

# Wild at Heart

#### YEAR END NEWSLETTER 2019

#### **Dear Friends**,

It's been a busy year for ROEP, as we initiated a new research project to help us improve our otter abundance counts and inform toxic spill response and resource management decisions; disseminated CDFW's brand new California river otter range map (thank you, Otter Spotters!), and expanded our Hands On High School program to more than double our reach over last year. We have lots to be joyous about.

During this cheerful season, I want to relate a much more personal story, one that brought great satisfaction to me and the ROEP crew.

12-year-old Panama Landes wrote me saying she wanted to donate birthday money to support our work, but was torn about whether to send money or order one of our Adopt an Otter gift

packages. Her concern was how much we might have to pay for the gifts, whether they were sustainably made, and how we could raise money by gift packages. I responded with a letter answering those questions and explaining that it's important for people to have fun when they support their favorite causes, and how small items can both remind us of our passions and help share them with friends. I finished up with a little about the realities of financing a nonprofit. Pretty soon, Panama responded:



An otter mom and her pup pause on a rocky shoreline. Photo by Talia Rose

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Panama tossed a couple of minnows to the otters in their den. One came out and she snapped this photo of the otter snapping up the minnow! Photo by Panama Landes

Thank you so much for this detailed answer! I will definitely be supporting your organization. I wish I could come and volunteer at your non-profit but I live in Tennessee: \ I was very surprised and happy that most of your gifts are either donated or at a low cost to you. I also think it is really cool that you hand painted the original cards. Your story about the little pika was so cool and now makes me want to help them too:)

I wanted to tell a cool experience that me and my dad recently had with two otters; a few weeks ago we were out in our kayak in a relatively small lake with a branching off river, when I thought I saw a little pair of eyes on the opposite shore. I told my dad I thought I saw otters, and with otters being his favorite/spirit animal he was very excited! I hurried him to paddle over as we reeled in our fishing lines. When we got close to the shore we saw two otters looking at us! We followed them around for about three minutes, knowing where they were under water because of their air bubbles. We frequently made eye contact as they would stop and study us, they were young otters, presumably siblings. They made their way into their den, which was a group of huge rocks making a dark but partially open shelter with a big crack where the otters could jump into the water. One otter was noticeable more shy and stayed in the dark corner as the other one cautiously poked his head out looking at us.

We threw them a couple of our live minnows and urged them to come out and say "Hi", which the brave one did =) Later as we left we saw one of them walking along the shore and waved goodbye. I think that me and my dad both made a connection with the otters! It was a really special moment I don't think I'll ever forget.

I included some pictures that I took!

#### Panama Landes

We were all very touched by Panama's writing, observations, and caring for nature, and her curiosity about how we support ourselves in this world of conservation nonprofits. It's hopeful to see young people from everywhere asking questions and becoming deeply involved in the most important issue of their future: the health of the planet. Observing the young forging ahead despite enormous barriers renews our sense of personal responsibility. We are dedicated to continuing and improving upon our conservation successes, and to bringing every bit of education, experience, wisdom and determination to bear and support young people like Panama.

Wishing you the very best for renewal of hope, strength, and continued conservation success in 2020.

Megan Jeadore

Megan Isadore, Co-founder and Executive Director



## It was a very good year for... OUTREACH AND EDUCATION

Right: 8 sites, careful sampling for DNA analysis, 12 volunteers...with Brenden Collett-Grether (seated, top right) coordinating the interns and keeping us on track.

Below left: We loved joining the West Marin School for their annual Science Fair! Younger students colored masks and hats, and older students learned how we study otter scat (poop) to discover what they eat!





Our outreach and education programs, including presentations, environmental information events and school programs reached more than 19,000 people all over the Bay Area. We taught, we showed, we colored with the little ones, and we increased our friends and supporters.

We held 4 volunteer training courses for 15 people, including those who learned new field techniques for our new project, Pixels v. Nucleotides.

# kid you

current events to the math that students



# It was a very good year for... **ACCOMPLISHMENTS**

We completed a prey study that provides a baseline for the river otters who inhabit the Point Reyes National Seashore and the Peyton Slough Wetlands Complex in Martinez. <u>Take a look</u> at what we found.

We analyzed monitoring data from 2012 through 2016, producing a population trends model to estimate population growth rates and monitor changes over time. Paper out next year!



A large group of seven otters, most likely a social group of males. Photo by Fascination Wildlife



Our Informatics Department, Terence Carroll on our first outing with the underwater drone granted to us by National Geographic's SEE Initiative.

You can see all our research results and technical reports right here on our website. Our most recent report on what river otters are eating and when is eye-opening!

We monitored 225km shore, lake, bay and river in Marin County using noninvasive camera trapping and scat collection methods for the 8th consecutive year. Data is being used by agencies and resource managers to support best practices and plan for restorations, spills and wildlife management.



Our Most Fun Photo of 2019: Otter Spotter Bill Barret captured a rare confrontation between a bald eagle and a river otter.



# It was a very good year for... **RESEARCH PARTNERSHIPS**

We received initial results from our partnership with Wild Otter Acoustics. Marin coastal otters are more vocal and exhibit more kinds of vocalizations than do East Coast otters. More to come! We Continued our partnership with The Marine Mammal Center for bacterial studies relating to both otter and human health. We continued to work with the California Department of Fish & Wildlife's lab to discover more about otter health issues from deceased otters found by our Otter Spotters.



Otter fur can look very gray, even black, when wet... but fluffy and brown when they're dry. Above left, photo by Peter Davis. Above right, photo by Carlos Porrata







You helped us reach a grand total of 3,332 Otter Spotter reports!

## It was a very good year for... **GROWTH AND OPPORTUNITY**



A big part of otters' charm is their apparent joy in life. This otter gallops along the shoreline seeming delighted with everything. Photo by Karen James



Lagunitas Brewing Company is always ready to support us in ways small and large. Our small and intimate fundraiser in their Brewers Loft was great fun!



Interns Dahlia Siegel-Zigmund and Erin Barto crossed and recrossed Marin all summer doing fieldwork for our project. We are delighted with our high school and college interns.

We are looking for two or three motivated, detail-oriented and responsible interns to join us during June through October (some leeway may be acceptable for college interns). Intern work includes field surveys, camera trapping, sample collection, and outreach events. If interested, please *apply on our website*.

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**Join us** by supporting our work to protect otters and our shared watersheds.

The River Otter Ecology Project
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www.riverotterecology.org
Facebook
Instagram @riverotterecology

River Otter Ecology Project is a tiny nonprofit organization, with only one full time and one part-time paid employee. Everyone else is a highly-trained, dedicated and generous volunteer. We are indebted beyond reason to our volunteers, we value and appreciate them. And we celebrate them!

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#### IN APPRECIATION

#### **Special Thanks**

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Robert DeLeo
Jacqueline Jones
Mia Monroe
Mirav Ben David
Carlos Rios
Ramon Townsend

Wendy Sparks and Jeff Torquemada

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<u>Please join us</u> by supporting our work for otters and our shared watersheds. We can't do it without you, and we thank you!

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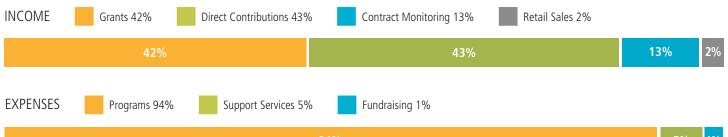
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