



# UPWIND

from the Arcata Marsh  
Interpretive Center  
Vol 26, Issue 3, Summer 2019

**Our Mission: To stimulate understanding of the Arcata Marsh & Wildlife Sanctuary, its relationship with Arcata's integrated wastewater treatment system, the surrounding watersheds and bay, and their link with the Earth's water cycle**

*In This Issue: Board Candidates Sought... Annual Meeting & Volunteer Appreciation Lunch... Upcoming Lectures... Take a Child Outside Day... What's New at the Marsh... Docent Training Held... Board Candidate Application... Marsh Work Day... Summer Twilight Walks... Summer Marsh Clean-up... South Georgia Island Lecture... Lamprey Lecture... Watershed Stewards Lecture... Visitor Comments... Calendar... Members & Donors*

## Why Wouldn't YOU Make a Good FOAM Board Member?

We are looking for at least one FOAM member (or a person/persons willing to join the organization) who care about the Arcata Marsh & Wildlife Sanctuary and would like to translate that feeling into action. If you've wondered about a new way that you can help the Marsh, here's your opportunity! Board members are expected to attend monthly meetings and volunteer at least 4 hours/month (see page 3).

FOAM has a small membership base on which to draw. You'd be working with a great group of people to improve a place we all love. Please call me at 502-5080 to find out more.

P.S. Board applications are due by **Monday, August 26.**

***Elliott Dabill***

### FOAM Annual Meeting & Volunteer Appreciation Lunch Set for September 29

Members and volunteers, please mark your calendars for Sunday, September 29, starting at noon. That is when FOAM will hold its yearly get-together with you.

We'll begin with delicious barbecued albacore by Dave Couch, supplemented by salads, drinks, and dessert. Then, Volunteer of the Year awards will be given out (a certificate, AMIC bookstore voucher, and our immeasurable thanks) and the election results announced.

The 6th Annual Arcata Marsh Bird of the Year award will be presented. You'll also get an advance look at FOAM's annual report, which summarizes what we've accomplished during the last year.

### Upcoming Lectures

On Friday, August 16, Humboldt State wildlife professor Jeff Black will give an update on "North Coast Otters: Merging Citizen Art & Science." *North Coast Otters* will be a collection of unique pieces of otter art, to be displayed at local businesses, festivals, galleries, schools, and other public areas. (FOAM is



*August speaker Jeff Black and friend.*

sponsoring one at the Interpretive Center.) Jeff will enlighten lecture attendees about this intersection of art, nature, and science.

On Friday, September 20, HSU biology professor Sean Craig will tell us all about Humboldt Bay mud.

All lectures are free and begin at 7:30 pm at the Interpretive Center. Seating is limited to 50 people on a first-come, first-served basis (no reservations). For more information, call 826-2359.

### 2018-19 Board of Directors & Officers

#### Officers

*President:* Elliott Dabill

*Vice-President:* David Couch

*Secretary:* Katy Allen

*Treasurer:* Sue Leskiw (*Ex Officio*; also UPWIND Editor)

#### Other Board Members

Stan Binnie

Richard Brown

Maria Friedman

Cindy Kuttner

Cosette McCave

Bill Prescott

Jean Santi

Mark Wilson

**Website:** [www.arcatamarshfriends.org](http://www.arcatamarshfriends.org)

**Facebook:** [www.facebook.com/Friends.of.the.Arcata.Marsh](http://www.facebook.com/Friends.of.the.Arcata.Marsh)

## TACO Day Returns This Fall

Thanks to funding provided by Friends of the Arcata Marsh, the popular Take a Child Outside (TACO) Day has been resurrected in 2019. This free event will be held at the Arcata Marsh on Saturday, October 5, from 11 am to 3 pm, with activity stations both inside the Interpretive Center and set up along the Log Pond loop trail.

TACO Day is a nature exploration event for families and teachers that also allows local science-oriented organizations and agencies to showcase their programs and resources. To date, the following groups have agreed to participate: ASK ME (arts and science program), the Bureau of Land Management, California State Parks, FOAM, 4 R Planet, the HSU Aquatic Center, HSU's Schatz Energy Research Center, the HSU student environmental educators and interpreters club, Humboldt Bay National Wildlife Refuge, the Northcoast Environmental Center, Redwood National & State Parks, SCRAP Humboldt, and Sequoia Park Zoo.

## What's New at the Marsh

By George Ziminsky

► Summer camps have been in session each weekday (until August 16) from 1-5 pm. There are two alternating camps: Young Explorers Science Camp for ages 4-6 and Marsh Explorers Camp for ages 7-9.

► Renee Thibodeau from the City Rec Department has been helping with AMIC staffing until a new resource aide is hired in August. Monica Bueno left in June for a full-time position with the State. Eddie Valenzuela continues covering a few shifts.

► Pete Haggard has been working wonders in the native plant garden. The blooming pink and white *Clarkia amoena* are getting rave reviews!

► Five interpretive signs that were vandalized several years ago have been replaced, with FOAM splitting the cost with the City. They are "Where rivers meet the sea," "Taking flight on Klopp Lake,"



Some of the participants in the July 20-21 docent training.

## Marsh Docent Training Resurrected

By Elliott Dabill

For the first time since 2012, FOAM sponsored a weekend-long docent training to increase the pool of Marsh tour leaders and welcome desk staffers. Sixteen people came to learn. Congratulations to Lorraine Davis, Susan Halpin, Jenny Hanson, Jim Hewins, Paul Johnson, Kathleen Kolodny, Ila Osburn, Jeannie Smalley, Alex Stillman, and Deborah Watson—plus FOAM Board members Stan Binnie, Rick Brown, Cindy Kuttner, Cosette McCave, Jean Santi, and Mark Wilson—for completing the training.

Instructors were Rick Brown (Marsh mammals); Dave Couch (the nooks and crannies of the wastewater treatment plant); Sharon Levy (Marsh history, with many attendees purchasing her recent book on the topic); Barbara Reisman (Marsh plants); and Elliott Dabill (interpretative techniques, wetland ecology). Past Redwood Region Audubon president Alexa DeJoannis covered bird biology and led a docent-oriented walk. (We didn't see a lot of birds, but the education about them was first rate.)

I encourage all the new docents to start volunteering as soon as they have been approved by the City, with the understanding that tour leaders grow over years and staffers learn a great deal just being at the welcome desk. There is a lot to be learned about this place: biology, wastewater treatment, history, and other topics. The depth of knowledge available adds to the richness that is the Arcata Marsh. The folks at this training were enthusiastic, love the Marsh, and are ready to share the past and future of this natural history wonder with visitors.

"What is a godwit?", "Bumpy, spiny, hairy, bristly," and "Black-crowned Night-Heron."

► The "service road" along the north side of Allen Marsh has been cleared to allow access for vehicles and equipment as the City prepares for Marsh renovations as part of the treatment plant upgrade. This does NOT mean the service road has been changed to a public access trail.

► Summer generally is a slow time for birding at the Marsh, but

we had an exciting day with a Great Horned Owl roosting on the east side of the Log Pond and Rob Fowler finding a White-eyed Vireo at the northwest corner of the Log Pond later that morning. This was a new species for the Marsh (#337) and only the second Humboldt County record of this primarily East Coast bird. We also added two new species to the Marsh breeding bird list, with Bushtit and Pacific Slope Flycatcher successfully raising families.

**Application for Membership on the FOAM Board of Directors  
for a 3-year term beginning October 2019**

FOAM bylaws allow for individuals to request nomination for election to the Board of Directors. The election will be held by mailed ballot prior to the Annual Meeting. Information about nominees will be sent to all members in early September as part of the Call to the Annual Membership Meeting process. **To insure inclusion in the membership mailing, this form must be received by Monday, August 26.**

Questions? Contact Elliott Dabill at 502-5080, e-mail edabill@me.com.

**1. I would like to be a candidate for the Board of Directors for a 3-year term beginning in October 2019.**

Name \_\_\_\_\_

Address \_\_\_\_\_

Phone (home/cell) \_\_\_\_\_ e-mail \_\_\_\_\_

**2. I have read and do accept the provisions of the “Specific Duties of Board Members” below:**

- ▶ Attend the monthly meeting of the Board of Directors and actively participate in its decision-making process.
- ▶ Complete the paperwork and training to become a City of Arcata volunteer within 3 months of taking office.
- ▶ Commit to at least four (4) hours a month of additional activities, which can include staffing the Interpretive Center, leading tours, and/or participating on at least one committee or special project.
- ▶ Participate to the extent possible toward the success of public events that promote the Marsh.
- ▶ Assist with fundraising by making a personal donation so as to be a current member of FOAM and solicit donations from friends and individuals known to support our goals.

**3. Candidate statement: Suggested content — What is your vision for the Marsh, your area of active interest in the Marsh, any related background/expertise? (Continue on separate sheet if needed.)**

**Snail mail to Sue Leskiw at 155 Kara Ln, McKinleyville CA 95519 or  
scan and e-mail to sueleskiw1@gmail.com. Deadline for receipt: Monday, August 26.**



## FOAM/City Volunteer Work Day & Coastal Cleanup Day

By George Ziminsky

The City and FOAM will hold a volunteer Marsh work day on Saturday, September 21. In years past, this work day has focused primarily on *Spartina* removal. There may be additional effort directed at other invasive plant species this year. This date coincides with Coastal Cleanup Day, so volunteers also will be cleaning up trash and collecting data throughout the Marsh.

Some details still are to be determined. Volunteers will most likely meet at the South G Street parking lot at 9 am. For more information closer to the date, contact me at [georgez@humboldt.edu](mailto:georgez@humboldt.edu).

## Friday Twilight Walks Continue Until August 30

If you haven't had a chance to experience the quiet of summer twilight at the Arcata Marsh and Wildlife Sanctuary, there's still time. These walks, led by local naturalist Alexa DeJoannis on behalf of FOAM, started on June 12 and continue each Friday evening through August.

Alexa will lead a casual exploration of our local gem from 7:30 to 8:30 pm at the end of the work week. The Marsh at dusk is alive with animals getting ready for night time against a landscape of sunset and rising fog.

Dress warmly. Meet at the first parking lot on South I Street, on the left coming from Samoa Boulevard (just before the yellow gate). Bring a flashlight if you wish. Call (202) 288-5174 with questions.



Twilight photos by Akexa DeJoannis.



## Summer Marsh Clean-up

By Katy Allen

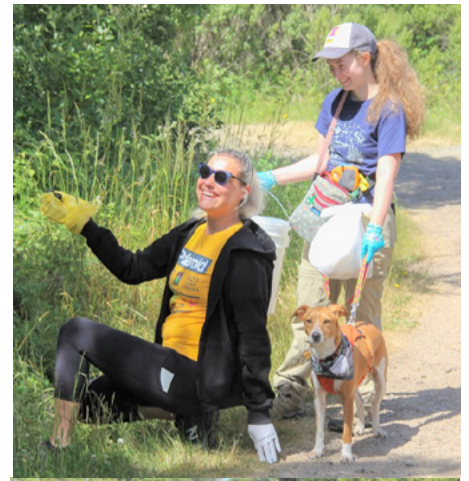
On June 22, our neighbors at Humboldt Pet Supply (HPS) on South G Street once again sponsored a Marsh clean-up day. When my husband Tom and I arrived at the appointed start time, we were greeted by their friendly staff at a table loaded with treats, drinks, and informative literature about the negative effects of dog waste on the environment. We set out with our provided professional-looking pooper scoopers and bags for two hours of dog poop and litter hunting.

It turned into a real Easter egg hunt scenario when we were told to be on the lookout for special painted rocks that could be redeemed for gifts. HPS had solicited donated prizes from over a dozen local businesses and painted the logo of each business onto rocks that they then scattered throughout the Marsh. Twenty-two individuals took up the challenge and came back with a total of 26 pounds of trash. Tom and I, the lucky finders of the pet store's own special rock, came home with \$25 worth of doggie treats for our very appreciative little Leila!

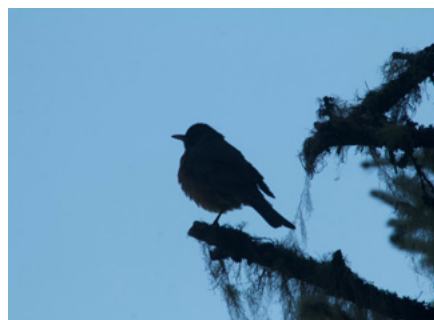
Businesses that donated prizes for the painted rock treasure hunt were Atlas Engineering, BLC, Boldt Distillery, Café Brio, Dot's Wonder Products, Far North Climbing Gym, Humboldt Glassblowers, Humboldt Pet Supply, Pasta Luego, Plaza Be Inspired, Redwood Yogurt, and Weruva.

The Marsh is lucky to have such conscientious neighbors. As a Marsh supporter, if you own a pet, consider taking your business to Humboldt Pet Supply.

HPS will be hosting another Marsh clean-up this fall—watch their Facebook page at [www.facebook.com/humboldtpet/](http://www.facebook.com/humboldtpet/) for details.



Scenes from the HPS Marsh clean-up effort. Photos courtesy of HPS.



Members & Volunteers:  
We hope to see you at the  
FOAM Annual Meeting  
& Volunteer Appreciation  
Lunch on Sunday,  
September 29!

## Tuttle Talk

By Elliott Dabill

Could you find South Georgia Island on a map? The Falklands? Not to worry, Andrea Tuttle was here on May 17 to give a tour of the natural history of the islands on board the good ship National Geographic Explorer, from a year-ago journey. The islands are just off the southern tip of South America, in the Atlantic. She asked the audience why the return from the Falklands had to go via Chile and not the closer Argentina: the later country won't allow transport from the islands they fought a war over with the United Kingdom in 1982. These islands are still governed by the UK. (Good trivia question there.) Her talk covered global warming in the region and the iconic wildlife, as well as a fun travelogue.

National Geographic tours don't seem to offer the amenities on other tour boats, like gambling and fancy shows, but do offer lectures (like an evening with the sons of Hillary and Norgay, both of whom followed their fathers up Mt. Everest) and natural history instruction. Andrea brought five layers of clothing for the outside trips, and the tour provided the Antarctic puffy jacket to go on top. Also, never tuck your pant legs into the boots, as she did, because the water will get in when you step out onto shore. We follow the route from Ushuala, Chile for the trip overnight to the Falklands, then a two-day crossing to South Georgia, and finally retrace the steps to the origin.

The Falklands offer massive rookeries of many birds, including rockhopper and gentu penguins, and a nesting site of 800,000 albatrosses, the world's largest. Lots of seals of several varieties, including the massive elephant seals that dive a mile and a half deep (!) and hold their breath for up to two hours (!!). Caracaras, a large raptor, were sighted decked out in cool black hats.

On the way to South Georgia, an evening lecture covered the Shackleton Antarctic discovery trip, famous for the disastrous loss of the ship and the heroics that brought all the men back alive. The ship was trapped

early in the voyage, then crushed by the ice, and the sailors had to haul three smaller boats to their lucky landing on Elephant Island. Shackleton then made the trip to South Georgia Island and came back to rescue the rest. He is still honored as one of the true heroes from the Age of Discovery. He returned later in life, died of a heart attack, and is buried on the island.

South Georgia has remnant machinery at six stations left from whaling days, including large tanks that held whale oil. Over 50,000 whales were hauled here over a 50-year period, then stripped of blubber and rendered into the oil that lit lamps and lubricated the mechanical devices of the time. Many of the humpbacks, blues, and fin whales have begun recovery, while others still struggle for numbers returning to the days before mechanized killing. Reindeer (6700 of them) and rats (200 million!) were introduced to South Georgia and quickly destroyed the plant ecology (reindeer) or nesting birds and eggs (rats). They are gone now, since the only way to restore the island was to kill the invasive species, a task much more difficult than just shooting or trapping.

You would travel here to see the wildlife, like fur and elephant seals in their growing populations, or huge flocks of king penguins. Penguins eat lanternfish in massive numbers caused by the nutrient upwelling around the Antarctic (termed a convergence). Wandering albatross have wingspans of—are you sitting down?—11 feet!

Andrea ended with a summary of the topic we will be discussing for the rest of our lives, global warming. While the northern high latitudes are changing much faster, the warming at the southernmost continent carries risk of releasing glacial water enough to raise ocean levels around the world 58 meters (174 feet). How all of that will change the convergence and lead to changes in nutrient levels, krill that feeds the fish and penguins and whales, is yet to be determined. Thanks for the virtual trip to Antarctica and to Andrea Tuttle, we can be distracted by the

magnificence of the wildlife, and yet be reminded that the world is changing quickly.

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## Lamprey Lecture

By Elliott Dabill

I felt bad right away—well, not too bad—but sorry that someone's feelings were hurt when I said that lampreys are just ugly. Uglier fish haven't been discovered; these beasts don't even have jaws, but instead an oral disc with nasty teeth and a tongue with horns to tear into the bodies of fish. I was introducing the June 21 speaker, Damon Goodman from the California Department of Fish and Wildlife, and the last thing desired would be to start a mob action by offending the topic of the day. So I tried humor: "The last time I got that angry a reaction, I had said that Brussel sprouts tasted bad" (they do). Some of the audience sided with the speaker; it looked like a rough evening ahead. To rescue this article from being about me, Damon said not to worry, he gets that all the time and in fact has an answer for the complaint.

How do you counter the popular opinion about the hideous appearance of your research topic? He showed a picture of a human mouth so wide open that it took up most of the picture frame. Good point. I wouldn't want my open mouth to represent all that I stand for, although critics have an obvious comeback. See, this could even now be about me. Maybe if you work with these fishes long enough, you wouldn't care about appearance, but instead recognize this marvelous frozen moment in evolution before jaws and the bones that advanced fish use to hang their gills on. Lampreys have gill pores that are simple openings to the gills, and they evolved before paired fins were invented, so you see only a fin running down the center of the back and wrapping around the end of the tail. They represent something primitively important for understanding the past of vertebrates, even us. Damon went on to explain the magic of what lampreys are now and their value to California ecosystems.



*Lamprey mouth.*

Lampreys are nocturnal, for example. Like salmon, they return from the ocean to lay eggs in a redd, or nest in the sand, and then die to leave nutrients for the kids they will never see and enhance the entire ecosystem. Constructing a redd means flapping one's tail against the sand and using a suction-cup mouth to move surprisingly large rocks. Those kids are called ammocoetes and start out by living in the sandy bottom and sticking out their heads to filter organic matter from the water. We are talking quantities of young that amaze everyone: 60,000 of them in a beaver pond before the team stopped sampling. They grow bigger, migrate to the ocean eventually, and take on the lifestyle that makes them famous in the Great Lakes and most of the river systems in California.

Now imagine you are a handsome, iconic fish like salmon, lazily swimming upstream with sex on your mind. Suddenly, a three-foot lamprey comes from nowhere and slams into the side of your body before you remember that you have no arms and can do nothing about it. The end of the lamprey that hit you has those teeth and a suction-cup mouth to hold on, while the horned tongue rasps open the side of your body and begins to suck out blood and innards for its meal.

OK, reader, are you ready to vote with me now on the ugliness thing? Never mind, we must set aside subjectivity and become our own inner fish to appreciate their overall role and even more adaptations that will leave your mouth agape, since you have jaws.

Successful adaptations too, because if you saw a map of California's rivers and streams, virtually all of them had lampreys in them until we added dams that keep them out. Mostly out, but these wigglers have talents. Damon described building an aid to lamprey movement upstream in San Luis Obispo, where they should have had a large population but didn't. The repair was a sheet of metal hanging over the middle of the barrier so that the lampreys could migrate over the lip of the barrier in large numbers. A wet, vertical sheet of metal to climb up? Yup, that suction cup works like a charm to inch up even that. Lampreys can leave the water to climb, as long as there is spray to keep their gills moist, and they climb boulders and obstacles as though evolution has prepared them to spread their kind far and wide. They are successful.

Except that bears, cats, sea lions, people, and many others will eat lamprey. It was the Native Americans that first noticed a decline in lamprey numbers, which led to research and the team with Damon Goodman to realize that we didn't know much about the declining fish. They are anadromous, but do they return to their natal stream like salmon? Nope, they have no natal fidelity, which gives them the ability to seek out any place promising for breeding. Lampreys are only in half of the streams they used to inhabit, but the California Fish and Wildlife team have demonstrated the tenacity with which the fishes will rebound if given a chance. Research has shown that they can move upstream even where humans have altered the landscape. Damon showed pictures of a clear plastic tube run through a city's culverts to get around obstacles. A movie showed the lampreys, at night, suctioning their way in the tube upstream. The tube was crowded with the fish, and if it's fair to call them determined, they certainly were.

Hey, I think this whole thing has me coming around to their side; they have so many tricks and even the government supports them with good speakers. So why don't you peo-

ple get over your appearance prejudice and appreciate them for what they are and the importance of ecological roles for the entire system of creatures that have done their thing for hundreds of millions of years before humans even arrived? It makes me mad that lampreys get no respect.

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## **Watershed Stewards Program**

*By Cosette McCave*

On July 16, Watershed Stewards Program (WSP) representative Jess Coming gave a lecture on the different aspects of the WSP's goals and projects. The WSP has branches across California. The organization has four main goals: watershed recovery and protection, volunteer recruitment, education and outreach, and research. Coming also shared inspiring goals that she hopes will spread across the science world.

The WSP conducts many surveys of water bodies across Humboldt County, including the Eel River, Elk River, Mattole River, Freshwater Creek, and their headwaters. The surveys check on a watershed's health, especially with regard to overfishing. Volunteers hike, boat, or dive to collect data.

Jess discussed her surveys of local steelhead populations. She looks for and counts live spawning fish, their carcasses, their redds (gravel nests where fish deposit their eggs), and their predators. The data allow the WSP to gauge the health of the watershed and its inhabitants.

The WSP also performs salamander surveys. Salamanders are very sensitive to pollutants, which makes them an informative indicator species. Coming discussed how cover boards are placed in forested areas to attract salamanders. The volunteers take pictures of and measure these salamanders to understand their health and the state of their habitat.

Coming has also performed slough restoration on the Mattole, monitored flow on the South Fork Elk River wood jam, and collected environmental DNA from waterways.





The WSP is more than a research-based organization. Education and outreach are important for them to connect with the community. Jess and her WSP counterpart put on a social trail decommissioning event at Headwaters Reserve. The two taught community members how to decommission trails and informed them of why it was important to care for our local watersheds.

The WSP has hosted the Wonders of Watersheds Program, the Fish Fair, and Ocean Day. Coming participated in these events and even staffed her own booth. During Creek Days, she had kids create ecosystems. She then used different tactics to show human impacts. Coming would pour soy sauce on their ecosystem to show an oil spill, or even jumped on one ecosystem to show the impacts of a clear cut. She believes it is important to get the youth of the community involved with and educated on environmental issues locally and globally.

Outside of the WSP, Coming indulges in art, such as drawing and painting. She used this skill to display data her mentor had collected. They took his data and her drawing to the Salmonoid Restoration Federation Conference. The painting was a hit. Passersby said the painting helped them understand the data better and added some spice to the data-heavy displays they had just seen.

This sparked something in Jess. She realized that there is a disconnect between citizens and science. This is when she came up with some goals she believes could help bridge this gap and get everyone involved: 1) teach scientists language skills to communicate with the public and the compassion to understand and be patient with diverse perspectives; 2) reach the next generation by exposing them to the environment, implement inquiry-based teaching over "cookbook" teaching, and improve scientific research in education; and 3) engage in public review through

3) engage in public review through CEQA, NEPA, and letters to elected officials.

Jess expressed the hope that other environmental scientists will understand that there is a disconnect, but they can do something to change that situation.

### Visitor Comments & Information

Since our last issue (published in May), guests from the following 29 states have signed in to the log book at the Interpretive Center desk: Arizona, Arkansas, Colorado, Connecticut, Florida, Georgia, Hawaii, Idaho, Illinois, Iowa, Kentucky, Maine, Massachusetts, Michigan, Mississippi, Missouri, Montana, Nevada, New York, North Carolina, Ohio, Oregon, Pennsylvania, South Dakota, Texas, Vermont, Virginia, Washington, and Wisconsin. International travelers hailed from Australia, Canada, England, and Kenya.

Some took the time to write comments: "A destination spot... We [heart] adventures here!... Awesome resource... Beautiful area, great walking... Happy to see wastewater treated this way... Super marsh... Absolutely gorgeous... Great stuff, good work... Neat birding after yummy breakfast... Great learning center... As a chemical engineer, it is wonderful to see such a holistic water treatment process!... Thanks for being here and doing what you do!... Great park... A new experience... Very informative... Beautiful interpretive area!... Loved the artwork... What a variety of birds!... Very peaceful... Fantastic and fun tour... Lovely little walk and trails... Super cool!... Cool bird information... Awesome!... Excellent!... LOVE!!!"

### Calendar of Events

*[Docent tours leave the Interpretive Center every Saturday at 2 pm]*

August—Marsh paintings by the Representational Art League  
August 8—FOAM Board Meeting, 6:30-8 pm

August 16—Update on *North Coast Otters* art project by Jeff Black, 7:30 pm (see p. 1)

August 26—Deadline to apply for FOAM Board candidacy (see p. 3)

September-October—Photographs by Jose Quezada

September 12—FOAM Board Meeting, 6:30-8 pm

September 20—Lecture on Humboldt Bay mud by Sean Craig, 7:30 pm (see p. 1)

September 21—FOAM/City of Arcata volunteer work day at the Marsh, 9 am (see p. 2)

September 29—FOAM Annual Meeting, Volunteer Appreciation Lunch & Arcata Marsh Bird of the Year Award, noon (see p. 1)

October 5—TACO (Take a Child Outside) Day at the Arcata Marsh, 11 am-3 pm (see p. 2)

October 10—FOAM Board Meeting, 6:30-8 pm



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### Thanks to Our Supporters, May through July 2019

- ▶ Best Friends (\$100+): Susan Halpin; Bill & Carolyn Prescott
  - ▶ Supporters (\$50-\$99): NEW Life Members CJ & Carol Ralph
  - ▶ Friends (\$18-\$49): Karen Angel; Rick Brown & Rosio Corona; Luther Cobb & Mary Ellen Mahoney; Karen Cunningham (Coos Bay, OR); Melanie Dabill; Janette Heartwood; Paul Johnson; Kathleen Kolodny\*; Moonlight Macumber; Karolyn Merz; Mary Romaidis; Patricia Sundgren Smith & Frederick Pierce; Karen Zeck
  - ▶ Donations: Steven & Carol Pearson (Portland, OR), IBM matching donation, \$100; Mary Romaidis, \$30; \$158 from AMIC donation box
- \* = New member

FOAM  
Friends of the Arcata Marsh  
PO Box 410  
Arcata CA 95518

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**Mark Your Calendar for:**

**Otter Art Project Lecture, 8/16**

**Board Candidate Application Deadline, 8/26**

**Bay Mud Lecture, 9/20**

**Arcata Marsh Work Day, 9/21**

**Annual Meeting/Volunteer Lunch, 9/29**

**Take a Child Outside (TACO) Day, 11/5**

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**MEMBERSHIP APPLICATION**



Name \_\_\_\_\_

Address \_\_\_\_\_

City, State, ZIP \_\_\_\_\_

Phone \_\_\_\_\_ E-mail \_\_\_\_\_

Please check the appropriate membership category:

Individual \$25       Family \$35       Student/Senior \$18

Sponsor \$50       Best Friend \$100       Life Member \$750

I would like more information about volunteering for FOAM,

FRIENDS OF THE ARCATA MARSH, PO Box 410, Arcata CA 95518

[arcatamarshfriends.org](http://arcatamarshfriends.org)

A tax-exempt, nonprofit 501(c)(3) organization, EIN #68-0232871. All donations are tax deductible.

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*If you are receiving a complimentary copy of this newsletter, please consider joining FOAM.*

*If you were a member, but have allowed your membership to lapse, please renew.*

*(See mailing label for your expiration date.)*

*Interpretive Center street address is 569 South G Street, Arcata.*

*FOAM mailing address is PO Box 410, Arcata CA 95518. You can reach us by phone from 9 am to 5 pm Tuesday through Sunday and 1 to 5 pm Monday at 707-826-2359.*