



Coyote Love

story and photograph by Guy Galante



The Valentine's Day season is upon us, and love is in the air in the Parkway! But, love is not a word that everybody uses to describe their feelings about coyotes.

Some will scowl believing their cat or small dog fell prey to one. Others will glow while telling the story of coyote song heard at night.

Whatever the personal feelings towards them, coyotes play an important role in helping to shape the natural communities in which they live. As predators, they help keep populations of mice, rabbits, and other small animals in check. But coyotes also prey on other predators like raccoons and skunks, and this fact works to the benefit of birds, mice, and other small animals.

January to March is coyote mating season, and the males have been courting female partners since December and January. For those of us lucky enough to see prolonged glimpses of these canines, some will notice that coyotes are often in pairs these winter months.

Evidence shows that coyotes are quite loyal to their partner; they mate for life unless their partner is removed or displaced. Some people who travel regular paths in the Parkway have grown to know certain coyote pairs and have watched their family grow and expand year after year. Whether you love 'em or hate 'em, there's something to be said about seeing the young pups playing about, with their oversized ears and clunky paws!

The gestation period for a female coyote averages 63 days. She births an average of 3-6 pups in an underground den. The number of pups varies depending on how much food is available. Litter size also depends on how many coyotes live in the area. Unofficial observations of the number of coyotes in the Parkway seem to indicate that there is a small family grouping in each of the main access points to the park. Recently, an adult pair was spotted in River Bend Park and, then, in Gristmill a few days later. So there is obviously overlap in their range and territory.

Coyotes are known to use the same den year after year, but here in the Parkway, they may have multiple sites to avoid human disturbances, especially during the busy spring and summer

months when human activity increases and encroaches on the wild spaces.

If a coyote pair is forced to relocate, they will actually relocate the pups one at a time, requiring them to leave the pups unattended for short periods. The female nurses them in the den for the first 3-4 weeks of their lives before they begin to explore the outside of the den. The mother continues to nurse them, but by this time they're also eating partially digested food regurgitated by their parents.

During this time, the male coyote attends to the female and their pups and brings food to the den for the family. The pups usually stay with the adult coyotes through the first summer and often break out on their own later that fall. Some family groups stay together over the winter, and the yearlings will help raise the next round of pups the following spring and summer.

Parkway users generally begin to see the pups out and about in June and July. In recent years, cold, dry winters and warmer spring temperatures seem to have brought pups out as early

see Coyote, page 3

Exhibit Opens: Imperiled Wildlife on Display

Kit foxes, giant kangaroo rats, and blunt-nosed leopard lizards are only a few of the wild creatures highlighted in the award-winning educational exhibit "Endangered Species of California's Central Valley" that has returned for an encore presentation at the Effie Yeaw Nature Center.

Photos and artwork of animal and plant life and interactive experiences are designed to appeal to visitors of all ages and abilities. Visitors can crawl through a human-sized burrow and learn about the shy, bushy-tailed endangered San Joaquin Kit Fox. Or they can try on a pair of 10 ft. California Condor wings, then learn about efforts to bring this endangered bird back from near-extinction while "feeding" a condor chick puppet along with its puppet "mom."

see Wildlife on page 4

President's Message

Dear ARNHA Members:

As I remember the past year and look forward to upcoming activities and events, I am reminded of the exceptional support we receive from organizations and individuals in the community.

I am grateful that during the holiday season we received so many generous donations. Many of our donors are listed elsewhere in the newsletter. Thank you.

The sheer magnitude of our volunteer effort was apparent at the appreciation lunch for volunteers. Dozens of people – including docents, receptionists, trail walkers, habitat restorers, animal care helpers, fundraising assistants, and board members – came together to enjoy a festive lunch, recognize the contributions of their peers, and enjoy the company of fellow nature lovers. The Nature Center could not continue without their skills -- and the 18,000 hours a year that they contribute.

The Urban Nature Project, supported by donations given during “Raise the Paddle” at the Art Gala, is in full swing with more than 100 classes already booked at no charge for children attending Title I schools.

We are working on planning Bird and Breakfast for the weekend of March 21 and 22 with help from the Sacramento Audubon Society (SAS). SAS will be providing us with experienced, knowledgeable guides who put great effort into surveying the Nature Study Area in advance and setting up scopes at nest sites so that our participants can get a close up view of our feathered residents “at home.” The Carmichael Kiwanis are making us their unrivaled Pancake Breakfast for Sunday and providing a top-notch crew to work in the kitchen. On Saturday, Board and Associate Board members will be demonstrating their culinary skills with our traditional breakfast casseroles.

Sacramento Fine Arts Center is our partner for the Art Gala scheduled for Saturday, May 30. Plans are shaping up very nicely: Moni and Greg Kondos and Doris Matsui have agreed to be Honorary Chairpersons; David Lobenberg is judging the art show; Dave Bender of Channel 13 has agreed to be our celebrity MC; and David Sobon will be conducting the auction.

We appreciate all that our members and others in the community do to keep ARNHA and the Nature Center flourishing. Thank you.

Sincerely



Liz Williamson
ARNHA President



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P.O. Box 241 Carmichael, CA 95609
916-489-4918 www.arnha.org

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Holiday Sale - Best Ever

The 2014 Holiday Sale was the biggest yet! Over 300 people shopped in The Discovery Shop that day. Favorite goods were the Rusty Birds garden décor, Wheelhouse bird socks, 2 *Magpies for Joy* hand-made soaps, Lucuma Gourd birdhouses and ornaments, and the fridge rover toy. The top-selling vendor was watercolorist René Reyes. Ninety-nine ARNHA books sold, with the new edition of *An American River Almanac* by far the most popular.

“Thank you to all those who shopped and who helped make this happen,” said Melanie Duboce, Discovery Shop manager and Naturalist.

Coyotes, from page one

as May, and litters have been noticeably smaller in number, 1-2 pups on average. Research shows that only one in five coyote pups survives the first year. In the wild, some coyotes live to the age of eleven years or more, about as long as

engage with humans and their pets, but they are, after all, wild dogs, so caution should always be exercised.

In the end, one can learn much from coyotes and may find that we aren't all that different from each other. They stick together as a team and co-parent when they

can. Their children participate in family matters. They persevere through adversity. They serve their community. They are loyal to one another. The American River Parkway is important to their lives.

The next time you find yourself out in the American River Parkway, see if you

can spot the loving pairs of these wild dogs. The way the sighting makes you feel might just surprise you.

Guy Galante, an outdoor educator, dedicates his free time to photographing the American River Parkway, especially coyotes. He uses his scenery and wildlife photographs to teach about the River's bounty in hope of creating future stewards of the Parkway. ■

Photo by Guy Galante



large dogs. Captive coyotes, which face fewer risks, have lived longer than fifteen years. Our Parkway coyotes certainly face greater risks while living in and amongst urban and suburban environments. They are much more likely to get hit by a car than preyed upon by a mountain lion.

One of the greatest dangers to coyotes is an off-leash domestic dog, which also places itself in danger when sniffing the way into coyote hangouts. This activity can force a coyote to abandon its food or move from what would otherwise be safe habitat. Domestic dogs that wander "out of bounds" may be met by aggressive coyotes that are simply trying to protect their dens in the spring months. Larger dogs may engage with the coyotes, while smaller dogs have been known to run into the thicket but not return.

Coyotes may even "gruff" at walkers with leashed dogs who inadvertently get too close to the den area. It is important to respect the coyote territory and spaces, mind your dogs, and stay on designated trails. It should be noted that it is extremely rare for coyotes to aggressively

April 24/25 - Art Accepted for Show and May 30 Art Gala

All artists are invited to enter the Sixth Annual Art Gala sponsored by The Sacramento Fine Arts Center (SFAC) and American River Natural History Association (ARNHA). This year, all entries will be received at the SFAC, 5330B Gibbons Drive in Carmichael, on Friday, April 24, from 2 to 5 p.m. and on Saturday, April 25, from 11 a.m. to 3 p.m. The non-refundable entry fee is \$15 per artwork with a limit of three artworks per artist. Paintings, collage, ceramics, sculpture, mixed-media, glass, and fabric art are eligible as long as the subject is about the American River, its flora, fauna, and natural values. The juried show will be at SFAC from May 12 to May 29. On Saturday, May 30, all art works will be auctioned off at the art gala at Effie Yeaw Nature Center (EYNC) in Ancil Hoffman Park. Last year's winner sold for \$5,000. Half the selling price stays with the artist, and half goes for EYNC nature programs for youth. On Saturday, May 30, a *Plein Air* Paint, Show, and Sell event is planned as part of the Art Gala. For all details about the show and gala see www.SacFineArts.org/call to artists.



Wildlife from page one

A visitor can press a button next to a condor head and hear a recorded voice instructing a young condor to fend off a coyote by such tactics as hissing and throwing up.

A Microslide Viewer offers a look into a vernal pool, a temporary pond that is home of inch-long fairy shrimp. There's an exhibit of Desert Tortoises that live up to 80 years. And another exhibit features the federally protected Valley Elderberry Longhorn Beetle that is often the center of controversy over proposed development.

Visitors can read "success stories" about the Bald Eagle, Swainson's Hawk, and Peregrine Falcon while listening to their "calls," and explore the life cycle of salmon through photos, games, artwork and text.

An electronic game helps clear the confusion over terms like "threatened" and "species of concern."

The exhibit traces the history of California wildlife protection and ways that people are working together to save wildlife. It shows how farmers are restoring wildlife habitat on their property and benefiting from wildlife-friendly farming practices. A video shows endangered plants.

"With this wonderful exhibit, we want to help make sure these plants and animals don't disappear from the earth," said EYNC Development Director Betty Cooper. Betty coordinated this year's exhibit along with former

Adela Jazbo tries on life-size California Condor wings.



Photo by Kari Bauer

Wesley Armstrong, with his dad Daniel, views vernal critters through the Microslide Viewer.

EYNC executive director Marilee Flannery, who pioneered its development, and volunteers Mike Cardwell and Greg Hutchison.

Marilee and Kari Bauer, *Acorn* photographer, built the "Grandma Condor" model for the Ventana Wildlife Society's condor exhibit seen at various museums in the state before it was donated to EYNC for further display and rental. It gives survival advice to young condors that were hatched in a zoo, such as avoiding people and power poles.

Visitors can see the Endangered Species exhibit any time from 9 a.m. to 5 p.m.; the nature center is open every day except Monday, unless Monday is a holiday (Martin Luther King Day, Presidents Day, Memorial Day, etc) when the Center is open. It is closed Thanksgiving, Christmas and New Year's Day.

Please call ahead for groups of eight or more people (916 489-4918). To learn more about the Effie Yeaw Nature Center, visit the website SacNatureCenter.org. ■



Alas, the *Western Bloodsucking Conenose* is not on the Endangered List.

Volunteers Feted at Lunch Celebration

On Thursday, January 29, a capacity crowd filled the Assembly Building at Effie Yeaw Nature Center to celebrate the many volunteers who help keep the Center and its educational programs running strong.

Joey Johnson, assistant to Betty Cooper; Jennifer Kerr, docent; and Margaret Rogers, docent and fundraiser; all reached the 1,000 hour mark and received their names on the plaque of the exhibit room door.

Sue Bristow, assistant to Betty Cooper; Lindsley Cross, receptionist; Kevin Hardy, lead animal care assistant; Margaret Leavitt, receptionist and ARNHA publications author; Bud Banker, ARNHA Board and special events; and Connie Wade, ARNHA Board and Chair of the Preserve Committee; have reached the 500 hour milestone, and each received an EYNC mug.

Marsha Bedwell, ARNHA First Vice-President; Linda Melching, docent; Ilana Weisberg, lead animal care assistant; and Jan Ahders, gardens and landscaping lead; each reached the 250 hour milestone and received an engraved pen.

Sierra Bird, animal care assistant; Jeannie Doneza, receptionist; Mary Howard, docent; Chris Hulbe, ARNHA mailing committee; Bob McCleary, docent and birder; Susie Niemann, docent; and Kirstyn Tatteson, animal care assistant; each reached the 160 hour milestone and received an EYNC T-Shirt.

Michelle Beckwith, animal care assistant; Stephanie Cyr, lead animal care assistant; Ethan Hall, animal care assistant; Chance Mauldin, ARC intern and wildlife surveyor; Rhys Rygg, animal care assistant and Girl Scout Gold Award project; Melissa Shumate, docent and special events; Susan Solarz, docent and special events; each reached the 100 hour milestone and earned the EYNC bandana. ■

Bird and Breakfast Set for March 21 and 22

If you'd like a close look at the birds that live at Effie Yeaw Nature Center and Nature Study Area, at the height of their spring courtship and nest-building activity, with a Sacramento Audubon expert as your guide, and a delicious gourmet breakfast after the walk, mark Saturday, March 21, and Sunday, March 22, on your calendar now.

Bird walks led by our best local birding experts begin at 8:30 a.m. Well in advance of the walks, the guides scout the Nature Study Area to update the latest bird behavior, learn of unusual species in the area, and set up spotting scopes near new bird nests. The walk is about ninety minutes, depending on the interest of the group members. No extensive birding experience is necessary – this event caters to all levels and to families.

After the walk, birders enjoy wonderful food, good coffee and tea, and other fun to help raise money for the Effie Yeaw Nature Center.

On Saturday, the Bird Walk is open to those 12 and older, and breakfast features a breakfast buffet provided by some of the best cooks among ARNHA Board members and Nature Center volunteers.

On Sunday, participants can choose to join either a one-hour Family Bird Walk—a one-hour walk with children 6 or older welcome—or a longer Adult Bird Walk open to those ages 12 and above. The Sunday event features an excellent pancake breakfast prepared by the Carmichael Kiwanis. On Sunday, a nature-themed craft activity for children is planned.

This event usually sells out, so advance registrations are essential. The cost is \$35 for ARNHA and Audubon members or \$40 for the general public. The cost for children aged 6 to 11 on the Sunday walk is \$8 for ARNHA and Audubon members or \$10 for the general public.

You can register online and get more information at www.SacNature-Center.net/birdandbreakfast15.html.

Clockwise from top right: Wood Duck, House Wren, Spotted Towhee, Bushtit and nest. Images are from Outdoor World of the Sacramento Region.



Wildlife Count Records 122 Bird Species

article by William E. Avery, illustrations from Outdoor World of the Sacramento Region

Participants caught a break in the rainy weather systems for a great day birding and counting wildlife December 6 in the 30th annual American River Natural History Association (ARNHA) Wildlife Count. Count Coordinator William E. Avery said 19,756 birds in 122 species were recorded compared to 19,166 birds in 111 species last year. Eleven teams with a total of 69 people participated, compared to 53 last year.

Northern Shoveler



A few team highlights include the following: Team 12, the Otters, dedicated its survey to the memory of Don Schmoldt,

recent past president of the Sacramento Audubon Society who died last April 23. Paddlers in one of the two canoes of Team 11, the Beavers, discovered an impassable wall of rocks and minor rapids in the middle of the American River but happily were rescued by paddlers in the other canoe.

"Team 10, the Meadowlarks, were amazed by abundant Canvasbacks and were fortunate to see a Clark's Grebe at the Discovery Park Quarry Pond," Avery said. "They also reported extremely numerous housecats at Discovery Park. Team 8, the Owls, was excited by Soras and abundant Wood Ducks at Bushy Lake. Team 7, the Falcons, with four subteams in the Gristmill to Watt area reported a "personal best" of 95 species plus two additional taxa (genetically distinct population units such as races, subspecies, or species) this year! Team 1, the Hawks, which was Ed Harper, spotted a Virginia Rail in the Hazel Avenue area."

Five new taxa were reported this year including Egyptian Goose (Ed Harper), Greater Scaup (Keith Kwan), Bufflehead x Common Goldeneye hybrid (Bill Avery, Chris Conrad), Dunlin (Dan Williams), Eurasian Collared Dove (Scott Hoppe). This brings the total taxa observed on all ARNHA Wildlife Counts to 186.

In great abundance (400+) this year were Canada Geese, Mallards, Canvasbacks (single location: 4000 at Discovery Park Quarry Pond), Common Goldeneyes, California and Herring Gulls (though fewer than the previous year), Mourning Doves, Bushtits, European Starlings, Cedar Waxwings, White-crowned and Golden-crowned sparrows.

Common Merganser



Species seen by only one team included: Snow Goose, Greater White-fronted Goose, Egyptian Goose, Gadwall, Lesser Scaup, Greater Scaup, Canvasback, Ring-necked Pheasant, Clark's Grebe, Virginia Rail, Sandhill Crane, Dunlin, Western Screech Owl, Great Horned Owl, Peregrine Falcon, Pacific Wren and Black-throated Gray Warbler.



White-crowned Sparrow

Notable differences comparing this year and last: Apparent declines (less than half) in numbers of Common Mergansers, all gull species, Black-crowned Night Herons, Turkey Vultures, Killdeer, Brewers Blackbirds. Apparent increases included goose flyovers (Ross's, Greater White-fronted, Snow), Wood Ducks, Pintails, Canvasbacks. Increases were also noted in Starlings and Red-winged Blackbirds. Notable absences included Mew Gull, Northern Harrier, and Common Gallinules. Nobody spotted either a Common Loon or a Bald Eagle this year. Possible causes for fewer gulls and Turkey Vultures might include a reduction in numbers of salmon returning to spawn. Increased waterfowl noted on, or flying over, the River might reflect lower water levels in these species' preferred winter habitats due to the ongoing drought.

In addition to birds, participants counted 53 deer (13 bucks, 22 does, and 11 fawns) somewhat more than the 46 last year. This year, teams also counted 17 Ground Squirrels, 53 Western Gray Squirrels, 59 Eastern Gray Squirrels, and 147 Fox Squirrels, 7 Coyotes (4 last year), 4 River Otters (15 last year), 18 Jackrabbits (17 last year) and 2 Beavers (8 last year). 102 housecats were seen - mostly at Discovery Park. More turtles were observed this year (41 - up from 1 in 2013) and more Pacific Tree Frogs (21 - up from 1 in 2013).

"All in all, we had a very successful and interesting wildlife count," said Avery, who is a professor of Biological Sciences at California State University, Sacramento. ■



Sandhill Crane

Nature Camps Keep Youth Learning

Children attending Winter Nature Camps at Effie Yeaw Nature Center (EYNC) in December discovered that winter is a great time to observe nature. Turkeys, deer and a variety of birds are all more visible when the trees and shrubs are bare! Campers in the Early Birds camp got a good look at the variety of resident and visiting birds in the nature study preserve, and made bird feeders to hang at home. Another highlight of Winter Camps was a visit from a live skunk, courtesy of the Folsom Zoo Sanctuary! And campers in the Take a Closer Look camp spent time in the nature study preserve on the lookout for “Nature

Surprise” moments, such as a group of turkeys crossing the trail in the middle of the campers’ “alone walk,” or observing the complexity of lichen under a microscope. Campers found that EYNC in December was truly a “winter wonderland!”

Spring camps will be held March 30 and 31, and April 1 and 2, with a special camp for 5-year-olds on Tuesday, March 31. Brochures are available at EYNC, and information and registration are available at the website at www.SacNature-Center.net. ■

Ask a Naturalist

Q: Sometimes I see lots of turkeys or deer at the Effie Yeaw Nature Center. Are there too many?

A: Nature Center Executive Director and Wildlife Biologist Paul Tebbel: “This is an excellent question. We can’t really say that there are too many because the populations of both species change according to the time of year, plus they move freely between the nature center, the Ancil Hoffman Golf Course, nearby neighborhoods, and even back and forth across the river. Thus, the numbers of both species vary according to their needs – so sometimes we have too many and other times we don’t seem to have any! For example, right now there is better grass in the nature center after the winter rains, so our deer populations are higher.

“Another time of year, when the deer congregate at the nature center, is when the fawns are born – mid-May until early July. The does hide their fawns in dense grass or brush while they go off to feed. The nature center has much more of this type of habitat than the golf course.

“In the summer and fall, you’ll likely see more deer and turkeys on the golf course because the managers irrigate the fairways, which keeps the grass green and the trees healthier there.

“By contrast, the vegetation at the nature center is very dry by mid-summer, so the oak trees usually do not produce as many acorns as the ones on the golf course.

“Both our mule deer and turkeys tend to congregate by gender. Thus, we find the does and their fawns and yearlings (the year’s young which are no longer spotted) together as a group; the bucks also congregate together – but not with the females. The exception is the breeding seasons – for deer that is October-January and for the turkeys, it is November through April. During the breeding season, the older and stronger bucks will form a harem and protect their females from other bucks. Once the breeding season is over, the bucks leave the does alone and go back to traveling as groups of males.



“Deer do not form families (male + female + young) as the does alone care for their young for about one year. The turkeys are similar in that the males (toms) and females (hens) only come together during the breeding season, and once that is over, they go back to being separate by gender. As with deer, female turkeys raise the young (poults). Often, several females will come together with all their young, forming the large groups of turkeys we see in the summer and early fall.” ■



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Thank you!

Extrovert

Usually you hear the Belted Kingfisher before you see it. The loud, rattling cry is the trademark of this slate-blue and white, robin-sized bird as it whips low along valley rivers and streams.

With its bushy, unkempt crest, spear-like bill, short tail, and short legs, it looks top-heavy as it perches on a cottonwood root sticking out from the river's bank. The slate-blue bib rests on its white breast, while the female also sports a flashy, rust-colored cummerbund.

Suddenly, the kingfisher is off, darting this way and that on swiftly-beating wings, suddenly slowing down, seeming to shift gears, now hovering over the water. Then with wings hunched, it dives into the water and emerges with a small fish in its bill.

Back to its root perch it heads, shaking water from its catch. Then, it disappears into a hole in the clay bank while its mate watches from a nearby branch. The hole is the kingfisher's burrow, a six-to-eight-foot long tunnel to a chamber where the nestlings reside. They recently emerged from glossy white eggs, typical of those found in safely-hidden nesting spots where no camouflage is needed to protect them from predators.

Suddenly, the kingfisher explodes from the hole, chattering all the time, to resume its pell-mell pace down the river, signaling "keep out" to would-be kingfisher intruders.

To some, this ace angler may seem a strange bird. But we salute it for its raucous *joie de vivre*, for offering a colorful counterpoint to the greening woodland and the silently passing river.



From An American River Journal, published by The American River Natural History Association (ARNHA.) It features drawings by ARNHA co-founder Jo Glasson Smith and essays by retired newspaper editor Peter J. Hayes, an ARNHA associate board member. The book is available for \$9.75 at the Effie Yeaw Nature Center, arnha.org, and selected stores. Visit arnha.org "Podcasts" to hear readings of the essays by the author.

Young Birders Build Interest and Skills in Birding

by Rachael Cowan

Rachael Cowan is an Associate Naturalist at Effie Yeaw Nature Center and a certified UC Naturalist. From Grass Valley, she has a lifelong passion for the natural world and science education.

This winter the urge to bird has reached our youngest nature enthusiasts. On Tuesday, December 23, twenty children ages 6 to 11 arrived at a crisp 8:30 a.m. for the sold out Early Birds Nature Camp, where children spent 90 minutes on the trails noting bird shape and size, location, and behavior. After birding, campers made Marvel Meal and smeared the resulting suet into log feeders which they took home.

Families enjoy bird life at Effie Yeaw Nature Center during Sacramento Audubon's Annual Kids' Christmas Bird Count event.



Northern Flicker

David Rosen helps a young birder handle the spotting scope.

Photo by Kari Bauer



Photo by Kari Bauer



Sophie, age 7, said, "I really liked the blue of the Western Scrub Jays' feathers. And I really liked the antlers on the bucks; they were super big. And I really liked the cake and prizes." Olivia, age 10, said, "I think the Red-tailed Hawk that was flying over us was my favorite. I wish I could fly like that. I liked the books that we were able to pick at the end too. Now, we have our own nature library." Their mother said the girls played "nature center" when they got home that day. ■

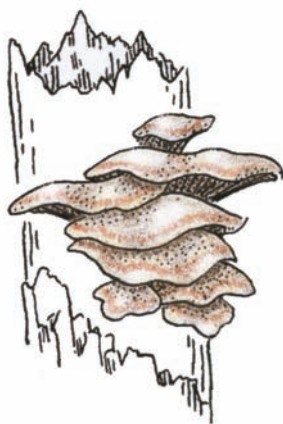
Right: Emma McKee admires Sophia, a Northern Saw-whet Owl who came to Effie Yeaw Nature Center on the grill of a five-axle truck. Sophia can no longer live in the wild on her own.

Photo by Kari Bauer



New Members October-December 2014

- Kelly Allen
- Samira Alqazzaz
- Lori Baldwin
- Bill Beckett
- Allen Bender
- Pedar Bruce
- Sally, Robb & Penryn Buck
- James Collins
- Sally Day
- Sue & Mike DeHart
- Amy Delacruz
- Joseph & Rebecca Downing
- Kelly Dunlap
- Diane Durston
- Rae Ann Eckstrom
- Linda Esten
- Juliana Fisher
- Erin Forest
- Curtis & Susan Fossum
- Nathan Fruin
- Tricia Gaiduk
- Gail Galante
- Maureen Geiger
- Anne Geraghty
- Christine Gold
- Bernadette Grabb
- Laura Gray
- Randall Haight
- Janet L. Hamwi
- Mary Hanson
- Naomi Harper
- Bobbie Henry
- Carrie Gray Hildreth
- Ken Holmes
- Kristina Ishihara
- Liviu Ivanov
- Gay Jones
- Gordon Joost
- Kay Kane
- Celia Karim
- Anita Kenner
- Lise and Tom Knox
- Jennifer & Ben Kopperl
- Paula Kuhlman
- The Lezon Family
- Alice & Patrick Loncsak-McAuliffe
- Michele Long
- Mark Lynn
- Martha MacBride
- Molly Magruder
- Patti & Walter Malhoski
- Jolie Martin
- Christina Maynard
- Kathy McConville & Kathy Purdy
- Cyndi Monday
- Sean & Catherine O'Connor
- Steve & Jennifer Pedigo
- Robin Pepper & Laurie Grenz
- The Popjevale Family
- Peggy & George Rackelmann
- Karin Richardson
- Roberta Ruch
- Juan Sandoval
- Flo Schodtler
- James Scott
- Bill & Judith Scott
- Mary Sinclair
- Paul & Emily Singer Family Fndn.
- Carrie Stafford
- Alice Stivanelli & Nancy Reed
- Julie Sullivan
- Joyce Sweet
- Veronique Tache
- Theresa Tena
- Tina Thirakane
- Patrick & Dorothy Wagner
- A.J. Watson
- Linda Weijers
- Megan Welsh
- Robin Whaur
- Kathy & Rod Winegarner
- Megan Wood-Walker
- Jerome Yatsko



The *Polypores* are one of the groups within the over 700 species of fungi in the region

Call for Volunteers!

Spring Cleaning For the American River Parkway

Everything benefits from a good spring cleaning, and that includes the banks of the American River. The annual Spring Cleanup sponsored by the American River Parkway Foundation will take place on Saturday, April 11. Picking up litter in the parkway helps reduce trash that could pollute the American River and harm native wildlife.

Ancil Hoffman Park is one of the main sites for the cleanup, which runs from 9:00 A.M. until noon. Volunteers should wear long pants and sturdy shoes; water and snacks will be provided by the Foundation. To register for the cleanup, visit the Foundation's web site: arpf.org/index.shtml or call them at (916) 486-2773. ■

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ARNHA Calendar of Events

- **Endangered Species Interactive Exhibit**

9 am to 5 pm daily except Mondays
Effie Yeaw Nature Center (story page 1)

- **Vernal Pools: Mosaic of Life w/ Eva Butler**

Thursday, March 12, 6:30 pm &
Saturday, March 14, TBA
Effie Yeaw Nature Center

- **Bird and Breakfast**

Saturday, March 21, & Sunday, March 22
8:30 am to 11 am
Effie Yeaw Nature Center (story page 5)

- **Spring Nature Camps**

March 30, 31 and April 1, 2
Effie Yeaw Nature Center (story page 7)

- **Water Colors in Nature, w/ David Peterson**

Thursday, April 9 & Saturday, April 11
Effie Yeaw Nature Center

- **Parkway Cleanup**

Saturday, April 11, 9 am to noon
Ancil Hoffman Park (story page 11)

- **Gardening with Native Plants w/ Chris Lewis**

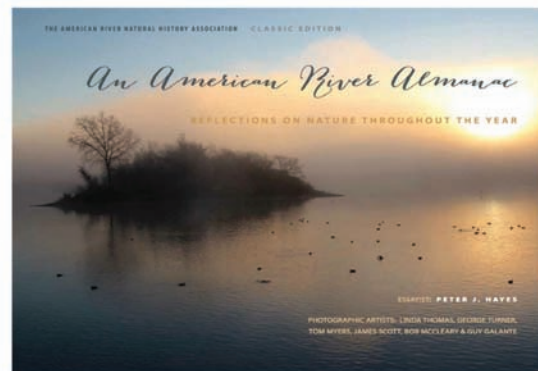
Thursday May 7 & Saturday May 9
Effie Yeaw Nature Center

- **Art Where Wild Things Are**

Saturday, May 30, 5 pm to 8 pm
Effie Yeaw Nature Center (story page 3)

See SacNatureCenter.org for more event information.

Celebrate Spring!
...and summer, fall, and winter



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or arnha.org