



# Tide Rising

Summer 2022 Volume III, Issue 4



Publisher & Editor: [San Francisco Bay Wildlife Society](#) (SFBWS).

SFBWS is a not-for-profit Friends Group for the San Francisco Bay NWR Complex, working along with many Refuge volunteers to keep our public lands sustainable for you and wildlife.

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## Exploration & Discovery

### In this issue:

Enjoy the San Francisco Bay Wildlife Society **Summer** Newsletter!

- **Citizen Science reports:** Puncture Vine and Fish Surveys
- **Latino Conservation Week event Saturday, July 23, is sold out (COVID restrictions).** This event aims to provide opportunities to recreate in public lands, and help them feel included, represented, and safe in outdoor spaces.
- Don Edwards SFB NWR is **celebrating 50 years** this year
- Visitor activities have come back! Learn about what has been happening.
- Past photographs at Don Edwards SFB NWR

Enjoy and share your ideas for future articles! What interests you? [Write us.](#)

### San Francisco Bay Wildlife Society

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Masthead: Earth Day Graphic (Olivia Poulos)



50th Anniversary  
Don Edwards  
San Francisco Bay  
National Wildlife Refuge

### Partners for 35 Years

The San Francisco Bay Wildlife Society seeks to nurture in the public a sense of understanding, appreciation, and stewardship of the San Francisco Bay National Wildlife Refuges, their natural and cultural history, and to conserve, preserve, and restore bay lands as essential wildlife habitat.

The San Francisco Bay Wildlife Society (SFBWS) has been assisting the SFB NWR Refuge Complex since 1987.

35th Anniversary  
San Francisco Bay  
Wildlife Society



## Bicyclists: Beware of Puncture Vine

by Gregg Aronson, USFWS & SFBWS Volunteer

It's a great time of year to go on a trail ride or two, or maybe even ten. But watch out for *Tribulus Terrestris*, better known as Puncture Vine. You will most likely come up with another name for it if you run over it and get a flat tire.



Puncture Vine (Aronson)

Puncture vine is everywhere and fairly inconspicuous. It is most easily recognized when the plant is green and flowering and not hidden by other plants. When puncture vine dries out, it blends in with all the other dried weeds and is easily passed by unnoticed. It is most often noticed after it is run over and the burr (commonly called a "goat's head" burr) is found stuck in a bike tire.



Burr to scale (Aronson)



## What to do with a burr in your tire?

It is hard to recommend what to do if you happen to pick up a goat's head burr in your tire. If you carry the gear to fix a flat, and you have had practice fixing a flat, you should probably try to fix the flat. If you have knobby dirt or mountain bike tires, the thorns in the burr might not penetrate the tire enough to puncture the tube if you notice it soon enough, and you may get away with pulling the burr straight out of the tire. Leaving the burr in place might keep the tire from going flat right away, and you might be able to ride to some place where you can get help if you don't have tools to repair flat tires. If you ride trails, you or someone in your group should at least have a frame pump.

One of the best ways to prevent a goat's head burr flat is to put some sealing semi-liquid in your inner tube before a trip. Some inner tubes with sealer already inside are also available at some bike shops. Often, the problem is exacerbated by multiple punctures from several burrs. It only takes a fraction of a second to pick multiple (up to 20 or 30) burrs when running over a puncture vine. Even tubes with sealer in them will often get flat in this case.

Puncture Vine Details (Aronson)



## Prevent it!

When riding on dirt trails, the best way to avoid puncture vine, is to stay away from the edges of the trail as much as possible. Even paved trails can have puncture vine lurking off the edges.

## Warm Season: Anchovy & Goby Season, Gulls Abound

Excerpts from James Ervin, Retired Fish Research Enthusiast

### Anchovies, Gobies, baby Sharks, and Bay Rays: Oh my!

Anchovy explosion! Read more [HERE](#)

Arrow and Cheekspot Gobies area also at a record high: 1,142 of them were caught and released in June. Arrow gobies (*Clevelandia ios*) and Cheekspot gobies (*Ilypnus gilberti*) are small native gobies in West Coast bays and estuaries. Adults of either species grow to about 2 inches long. They are extremely common and very important in estuarine mudflat ecology. They serve as food for larger fishes and birds. These small gobies eat tinier organisms like copepods, worms, algae, and such. Non-native Yellowfin Gobies are also back (unfortunately) in record numbers; after declining in prior two years ~2,000 in both May and June of this year

California Gulls grew in leaps and bounds in the 1980s, likely attracted by the growing dumps and landfills, which made a good food source for breeding gulls. "Today...45,000 breeding gulls [are found] in the South San Francisco Bay...most are California Gulls (Luca Sartori, studies oceanography at California Maritime Academy). Learn how to find this [noisy rookery](#) from *Santa Clara Valley Audubon Society*.



Arrow Gobies and two young Starry Flounder, Pond A21, 12 June 2022  
[James Ervin Fish Report](#): see "blog"

## Don Edwards San Francisco Bay NWR ([more info](#))

*Formed in 1972, these 30,000 acres are an oasis for millions of migratory birds & endangered species*

June 30, 2022 Press Release:

### Celebrating the 50th anniversary of Don Edwards San Francisco Bay National Wildlife Refuge

*Community-driven effort to protect South Bay in 1960's led to founding of the Refuge*

Fremont, Calif., – The U.S. Fish and Wildlife Service is pleased to recognize the 50th anniversary of Don Edwards San Francisco Bay National Wildlife Refuge, and to celebrate the grass root, community-led effort that established this Refuge as the nation's first and largest Urban National Wildlife Refuge.

The Refuge was created by legislation signed by President Nixon on June 30th, 1972 and was originally named the San Francisco Bay National Wildlife Refuge. Local efforts to establish the Refuge actually began in the mid-1960's when a small group of conservationists met with Santa Clara County Planner, Arthur Ogilvie, to discuss his dream of establishing a National Wildlife Refuge on the San Francisco Bay. Mr. Ogilvie's vision was supported by local citizens like Florence LaRiviere (who later became the Chair of the Citizens Committee to Complete the Refuge) and San Jose State Professor Dr. H. Thomas Harvery.

In 1995, the Refuge was renamed Don Edwards San Francisco Bay National Wildlife Refuge in recognition of Congressman Don Edwards' efforts to grow the Refuge and to protect sensitive wetlands in South San Francisco Bay.

Today the Refuge spans over 30,000 acres of diverse habitats throughout South San Francisco Bay and hosts over 800,000 visitors per year on 38 miles of trails,



Don Edwards SFB NWR in Summer  
(Ambarish Goswami)

kiosks, and overlooks. The Refuge also has an active community engagement program connecting families and groups with public lands throughout the South Bay.

“We have an opportunity and obligation to build strong, meaningful relationships with the diverse communities adjacent to the Refuge. By creating accessible and equitable spaces for the local community, we are helping to mold the next generation's conservation leaders,” said Giessell Aguilar – Urban Refuge Ranger at Don Edwards San Francisco Bay National Wildlife Refuge.

Located along the Pacific Flyway, over 280 species of birds visit the Refuge each year, and millions of shorebirds and waterfowl stop to refuel at the Refuge during spring and fall migration. In addition to its seasonal visitors, the Refuge provides critical habitat to resident federally endangered species like the California Ridgeway's rail and salt marsh harvest mouse.

“It is inspirational to see the positive impact a small group of concerned citizens can have on the landscape,” said Matt Brown – Complex Manager for the San Francisco Bay National Wildlife Refuge Complex. “Because of that advocacy 50 years ago - today we can continue the important work of not only restoring and healing the environment but also connecting communities to the natural world.”





## Don Edwards San Francisco Bay NWR ([more info](#))

Formed in 1972, these 30,000 acres are an oasis for millions of migratory birds & endangered species



This year we want to celebrate the 50th Anniversary of this momentous event and the rich history of Don Edwards San Francisco Bay National Wildlife Refuge that has become America's first and largest urban national wildlife refuge! As part of the celebration, we will be doing a series of events *Celebrating 50 Years of Conservation: Past, Present and Future*, aiming to celebrate and honor the past, present, and future, and inspire people to experience, connect with, and protect our cultural and natural resources.

In our ongoing effort to highlight the rich history of community involvement, we will be holding a community event on **October 8th** to kick off National Wildlife Refuge week – with opportunities to explore the Refuge, learn about the history of Don Edwards SFB NWR, join guided Nature Walks, enjoy various local food trucks, music, and fun activities for all.



### Hike at the Refuge

Join us for a 1.5 mile hike at Don Edwards San Francisco Bay National Wildlife Refuge. Explore the Tidelands Trail and experience uplands, salt marsh, tidal slough, mud flats, and salt pond habitat. Visit educational booths from participating orgs and enjoy food provided by Saved by Nature.

**Saturday, July 23, 2022**

**10 a.m.—1:30 p.m.**

**1 Marshlands Rd.**

**Fremont CA 94555**

EVENT SOLD OUT --check link for future activities, to access: [CLICK on image or this link](#)



### Interested in learning more about Valley Water’s Reuse Efforts?

*From Valley Water Email:*

As our region’s water supplier, Valley Water is aware of the challenges that continue to impact the reliability of our water supply, especially during this severe drought. Climate change, intensifying droughts, population growth, and environmental factors affect the quantity and quality of water available to meet demands. In response, Valley Water is expanding our water reuse efforts through technology that can provide millions of gallons per day of high-quality, drought-resilient advanced purified water for drinking and non-drinking purposes.

To help understand the technology that makes this possible, and the benefits of water reuse, we offer free virtual tours of the Silicon Valley Advanced Water Purification Center. This award-winning and state-of-the-art facility demonstrates the purification processes used to produce high-quality water that is clean and safe to drink.

We invite you to join us on an interactive virtual tour to learn about water reuse and building our water supply resiliency with advanced purified water. Virtual tours are hosted on the Zoom platform and are approximately one hour with a dedicated segment for questions and discussion. For a schedule of our public tours, please [visit](#). **[July 26 is the next one!]**

Private virtual tours for groups of 10 or more are also available. We are currently offering a free goodie bag mailed to individuals who coordinate a private group virtual tour. To schedule a private tour, please contact our Water Supply Outreach team.



# NEWS



by Giessell Aquilar, UFWWS Urban Refuge Ranger & EEC Director



SFBWS Watershed Watcher staff--Radhika Malaviya and Jivan Khakee--worked with Giessell Aquilar (USFWS) to deliver these programs.

## Boys and Girls Club Summer Science Project

Last week, together we kicked off the 3rd annual Summer Science Project, in partnership with Saved By Nature and the Boys and Girls Clubs of Silicon Valley. From June to July, our visitor services team will deliver five in-person programs connecting and engaging with over 150 summer camp participants. The theme of the program is *Be a Scientist* with a focus on learning about their Urban Refuge, the local watershed, and how biologists study and monitor endangered species. After the presentation, students go outdoors to engage in a nature scavenger hunt activity and learn how to use binoculars.

Boy and Girl Club Summer Science Project participants engaging in a fun nature scavenger hunt activity (Aguilar)

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## USFWS Staff Changes



Ann (Garrett) Spainhower is joining us as the new *Don Edwards San Francisco Bay National Wildlife Refuge* Manager. Ann has spent more than 20 years with NOAA's National Marine Fisheries Service where she has focused the bulk of her career implementing the Endangered Species Act. Ann started with NOAA in Seattle, and has had the great fortune of working in such places as Washington DC, Arcata, California, and Honolulu, Hawaii. Ann has been a supervisor in NOAA for about 12 years and is super excited to join the NWR team. Ann has a Master's in Environmental Studies from The Evergreen State College.

While her studies and early years in her career were focused on salmon, Ann has spent more than half of her career conducting risk assessments on a wide variety of protected species ranging from blue whales and leatherback turtles to chambered nautilus and Indo-Pacific corals (to name a few). As a result, Ann considers herself more of a generalist than a species specialist.

Ann will be moving to the Bay Area with her husband James. Ann has three grown daughters that are the light of her life. The oldest two are fraternal twins and live in Eureka, and Ann's youngest daughter resides in Bellingham, Washington. When not working, Ann likes to spend time with her family, hike, read, sew, and other crafts.

Find list of activities on Don Edwards SFB NWR on the USFWS [website](#).

## Refuge Work and Programs: A Steady Reboot by USFWS & SFBWS with a New Focus

*Paul Mueller, Media Content Developer & Volunteer Coordinator, USFWS*

Since February, programs conducted by Visitor Services (both USFWS and SFBWS) have picked up in numbers and complexity at the Don Edwards SF Bay National Wildlife Refuge. These activities, while tempered by the lingering realities of Covid-19, are buoyed by staff excitement about being back to work, integrating refuge work with the needs of nearby communities, and doing more outreach to specific groups.

Leading the way from the Visitor Services side was the Environmental Education Team, which includes partners, FWS employees, and volunteers. During the long COVID two-year period Tia Glagolev, Environmental Education Specialist, kept ongoing relationships with teachers and administrative staff in Newark Unified School District. Tia's programs were in high demand and they were planned through collaborative work with several teachers who had

mandated curriculum goals. In March when the pandemic didn't turn out to be rebounding, she was able to get back in the classroom and schedule in person environmental service-learning field trips on the refuge. Her efforts reached hundreds of students. Her programs and those from other staff were truly appreciated as being among the first offered to those students.

Students from Birch Grove Intermediate School in Newark, CA conduct water quality testing as part of an Environmental Education Field Trip designed especially for the 6th graders in the Newark Unified School District.

The field trips, originally set for 2020, were postponed due to the Pandemic. Spring 2022 marked the return of students to the Refuge!

*(Paul Mueller)*



Giessell Aguilar, the new USWFS Environmental Education Center Director, became immersed in offering environmental learning programs on and off refuge to several schools in the South Bay San Jose area beginning in April. She participated in several EE programs that were already being led by Olivia Poulos of the SF Bay NWR and other staff. By June, Giessell led a collaborative program for 120 students attending Steindorf Middle School Mission College in San Jose utilizing other staff members. Rounding out

her programming was meeting with the Boys and Girls Club of San Jose (see more about this program in another section) and taking part in an Echo Valley Elementary School project in Prunedale for Salinas River National Wildlife Refuge. She has also picked up contacts that were established before the pandemic in Castroville, which is an underserved town in an agricultural area targeted for receiving a wide range of refuge programming in the future.

*(See next page)*

## Refuge Work and Programs: *(continued)*

*Paul Mueller, Media Content Developer & Volunteer Coordinator, USFWS*

Miguel Marquez, USFWS Urban Refuge Ranger, has been building relationships with new audiences in Oakland and Hayward. During the past few months beginning in March, he conducted Oakland outreach at Greenleaf School and Life Academy of Health and Bioscience High School. He also did virtual career fairs with California State University East Bay and the UC Santa Cruz Doris Duke Conservation Scholars Program. While he started with virtual programs, he has been able to bring students into the refuge and interact with them face-to-face.

Miguel Marquez with Giessell Aguilar also put in motion a very large full day outreach at a very popular

metropolitan attraction. The Oakland Zoo had invited non-profit environmental organizations to take part in an Earth Day celebration. The SF Bay Complex table luckily was located close to the main entrance and in front of a very popular pink flamingo exhibit. It couldn't miss getting a lot of attention. The purpose of the setup was to "talk trash" for Earth Day and get an idea if people who visited the zoo knew about us. Many did know much about the refuge, never ventured to it, or confused it with other parks. Over 940 people stepped up in front of two tables that were staffed by three refuge rangers.



The refuge complex display during the Oakland Zoo's Earth Day had a lot for the curious.

The rangers under the tent (USFWS Urban Refuge Ranger Miguel Marquez pictured here) met many young children who pulled their parents over to the pelt and toy sections of the table.

Toys had been floating in the bay until high tides deposited them in the marsh, mudflats, levees and beaches of the Don Edwards Refuge.

*(Paul Mueller)*

Olivia Poulos, SFBWS Watershed Watchers Program Coordinator showing a watershed model exhibit during the Earth Day/BioBlitz in Alviso. Olivia also organized many Refuge reopening programs like Story Walks and hosted students from Santa Clara County and San Jose areas.

*(Paul Mueller)*



A week after the Oakland Zoo outreach, the Don Edwards refuge and the San Francisco Bay Wildlife Society sponsored the first in-person large scale event on the refuge since 2020, the Earth Day/BioBlitz at the Environmental Education Center in Alviso. It was to be an "open house" for the community of outdoors enthusiasts and to reintroduce the Environmental Education Center as an important resource in Alviso. Giessell Aguilar and Olivia Poulos took the lead organizing the event with help from Radhika Malaviya, who also worked for the Wildlife Society. Finally, volunteers and staff could work together again at an outdoor event that drew about 100 visitors. There

were multiple stations featuring activities, such as starting a nature journal, using the iNaturalist app to discover local species, and a model that illustrated how marshland habitat protects against flooding. There were two ranger talks from Giessell Aguilar and volunteer Larry Rosenblum.

It was great to see that things were getting back to normal even though there were several precautions taken to keep everyone safer during the waning stages of a pandemic. It was hoped that the pace could continue with a new emphasis of getting out to the community a lot more and reaching new audiences.



## Photography Corner

Looking for photographs from our readers! Showing prior years for the early summer season



Black-necked Stilt Parent & Baby,  
EEC Entrance Road, June 11, 2011  
(Ceal Craig)



Great Heron in EEC Skies  
June 11, 2011  
(Ceal Craig)



Canadian Geese Family at EEC  
June 11, 2011  
(Ceal Craig)



American White Pelican, A17 Island  
August 28, 2010 (January 2010 >>)  
(Ceal Craig)

Remember this island in the northeast corner of A17? Before A17 was changed to what it is today, after a levee breach on its north edge and several connecting "sloughs" created across A17's east side levee into Artesian Slough. Two photos show construction below, ten years ago last month

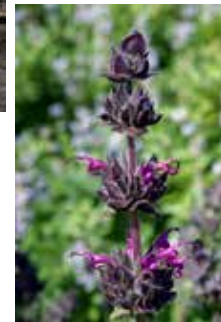


Northern Harrier, female  
June 11, 2011  
(Ceal Craig)



Construction Fish Weir (south side of A17)  
and A16 east outlet to Artesian Slough  
June 12, 2012  
(Ceal Craig)

Flowers & grasses  
at the EEC  
May 2002  
(Ceal Craig)



Tern, near A16  
June 12, 2010  
(Ceal Craig)



<< Avocet Adult  
with Chick, New  
Chicago Marsh,  
EEC  
May 2, 2009  
(Ceal Craig)



Please share your photos of our Refuges and other Refuges you visit!

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**Walk for the Wild and Nature Store News**

*By Mary Deschene, Program Administrator, San Francisco Bay Wildlife Society*

**WELCOME TO WILD! Support biodiversity in National Wildlife Refuges**

The PUBLIC LANDS ALLIANCE and the NATIONAL WILDLIFE REFUGE SYSTEM have formed a partnership to raise awareness of and support for our 560+ Refuges in the US. The goal is to promote National Wildlife Refuges so that they become as well known in the public mind as National Parks and National Forests, three ideas that flow together – a trifecta!

You can help support this year's keynote event: the *Walk for the Wild* by participating in or donating towards a 5K (or shorter) walk on the Refuge, guided by Refuge or Friends Group staff. Look for information on the Fish and Wildlife Service [webpage](#).

**Save the Date:** We are planning a 50th Anniversary Celebration on October 8, 2022. Annual National Wildlife Refuge week is October 8 through 15.

**Save the Date:** October 15, 2022 -- "*Walk for the Wild*" to reap the mental health benefits of walking in nature, and support wildlife conservation at the same time at the Fremont or Alviso locations. This event will cap off 2022 Refuge Week

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**SFBWS Board of Directors News**

*by Ceal Craig, Secretary/Treasurer SFBWS*

Jijo Xavier and Avleen Kohli joined the Board of Directors in 2021. Neil Butani joined in 2019, and is VP. Dr. Chris Kitting, a founding BOD member, is the current President. Dr. Ceal Craig joined in 2005 and is currently Secretary & Treasurer. Ceal is also the BOD Liaison to USFWS and major granters.

The BOD may have up to nine members. *We are looking for more BOD members!* People with expertise in fund development, finance, and working in not-for-profits or working with government agencies are most needed. Mostly, it takes someone willing to spend volunteer time to help the Society's mission and activities.

If you have been a volunteer helping the Refuge Complex, we would love to hear from you as well.

I came on to the BOD in 2005 after volunteering for several years for USFWS at Don Edwards SFB NWR., and I've continued to be an active volunteer.

Also, committee volunteers are needed and welcome! Help us celebrate 35 years as an organization this year. Fund Development Committee is meeting regularly. We would like to refresh our website and the Society's collateral (brochures, hand-outs), and support for social media efforts is another area for continued growth. Volunteers to help on *Tide Rising* would be appreciated too: write an article, volunteer to review and edit each quarter, and more! Help us start a book club of interest to our members? Interested?

Interested in volunteering for anything? Contact [Mary Deschene](#).

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**Nature Store Books & Membership Gifts**

Though our Nature Stores at the Environmental Education Center in Alviso and Visitors Center in Fremont remain closed, we are processing orders for three books, available at our website. You can [buy books online](#) here using your credit card. [See a list of books on the next page!](#)

You can start your membership with a [donation](#). Each year we will send you a letter with a progress update and ask if you would like to continue your membership. Members are entitled to a 15% discount at our Nature Stores, are invited to attend special events, and provide input and feedback for our not-for-profit Friends Group supporting the San Francisco Bay National Wildlife Refuge Complex. And, you can also volunteer!

## Nature Themed Gifts

Place orders: <https://sfbayws.org/nature-gifts-order-form>

Share your love of Nature and the Refuges

### Sinking Underwater

Members: \$16.38 including tax  
Non-members: \$19.66 including tax plus shipping (see order form)

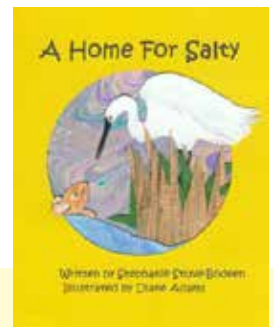
Drawbridge has a certain mystique, even though it "died" over 35 years ago. Because of its isolation on a marshy island, it remains unknown - even to people who live a few miles away.

This unusual community lacked streets, schools or stores and its buildings were constantly sank into swampy water. Residents had to walk three miles on railroad tracks to the nearest grocery. Their kids trudged to school on those same busy tracks. Still, residents loved its lifestyle.

Why were they forced to leave?  
Why is the island off limits today?  
The town remains alive in an unusual manner.

You will meet the hardy folks who lived there and learn their stories firsthand, thanks to unexpected events that took place after it became a ghost town. Photos and rare interviews with former inhabitants bring Drawbridge to life again, allowing readers to experience the town without slogging through its mud.

113 pages



### A Home for Salty

Members: \$6.50 including tax  
Non-members: \$7.64 including tax plus shipping (see order form)

Read about the adventures of a salt marsh harvest mouse, an endangered species that lives on the San Francisco Bay National Wildlife Refuge. 32 pages.

The Salt Marsh Harvest Mouse, also known as Salty, is found along the edges of San Francisco, San Pablo, and Suisun Bays and no where else in the world.

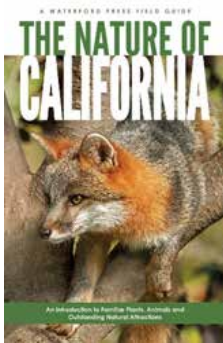
Salty is an endangered species, meaning that there aren't many Saltys around. Why is Salty endangered? Salty only lives in the Salt Marsh habitat. The marsh habitat has decreased over 80% within the past 100 years. With less space, it is difficult for Salty to find food, water, and shelter. Salty only lives for 9 months, which makes it more difficult to find a partner and make a family.

Due to living in a salty environment, Salty can swim and drink salt water. Salty is the only mouse species that can survive in salt water. Salty has a special salt gland that allows it to drink salt water. Salty is nocturnal which means that it is only awake at night. Salty is only about the size of your thumb, with a tail. Salty's main diet is pickleweed; it also makes its home out of pickleweed and uses pickleweed to hide from predators. Salty is a unique mammal that we can protect by keeping our marshes and watersheds free from pollution.

### The Nature of California

Members: \$15.73 including tax  
Non-members: \$18.51 including tax plus shipping (see order form)

"This beautifully illustrated field guide highlights over 370 common and unique plants and animals and 85 of the state's outstanding natural attractions. It is an indispensable single reference for amateur naturalists, students and tourists alike." 176 pages.



Give a gift of SFBWS membership to friends and family.

Or donate to help SFBWS  
See <https://sfbayws.org/donate>

Give a Donation - using a credit card through PayPal

Gift Membership - give a membership to a friend or family member

Amazon Smile - support San Francisco Bay Wildlife Society with your normal Amazon purchases at no cost to you by signing in at [Smile](https://smile.amazon.com).  
[Amazon.com](https://smile.amazon.com) and [assigning us as your chosen charity](https://sfbayws.org/assigning-us-as-your-chosen-charity).

Become a Member at: <https://sfbayws.org/join>



## SAN FRANCISCO BAY WILDLIFE SOCIETY: DONOR RECOGNITION

We gratefully acknowledge the following donors who have made gifts to the San Francisco Bay Wildlife Society from April 1 through June 30, 2022.

### Senior/Student (\$20)

Patricia Callaway  
A D Harrington  
Felicitas Jimenez  
Ruth Mundy  
Richard Santos

### Individual (\$35)

Charmon Ashby  
Diane Ciucci  
Locke C Jorgensen  
Mary T Light  
Monique Riggins  
Annemarie Rosengreen

### Family (\$50)

Susan Jane Boddy & Rodney Rex  
Collings  
David Halsing  
Craig & Barbara Heckman  
Cindy Lockhart  
Kathleen Yoshikawa

### Supporter (\$75)

Sherlyn Brubaker  
Carol Johnson  
Fran Tannenbaum Kaye

### Participant (\$100)

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Maureen Forney  
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William K Nisbet  
Joan Nolen  
Kathryn Schmidt  
Ike & Shirleymae Skaredoff  
Tri-City Ecology Center (2021  
Holiday Donation)

### Sponsor (\$250)

Laurel Przybylski

### Memorials/Honorariums

Ceal Craig, Valley Women's League  
honorarium

### Donations

American Online Giving Foundation  
Patricia Ann Carelli  
Charities Aid Foundation America  
PayPal Giving Fund

**THANK YOU!**  
Our Refuges appreciate your  
support

## Help Us Protect Your San Francisco Bay Wetlands!

**Mail your donation to: San Francisco Bay Wildlife Society,  
P.O. Box 234, Newark, CA 94560.**

You may also become a member at <https://sfbayws.org/>

For a gift membership, call 510-792-0222 ext. 364.

[LINK here](#)

San Francisco Bay Wildlife Society is a not-for-profit 501(c)(3) organization, a Friends group for the San Francisco Bay National Wildlife Refuge Complex.

**YES! I want to support San Francisco Bay Wildlife Society and its programs.**

My membership will help the *San Francisco Bay National Wildlife Refuge Complex* and its south Bay and Outer Bay Refuges

(Don Edwards, Salinas River, Ellicott Slough, and the Farallon Islands)

Enclosed is my contribution of:

<input type="checkbox"/> \$20 Student/Senior	<input type="checkbox"/> \$200 Corporation
<input type="checkbox"/> \$35 Individual	<input type="checkbox"/> \$250 Sponsor
<input type="checkbox"/> \$50 Family	<input type="checkbox"/> \$500 Sustainer
<input type="checkbox"/> \$75 Supporter	<input type="checkbox"/> \$1,000 Leader
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**Thank you for your support!**

For more than 30 years, the San Francisco Bay Wildlife Society has:

- Introduced the refuge to tens of thousands of students of all ages
- Helped fund the Bair Island restoration and Management Plan, restoration work at Antioch Dunes NWR, and uplands restoration at the Environmental Education Center (EEC)
- Provided Saturday staff in EEC through long-term partnership with the Santa Clara Valley Urban Runoff Pollution Prevention Program
- Provided funding for a new boardwalk at the New Chicago Marsh Trail at the EEC.
- Funded a new greenhouse
- Provided funds for a native plant nursery
- And much more....

**Help continue this tradition by becoming a Supporting Member of the Society.**

Benefits include:

- Tax deduction to the extent permitted by law
- Free book - Exploring Our Baylands
- 15% discount at SFBWS Nature Stores
- The joy of helping protect this important environment
- Free subscription to *Tide Rising* newsletter

<https://sfbayws.org/>

