennifer
Browning, William	Cesaro, Kathleen	Comstock, Felicia	Davis, Michael
Bruegger, Cathy	Chadderon, Carli	Comstock, Troy	Davis, Neil
Bruning, Mitch & Candice	Chaminad Resort & Spa	Conant, Norma	Davis, Stuart
Brunn, Marilyn	Champine, Rachel	Condon, Michele	Davis, Therese & John
Bruzzese Enterprises	Chandler Preparatory	Conela, Rose	Day, Amy
Bryant, Brittany	Chapman, Timothy	Conklm, Rosie	Day, Scott

Desert Botanical Gardens Docents

De la Rosa, Enrique
 Deal, Laurie
 Debiase, Mary
 Deegan, Shawn
 Deems, Pam
 Deff, Pat
 DeHaven, Stephanie
 Del Ve, Barbara
 DelaCruz, Francisco
 DeMent, Stacie
 Dennett, Marilyn
 Desert Bell
 Desert Botanical Gardens
 Desert Cove Elementary
 Desert Rivers Audubon Society
 Desert Shadows Elementary
 Detamour, Shannon
 Dey, Susan
 Deyoung, Jerry
 DHS Main
 Díaz, Marcela
 Dicicco, Danielle
 Dicke, Nancy & Frederick
 Dig it Garden Club
 Digati, Phil
 Diggs, Lynn
 Digital Air Strike
 DiJulio, Ginn
 Dillon, Debra
 Dillon, Sage
 Dinsmoore, Pamela
 Dinsmore, Daniel
 DiRoberts, Robin
 Disneyland
 Dittert, Hans
 DMB Associates, Inc.
 DMHS Main
 Dogs Etc.
 Dolan, Janet
 Dolbin, Robert
 Dolce Soleil
 Domele, Jaye
 Domingo, Amanda
 Don & Charles Championship
 Dining
 Donaldson, Larry
 Donaldson, Scott
 Donkle, Mary
 Donley, Michael
 Donnely, Allison
 Dons of AZ, Inc
 Doornbos, Joellen
 Doppke, Annette
 Dowers, Judy
 Downing, Debbie
 Drake, Pamela
 Drake, Paula
 Drews, Jeffrey
 Drexel, Kimberly
 Drolet, Lanie
 Droz, Judy
 Du Plessis, Reinert
 Ducksten, Sonia
 Dueck, Patricia
 Duffy, Josh
 Dufour, Mark



Gambel's quail - Photo by Christy van Cleve

Dugan, Colleen	Enders, Mavis	Felden, Richard
Dunn, Danielle	Engisch, Margaret	Fennemore Craig
Dunn, Steven	England, Gloria	Ferguson, Jocelyn
Duper, Vickie	Englekinz, Savannah	Fern, Karen
Dupont, Christopher	Enochs, Jordyn	Fetuaio, Jessica
Durkin, Shannon	Environmental Fund of Arizona	Fezza, John
Duval, Janet	EQ Inspirations LLC	Field, Jacob
DuVall, Lori	Erdor, Ilona	Field, Lorraine
Eagle Mountain Golf Club	Erickson, Lissa	Fiero, Kelvin
Earl, Jamie	Ernst, Shirley	Figuroa, Eloise
Earl, Jennifer	Errett, John	Finan, Maggie
East Valley Technical Institute	Escarcega, Manuel	Finnell, Letisha
Veterinary Clinic	Esch, Morgan	Finnerty, Catherine
Eastwood, Charlene	Escobedo, Ana	First Christian Church Keenagers
Eastwood, Garry	Espitia, Nicole	First Christian Church of
Eckberg, Carrie	Eudres, Helga	Scottsdale
Eden, Rachael	Euredy, Stephen	Fischer, Charlotte
Edison Electric Institute	Evans, Phil	Fischer, Erin
Edmunds, Charles & Lisa Anne	Evenson, Dianne	Fischer, Lucas
Eduprize School	Evenson-Sanders, Hara	Fischer, William
Edwards, Kathy & Tom	Exhilarate, LLC	Fisher, Alexander
Edwards, Susan	Eye Care for Animals	Fishgold, James
Efune, Melanie Anne	Fahy, William & Bonnie	Fitchet, Darlene
Eggen, John	Fancher, Nancy	Fitzgerald, Jennifer
Ehbert, Barbara	Fanzo, Ron	Fitzgerald, Pauline
Ehrmann, Clarice	Fargo, Chris	Fitzmaurice, Debbie
Eichler, Diane	Farmer, Suzanne	Fitzpatrick, Jeremiah
Eilers, Pam	Farr, Ellen & Ralph	Fixler, Alicia & Michael
Eisen, Eileen	Farr, Erin	Flaa, Jeanie
Eklöf, Wendy	Farr, Lee	Flaherty, Tracy & Tim
Eldorado Hotel & Spa	Farrer, Linda	Fleming, Phil
Elery & Hazel Meyer	Federhar, Andrew & Theresa	Fletcher, Carey
Charitable Fund	Feinberg, Barry	Flores, Cody
Elkins, Laurie	Feingold, Bert & Betty	Flowers, Douglas

Flynn, Adrienne	Fuller, Debbie	Gill, Marian	Granberry, Victoria & Rod
Flynn, Christine	Fuson, Christien	Gillispee, Leah	Grandbois, Nathan
Flynn, Jeannie	Gadzichowski, Sam	Giovacchini, Kate	Grantham, Suzanne
Fogo, Lauren	Gaintner, Nancy	Girl Scout Camp	Gratton, Micheal
Folkestad, Bradley	Gale, Nancy	Girl Scouts Troop 1470	Gravina, Susan
Folkestad, Nancy	Galindo, Susanne	Gittins, Kathie	Grayhawk Elementary PTO
Follett, John F.	Gallagher & Kennedy	Glaser, Chip	Great Hearts Academies
Fontenot, Steve	Gallagher, Margaret	Glaser, Janet & Chip	Greater Phoenix Mensa Group
Fool Hollow Lake Program	Galli, Vincent	Glick, Kenny	Green, Gaile B. & Ronald
Forrer, Barb	Gamble, Guy	Global Impact	Green Goddess
Fort McDowell Yavapai Nation	Gano, Heather	Gobins, C.J.	Green New American Vegetarian
Fortman, Judy	Garbacz, Ashley	Gochrane, Gail	Green, Judy
Fortner, Larry	Garcia, Adrienne	GoDaddy	Green, Lydia
Fountain Hills Charter School	Garcia, Jill & George	Goddard, Terry	Greer, John
Four Peaks Elementary	Garcia, Linda	Goetze, Dillon	Griego, Lenni & Robert
Fowler, Cecile & Rex	Garcia, Yvonne	Goetze, Susan	Grieien, Sam
Fox, Noelle	Garrett, Genie	Golah, Lyndee	Griesemer, Brenda
Fox, Paul	Garrett, Jeannie	Goldstein, Martin	Griffin, Kathleen
Fox, Sarah	Garrett, Tina	Gonzales, Debra	Griggs, Dorothy
Frandsen, Garry	Garwood, Kathy	Gonzales, Erik	Grijalva, Michelle & Thomas
Frank & Lupe's Old Mexico	Gateway Canyons Resort Spa	Gonzales, Yolanda	Grill, Nicholas
Frank, Diane	Gateway College	Good Life Senior Hikers	Grimaldi, Nina & Brian
Frank, Karen	Gauthier, Taija	Goodman, Chris	Grotsky, Craig
Frankel, Tom	Gaw, Rebecca	Goodman, Mary	Grove, Maera
Franzone, Michael & Theresa	Gazehs, Aimee	Goodshop	Groves, Jean & Thomas
Fraser, Eric & Melinda	Gazzo, Stephen	Goohs, Jim	Gruenwald, Gina
Fray, Linley	Gehrke, Joan	Gooz, Brittany	Gudnason, Keira
Frede, Harold & JoAnne	Geiler, Andrea	Goppert Irrevocable Trust	Guerrero, Troy
Frederick, Eileen	Gemma, Donna	Gordon, Bonnie	Guetti, Carol Anne
Fredrickson, Emma	Gemmett, Gabriel	Gordon, Matthew	Guohason, Keira
Freel, Mary	Georgeson, Barbara	Gorski, Len	Gusson, Wendi & Vince
Freeman, Jennifer	Gerber, Terry	Gort, Cindy & Chris	Gustafson, Stephanie
Freeport-McMoRan	Geren, Susan	Gossen, Shery	Gustafson, Christine & David
French American School of Arizona	German, Sondra	Gosser, John	Gutierrez, Amber
Frescholtz, Dean	Gersick, Rosemary	Goyne, Valeri	Gutierrez, Diana
Freyja, Neelsen	Geske, John	GPM Gatherings	Guy, Frank
Friends of Peoria Public Library, Inc.	Ghassemi, Lori	Grace, Michelle	Guy, Ray & Karen
Frye, Dick	Giaquinto, Mary	Graebe, Sylvia	Haarman, Beverly
Fry's	Gibson, Alexa	Graham, Connie	Hackett, Carol
FTW Safety & Industrial Supplies	Gila River Indian Community	Graham, Jean	Hackett, Laura
Fucik, Margaret	Gilbert Outdoor Expo	Graham, Jill	Hadley, David & Cheryl
	Gilbert Riparian	Graham, Karen	Hageman, Bernard
	Gilbert, Mike	Graham, Spike	Hageman, Kelly
			Hagen, Joseph
			Hagen-Smith, Susan
			Hague, Christine
			Halbach, Cathy
			Haldiman Insurance, LLC
			Hales, Erin
			Hall, Ken
			Hall, Cody
			Hall, Kiki
			Hall, Leroy
			Hall, Michael
			Hallas, Kathryn
			Hallden, Jennifer
			Hallsknecht, Pam
			Ham, Greg
			Hammond, Lesley & Gary
			Hammond, Trudy
			Hamra Jewelers
			Hamra, Paul
			Hanbrock, Beth
			Hannon, Jennifer
			Hansen, Edward
			Hanson, Cathleen
			Hanson, Cheri



Ferruginous hawk - Photo by Kenny Wilkins

Happy Trails Ed Program	Hinz, Kevin Hartley	IBM	Kaloak, Carmen
Harbort, Diana	Hirano, Doug	Ichelson, Chris	Kaminski, Diana
Harkins, Richard	Hoag, Juli	Illescremieux, Tammy	Kamm, Cindy
Harley-Davidson of Scottsdale	Hobbs Family Charitable Fund	Independent Charities of America	Kannberg, Gloria
Harmon, Holly	Hochstedlee, Brande	Indy Racing Experience	Karakey, Buddy & Angie
Harms, Ingeborg	Hockly, Greg	Intel	Karnos, Gregory
Harms, Marissa	Hodge, Randy	Italian Grotto Restaurant	Karson, Bonnie
Harned, Linda	Hofer, Renee	Ivanov, Nikole	Katek, Andrew
Harney, Chris	Hoffart, Jordan	Jabara, Donna	Katler, Lara E.
Harren, Mike	Hoffman, Lindsey	Jackson, John	Katz, Betsy
Harrigan, Bill	Hoffman, S.	Jacobs, Rhonda	Katz, Melissa & Peter
Harrington, James	Hogendoorn, Sara	Jacobson, Kim	Kauffman, Kimberly
Harris, Angela	Holcomb, Alan	Jaffe, Roy	Kavanagh, Edward
Harris, Jackie	Holder, Bob	Jakred, Earl	Kavookjian, Peggy
Harris, Nannette	Hollabauch, Maryjo	Jaksic, Slobodan	Kay, McDonald
Harris, Suzanne	Holland, Leslie	James Gieszl Family Trust	Kearny, Jamie
Harrison, Donna	Holman, Barbara	James, Wesley	Kebo, Kyoko
Hart, Eric & Patricia	Holmberg, Megan	James, Lynett	Keenan, Carol
Hartmon, Lauren	Holmequist, John	Janacek, Larry	Keith, Regina
Hartson, Mike	Holy, Dr. Adriana	Jason, Mostoller	Kell, David
Harvey, Gabriella	Homick Family Trust,	Jauriqui, Judy	Kellaris, Cassandra
Hasenkamp, Barbara	Peter & Marie Homick	Jean, Billie	Keller, Chris
Haslam, Kelli	Honey, Kevin	Jellies, Richard	Kelley McCall Interiors
Hasselkus, Nick	Hoogenboom, Ronald	Jemisch, William & Delores	Kelley, Constance & Clarence
Hawes, Christine	Hooper, Pamela	Jenkins, Sharon	Kelley, Lottie
Hawgood, William	Hoover, Michelle	Jennings, Anna	Kelly, Block
Hawk Creek Wildlife Center Inc.	Hope, Bourassa	Jensen, Jessica	Kelly, Christine
Hawkins, Robert	Hopfer, Devi	Jerrell, Jenny	Kemppainen, Stu
Hayden, Micheal	Hopp, Rachel	Jeurink, Vera	Kennaway, Virginia
Haynie, Suzette	Horibino, George	Jewels and Estate Gallery	Kensington, Sherylann
Hays, Trudy	Horioka, Linda	Jimenez, Andrea	Keraudran, Alexandra
Hayslip, Richard	Horney, Joshua	Johnsen, Dennis	Kersey, Kristy
Hearst, Camron	Horseuary Ed Program	Johnsen, Steen & Tasha	Kershaw, Ron
Heber, Andrew	Horton, George	Johnson, Tanya	Ketley, Dave
Hebets, CM	Hoskovec, Janene	Johnson, Alfred	Ketterberg, Paula
Hedberg Garden Group, LLC	Hot Air Expeditions	Johnson, Barbara	Kewley, Karen
Hedberg, Kelly	Hotel MdR	Johnson, Courtney	Keyes, Kim
Hedge, Carla & David	Hotel Zelos San Francisco	Johnson, John	Keymow, Bruce
Hedley, Erin	Howard, Cara	Johnson, Kelly	Keys, James
Hejua, Manuela	Howe, Rebecca	Johnson, Laura & Craig	Kiesl, Jennifer
Helm, Rebecca	Howe, Dr. Brandy	Johnson, Lisa	Kiewel, Kimberlee
Hemberg, Emily	Hozza, Patrick	Johnson, Mark	Killman, Larry
Hemmady, Sarita	Hrebic, Cathy	Johnson, Ravac	Kimmel, Danny & Linda
Henderson, Lisa	Hug, Bill	Johnson, Roxanne	Kindercare School
Henderson, Lynn	Hughes, Martha & Gary	Johnson-Ash, Susan	Kinney, Nancy
Hendon, Vicki	Hughes, Melissa	Jones, Barbara	Kinney, Todd
Hendryx, Karen	Hukicc, Linda & Phillip	Jones, David	Kirby, Louis
Hennesy, Pat	Hum, Matt	Jones, Gary	Kirscher, Claudia
Henze, Glynnnes	Hume, Sabrina	Jones, Karen	Kissling, Louis
Henze, Kathleen & Tom	Hundrieser, Pam	Jones, Terry	Kittleson, Monica
Herberger Theater Center	Hungler, Lauren	Joplin, Roscilla & Sean	Kitts, Elizabeth
Hercsek, Jourdan	Hunsaker, Ann	Jordan, JoAnne	Kiva Elementary
Herfurth, Charles	Hunt, D.A.	Jordan, Lani	Kleemola, Edward
Hernandez, Ronald	Hunt, Erin	Jordan, Leilani	Klein, Eileen
Heron, Veronica	Hunter, Jesse	Joseph Jr, Anthony	Klewicki, Sandy
Herring, Melanie	Huntingford, Faydra	Josephs, Erik	Klima, Kara
Herrmann, Laurel	Hurd, Stanley	Julie Ann Wrigley Foundation	Klombs, Nancy
Herro, Cecelia	Hurguy, Ruth	Julio G's & Julio's Too	Kneip, Charise
Hertzberg, Linda & Richard	Hurley, Marian	Jullen, Mey	Knight, Robin
Hession, Jim	Hurt, David	Jurgenson, Russell & Lenor	Knoll, Jeff
Hester, Mark	Husted, Linda	Jury, Bill	Knoppow, Carol & Charles
Hicks, Dustin	Huyenanh, Vu	Just Give	Kobbe, Kyle
Hiemstra, Bonnie	Hyatt Regency of Scottsdale	JW Marriott Tucson Starr Pass	Koceja, Laurie
Highlands Center for Natural	Hyduke, Jason	Kahler, Christopher	Koch, Meghan
History	Hynes, Braxton	Kaifesh, Thomas & Barbara	Koeppen, Todd
Hilburn, Ronald	Iannarone, Joe	Kakol, Jenny	Kofahl, Pat
Hilton, Rick	Iberdrola Renewables, LLC	Kalm Charitable Lead Trust	Kohli, Kim

Kolandra, Jansy	LeClaire, Thomas	Lyons, Lisa	McColl, Melissa
Kollasch, Kristine	LeClerc, Denise	Macaroli, Kim & Dominic	McCormack, Barb
Koneya, Mele	Leduc, AnaMarie	MacDonald, Michele	McCoy, Kelly
Konicke, Kellie	Lee, Karen & Daniel	Machiz, Bob	McCreery, Mike
Konrad, Corinne	Lee Family Foundation,	Machler, Linda	McCulloch, Carol
Kontak, Karen	Daniel & Karen	Mackey, Kristi	McCure, Holy
Koopal, Steven	Lee Stanford Farr	Mackling, Meg	McDonald, Corinne
Korn, Alfred	Lee, Janet	Macshane, Paul & Carole	McDowell Mountain Golf Club
Kornegay Design	Lee, Richard & Rita	Madonia, Christina	McDowell Mtn. Regional Park
Korsunsky, Dorothy	Lee, Tracy	Madril, Roy	McDowell Sonoran Conservancy
Korte, Ray & Nancy	Leeds, Linda	Maendl, Debby	McEachern, Grady
Korthamar, A.	Legel, Denise	Maer, John	McFarland, Gloria
Kotler, Martha	Leibner, Evan	Maesa, Joseph	McFarland, Jessie
Kovach, John	Lelinger, Erma	Magee, Jill & Brian	McGeeney, Cathleen
Kramer, Jeri	Lemon, Joseph	Mahoney, Steve	McGehee, Bruce
Kramer, Jill	Lenard, Agata	Main, Faulene	McIntire, Darcy
Kreisberger, Simon	Lentine, Maria	Makrauer, Natette	McKenna, Megan
Kroeger, William	Lenzer, Dawn	Malee's Thai Bristro	McKenna, Jeannie
Kroger	Leslie, Rick	Malin, Melanie	Mckenzie, Kathy
Krogh, Barbara	Lesman, Kathy	Malloy, Shirley	Mckeon, Carolyn
Krogstad, Dustin	Leutwyler, Elise	Mandic, Susie	McLemore, Jan
Kruse, Mike	LeValley, Jim	Manley, Toni	McMallen, Valeria
Kruse, Orville	Leverentz, Susan	Mann, Emily	McMullen, Valerie
Kuhner, Ted	Levy, Brandon	Manning, Garry	McNabb, Tracey
Kunse, Austin	Levy, Mark	Mansikka, Innaya	McNeal, Connie
Kuta, Halina	Lewallen, Katharine	Manuel, Alex	McNeil, Shannon
Kuzurq, Lynn	Lewis, Patricia & John	Marcacci, Nancy	McPherson, Gloria
L'amore Restaurant	Lewis, Sarah	Marie, Karen	McPherson, Jenny
Labile, Michele	Lexis Prep PTO, Inc.	Mariner, Leslie	McSparin, Joan
Ladick, Gina	Leyvnas, Richard	Markel, Kristy	McWhorter, Zonna & Bill
Lafferty, Robin	Lieber, Lysbeth	Markham, Jeff	Mead, Darla
LaFleur, Kelly	Lieberman, Rebekah	Markow Family Foundation	Meador, Deron
Lake, Stephanie	Lincoln & La Bella LLC	Marm, Alan	Mealey, Kelli
Lakeside Ranger District	Link, Brian	Marriott International	Meckley, Mary
Lakom, Barbara & Edward	Lipka, Jeanine	Marshall, Carol	Meieran, Rosalind
Lakshmanan, N.	Lipp, Diana	Marshall, Dr. John	Melamed, Janet & John
Lamb, Louise	Lipp, John	Marshall, Morris	Melczer, Angela
Lamber, Marc	Lippert, Lorrie	Marsillo, Kim	Melendez, Kapriana
Lambert, Mary	Lipsky, Dr. Steven	Marsillo, Rose	Meoli, Fabrizia & Augusto
Lambeth, Jennifer	Lish, Suzanne	Martin, Mary	Merrill, Ann
Landsverk, Julia	Lite Cure	Martin, Louise	Mertens, Diane
Lane, Carolyn	Loder, Carolyn	Martin, Patricia	Mesa Public Schools
Lang, Kathleen & Tom	Loerance, Joe	Martina, Lori	Mesa, Kristin
Lange, Sherri	Logan, Tucker	Martineau Rasp Designs	Mesirow, Michael
Lanza, Kathy	Lombardi, Tammy	Martinez, Cearra	Messbauer, Ken
Lanzerotta, Shannon	Long, Terry	Martinez, Serena	Mesta, Robert
Lara, Yurianna	Longley, Keith	Martinez, Virginia	Metrick, Patricia
Lareau, Patricia	Longley-Koopal, Debbie	Martinez, Will	Metz, Don
Larsson, Rosemarie	Loo, Kent	Martucci, Romina	Meyer Charitable Fund
Lathrope, Wendy	Lopez, Jennifer	Marvin, Helen	Meyer, Christian
Laub, Tarver	Lost Dutchman State Park	Marvin, Sue	Meyer, John
Lauer, Claire	Lotzou, Elizabeth	Mascaro, Kathleen	Michael, JoAnne
Launer, Justin	Loukota, Sarah	Mason, Angela	Michaelson, Joley
Laurend, Becky	Love, Sheri	Mathew, Susan	Mickelson, Shawna
Laurendery, Becky	Love, Lynn	Matney, Edward	Middents, Anne
Lavallee, Laurie	Lovering, Rochelle	Mattausch, Laura	Mihaylo, Lois
Lavinia, Megan	Low, Jaime	MBH Trust	Mike, McCreery
Lavo, Dee	Lowry, Penny	McCaffrey, Kathy	Miko, Aniko
Lawcock, Sean	Loy, Marcy Hosing	McCain, Cindy & John	Mikolowsky, Teresa
Lawrence, Cheryl	Lucas, Suzanne	McCall, Arthur	Miller, Melissa
Lawson, Kathy	Lucero, Bill	McCalla, Mary	Miller, Adrienne
Lazar, Richard	Lukey, Brittany	McCarthy Building	Miller, David
Lazor, Norma & Robert	Lust, Betty	Companies, Inc.	Miller, Elizabeth
Leadingham, William	Lustgen, Jeanie	McCarthy, Karen	Miller, Jan & Joe
Lebhart, Beatrice & Robert	Lutheran Retreat Center	McCarty, Kaori	Miller, Katie
LeBlanc, Carolyn & Craig	Lutton, Barbara & John	McClain, Kelly	Miller, Kim
Leboeuf, Michael & Elke	Lynch, Janet	McCleery, Barbara	Miller, Mary

Miller, Rochelle
 Miller-Baker, Tiffany
 Milligan, Susie
 Minemyer, Darin
 Minore, Dominica
 Miottel, Matt
 Mirelle, Rose
 Mires, Amanda
 Mirza, Lila
 Mitchell, Denise & Scott
 Mitchell, Nancy
 Mitchell, Steven & Donna
 Mitschele, Aaron
 Mitsumori-Rush, Lois
 Mittelstaedt, Amy
 MJS Designs, Inc.
 Moe, Cory & Traci
 Moffat, Rebecca
 Mohler, Kate
 Moler, Elizabeth & Ron
 Molina Fine Jewelers
 Molt, Rebecca
 Montalvo, Kara
 Moody, Greg
 Moody, Margaret
 Mooney, Shirley K.
 Moonkyung, Kim
 Moore, Sarabeth
 Moore, Holly
 Moore, Jennifer
 Moore, Judi
 Moore, Lawrence
 Moore, P.

Moore, Sheena
 Morales, C.
 Morales, Emmy
 Morell, Adrienne
 Morell, Paul
 Moreno Family Foundation
 Moreno, Carole & Arte
 Morgan, Lisa
 Morris, Michael & Tracey
 Morris, Payada
 Morrison, Susan
 Morse, Duane
 Mosby, Ali
 Mosby, Babe
 Mosby, Megan
 Mostoller, Paige
 Moulard, Barbara
 Mount, Cheryl
 Mountain States
 Wholesale Nursery
 Mousel, Melanie
 Mowery, Dennis
 Moynahan, Mina
 Mriss, Carl
 MS MCC Park One, LLC
 Mueller, Lucas
 Muir, Faith
 Mulford, Jeannie &
 Ambassador David
 Mullins, Stephanie
 Munoz, Sally
 Mure, Braden
 Mure, Bryan
 Murillo, Christina



Osprey - Photo by Kenny Wilkins

Murillo, Eve
 Murphy, Amanda
 Murphy, Carol
 Murphy, Susan
 Murphy, Jill
 Murray, Camille
 Murray, Victoria
 Murrell, Dan
 Murset, Richard & Katie
 Music in the Mountains
 Musilli, Donna
 Muzich, Dan
 Myers, Tammy
 Nagel, Eliot
 Nam Singh, Hari
 Nando's Mexican Cafe
 Nannetti, Cindi
 Napier Sculpture Gallery
 Napier, Mike
 Natoce, Russ
 Nature Conservancy
 Naughton, Rita
 Nava, Leonard & Christina
 Navajo Main Office
 Navarette Elementary
 Needham, Larry
 Neil, Mary
 Nell, Anita
 Nelson, Kelly
 Nelson, Ronald & Georgia
 Nelson, Shawn
 Nemiro, Judd

Nesbit, Jennifer
 Nestor, Lori
 Network for Good
 Neve, Paul & Gretchen
 Newcomb, Jackie
 Newhagen, Jill
 Nguyen, Cade
 Nichols, Steve
 Nicholson, Justina
 Nickerson, Abby
 Nielson, Kristel
 Nienstedt, Kari
 Niesen, G.
 Night Run
 Norberciak, Karina
 Norris, Debbie
 North Scottsdale Church
 Norton, Elizabeth
 Norwood, Janet
 Novak, Bobbie
 Novartis
 Nowak, Darlene
 Nowicki, John
 Nuzzo, Joe
 Nygaard, Debbie
 Nygaard, Karen
 NZP Auto Sales
 Oakes, Greg
 Oakly, Kathy McKenzie & John
 Ocanoai, Mark
 O'Conner, Jeff
 Odishaw, Courtney

O'Donnell, Sean
 Ohab, Maureen
 Oakland, Bill
 Oldham, Carlos
 Olsen, Judy
 Olshock, Eve
 Olson, Roger
 O'Malley, Charlie
 Oman, Kelly
 O'neil, Sue
 Ong, Laureen
 Opine, Kim
 Ori, Elizabeth
 Orr, Adriene
 Orr, Dr. Kathy
 Orr, Edwin
 Osborn, Jones
 Osborn, Nelle
 Osborn, Sharon
 Osburn, Nicholas
 Ostrander, Marybeth
 Out of Africa Wildlife Park
 Out of the Blue Excursions
 Overton, Debbie
 Owen, Alison
 Owens, Elaine
 Ozee, Betsy
 Pabst, Sheri
 Pacheco, Shelly
 Pachman, Robert
 Padmode, Robert
 Page Springs Trout Farm

Page, Kathy	Pearson, Richard & Barbara	Plotkin, Melissa	PV United Methodist Church
Pahules, Leia	Pedersen, Doris & Mike	Plotkin, Shelly	PVCC Bio Lab
Paik, Gerald	Pedersen, Allie	Plourde, Laura Mary	PVCC Biology
Palacio, Don	Pedersen, Mo	Pomegranate Cafe LLC	Quigley, Charlotte
Palmer, Miriam	Perry, Carol	Pop, Megan	Quinn, Melissa
Pandoras Baubles and Beads	Perry, Shawna	Pope, Robyn	Quinn-Ortiz, Patricia
Panzer, Jaime	Perry, Shirley	Popejoy, Kayla	Rains, Stephen
Papadopoulos, Socrates	Peterson, Erin	Popich, Amyra	Rajczak, Deborah
Paradise Valley Community College	Peterson, Birdy	Porter, Marci	Raleigh, Steven
Paradise Valley Emergency Animal Clinic	Peterson, Jane A.	Portney, Sandra	Ralston, Anne
Pardiew, Kimberley	Peterson, Lauren	Portnoy, Jonathan	Ralston, Norma
Parker, Ariel	Peterson, Lori	Post, Fran	Ramirez, Natalia
Parker, Denise	Peterson, Madeline	Potash, Casey	Ramsey, Jeff
Parker, Randy	Petolicchio, Lynn	Potter, Van	Rancho de los Caballeros
Parker, Ryan	Pfitzer, Elizabeth	Pottle, Angela	Rancho Gabriela
Parker, Sue	Pfleiderer, Penny	Poulos, Christopher & Laura	Rancho Manana Golf Club
Parks, Karen	Phalen, Mike	Powell, Sara	Randall, Andrea
Parnell, Heidi	Pheil, Holly	Powers, Kaley	Randy's Restaurant,
Parrott, Kimberly & Ross	Phillips, Copper	Powers, Karen & Jerold	Randy Cole Enterprises, Inc
Parrott, Ross	Phillips, Todd	Poyer, Deirdre	Rapp, Karen
Paterson, Sam	Phoenix Summit Challenge	Pradolin, Flavia	Ratcliffe, Dawn M.
Patricia, Jacoy	Phoenix Suns	Pratl, Victoria	Rawlings, Carol
Pattengill, Jenny	Phoenix Zoo	Pratte, Karen	Ray Glasses
Pattle, Angelique	Piccinati, Arthur	Preece, Johnny	Razza, Allison
Paulo, Bonnie	Pierce, Robert	Priby, Melissa & Keith	Reachmack, Frank
Pavleck, Jenna	Piere, Tom	Price, Dana	Reckling, Mark
Payne, Hilary	Pierstorff, John & Donna	Price, Lee	Recreation Centers of
Payne, Danny	Pilcher, Jill Knowlton	Prickett, Vickie	Sun City, Inc.
Payne, Michael	Pine, Deanna	Prince, Liza	Recycle Arts & Youth Festival
Paynter, William & Krysten	Pino, Toni	Prince, Signe	Red Mountain High School
Payton, David	Pinto, Philo	Printz, Kimberly	Reed, Marsha
Pazderka, Robert	Pioneer Village RV	ProBest Pest Management	Reeder, Deborah
Peace, Erik	Piper, Nancy	Prochelo, Gary	Reeves, Wendy
Pearson and Company	Pitt, Frederick	Protocollo, Lorraine	Reger, Lori
	Plati, Suellen	PRP Wine International	Reilly, Sandra & William
	Pleasant Elementary	Purcell, Rodie	Reilly, Denise



Snow geese - Photo by Mike Ince

Reineccius, Angela	Rossin, Ted	Schechter, Christa	Shotey, Marcus
Reiter, Patti	Roth, Arthur	Scheurmann, Lori	Shrewsbury, Michelle
Renner, Susan	Rotolante, Betty	Schick, Marcia	Shriver, Deborah
Reno, Stevie	Royan, Christopher	Schley, Jeanne	Shumaker, Jon
Reuss, Victoria	Rozic, Marti	Schmidt, P	Shumaker, Lisa
Revels, Cecille	Rubin, Michael	Schmuhl Family Fund	Siciliano, Beverly
Reynolds, Lynn	Rubin, Susan	Schneck, Penny	Sidenius, Erik
Reynolds, Chantel	Rubin-Williamson, Lori	Schneerer, Linda	Sieben, Kay
Reznik, Vicky	Rue, Robert DBA	Schneider, Talina	Sierra Bonita Grill
Rezvani, Shahrokh	Ruetz, Joy	Schneider, Dawna	Sigman, Tammy
Riccolona, Vinny	Ruggiero, Cheryl	Schneider, Phillip & Nancy	Sikes, Linda
Rice, Anthony	Rugh, Leslie	Schneider, Rainey	Silliman, Holly
Rice, Dawn	Ruiz, Arthur	Schnettler, Mimi	Silver, Robin
Rice, JoAnn	Ruht, Barb & Kurt	Schoenbeck, Tom	Silverman, Adrienne & Michael
Rice, Marshall	Rulian, Michelle	Schofield, Michael	Silvia, Darcy
Richardson, Deborah	Rummel Construction	Schreiner, Christine Alexis	Silvia, James
Richardson, Lisa	Runkle, Louise	Schruber, Nancy	Simich, Nancy
Richardson, Matt	Rusinger, Linda	Schuchman, Brian	Simplot, Tom
Richter, Tim	Rutkowski, Judy	Schuchman, Susan	Simpson, Aaron
Rick Bronson's House of Comedy	Rutt-Gruber, Carol	Schuh, Sheree	Simpson, Edith
Ricketts, Terry & Debra	Ryan, Dawn	Schulgasser, Andy	Simpson, Gary
Rider, Stu	Ryan, Lori	Schulgasser, Henry	Simpson, Richard
Ridgley, Meg	Rylance, Ann	Schultz, Sandi	Sims, Linda
Riggs, J.V	Rymes, Mike	Schutte, Anne	Sinclair, Gordon
Riley, Nancy	Sablan, Jeanne	Schwark, Jean Ann	Sine, Wanda
Rimmer, Annabel	Sachse, T.	Schwartz, Marc	Singh, Al
Ring, Pat	Sage, Christine	Schwimer, Tim	Singleton, Lori
Ringholz, Tamara & Douglas	Sahady, Susan	Sciascia-Phillips, Katherine	Sinnonsen, Connie
Ringlero, Aleta	Salamore, Jessica	Scott, Becci	Sirwaitis, Kathy
Ripley, Pamela & James	Salem, Tracy	Scott, Linda	Sivak, Margit & Miklos
Risoleo, Pamela Overton & James	Salt River Pima Indian	Scott, Sherry	Sivers, Pete
Rita, Carol	Reservation	Scottford, Anne	Skehen, Deborah & Joseph
Ritter, Patricia	Salt River Project	Scottsdale Leadership, Inc.	Skinner, Brian
Roadhaven Resort of	Salyers, Tammy	Scottsdale Public Library	Skoff, Beth
Apache Junction, Homeowner's	San Tan Mtn. Regional Park	Scottsdale Sunrise Rotary	Skowronski, Stacey
Association	Sanchez, Lisa & Andrew	Foundation, Inc.	Slipcheck, Jason
Robb, Susan	Sanchez, Ken	Scottsdale Unified School District	Sloan, Peaches
Robbies, Mike	Sanchez, Paloma	Seaker, Robert & Margaret	Sly, Jason
Robbins, Cheryl	Sanctuary at Camelback Mountain	Secrehan, Chloe	Small, Thomas
Roberson, Dianne	Resort & Spa	Sedwik, Deborah	Smalley, Susan
Roberson, Patricia	Sandella, C.	Seggelink, Dawn	Smethurst, Sue
Roberson, John	Sanders, Baldwin	Seifert, Karin	Smith, Anita
Roberts, Bill	Sanders, Cheri	Selchow-Burr, Carly	Smith, Bob
Roberts, Kendra	Sanders, Nancy	Selland, Brad	Smith, Brenda & Mark
Roberts, Lori	Sanders, Pete	Seltzer, Allison	Smith, Carol
Roberts, T.	Sandler, Adam	Seneski, Patty	Smith, Corinne & C.A.
Roberts, Jason	Sanford, Adriana	Septon, Jan	Smith, Kit
Robertson, Lesley	Santos, Tricia	Seredich, Bobi	Smith, Lauren
Robinson, Jeremy	Sassano, Meredith	Serenity Women's Care	Smith, Linda
Robles, Gary	Saunders, Heather	Sevedich, Bobi	Smith, Melinda
Rochford, Riley	Saunders, Herb	Shah, Auani	Smith, Michael
Rodriguez, Barbara	Saunders, Michael	Shangraw, Rick	Smith, Peter
Rodriguez, Michael	Savage, Christopher	Shannon M. & Joel Barthelemy	Sneva, Sharon & Tom
Roeper, Tim	Savage, N. Leslie	Foundation	Snow King Resort
Roer, Dorothy	Savage, Patti	Shaver, Charles	Snyder, Laura
Rogers, Robert	Savage, Victoria	Sheberger, R.	Snyder, Sherill
Rogers, Greg & Kelly	Savo, Gayle	Shelor, Michele	Sokiveta, Sarah
Rogers, Lawrence	Sawyer, Susan	Shepard, Amy & David	Sol Mexican Cocina
Rogers, Lori	Sawyers, Ben	Shepard, Carol	Sonntag, Lynne
Rogers, Tony	Sawyers, Clark	Shepherd of the Valley	Sopchak, Evan
Rohan, Christopher	Sawyers, Jimmy	Lutheran Church	Sorensen, Randall
Rohr, Stacey	Sayeg, Alfredo	Sherman, Michael	Sorenson, Peter
Romanella, Jerry	Scanlon, Brian	Sherrill, Marcee	Sorum, Dr. Mike
Romano, Kristen	Scardino, Suzi	Shimp, Irene	Sotelo, Judith
Rosenthal, Sandy	Scarpelhan, Bobbi	Shoemaker, Caryn & Larry	Southard, Richard & Suzanne
Rosner, Laura	Schallan, Joe	Shore, Linda & Tom	Southwest Catholic Health
Rossi, Peter	Schappe, Lynn	Short, Ray & Louise	Network

Southwest Wings Ed Program	Surovy, Adria	Trahan, Tom	Viola, Kate
Spain, Sunny	Sustival	Trapp, Renee	Virginia G. Piper Charitable Trust
Spanger, Ann	Svob, Diane	Traylor, Cindy	Virtanen, Kelly & Marko
Spangler, Jennifer	Svoboda, Michelle	Treisman, David	Vitale, Frank
Sparman, Diana	Swanson, Lilla Abegg	Trenga, Thomas	Vo, Paul
Spelman, Michael	Swchuman, Susan & Jessica	Tres Rios Ed Program	Vogel, Desiree
Spence, Steven	Sweigart, Sherry	Trevino, Jennifer	Vollbrecht, Nathan
Spengel, Annette	Swift, Carole	Trimmer, Quinten	Voss, William
Sportsman's Club of Sun City	Swinton, Pat	Tripp, Ida	Vroom, Patricia
Sprague, Jennifer & Tim	Sydenham, Deb	Trivison, David	Vyborny, Mark
Spur Cross Conservation Area	Syler, Laine	Trochim, Jim	W.J. Maloney Plumbing Co., Inc.
Archeological Expo	System Schools, Inc.	Tromp, Shannon	Waheed, Dawn
SRP	Talbot, Teri	Troon Golf	Walker, Gerry
St. Clair, Cindy	Talbott, Dana	Trueheart, Terri	Walker, Joe
St. John Bosco	Talbott, Deborah	Truist	Walls, Catherine
St. John, Megan	Tank, Tom	Trujillo, Carlos	Walters, Elizabeth
Stamatis, Kathleen	Tanswell, Valerie	Tuck, Judith	Walters, Matthew
Standerfer, Pamela	Tapetillo, Socorro & Jose	Tupen, Vickie	Waltman, Carrie Anne
Stanley, Susan	Tarango, Amy	Tupper, Debbie & Todd	Ward, Kim
Starways, Inc.	Tarango, Manuel	Turner, Tom	Ward, Jennifer
State Farm Companies Foundation	Targos, Renee	Turner, Missy	Warnka, Kim
Steam-Roosevelt School	Tarrant, Phillip	Turner, Sandra & Lee	Warst, Rosebud
Steele, Jennifer	Taulu, Terry	Turner, Scott	Washburn, Natanya
Steele, Peggy	Taylor, John	Tucson Audubon Birding Festival	Waste Management Phoenix Open
Stein, Jack	Taylor, Mark	Two Gals Events Promotions	Waters, Georgia
Stein, Linda	Taylor, Patsy	Ulrich, Brian	Watilo, Susan & Larry
Steinbeck, Kim	TCA Birds of a Feather	Unger, Marion	Watkins, Jan
Steiner, Duane R.	Teres Nail Bar	Unitarian Universalist	Wattrus, Louise P.
Stelby, Fred	Terramar Elementary School	Congregation	Watts, Lori
Stenson, Zachary	PTSA	United Health Foundation	Watts, Chris
Stephens, Rosemary	The Benevity Community	United Way of Greater	Watts, Cynthia
Stevens, Alexandra	Impact Fund	Philadelphia and New Jersey	Wawrzyniak, Kristy
Stevens, Terry	The Crosby Family Trust	Upright Gardners LLC	Wayland, John
Stewart, Judy	The Ellie & Les Hayt Family	Valderrama, Hillary	Weatherup, Constance
Stewart, Kevin	The Friends of the Peoria	Valley of the Sun United Way	Weaver, Mike
Stewart, L.M.	Public Library	Giving	Weber, Kurt
Stewart, Mike	The Inn at Rancho Santa Fe	Van Brunschot, Kaitlyn	Weber, Lisa
Stickelman, Jeffrey	The Ipsum Group LLC	Van Denburgh III, Kristen &	Webster, Byron
Stipp, Christopher & Sherry	The Jaworski Trust	John P.	Weese, Dr. William
Stofko, Alexandra	The Mickey Petersen	Van Deusen, Kristin	Weese, Brooke
Stofko, David	Charitable Fund	Van Minder, Rainer	Weese, Curtis
Stokich, Dan	The Munson Family Trust,	Van O'Steen, Deborah & Bernard	Weese, James
Stoltenberg, Erica	Kathleen & Charles Munson	Van Valer, Susan & Robert	Weese, Scott
Stoner, Victoria	The Night Run Inc.	VanBuskirk, Tracy	Weier, Lyn
Stonewall Resort	The Queen Mary	VanDyke, Marian & Warren	Weinstein, Lauren
Stopher, Randy	The Resort at Port Ludlow	Vanecko, Bonnie & Daniel	Weller, Michele
Story, Jennifer	The Steven Shields Family Trust	VanWallene, Matt	Welling, Elizabeth
Stout, Kim	The Turner Family Charitable	Varnier, Shawn	Wells, Lynn
Stradner, Daniella	Trust	Vascik, Leo	Wessel, Kelly
Strangwaynes, Matt	Theiss, Mary	Vaughn, Sheila	West, Cara
Strausser, Shannon	Thomas, Nicole	Vaught, Susie & Ken	Westar Elementary
Street, Cyndi	Thomason, Aaron & Tracy	Veggie Boy, LLC	Westen, Nora
Strickland, Andrea	Thompson, Carolyn T.	Vegors, Kenneth	Westenhaver, Kurt
Strimple, Joy Bingham	Thompson, Debbie	Vegors, Patricia	Westerhausen, Betsey
Strohmaier, Andrea	Thunderbirds Charities	Vejar, Susan	Westerhausen, Ethan
Strosnider, Balinda	Thus, Maribel	Ventura, Rick	Westerhausen, J. Walden
Struble, Karen	Tierney, Diane	Verde Canyon Railroad	Westerhausen, Tracey
Stucks, Robyn	Tilted Kilt	Verde Maison	Western Area Power
Studebaker, Ben	Timm, Paul	Vesic, Patrice	Administration
Stuert, Dixie	Tipping, Mary & Mark	Veterans Oasis Park	Western Tree Nursery
Stuert, Leon	Tobar, Juan	Vicino, Fernando	Wet 'n' Wild Phoenix
Sturm, Shaunicy	Tom, Folkestad	Vick, Toni	Wetherbee Weese, Lynn
Suits, Carol	Tom, Jen	Vier, Pamela	Weymo, Brian
Suits, David	Torpey, Jennifer	Viewpoint & Associates	Wheeler, Nancy
Sullivan, William	Torrens, Sharma	Villa, Marlene	Wheeler, Joia
Summit School	Tossberg, Allie	Village Health Clubs & Spa	Whetstone, Kathy
Sunday, Connie	Tousley, Mary	Vinder, Pam	White Tank Mountain Program

White, Kendra
White, Kristen
Whitehead, Solange
Whitehouse, Roger
Whitfield, Mary Jo & Burke
Wilcox, Ann
Wild Birds Unlimited
Wildlife World Zoo & Aquarium
and Safari Park
Wilhelm, Maria
Wilhite, Christine
Wilkowski, Kip
Williams, Cindy
Williams, Suzie
Williams, Victoria
Williams, Candyce
Williams, Cynthia
Williams, Stephen
Williams, Victoria
Williamson, Doug
Williamson, Karen
Williamson, Lori
Wilson, Carol
Wilson, Darlene
Wilson, Deborah
Wilson, Jeremy
Wilson, Margo
Wilson, Ross & Debra
Wilson, Mary
Wilssens, Stacy
Wine, Leslie
Wings & Wags Foundation
Winkler, Bonnie
Winney, Jodi
Wire, Leslie
Witek, Pat
Withrow, Pam
Wittman, Denise
Wolcott, Ashley
Wolfe, Dr. John
Wolfe, Margaret
Wolff, Polly
Wollaston, Adriane
Wood, Lori & Kent
Wood, Lorie & David
Wood, Troy
Woodcarvers
Woodcock, Tara
Woodland Wildlife Festival
Woods, Kristilyn
Woodward Fund
Work, Mary
Worth, Tim
Wright, Shellie
Wright, Mary
Wrzosek, Liz
Wyatt, Cindi
Wyatt, Shannon
Wycoff, Sara
Wyman, Dr. Tanya
Yahn, Mai
Yanecko, Bonnie
Ybawez, Brooke
Yeager, Lisa
Yeo,Carolynn
Young, Michele
Young, Tanya

Zaccardo, Patricia
Zaitseva, Alexandra
Zamora, Gloria & Miguel
Zastrow, Chris James
Zeisel, Heidi
Zellers, Diana
Zentara, Judy
Zerbe, Brad
Zetah, Janet
Ziegler, Cynthia & Barry
Zier, Jonathan
Zimmerman, Ayn

Zindle, Elizabeth & Kennet
Zoerb, Michele
Zurck, Roxanne
Zwillinger, Gary

*We apologize if we have inadvertently
omitted or misspelled your name.
Please let us know. Thank You!*



Harris' hawk - Photo by Kenny Wilkins



Sandhill cranes - Photos by Mike Ince



www.libertywildlife.org

Liberty Wildlife
2600 E. Elwood Street
Phoenix, AZ 85040

Wildlife Hotline: (480) 998-5550