



UPWIND

from the Arcata Marsh
Interpretive Center
Vol 24, Issue 4, Fall 2017

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: Upcoming Lectures... Seeking Volunteers for October 21 Invasive Plant Removal... Annual Meeting & Volunteer Appreciation Lunch... Bird of the Year Award... What's New at AMIC... Pastels on the Plaza... Thanksgiving Day Ramble... Wastewater Treatment Lecture... Coastal Cleanup Success... Toddler Donation... Mosses & Ferns Lecture... Annual Report... Artist Statement... Visitor Log... Calendar... Supporters



Bob Gearheart.

Upcoming Lectures

On Friday, October 20, Bob Gearheart will present about "Natural Wastewater Treatment Processes: Arcata Pond/Wetland System." Bob is a Humboldt State University emeritus professor of environmental resource engineering and current director of the Arcata Marsh Research Institute. In the 1980s, along with Arcata city staff and council members and HSU colleagues, he was instrumental in implementing a wetland treatment pilot project that led to the Arcata Marsh & Wildlife Sanctuary we all enjoy today.

On Friday, November 17, Ron Fritzsche will present about "The Biology of Some Humboldt Bay Fishes." Ron is a Humboldt State University emeritus professor of fisheries who was named HSU's Outstanding Professor in 1990-91. He also spent time as an oceanography officer in the U.S. Coast Guard, studied the early life history of fishes at the University of Maryland's Chesapeake Biological Laboratory, and taught marine biology at the University of Mississippi.

On Friday, December 15, Gordon Leppig will present about "Riparian

Habitat: Why It's Important and How to Protect It." Gordon is a senior environmental scientist supervisor with the California Department of Fish and Wildlife. His talk will review the many ecosystem values of streamside areas, one of California's most threatened habitats. These biologically diverse areas support many endangered, threatened, and sensitive wildlife species. Gordon will celebrate the value and beauty of this vital habitat and highlight methods to best protect it.

On Friday, January 19, David Narum, project manager in the department of energy and technologies at Blue Lake Rancheria, will present on "Tradition and Technology at Blue Lake Rancheria." He will give examples of how the Rancheria is working to combine historic resilience practices with state-of-the-art technology. David is also a technical writing instructor in the HSU environmental resources engineering department and a consultant on projects in education, environment, energy, and entrepreneurship.

All lectures are free and begin at 7:30 pm at the Interpretive Center. For more information, or to guarantee a seat, call 826-2359.

Let's Get Dirty!

Friends of the Arcata Marsh (FOAM) is hosting an Invasive plant removal workday on Saturday, October 21. Meet at the Marsh Interpretive Center parking lot on South G Street at 9 am. Tools and gloves provided; wear work clothes and sturdy shoes. The focus of this workday will be the "Usual Suspects": fennel, Scotch

broom, teasel, English ivy, and *Vinca* (periwinkle), to name a few. These vegetative villains were busy this summer moving back into previously defended territory, a situation FOAM cannot abide. Volunteering is one of the most rewarding ways you can help the Marsh. For more information, contact George Ziminsky at gmz2@humboldt.edu or 599-2655.

2017-8 Board of Directors & Officers

Officers

President: Elliott Dabill

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**FOAM website: www.arcatamarshfriends.org
Facebook: www.facebook.com/Friends.of.the.Arcata.Marsh**



FOAM Board members (L-R) David Couch, Elliott Dabill, Bill Prescott, Cindy Kuttner, Stan Binnie, Katie Allen, Jane Wilson, and Alex Stillman. Photo by Sue Leskiw.

Annual Meeting & Volunteer Appreciation Lunch

By Sue Leskiw

On Sunday, September 24, FOAM held its 24th annual meeting and volunteer appreciation lunch at the Interpretive Center. Nearly 30 came to enjoy an albacore barbecue lunch by David Couch, with FOAM Board members providing side dishes.

City naturalist Gretchen O'Brien presented a Volunteer of the Year award to Bill Prescott for his front desk and community outreach event staffing. The other recipient, Kate Sequeira, was unable to attend, but was recognized for her front desk staffing. Each received a certificate and \$50 gift card for the Interpretive Center bookstore.

The fourth annual Arcata Marsh Bird of the Year award was given out (see this page).

President Elliott Dabill reviewed highlights of the 2016/17 Annual Report (see pages 5&6) via a Powerpoint presentation. Secretary Katy Allen reported that 39 ballots had been received. Bill Prescott's appointment was made official and a small revision to the bylaws was approved. [NOTE: Three open slots remain on the Board.

Fourth Arcata Marsh Bird of the Year Awards Presented

By Sue Leskiw

"It was the most exciting and most frustrating experience I've had birding," Max Brodie told FOAM annual meeting attendees. As a relatively new birder who wasn't able to get a photo of the rarity he spotted on July 9, Max was hoping for independent verification of his sighting, which came on July 23 from veteran birder Rob Fowler.

Max's Bar-tailed Godwit—a shorebird normally found from northern Eurasia to Siberia and sparingly in Alaska—was the first seen at the Marsh since 2004 (where there were two previous records)

and only the eleventh accepted record for Humboldt County. FOAM recognized Max and Rob with its fourth annual Arcata Marsh Bird of the Year Award, modeled after the Humboldt County Bird of the Year Award first given out at Godwit Days 2014. Its purpose is to recognize rare birds (and their finders) spotted within or from the Marsh that are subsequently enjoyed by other observers. So that FOAM could present the award at its annual meeting, the window for birds to be considered was September 1, 2016 through August 31, 2017.

In his eBird report, Max explained that "my initial intention that day was to casually check out the shorebird flock, but I ended up



Volunteer of the Year Bill Prescott and Gretchen O'Brien. Photo by Sue Leskiw.

spending several hours trying to re-find one in particular among the Willets, Short-billed Dowitchers, Long-billed Curlews, Whimbrels, and Western Sandpipers." Using binoculars, he spotted the Bar-tailed Godwit from 20 meters away between McDaniel Slough and the South I Street parking lot. The single grayish godwit stood out among the flock, lacking the warm cinnamon tones of our common Marbled Godwit. He noted other field marks concerning the bird's bill and plumage color and pattern.

"Then, the entire flock flew up together as the tide reached a critical point, passing within 15 meters of me," wrote Max. He observed that the bird showed pale whitish underwings and tail, with a pale V-shaped patch extending up the rump. His close friend Nora Papian brought out her spotting scope and helped Max's effort to re-find the bird, to no avail. "Seeing this bird was completely unexpected and warranted careful study of all field guides at my disposal before confirming its ID."

Rob Fowler relocated the bird at the mouth of Jacoby Creek as he was out counting Black-bellied Plovers. He got photos that identified the bird as an adult female Bar-tailed Godwit. Max and Nora raced out after Rob's sighting report came in, both got to see the bird, and Max confirmed that it was the same individual he'd spotted three weeks earlier. Other observers reported the Bar-tail at the Marsh Oxidation Ponds and at the mouth of Jacoby Creek over the next week.

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(Left) Max Brodie (left) receives Arcata Marsh Bird of the Year certificate from selection committee chair Tom Leskiw. Photo by Sue Leskiw. (Right) Rob Fowler's photo of the Bar-tailed Godwit.

This year's runner-up for the Arcata Marsh Bird of the Year award was California Towhee, which Jude Power spotted while leading a Redwood Region Audubon Society Saturday morning field trip to the Marsh on August 19. The bird, a juvenile with a streaked breast, was seen at the east end of "Sparrow Alley," first on a large log lying in the saltmarsh near the Butcher Slough bridge. It then flew across the trail and moved low through the pines, calling. It turned out to be a first confirmed Marsh record for that species, which is regularly found in drier, inland areas of the county like Willow Creek and colonized the Blue Lake area about 12 years ago.

What's New at AMIC

By Gretchen O'Brien

The Interpretive Center has received a generous donation specifically for adding more toddler-friendly displays and activities, so I have ordered some new things. So far, we have added a small finger puppet set with puppets and a stage and two large, durable magnifying glasses. A small science exploration table and chairs are coming soon, plus stools for smaller people to stand on to see the existing displays. Some of the funding will bill used to repair and upgrade items that need a little TLC (see article, page 4).

What may be the tallest teasel plant to ever loom over the Arcata Marsh is now at AMIC, brushing the ceiling near the west windows! Teasel is among the non-native plants that FOAM and the City have included in the removal list for work days. George Ziminsky pulled this one from the native plant garden in front of AMIC. Thanks to Kim Tays and Stan Binnie for clearing out non-natives and dying shrubs from the garden. We are consulting with Pete Haggard to acquire additional native plants that will survive in

marginal soil conditions.

The amphitheater donor plaque will be delivered soon. Once it is in place, we will announce an official opening and plan a special event for donors. The benches are installed and all are welcome to use the space for meeting with others, resting for a picnic, or having a seat to enjoy the peaceful surroundings.

There is a new t-shirt design in the bookstore aimed at dog walkers.

FOAM Square on Plaza

FOAM participated in Pastels on the Plaza on October 7. We thank artist Melanie Dabill for again contributing her talent to advertise FOAM!



FOAM square. Photo by Elliott Dabill.

Turkey Day Exercise

Join Jenny Hanson on FOAM's 18th annual Thanksgiving Day tour of the Marsh. If you'd like to set out on a 90-minute leg-stretcher before your big dinner, meet Jenny at the Interpretive Center front deck (center will be closed for the holiday) at 10 am on Thursday, November 23.

Plans for Arcata's Wastewater Treatment

By Jane Wilson

Dave Couch is the wastewater operations supervisor for the City of Arcata. He began work at the Arcata Marsh as a graduate student under Dr. George Allen. Since there has been a Friends of the Arcata Marsh, there has been an active Dave Couch. We thank him.

Water treatment plants are being upgraded all over the state and the country. Their life expectancies are about 20 years and many, including ours, have eked out a longer time. But now the time has come for a major upgrade, including new technology as well as cleaning out the old. But, with a lot of staunch holding of the line, Arcata, led by Bob Gearheart, is managing to keep the principles and the feeling of our beloved Marsh during the change.

Our waste, after all the processing and a wonderful composting, is rated class A waste. That means we could sell it for gardening, but we use it instead on landscaping around Arcata. There's not enough of it to sell. One problem is the waste contains morning glories, which have invaded many sections of the Marsh. The compost cannot be used on restoration projects because of their seeds: we don't want to spread morning glories. For comparison, Los Angeles has class C waste, classified as toxic waste.

In the 1980s, when the Marsh was constructed, the Clean Water Act funded much of the cost. That is no longer the case. Now, low-interest loans are available. The entire upgrade will cost \$20-40 million.

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Some of the Coastal Cleanup at the Marsh participants. Photo by Javier Noguiera.

Big Marsh Trash Cleanup in September

By George Ziminsky

This year's Coastal Cleanup Day at the Arcata Marsh (September 16) was the biggest and best yet! We had teams from the Humboldt State Chemistry Club (the "Free Radicals"), Cub Scout Troop 95, and Humboldt Pet Supply, as well as members of the community at large. With nearly 30 volunteers, we covered all of the parking lots, roadways, and trails, with the exception of the Oxidation Ponds. The Cub Scouts scoured Mt Trashmore and worked with Javi Noguiera from City of Arcata Environmental Services to clean up old homeless encampments along the railroad tracks and the new trail north of Brackish Pond. The Free Radicals covered South G Street, the southern stretch of the new trail, along the railroad tracks, and the abandoned encampments north of Brackish Pond.

Humboldt Pet Supply's crew focused on cleaning up dog waste left by irresponsible dog owners. By the end of the morning, their 11-person crew covered two trails, removing 28 pounds of poo. They also began work on an informational video to be featured at www.facebook.com/humboldtpet.

Invasive plant removal was another goal for the workday. Craig Benson from Redwood Community Action Agency led a handful of volunteers in the continuing removal of *Spartina* (non-native cordgrass) along Butcher Slough.

When the work was done, the volunteers enjoyed a pizza lunch at the new amphitheater.

Welcome, Toddlers!

By Sue Leskiw

In late July, Stephanie McCaleb wrote to FOAM, explaining that "Like many others, I often bring my two-year-old grandson to the Arcata Marsh. He always wants to stop at the Interpretive Center after our walks. Unfortunately, I've noticed that there is very little in the Exhibition Hall scaled to his age group and size." She spoke to City naturalist Gretchen O'Brien, who had several ideas about what younger children might need and enjoy. So, Stephanie made a \$1000 donation to help with the creation of a toddler-friendly area. Any leftover money could be used to "refresh or replace some of the existing exhibits." She closed her letter with "Teaching our children an early appreciation of nature and the environment would seem to be extremely compatible with FOAM's objectives. I hope you agree." FOAM *does* agree, and Gretchen has been busy researching and ordering products. Thank you, Stephanie!

Wastewater (continued from page 3)

Residents will pay for some part of that through higher water-sewage bills. They have already been raised some and will keep going up until the minimum reaches \$90 a month in 3-4 years. The upgraded plant will have a life expectancy of 20-25 years. After that, the entire operation will have to be relocated to a higher new location because of rising seawater.

Blue Frogs, which aerate, grind and digest strips of vegetation in the ponds, are part of the new technology. They are already being tested successfully. Another very expensive upgrade is the oxidation ditch. The one planned is designed to be higher than sea level rise. It is a perfect environment for bacteria to break down the waste. However, it is an intensive user of electricity, which the past wastewater treatment operation has kept to a minimum. Giant solar panels will be installed to supply needed power.

Our Marsh treatment system has a big drawback: it uses chlorine, a poison, to purify water. That will be changed to ultraviolet light (UV) disinfection, where the water flows through a grid of lights. This step will occur before the water goes to the enhancement marshes. The water will then flow into the Brackish Pond. The City is waiting for the State to write the next permit.

Mosses & Ferns: The First Plants

By Jane Wilson

Elliott Dabill has been a searcher of natural history stories all his life. And you can tell it because he is a riveting storyteller. He can make an audience sit on the edge of their seats, not with a whodunnit mystery but with an evolution story about mosses and ferns.

Charophytes are algae, rooted in mud, which gave gifts to land plants that evolved later. They are the beginning of Elliott's story. Charophytes and spirogyra (water silk) grow in water. Mosses and ferns (including horsetails) grow on land but

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2016/17 FOAM Annual Report (Issued 9/24/17)

Tours: Some 15,275 adults and children visited the Arcata Marsh Interpretive Center between September 2016 and August 2017, up 1,083 from the previous 12-month period. Some participated in the weekly 2 pm tours and monthly “Slower-Speed” tours offered rain or shine by FOAM docents. FOAM also provided docents for 42 special-request group tours (with 1,033 participants).

Education: FOAM presented its third Arcata Marsh Bird of the Year Awards at its September 25 Annual Meeting. The winner was Mountain Chickadee, discovered by Tristan McKee. Two honorable mentions were given out: Black Oystercatcher, found by Rob Fowler, and Red-breasted Sapsucker, spotted by Alan Peterson.

FOAM’s free lecture series, coordinated by Jane Wilson, continued, with presentations by John DeMartini on gall formers (two parts), Philip Johnston on weasels and on mountain lions, Mike Cipra on land trust protection of working landscapes, Mary Ann Madej on stream and tidal channels, Craig Benson on watershed rehabilitation, Alan Peterson on Arcata Marsh dusk wildlife, Pete Haggard on coastal spring flowers and pollinators, Michael Furniss on sea level rise, Dane St George on barn owls, and Elliott Dabill on mosses and ferns.

Using information from Rob Fowler and David Fix, Sue Leskiw updated FOAM’s Arcata Marsh Bird Checklist sold at the Interpretive Center.

In January, the Humboldt Library Foundation created and distributed free bookmarks featuring three winners from the 2017 Student Bird Art Contest, to raise money for the children’s nonfiction collection.

In March, for the 12th year, FOAM funded awards at the Humboldt County Science Fair. A \$50 prize for the best project related to wetlands went to “Living shorelines to mitigate sea level rise” by Zoie Andre, an 8th-grader at Sunny Brae Middle School. A \$25 second prize was awarded to Sophia Thoele, an 8th-grader at Jacoby Creek School, for her research “Is dune movement affected by drought?”

Public Events: In September, a silent auction, mainly of artwork donated by Jane Wilson, raised \$289 for FOAM at its annual meeting.

In October, FOAM again sponsored a square at Pastels on the Plaza, featuring a rendering of the FOAM logo by Melanie Dabill. Also in October, FOAM hosted three cyclists from France and Switzerland who were journeying from British Columbia to Argentina. George Ziminsky and Katy Allen took them on a special tour of the Marsh and gave them a requested opportunity to pull invasive plants.

In November, Jenny Hanson and Barbara Reisman (with bird ID help from Tom Leskiw) led FOAM’s 17th Thanksgiving Day morning “leg stretcher,” attended by 20 people.

In February, volunteers tabled on behalf of FOAM at the HSU Career Expo & Volunteer Fair.

In March, FOAM again cosponsored the 5th annual Take a Child Outside (TACO) Day at the AMWS, a free festival of fun outdoor and indoor play. Despite a driving rain, over 150 kids, their caregivers, and teachers attended. Elliott Dabill led groups out onto the floating dock for silent bird watches, while Katy Allen, Sue Leskiw, and Mary Ann Madej staffed an indoor table where kids decorated clay Marsh critters. Gretchen and Alex O’Brien demonstrated the new wetlands model purchased by FOAM.

In partnership with Redwood Region Audubon Society, FOAM sponsored the 14th Student Bird Art Contest at Godwit Days. Some 819 entries were received from grades K12 throughout Humboldt County. Forty-one cash prizes and 33 honorable mentions were awarded at Godwit Days in April.

In April, FOAM continued its participation in the Godwit Days Spring Migration Bird Festival. Approximately 50 children plus their parents took part in FOAM’s free family nature activities coordinated by Sue Leskiw. The kids made clay bird ornaments, paper bird hats, peace dove handprints, rock owls, oyster shell refrigerator magnets, and bird calls and hangers. A children’s bird walk at the Marsh was led by Katy Allen, while David Couch and George Ziminsky led a combo bird walk/wastewater treatment plant tour. FOAM volunteers staffed a table in the vendor area, coordinated by Sue Leskiw, and hung bird art entries.

(continued on p. 6)

In July, David Couch led a special wastewater treatment plant tour attended by 18 people.

In August, volunteers tabled on behalf of FOAM at the HSU Volunteer Fair. Also in August, FOAM received a \$1,000 donation to underwrite the creation of a toddler-friendly area at the Interpretive Center and to repair or replace existing exhibits.

Marsh and Wildlife Through the Eyes of Local Artists: Since December 1998, FOAM has sponsored art and photography shows at the Interpretive Center that are representative of the scenery, plants, birds, and animals that inhabit the Marsh and Humboldt Bay. This past year, Ken Burton, Paula Golightly, Alan Peterson, Roberta “Berti” Welty, Melissa Lawson Zielinski of Mill Creek Glass, and Student Bird Art Contest winners were featured. Alex Stillman scheduled and help hang most of the bimonthly shows.

Publicity & Communication: We would like to thank newspapers, radio, and TV stations for helping us get the message out about our weekly tours, monthly art exhibits and lectures, and other special events at the Marsh. FOAM continues to publish its quarterly newsletter, UPWIND.

In February, FOAM volunteers “of a certain age” starred in a video coordinated by the Retired Senior Volunteer Program that aired on KIEM from mid-March through April, to recruit more community volunteers.

City Relations: In February (twice), March (willow planting), and September (United Way Day of Caring), FOAM co-sponsored invasive plant work days at the Marsh.

FOAM sent a letter of support for a City of Arcata brownfield assessment grant for the Little Lake property on South I Street adjoining the AMWS.

Using some proceeds from its Capital Campaign, FOAM bought a new projection system for AMIC.

FOAM purchased a wetlands model and case for the Interpretive Center.

FOAM bought a new DogiPot bag dispenser/trash can unit, plus replacement parts for an existing unit.

FOAM and several donors purchased a comfy chair for the Darlene Marlow Memorial Reading Area at the Interpretive Center.

FOAM underwrote half the cost of reprinting the Butcher’s Slough Interpretive Trail brochure.

FOAM funded two “Volunteer of the Year” awards, presented to Pam Brown and Barbara Reisman.

FOAM had a recycled cotton logo tote bag manufactured to sell in the bookstore.

Michael Winkler replaced Susan Ornelas as FOAM’s representative to the Arcata City Council.

Membership: As of August 31, FOAM had 164 members, 80 of which were Life Members and 4 were Honorary Life Members. [NOTE: Three Life Members are deceased and 11 have an undeliverable address.]

Fiscal Accounts: As of August 31, FOAM had a checking account balance of 38,707.56. [NOTE: \$10,548.90 of that amount is earmarked for the Marsh amphitheater.] FOAM also has \$11,833.63 in a fund set up at the Humboldt Area Foundation (HAF).

Expenditures totaled \$11,064.96 and revenues totaled \$10,222.68. The largest expenditures incurred in the past year were \$2,446.10 for the new projector [from Capital Campaign funds], \$1,331 for insurance, and \$1,103.74 for the wetlands model and case. Revenue sources were membership dues (\$3,493), donations (\$4,521.44), merchandise sales (\$1,138.84), reimbursements (\$780.40), and Silent Auction proceeds (\$289). FOAM also earned \$1,632.93 in interest/dividends/capital gains on its HAF Fund between 7/1/16 and 6/30/17 (minus management fees of \$202.70).

Board of Directors: Seven current Board Members (Katy Allen, Stan Binnie, David Couch, Elliott Dabill, Cindy Kuttner, Alex Stillman, and Jane Wilson) will be continuing, while Bill Prescott is running to confirm his appointment.

— Elliott Dabill, *President*

need water to reproduce, to allow the sperm to swim to the egg. Rain will suffice. Mosses evolved 500 million years ago.

The mosses you see are bryophyte gametophytes. Hornworts and liverworts are also bryophytes. Mosses have a love affair with water. They soak up available water into every tiny space until they open their whole beings to the light and can then produce their food through photosynthesis. When there is no water, they completely dry out until the next water comes along, opening them up again. Not only do they dry out but all the wildlife that lives in their moss jungle also dries out. Microscopic water bears and rotifers swell up and go about their lives when the water comes back. Springtails also live in and munch on moss and are preyed on by mites, which attach to the springtails and suck them dry. No place is safe.

Different species of moss are picky about where they want to live. On a big rock, you'll find some in the shade, some in the sun, some in the valleys of crevices, and some on slightly different substrate. Mosses have very little nutrition but enough for banana slugs. Bears eat moss at the end of summer to stop up their anuses so they can sleep soundly and not foul their homes.

Ferns, the first plants to have vascular tissue, evolved 360 million years ago. The ferns you see are sporophytes. They have a pinnate structure, like a feather. Sword ferns and deer ferns are one time pinnate, only split one time from the central stem. Bracken ferns and lady ferns are 2 to 3 times pinnate, splitting off 2-3 times. Bracken fern, though reputed to be edible, can cause stomach cancer. In this area bracken is particularly toxic with hydrogen cyanide and a hormone that causes vitamin B deficiency.

Horsetails are classified by some as ferns. Their stems are hollow, made of leaves that are vertical.

Ferns' spores are found on sorae. So be careful when you look at the back of a fern: you might get "sore eyes."



NOVEMBER-DECEMBER ARTIST PAUL RICKARD

"Watercolors of Arcata Marsh"

I love the Marsh. I share its moods, sniff its tides, and find resiliency day by day as I walk the paths in the best and worst of times. The Marsh is a friend and reminds me of what was, what is and what can be. I'm glad I can share it with many kindred spirits: some furry, others feathered, some seen, but the most unseen. I'm glad for the mystery of that.

Then, there's the dark pines. Songs and poetry have been written about dark pines. I see them reflected in the ponds and as sentinels to the wind. There is much in the forms of the Marsh that make the mundane magnificent.

I do art every day. Doing art for me is like reaching in a mystery bag; you never know what you'll bring out. For those of us who love the Marsh, I offer my latest work to celebrate this community treasure.

Please attend my opening reception November 12 from 1-4 pm, as well as participate in a "Community Paint-out" I'm organizing at the Marsh that morning. I can be reached at www.Paulrickard.net, nrickard@gmail.com, or 822-1352.

Visitor Log

AMIC saw 1752 visitors in August and 1407 in September.



Calendar of Events

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

October—Bird photographs by Joan Sikkens

October 20—Natural wastewater treatment lecture by Bob Gearheart, 7:30 pm (see p. 1)

October 21—Invasive plant removal workday, 9 am (see p. 1)

November/December—Marsh landscape paintings by Paul Rickard
November 9—FOAM Board Meeting, 6:30-8 pm

November 12—Artist reception, 1-4 pm, and Community Paint-Out, time TBD

November 17—Biology of Humboldt Bay fishes lecture by Ron Fritzsche, 7:30 pm (see p. 1)

November 23—Thanksgiving Morning Ramble, 10 am (see p. 3)

December 14—FOAM Board Meeting, 6:30-8 pm

December 15—Riparian habitat lecture by Gordon Leppig, 7:30 pm (see p. 1)

January/February—Paintings by Carlos Salas

January 11—FOAM Board Meeting, 6:30-8 pm

January 19—Blue Lake Rancheria technology lecture by David Narum, 7:30 pm (see p. 1)

Thanks to Our Supporters, August-September 2017

- » **New Life Members:** Mary Lou & Alan Lowry
- » **Best Friends** (\$100+): John & Julia DeMartini; Don Staudenmaier
- » **Sponsors** (\$50-99): Anne Merryfield; Bob Peck; Berti Welty & Jo Weisgerber
- » **Friends** (\$18-49): Margaret & Paul Abels; Stan Binnie & Kim Tays; Thomas & Julie Cairns; Karen Cunningham (Coos Bay); Betsy Elkinton; Cindy Kuttner; David Ledger (Redding); James Lennon; Keith Mobbs (Brisbane); Barbara Reisman
- » **Donations:** Stephanie McCaleb (\$1000; see article, p. 4); Milt Boyd (\$200); Barbara Barratt (\$100); Thea Gast (\$100, "It will be interesting to see what changes will be brought about when the trail is opened in October"); Richard & Carol Laursen (Carmichael, \$100, "We enjoy getting UPWIND with its newsy contents... You all do such good things"); Frances Madrone (\$60); \$146 AMIC donation box

FOAM
Friends of the Arcata Marsh
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ADDRESS SERVICE REQUESTED

Mark Your Calendar for:

Natural Wastewater Treatment Lecture, Oct. 20

Invasive Plant Removal Workday, Oct. 21

Humboldt Bay Fishes Lecture, Nov. 17

Thanksgiving Morning Walk, Nov. 23

Riparian Habitat Lecture, Dec. 15

Blue Lake Rancheria Tech Lecture, Jan. 19

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

www.arcatamarshfriends.org

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

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.