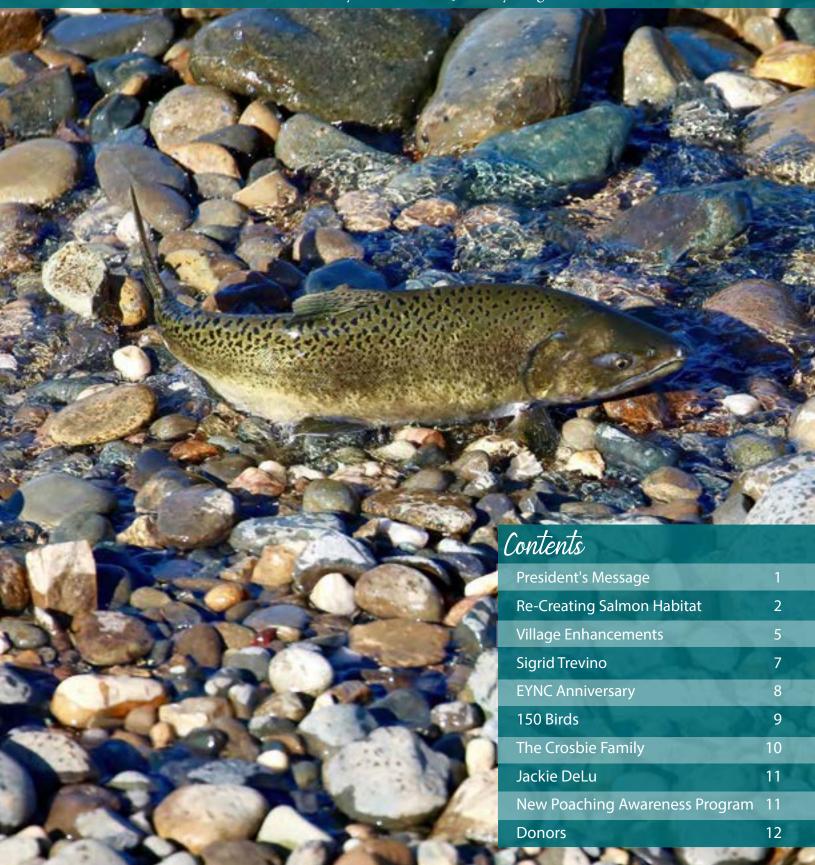
THE ACORN

American River Natural History Association Quarterly Magazine – Winter 2021



President's Message, Winter 2021



Laurie Wei

We started this year with great concerns over the impacts of the pandemic and the inevitable changes it would have on the Effie Yeaw Nature Center. Throughout the year we made significant adjustments in how we operate and made successful efforts to increase fundraising to make up for our reduced program revenues. The challenges were very real and we are delighted to put 2021 in the rearview mirror! Along with all of the challenges, there were changes to the American River Natural History Association Board of Directors.

In August, the American River Natural History Association Board reluctantly said good bye to Jackie DeLu. Jackie is a fierce advocate for children, animals, and nature education.

She and her family are long-time supporters of the Nature Center. Jackie served as Vice President and Secretary of the Board. Over the years, the Natural History Association benefited from Jackie's experience and insights. Our sincere thanks to Jackie for all her efforts!

Our board members bring experience and skills including backgrounds in teaching and education; forest science and fire management; environmental science; project management; successful business leadership; environmental and employment law; and medicine, finance, and investments. Over the course of the past year we added to these skillsets by bringing on new members to the Natural History Association Board of Directors.

We were very pleased to welcome Randy Getz to the Board in January. Randy is an investment broker for CBRE. He and his wife, Pat Mahony, are long-time supporters of the Nature Center.

We welcomed Robin Kren to the Board in May. Robin is a retired educator, and has prior experience serving on the YMCA and Girl Scout boards of directors. Her skills and experience are already of great benefit to the board as she is currently serving as Board Secretary.

In August, we welcomed Greg Knox and Neil Brown to the Board. Greg Knox is a Financial Analyst for Guidewire Software. Greg served in the United States Marine Corp from 2011 – 2017.

Neil Brown is a Finance Specialist for the Intel Corporation. He is a Captain in the United States Air Force Reserve, piloting the C-17 Globemaster III aircraft.

Both Greg and Neil are Fellows in the Nehemiah Emerging Leaders Program in Sacramento. The mission of this leadership is to develop a cohort of empowered and diverse leaders with the skills and passion to lead in their professional, personal, and civic lives. We are very excited to have the skills and experience of Greg and Neil on the American River Natural History Board of Directors!

While many of our board members are actively working in environmental fields, all are great advocates and enthusiasts for the natural environment. We are very happy to have such a diverse pool of talent on the Board.

-Laurie Weir



The Acorn is published quarterly by the American River Natural History Association (ARNHA), a 501(c)(3) non-profit organization that supports the Effie Yeaw Nature Center and Nature Study Area.

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Re-Creating Habitat for Sacramento Valley Salmon

The life of a Chinook salmon in the Sacramento Valley two hundred years ago was very different from what salmon experience today. Chinook have lived in the American River for millions of years. The largest of Pacific salmon species, Chinook are anadromous, meaning they are born in freshwater, migrate to the ocean, and return to freshwater to spawn (lay eggs), and then die. Historically salmon returning from the ocean were unhindered by dams and might travel far up the American River into the foothills and mountains to dig their nests and lay eggs in loose gravel under flowing water.



Figure 1: Juvenile chinook salmon in the American River. (John Hannon, US Bureau of Reclamation photo.)

Juvenile Chinook salmon (Figure 1) evolved to take advantage of seasonally flooded river valley habitats that were created when rivers over-topped their banks in the rainy season and spread across the landscape. These shallow floodplains provided important foraging and rearing habitat for out-migrating juvenile fish. The protection and abundant food (insects, crustaceans, and other invertebrates) provided by the wetlands allowed juveniles to thrive and grow before heading down the river to the ocean.

California's Central Valley encompasses an area of more than 13 million acres, and it is estimated that 30% of that area (4 million acres) was wetlands before the gold rush and major western settlement began in the 1850s. The land on the valley floor flooded nearly every winter, wiping out all farms and settlements that didn't occupy the highest ground. By the 1920s, California created a statewide system of levees and a flood bypass system built to confine the major river channels within their banks.

Later, large dams were added to the flood control system. These structures were incredibly effective for protecting the Central Valley floor from flooding.

However, the unforeseen ecological consequence of this flood protection system was not only to prevent salmon populations in the rivers from reaching their historic spawning grounds, but also to prevent juvenile salmon from having access to wetlands for foraging. With 90% of historical floodplains either developed or disconnected from river ecosystems, juvenile salmon in the Central Valley are now largely confined to faster-flowing water in deep river channels, which does not produce the high concentration of food that shallow, slow-moving wetlands do. The result is reduced growth of juvenile fish (Figure 2) and a dramatic decrease in salmon populations.



Figure 2: Relative growth of fish in floodplain, canal, and river habitats in 2016. These fish all started out the same size and spent 3 weeks in their respective habitats. Floodplain residence is a keystone life history adaptation of Chinook salmon that provides substantial growth benefits. (CalTrout photo.)

Today, Chinook returning to the American River to reproduce are stopped at the Nimbus Dam with 75% of their historic spawning beds no longer accessible (Figure 3). To compensate, reproductive fish and their eggs are harvested and fertilized at the Nimbus Fish Hatchery. Juveniles hatched from these eggs are reared for many months at the fish hatchery, fed commercial fish food, and later released into the river or trucked and released into San Francisco Bay or the ocean. Very few are hardy enough to survive to complete their development in the ocean and return to fresh water rivers to reproduce several years later.





Figure 3. Red lines indicate historic habitat and spawning grounds for salmon in the American River watershed. Blue line indicates current habitat limitations for salmon reproduction. Image courtesy of Water Forum.

Because the Central Valley has lost more than 90% of its historical wetlands, and a significant removal of dams and levees in California is unlikely, scientists have been looking for other ways to re-create habitats more conducive to salmon survival. Locally, the Yolo Bypass is a large-capacity secondary channel that diverts floodwaters away from cities and contains runoff on dormant agricultural lands: it can provide juvenile salmon with foraging grounds on occasion, but it requires a lot of water in the river channel to activate, and, even when it is flooded, it drains quickly, which limits its use as a reliable seasonal foraging habitat.

Working with rice farmers, water districts, and conservation groups such as Ducks Unlimited, scientists at the nonprofit group California Trout (CalTrout) have developed two water management programs that rice farmers can employ during the fallow season to improve habitat and food sources for juvenile salmon. These programs are based on the fact that shallow-flooded rice fields mimic the natural floodplain wetland conditions where algae grows and plant matter is consumed by microbes, fueling the growth of small insects and crustaceans that are the main source of food for juvenile salmon.

In the Nigiri management program, rice growers inside the bypass slow the drainage rate of their flooded fields, prolonging the availability and foraging benefits for fish that naturally colonize the fields with flood waters. Rice farmers in the historical floodplain habitat that is not accessible to fish (i.e., those outside the bypass system) can still support salmon by bringing water into their fields after harvest to produce floodplain fish food and later export it to river channels where fish feed. (See Nigiri and Fish Food programs, Figure 4).

Recent studies led by CalTrout and the UC Davis Center for Watershed Sciences suggest that these conservation efforts can have a hugely positive impact on the Central Valley's salmon populations. CalTrout data show that juvenile Chinook can grow over 10 times faster on floodplains in the bypass (powered by Nigiri) than in adjacent river habitats. And juvenile Chinook in the river with access to floodplain-subsidized food (powered by Fish Food) can grow 5-8 times faster than fish that did not receive such added nutritional benefits. This is important because the size of juvenile fish at the time they enter the ocean is the best predictor of their likelihood to survive to adulthood.



Using the Nigiri and Fish Food systems together increases the potential to provide valuable juvenile rearing habitat and produce tons of aquatic invertebrates to augment river food webs using California's dormant winter rice fields as surrogate floodplains.

What about Chinook salmon and steelhead trout in the American River where there are no adjacent rice farmers? The Water Forum group is addressing this problem by not only building spawning beds to enhance egg-laying but also constructing rearing habitats for juveniles. Alcoves are being built at the sides of the river to provide

a safe space for young fish. The alcove at Effie Yeaw is 1000 feet long and lined with large tree roots, crowns and logs to provide nooks for juveniles to hide and grow (Figure 5). Willows and other plants will be installed to encourage the invertebrate species important for salmon nutrition and development. The new salmon restoration site just completed at Effie Yeaw and Ancil Hoffman Park is the tenth habitat restoration project built by Water Form along the American River since 2008. See the Fall 2021 issue of The Acorn and www.waterforum.org/AH for more information on this project.



Figure 4: Examples of habitat in each of CalTrout Central Valley's fish conservation programs. Fish Food (left) pumps managed flood-plain water through levees back to rivers where fish can benefit from their high concentration of aquatic invertebrates. Nigiri (right) activates floodplains in the flood bypass system and allows fish to enter. The line down the middle of the Nigiri image is the Freemont Weir being overtopped by floodwater from the Sacramento River (right of the line) and inundating the Yolo Bypass (left of the line), creating 90,000 acres of fish-accessible floodplain habitat. (CalTrout photos.)



Figure 5. A new 1000-foot-long alcove has been built by Water Forum along the American River at Effie Yeaw to provide habitat for juvenile salmon.

This article was compiled in consultation with Biologists from CalTrout: Jacob Montgomery, M.S., Central Valley Project Manager; and Cliff Feldheim, M.S., Project Manager. They provided biological information, some text, photos and research data. Find out more about CalTrout projects at <u>caltrout.org</u>. The FishFood Story is detailed at <u>www.caltrout.org/article/the-current-june-2020/the-fish-food-story</u>. Compiled and edited by Mary Louise Flint and Eric Ross.



Village Enhancements By Krystin Dozier

The entryway and village at Effie Yeaw are undergoing a facelift! The Nature Center has long needed upgrades and improvements to its entry and village areas where thousands of visitors pass through each year on their way to the trails. While approximately 50,000 people enter our Nature Center building each year, perhaps 150,000 more head out to the Nature Study Area without entering or interacting with our Naturalists, especially during times when the Nature Center building is closed. To better connect with these visitors and meet our educational mission, we needed to revamp our entrance. Changes in our village will address four major areas of enhancement and engagement.

Kiosk

Our entry point has been widened to encircle the kiosk as a focal point. When the kiosk improvements are complete, visitors will be welcomed with a variety of interpretive information about local flora and fauna as well as cultural history to enhance their experience. The structure, originally built in the 1970s, will have a new roof, viewing panels, and solar lighting to extend the viewing hours and provide greater safety and security. Interpretive signage throughout the village also will allow us to make use of technology to capture younger audiences and deliver information in multiple languages.



Opening up the kiosk area to the parking lot to create a new entrance.

Playscape

Families with small children will enjoy family time in our new playscape area, designed to expose toddlers to nature in a safe and shaded environment. In addition to the permanent structures for large motor skill development, play kits can be checked out from reception for more nature-based learning activities, targeted to an age 5-and-under audience.





tree slabs for the new playscape.



Pollinator Garden

The previous butterfly garden, lovingly planted and tended by Sigrid Trevino, has long needed better access to sun for native wildflowers and pollinator plants to thrive. With an expanded garden area, we will be able to reach into the sunshine and showcase more native plants. The garden will educate children and families about the important role of pollinators in our lives.



Plants in the Replica Nisenan Maidu Village

The Maidu Village area already has many plants that native peoples consider "gifts of nature" and an important part of Maidu traditions. Natural plant materials are used by Maidu people for food, medicine, clothes, toys, games, baskets, containers, tools, and structures. New interpretive signage throughout the village will tell the story of these traditions and the interplay of Maidu life with nature.

Contributors

This amazing opportunity to address multiple long-standing needs was made possible through a generous grant from Lowe's Home Improvement stores. Not only did Lowe's provide significant funding, they also brought work crews on-site to provide much of the skilled labor.

We would not have been awarded this grant without fund sourcing and support from HandsOn Sacramento. As a regional center for volunteerism, HandsOn Sacramento connects individual and group volunteers to non-profit organizations for meaningful volunteer experience and helps nonprofits link with potential funders. HandsOn Sacramento representative Holly Brown came onsite, spoke with EYNC Executive Director, Kent Anderson, wrote up an initial concept paper, connected Kent with Lowe's, and advocated for the Nature Center, helping to secure the grant.

Teresa Blue provided financial support to refurbish the playscape area for the under-5 age group, and Boy Scout Troop 447 cleared the old playscape area. Jim Hargrove also donated funding for the interpretative signage throughout the village. Many volunteers shared their knowledge, skills, and native plant expertise as well as their time and labor to bring these changes to reality in very short order. As they say, "It takes a village" and it certainly has been a collective effort of many that will be enjoyed by so many more of our community members.



Expanded pollinator garden with Maidu hut in the background. Photo by Stacey Halper.

Krystin Dozier is an EYNC docent, receptionist, and certified California Naturalist, leading volunteer restoration efforts with a multi-year plan to reestablish pollinator and milkweed plants in the Nature Study Area.



Effie Yeaw Butterfly Garden Dedicated to Longtime Volunteer Sigrid Trevino By Joey Johnson

On July 13th, the Butterfly Garden at Effie Yeaw Nature Center (EYNC) was dedicated to Sigrid Trevino, who created the garden in the 1990s. Sigrid began volunteering at EYNC in 1996. Since then, she has accumulated more than 1,032 service hours. When Sigrid initially signed up to volunteer, she considered being a docent, but realized this would not work out because she did not care for handling snakes. Instead, she directed her energies to the Butterfly Garden, which is just to the side of the Maidu Village.

The plants in the garden are native plants known to attract or be beneficial to butterflies that frequent the Nature Center and Nature Study Area. Over the last 15 years, Sigrid has come in weekly to help maintain it and educate people about butterfly plants.

Sigrid worked closely with Vince La Pena on developing the garden and trying to devise ways to keep the deer and other critters from consuming all the plants. They settled on a rope fence to delineate the boundaries of the garden. They knew that this was not going to keep the deer out, but it blended in with the natural surroundings. At the dedication, Sigrid shared with me how she enjoys talking to children about the plants even if they don't see a butterfly at the moment.

The garden is being renovated as a part of the village enhancement project funded by Lowe's Home Improvement stores. Sigrid is very pleased that this is happening, and she looks forward to continuing her work there after the improvements have been made.

Sigrid's family wanted to honor her and the garden dedication seemed like the perfect way. A ceremony was held with family, staff, and a few volunteers in attendance. A plaque honors her dedication to this project through the years. Sigrid's work on this special part of the Nature Center is an example of the variety of volunteer opportunities at EYNC.







It's the 46th Anniversary of the Effie Yeaw Nature Center!

By Joey Johnson

In the years prior to 1976, the area we know as the Effie Yeaw Nature Center was a part of the Deterding Woods, owned by the Deterding family and a part of their ranch land. A teacher by the name of Effie Yeaw would bring children to the area to teach them about nature first-hand. She and her students learned about local wildlife and habitat through the Arden-Carmichael Conservation Center, which operated from 1952-1955. When that center closed, she turned to the Deterding Woods to provide nature experiences for her students, family groups, and Boy and Girl Scouts.

Effie and others living in the area knew that this spot was special and needed to be preserved so that people from all over the Sacramento area could connect with nature. She was one of the founders of Save the American River Association (SARA). This group was dedicated to protecting the area along what is now the American River Parkway from development. They worked with William B. Pond, the director of the Sacramento parks department at the time to bring this land under the protection of the County Parks. In 1965 the County Board of Supervisors approved a Land Use and Development Plan that included an interpretive nature center in Ancil Hoffman County Park. Seven years later a bond measure was approved that provided funding for the center.

In 1976 ground was broken to begin construction of the building we now call the main building or the museum building. At this ceremony the interpretive center was officially named in honor of Effie Yeaw. Effie had passed away from cancer in 1970, but members of her family were present to honor and celebrate her memory. In 2009 Effie Yeaw was honored posthumously by the California Parks and Recreation Society by bringing her into the Hall of Honor. Effie's family said that she would have thought all of this attention was a bit silly. She was more interested in getting things done.

In 2004 the Assembly Building was added to the Nature Center facilities, providing meeting spaces and a kitchen area. This building has allowed for expansion of educational programs for both children and adults.

Since the Effie Yeaw Nature Center opened, hundreds of thousands of visitors have had the opportunity to experience nature and learn about the American River Parkway and its importance to not only wildlife but to the community that surrounds it.



Effie Yeaw and children 1955.



Ground breaking for Effie Yeaw Nature Center in 1976 including Sid Inglis, Parks Commissioner (left), Don Nance, Director of County Parks (right), and unknown individual in center.



Effie Yeaw Nature Center in the early years before the addition of the Assembly Building in 2004.

HELP US PRESERVE EYNC HISTORY

Do you have a memory of Effie Yeaw or the early days of the Nature Center?

We'd like to know more.

Please send your memories to info@sacnaturecenter.net with the tag line "EYNC History".

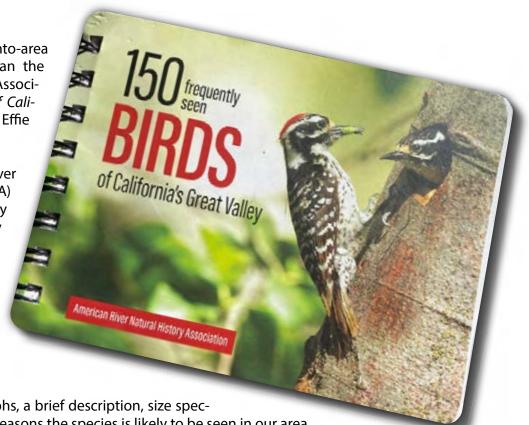
We would also really welcome photos from the old days.



150 Birds

Looking for a gift for a Sacramento-area nature lover? Look no further than the American River Natural History Association's 150 Frequently Seen Birds of California's Great Valley available from Effie Yeaw Nature Center.

Written by longtime American River Natural History Association (ARNHA) members Molly Keller and Peggy Kennedy, this book is beautifully illustrated with photographs taken by local experts. Because it focuses only on birds you are likely to see in our area, it is much easier to use than more comprehensive birding guides, which feature many birds not common in the Sacramento area.



Each entry includes two photographs, a brief description, size specifications, and a note about which seasons the species is likely to be seen in our area.

Winter is the best time for bird watching in the Central Valley. The authors note that bird numbers in winter are often 50% higher than in other seasons because so many species migrate here from other areas, including the Arctic, South America, and the California mountains.

So, what are you waiting for? Purchase the book at Effie Yeaw's Discovery Store or online at sacnaturecenter.net/arnha/ shop-books. When you buy this book, you are also supporting ARNHA and Effie Yeaw's programs.





Featured Donor: The Crosbie Family

By Kathy Fleming



The Effie Yeaw Nature Center (EYNC) is fortunate to have the support of the Crosbie Family. Three generations of this remarkable family have contributed time, talent and treasure to support our mission of connecting people to nature and nature to people.

The family's connection to the EYNC began with the youngest generation. Scott Crosbie was a gifted ornithologist who grew up in the Carmichael area and spent many of his childhood years exploring the wonders of nature at the Nature Center. The time he spent here had an impact. He studied biology and natural history, eventually earning a Ph.D. in Animal Biology at UC Davis with a focus on the ecology and habitat of the yellow-billed magpie and western scrub jay. He embarked on a career in wildlife biology, and was an avid birder in his spare time.

Scott introduced his parents, Dan and Heidi Crosbie, and his grandparents, **Bob and Pat Crosbie, to Effie Yeaw. They** also came to know and love the beauty of this special corner of Carmichael.

Scott's sudden death in 2012 devastated his family and all who knew him. His memorial service was held here at the Nature Center, a fitting location that honored Scott's passion, and provided a place of solace for his survivors. Soon after, a songbird display was installed in the Nature Center as a tribute to Scott.

Several years later, the Crosbie family turned their personal tragedy into an opportunity for other bird lovers like Scott by pledging a leadership contribution to build an Aviary on the Nature Center grounds.

Initial plans for the Aviary were developed in 2018 as part of a Master Plan that also included numerous other facility improvements. Recognizing it will take years to accomplish all that's included in the Master Plan, the Center is now focusing on completing specific elements of the Plan, such as the Aviary. Once built, the Aviary will provide a larger space for our Bird Ambassadors to spread their wings and our visitors a greater opportunity to see these magnificent creatures up close and in person.

The need for updated animal care facilities is of top priority of the Nature Center, and we are profoundly grateful to the Crosbie Family for their pledge to make it a reality with a new aviary. Their love for Scott will live on by creating a special place for the winged creatures he was so passionate about.

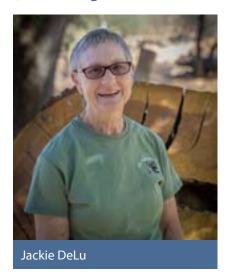


Bob and Pat Crosbie, grandparents of Scott Crosbie.

Kathy Fleming is Advancement Officer for the Effie Yeaw Nature Center. Find information about giving a legacy gift to EYNC at sacnaturecenter.net/support/legacy-gifts.



Jackie DeLu Steps Down from Board Service



In August 2021, Jackie DeLu attended her last American River Natural History Association (ARNHA) Board of Directors meeting. This was a Zoom meeting, so the occasion did not include all of the snacks, beverages and hugs that would typically take place. But the Board was sad to say goodbye and wished her well.

Jackie began at Effie Yeaw Nature Center in 2006 as a volunteer. As a former elementary school teacher, she was a perfect match for serving as a docent in the school programs. She also became involved in developing the exhibits in the museum. In October of 2012, she became a board member. She was encouraged to take this step because her knowledge of education would be invaluable. She also continued her volunteer work with the nature education programs.

As a board member, she brought the point of view of an educator and passion for the Nature Center. The only times she missed meetings were when she and her husband Michael Covey were off on an adventure. She always stepped up to help host board events, contribute snacks, and support any fundraising event, such as the Spring Gala. She also served as one of the vice presidents and the board secretary.

Even though Jackie will no longer be on the ARNHA Board, she will not leave us. She will continue to serve as a docent when school programs get going again and will continue to work on updating and improving on exhibits. She will also be serving as the board president for the Carmichael Kiwanis. Jackie has been a member of that organization for years and has brought the Kiwanis and EYNC together to serve the community.

We know she will be missed by the Board, but we are glad she will continue to be a part of the work of the Nature Center.

A New Poaching Awareness Program at Effie Yeaw



Call 888.334.CALTIP

Deer poaching has become a problem in the area around Effie Yeaw Nature Center (EYNC) and Ancil Hoffman Park. We have been alerted to this problem by longtime American River Natural History Association member Tim McGinn, who has been frequenting the Nature Area for more than 45 years and is very familiar with the deer herd. Tim is now working with law enforcement at the California Department of Fish and Wildlife to address the problem.

Tim has initiated a public awareness team that will help educate the public about how they can participate in the program. The four-member team consists of Kent Anderson, Executive Director of EYNC; Lt. Gregory of the California Department of Fish and Wildlife; Kathy Kayner, Board Member and Secretary of Save American River Association (SARA); and Tim McGinn, founder of the program.

Poaching becomes a serious problem between mid-October and late January. The poaching target is the antlers on the big bucks. Poaching takes place during the night hours by individuals using crossbows and night vision optics. The public can assist by recognizing suspicious activities day or night. If you see suspicious activity, record vehicle license numbers, write down descriptions of what you saw, and take photos with your phone. Report this information by calling the CalTip line 888.334.CALTIP, which is available 24 hours a day 7 days a week, or text 847411. **Do not, under any circumstances, confront a poacher.**



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- Heidi Murphy
- · Suzanna Naramore
- Mark Nemmers
- Cody Newport
- · Cody Newport
- Sarah Newton-Scott
- Heidi Nurse
- Mallory O'Connor
- Margaret Olebe
- Sara Osborne & Terry Eggleston
- · Elijah Owen
- · Steven Paik
- · Lori Ann Pardau
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- · Jill & Michael Pease
- · Gina Permenter
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- · Ruth Rezos & Ken Nahigian
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- Dan Roberts

- · Katherine Roberts
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- · Randy & Cheryl Roesser
- · Cindy & Tom Rogers
- · Jason & Amy Rogers
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- Save the American River Association
- Samuel & Mary Ellen Scarlett
- Gwenda Schoen
- · Sara Schoorl
- · Kristyn Schulte
- Lauri Schwein
- Katharine Severson
- Jesse Shields
- Roy & Elaine Shields
- Christopher Shields
- Patricia Simms
- · Alexander Smith
- · Dorothy Smith
- Jennifer Smith
- Robert Smith & Claudia Charter
- Penny Soderlund & Matt Johns
- Sharry Solomon In honor of Beth Dubois
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- · Krishna Spier
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- · Maria Babakhanyan Stone
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- Sage Sweetwood & Claire Lipschultz
- · Ruth Swisher
- Cindy Taber
- Sharon Tapia
- Gina Tarantino In honor of Robin Binski's birthday
- · Stephanie Taylor
- Paul Tebbel & Lynn Schweissinger
- Jaclyn & Jon Teofilo
- Laura Thompson
- Alison Tilton
- Bohdan & Motria Tomkiw
- Maureen Tracy
- Marjorie Tuckerman

- Unitarian Universalist Society of Sacramento
- · Talitha Van der Meulen
- Mirian Vargas
- Jay Verhaag
- Dorothy & Patrick Wagner
- Mark & Marcy Warren
- Lee Washington
- Marilyn Watson
- Suzy Watson In honor of Robin Binski's birthday
- Kathy Webb
- · Christine Weinstein
- · Laurie Weir & Jacek Lisiewicz
- Richard Weisberg
- Blaine Welker
- Frank & Helen Wheeler
- Bill & Nancy Whitaker
- Mary Wilkinson In memory of Bruce Inglis
- Kate Willcox
- Liz Williamson
- Shiomi Wilson
- Stephanie Wiman
- Lucinda Woodward
- · Philip Wright
- Harold & Suzanne Yackey In memory of Jack & Zilpha Hiehle
- Angela Yoshida & Art Gavel
- Diane Young







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