



The Batiquitos Lagoon Foundation (BLF)

The Great Egret

Volume 28 February 2020

Long-Awaited Batiquitos Lagoon Dredge Completed

Contractors Turn to Distributing the Dredged Sand Along Ponto Beach

This fall, California Department of Fish and Wildlife (CDFW) awarded a contract to Curtin Maritime, Inc. of Long Beach for maintenance dredging of the Batiquitos Lagoon Ecological Reserve (BLER). Curtin Maritime is a very experienced company with many projects throughout California and Central America. They also operate a fleet of various types of towing, barge and marine vessels, which do work supporting the U.S. Navy and others.

The dredge project was focused on the lagoon's central and western basins, and included the removal of between 100,000 and 118,000 cubic yards of accumulated sand. Removing the large sand caps that are visible in the central and western basins should dramatically improve the lagoon's tidal flushing, which is expected to result in naturally *sucking* sand from other lagoon areas towards the east during daily tidal action.

The dredging itself has been completed and the equipment is being disassembled. Most of this sand is beach-quality and was piped to the beach from the dredge and placed on the South Carlsbad State Beach. Once the water is drained from the sand, it will be spread on the beach south of the lagoon jetty. The volleyball courts should soon be restored and open to the public. Curtin Maritime's target was to create a channel through the sand cap at least four feet deep. A final project report will follow to document the results of the dredge project. We will summarize that report in a future newsletter following its release.

The dredge was assembled on the CDFW E1 Least Tern nesting site — the sandy area near the intersection of La Costa Avenue and I-5. A barge carrying the dredge was towed under the I-5 bridge into the lagoon's central basin. Piping was floated from the dredge under the North County Transit District's railroad bridge to the beach. The dredge operated from early morning until around 9:00 pm daily. Service boats shuttled workers and equipment between the dredge and the E1 nesting site.

—Fred C. Sandquist, BLF president



Top: The dredge and sand deposit sites. **Middle:** The dredge equipment being assembled in November. **Above:** A contractor moving the new beach sand into place in January. **Left:** Birds enjoying a temporary lake area by Ponto Beach.

Photo credits: Middle picture by Fred Sandquist, others by Elizabeth Douglass.

About the
Batiquitos Lagoon Nature Center

Nature Center: (760) 931-0800

Nature Center Location (Not Mailing Address):

7380 Gabbiano Lane
Carlsbad, CA 92011

Nature Center Hours of Operation:

M-F: 9:00 a.m. - 3:00 p.m.*
Sat-Sun: 9:00 a.m. - 3:00 p.m.*

*Hours are subject to volunteer availability.
If you plan to visit the Nature Center, please call ahead to verify that day's hours.

About the
Batiquitos Lagoon Foundation

NEW mailing address:

P.O. Box 131741
Carlsbad, CA 92013-1741

Website: www.batiquitoslagoon.org

Email: info@batiquitosfoundation.org

Board of Directors & Officers
(board terms in parentheses)

Fred C. Sandquist - President (2019-2022)
Deborah A. Mossa - Vice President (2019-2022)
Elizabeth (Liz) Douglass - Secretary (2017-2020)
Kevin Kienast - Treasurer (2018-2021)
David Hill (2017-2020)
Sterling Johnson (2018-2021)
William McGee (2019-2022)
Lance Schulte (2017-2020)
(Vacant) (2018-2021)
Don Connors (Honorary - Non-voting)

Administrative Assistant - Paula Kirpalani

Volunteering

Deb Mossa, board VP and volunteer coordinator
Contact: volunteer@batiquitosfoundation.org

Newsletter

Elizabeth Douglass, editor
Contact: newsletter@batiquitosfoundation.org

Other Numbers

City of Carlsbad Police Department:

Emergency: 911
Non-emergency: (760) 931-2197
Watch Commander: (760) 937-2115

Calif. Dept. of Fish & Wildlife:

Regional Office: (858) 467-4201
CALTIPS: (888) 334-2258

King Tide Event

BLF & Preserve Calavera Sponsor Event to Document Changes, Track flood Risk & More

Representatives from BLF, Preserve Calavera and the California Department of Parks and Recreation gathered at Ponto Beach to encourage attendees and the public to take photos of the king tide and share them with the King Tides Project, which is tracking changes in the tides over time. All three groups had displays and materials to talk to the public about climate change, ocean life and other issues.



Top: Volunteers from BLF and Preserve Calavera talk tides and water issues. **Middle:** Sandy Tolzda from the state Department of Parks and Recreation explains king tides and takes questions. **Bottom:** Volunteers document the king tide.

Photos by Elizabeth Douglass.

From the Desk of the President...



First, on behalf of the BLF, I hope your holiday season was most enjoyable and provided you with joy in celebrating 2019 and ringing in the new year with family and friends! As we finished 2019, we were amazed with what we accomplished. As we begin 2020, we are excited about what the new year will bring! Through hard work and dedication from our members and volunteers, we accomplished a lot, setting the bar very high for 2020!

One key event in 2019 was that the lagoon dredge got underway. This should have a big impact on the tidal prism and enhance the health of the lagoon. With a very reputable dredge contractor, this dredge is being well-executed and is providing much needed beach-quality sand for South Carlsbad State Beach.

Our 14th Annual Batiquitos Lagoon Kayak Cleanup & Fundraising event was held Saturday and Sunday, Nov. 2-3, 2019, and was again a success. While the dredge presented us with a number of challenges, we provided another event that the public really enjoyed. As with last year, we worked in partnership with Wild-coast and Project Outreach, and provided 23 young under-served students from the Chula Vista area with the opportunity to kayak on the lagoon. None of the students had kayaked on a lagoon before. We removed over 1,000 pounds of trash from the lagoon during our two-day event!

Our Fall and Winter Speaker's Series saw a large increase in interest and attendance, and our Spring public talks are expected to continue that trend! Thanks, Liz Paegel and Deb Mossa for making the program such a success.

We hosted more than 739 school children and had more than 25,122 visitors stop by our nature center **in fiscal year 2018-19**. That represented a nearly 17% increase over the previous year, and we are off to a big increase this year, especially during the holiday period. Our trail system was ranked among the best in the county, again thanks to our restoration and trail maintenance volunteers!

Other programs of note include our water quality testing program and our dedicated birders who conduct our monthly bird counts.

If your schedule permits, we would welcome you joining the Batiquitos Lagoon Foundation family! Help us continue to provide world-class service to the community and continue to grow – it can be a very rewarding experience.

—Fred C. Sandquist, BLF president



Above: A school event at the BLF Nature Center in January 2020.

Photo by Fred Sandquist.

We Need Your Help!

As with any *all volunteer* organization, the BLF depends on volunteers to fill key foundation positions in support of our programs and operations. We are especially interested in finding volunteers for the key positions listed below. If you're interested volunteering, please stop by the Nature Center and fill out a volunteer application form.

- Nature Center Hosts
- Docents
- Webmaster/Electronic Media
- Fundraising/Marketing
- Educational & Marketing Materials Maintenance
- Publicity
- Restoration/Trail Maintenance
- Grant Writers

Special Thanks...

...to some of our key partners for supporting the Batiquitos Lagoon Foundation by providing direct financial support, discounts, critical services, support, and products.

- Four Seasons Residence Club Aviara*
- Hunter Industries*
- San Diego Association of Governments (SANDAG)*
- Malk Nature Fund*
- City of Carlsbad*
- California Coastal Commission*
- Aviara Master Assoc. & Aviara Community*
- Weyerhaeuser Inc*
- AgriService Inc.*
- Waste Management*
- Park Hyatt Aviara*
- Leucadia Wastewater District (LWD)*
- REI Outdoor School, San Diego, REI - Encinitas*
- Breg, Inc.*
- Anderson's La Costa Nursery*
- Thermo Fisher Scientific*
- Tree of Life Nursery*
- 2nd Street Printing*
- Callaway Golf*
- San Diego Horticultural Society*
- Palomar Investigative Group, Inc.*
- National Rental*
- Sunbelt Rentals*
- California Department of Fish & Wildlife*
- California Coastal Conservancy*
- Louise Julig Writing & Editing*
- HomeLife Village Realtors*
- Archer Johnson Foundation*
- Kinane Events*
- The Coastal Community Foundation*
- Marstel-Day LLC [conservation consulting]*
- LinkSoul*
- North County Advocates*
- Living Coast Discovery Center*
- Sky Hunters*
- Earth Island Institute*
- Wildcoast*
- Marine Life Coalition*

Carlsbad Lagoon Groups Form Water Monitoring Cooperative

Batiquitos Lagoon has been monitoring the health of our watershed for over 10 years in conjunction with the San Diego Coastkeeper, but their monitoring funding ran out last year.

Fortunately, Preserve Calavera has taken the lead to continue testing the three Carlsbad lagoons: Buena Vista, Agua Hedionda and Batiquitos. Our new organization is called: The North San Diego County Water Quality Program (see logo below).

We have all agreed to equally pay the costs of supplying and maintaining equipment and supplies, and also the cost of creating and maintaining our centrally located Carlsbad laboratory. We are an all-volunteer organization. We are fortunate and very appreciative of a generous grant from IDEX Foundation and for the generous support of individual donors.

We are equally appreciative of the time and assistance of the State Water Board and the San Diego Regional Water Quality Control Board for their protocol training, equipment loans and help with the many complicated items necessary to set up our laboratory. We will be sharing our data with them. In fact, our data is available to all by accessing Preserve Calavera, clicking on water monitoring and following the prompts. We are in our third month of operation now.

Each lagoon has supplied a team of new and experienced volunteers. All have received up-to-date training in field and lab protocols.

—Jim Brown, recently retired BLF board member



Top (left to right): Some of the people behind the project, Paige DeCino (Preserve Calavera), Mary Anne Viney (Agua Hedionda Watershed), BLF President Fred Sandquist & retired BLF Board Member Jim Brown. **Above-left:** The logo for the new group. **Above-middle (left to right):** A volunteer checks the water depth while Batiquitos Monitoring Team members Karen Wytmans and Andrea Dunning collect samples and conduct water tests. **Above-right:** Andrea Dunning examines a water sample. Photos by Janelle Cannon.

BLF Still Monitoring Polluted Outflows From Lake San Marcos

Right: Karen Wytmans, who manages the lab for the new water testing group, takes a sample from San Marcos Creek, which feeds into Batiquitos Lagoon.

Middle: Water rushing over the Lake San Marcos dam on Dec. 24.

Far right: The valve at the bottom of the dam remains closed as required — a sign that the BLF complaints are finally being heard.

Photos by Jim Brown.



“Nearly one-third of the wild birds in the United States and Canada have vanished since 1970, a staggering loss that suggests the very fabric of North America’s ecosystem is unraveling.”

— *The New York Times*, Sept. 19, 2019.

Batiquitos Lagoon Bird Counts Show Good News and Bad News

Common Birds Stable, a Few Species Rise, but Savanna Sparrow & Least Terns Plummet

By now, we have all heard the bad news from the ornithologists whose research was published last year in the journal *Science*. I had a feeling we were seeing far fewer birds today than nine years ago at Batiquitos Lagoon, but I wanted to test that conclusion. I wanted to check the status of some of our birds at the lagoon, especially those considered endangered, threatened or “of special concern.” We included in the study a few of our other more common birds as controls.

We used 2011-2019 data from the bird counts volunteers conduct every month at Batiquitos Lagoon. Bird counts have been active for much longer than that, but to make sure the methodology was consistent, I limited the data to that compiled by Mike Gollong and his bird count team on eBird.com. I added up all the monthly data for each year and for each species studied to account for seasonal and migration variation.

The results were mixed. Here’s the good news. Our total number of bird species counted has varied little over the nine years (ranging from 127 to 147 species counted each year). For all the eBird.com data ever contributed by BLF members, visiting and local birders, the total number of species recorded at all Batiquitos Lagoon areas was 225! There have been 1,219 list submissions. This includes rarities seen only once or briefly, such as a Bald Eagle, a Yellow-billed Cuckoo, a Swamp Sparrow, and many others.

The trend line over the nine years was narrow or flat for our more common species such as the Wrenit, House Finch, Bufflehead, Anna’s Hummingbird, Black-bellied Plover and (unfortunately) the Brown-headed Cowbird. The data also look stable for the threatened California Gnatcatcher and once-endangered Brown Pelican. There were gradual increases in the numbers of American Kestrels, Peregrine Falcons and Great Egrets counted over the nine years.

For other birds of concern, over the nine years we have seen just two Least Bell’s Vireo and one Bank Swallow. California Ridgeway’s Rail (formerly called Clapper Rail) were seen or heard a total of 105 times in those nine years.

Now for the bad news. The annual numbers for Savannah Sparrow, an estuary-loving bird (including the Belding’s subspecies), have dropped from a high of 27 in 2014 to only one in 2019. Least Tern numbers started at 393 for 2011, but fell to 77 in 2019. For the threatened Western Snowy Plover, the numbers were too low to draw any conclusions, but like other lagoon areas of San Diego they remain a big concern. Luckily, we have protected sand islands scattered near our lagoon so that the plovers and terns can make their nests, consisting of small indentations in the sand.

So what happened to decrease the numbers of these bird species? Was it predation, too many visitors, drought, disease, climate change, or some other cause? While the data doesn’t necessarily indicate a looming catastrophe, there is still cause for concern—and a need to increase our vigilance in saving habitat and protecting our environment.

The BLF monthly bird counts are held on the second Friday of the month. Meet at the Gabbiano Lane parking area at 7:30 AM. By the way, here’s an ‘atta-boy/girl’ to all those who trek out to count in the cold and heat at 7:30 AM, month after month, year after year!

—Kathy Dickey, BLF docent



At Batiquitos Lagoon, the monthly count of Peregrine Falcons (*top*) gradually rose, but the endangered California Least Terns (*above*) plummeted to just 77 in 2019, down from 393 in 2011.

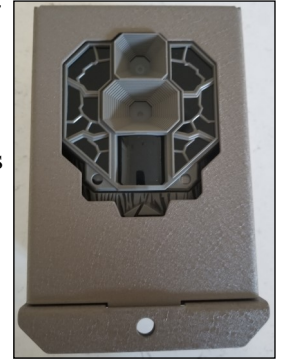
Top photo by Ryan Hagerty, U.S. Fish & Wildlife Service Digital Library System. Bottom photo by Becky Matsubara via Flickr.

Attend a Batiquitos Bird Walk & Talk – 10 a.m. on Feb. 8 at the BLF Nature Center!

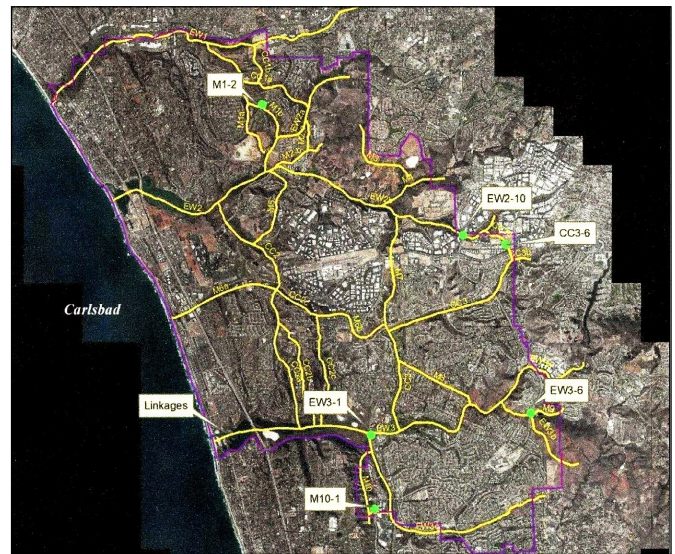
BLF Teams With School to Collect Data Using Wildlife Cameras

The BLF is partnering with The Pacific Ridge School students and faculty members Dr. Jen Pashkow (Science) and Hunter Pashkow (Robotics & Arts) in an exciting project to study and document wildlife in Batiquitos Lagoons' wildlife corridors. The project goals are to identify the animals that routinely use the wildlife corridors, document where and when they are using them, and to learn how to innovatively use off-the-shelf technologies for data collection, interpretation and evaluation. Jen and Hunter's students (age 17 and older) will be supporting the project, using more than eight wildlife cameras provided by the BLF, plus some of their own. Viasat is providing technical assistance.

The initial deployment of cameras will focus on the North Shore Trail, Park Hyatt Aviara Golf Course area, and BLF's Cholla Point property east of Michael Murphy's property. The Encinitas Creek underpass is also planned to be studied as a key north-south corridor connection that provides access under La Costa Avenue between Encinitas and Carlsbad. The team plans to post key pictures to our website. One of the more tedious parts of the project is periodically retrieving the data, changing batteries, reviewing the many pictures and culling out those of interest for further study. Meta data (e.g., GPS latitude, longitude, date and time) is automatically associated and recorded with each picture. The cameras use low light infrared and can take pictures or video of any activity that triggers them — without using a flash.



The Carlsbad Wildlife corridors are pictured in the map to the right. Of particular interest will be studying the choke-points where wildlife must pass through, go over, or go under narrow barriers that pose dangers to them (e.g., the Park Hyatt Aviara Golf Course has a number of tunnels for golf carts under Aviara Parkway and Batiquitos Drive which we suspect are used by wildlife after dark). The team will be using Stealth Cam Model STC-DS4k cameras provided by the BLF and associated Bear Box and aircraft cable security devices to protect the cameras from damage or being stolen. Wildlife of particular interest include lagoon visitors such as coyotes, bobcats, fox, skunks, mule deer, and perhaps the occasional mountain lion.



We are excited about the project since it gives students a chance to learn more about nature and how technology can help us better understand our local wildlife. The data collected will be invaluable for our many wildlife agency partners. Look for more reporting in future newsletters and on our website.

—Fred C. Sandquist, BLF president

Top: One of the wildlife cameras being installed. **Above:** Map of Carlsbad's wildlife corridors. Top photo by Fred Sandquist.

City Sewer Line Work to Bring Heavy Equipment to the Trail

In late October, Western Tree Service performed tree trimming and removal services along portions of the lagoon's North Shore Trail. The work was required in preparation for inspection and maintenance work on the City of Carlsbad sewer line that runs along and adjacent to the trail. The sewer system runs roughly from near Interstate 5 to El Camino Real and includes the lift station near the BLF Nature Center. Under the first phase of the project — which is now completed — workers snaked a fiber optic video cable through the system to inspect the piping and manhole risers.

Phase two includes cleaning and repairing damaged segments. Because heavy equipment will be used, some areas of the trail required trees to be trimmed or removed. The BLF is collaborating with the City of Carlsbad, Aviara Master Association, Park Hyatt Aviara, and California Department of Fish and Wildlife on the project, and we will do our best to inform our trail users in advance of trail closures during the second phase. We will provide more information on the work schedule on our website, future newsletters, and at our nature center as it becomes available to help you adjust your schedules. We regret any inconvenience and thank you in advance for your understanding and cooperation.

—Fred C. Sandquist, BLF president

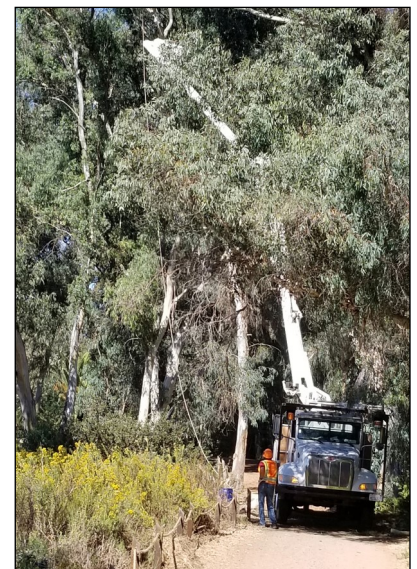


Photo by Fred Sandquist.

BLF Honors Volunteers, Retired Board Member Jim Brown

The BLF hosted a January celebration honoring its many volunteers and Jim Brown, who retired from the BLF board at the end of the year after a decade of distinguished service to the organization. BLF President Fred Sandquist presented Brown with a framed photo as a gift. The event, organized by BLF Vice President Deb Mossa and held at Rosati's pizza, was the first of several such gatherings planned for 2020.



Top-left: Volunteers and board members listen to the presentation to Jim Brown. **Top-right (L to R):** Renee Johnson, board member Sterling Johnson, and docent Doug Olson. **Center-left:** The happy group. **Center-right:** Retired board member Jim Brown. **Above-left:** BLF President Fred Sandquist presenting a gift to retired board member Jim Brown. **Above-right:** Former board member Jim Brown and BLF President Fred Sandquist. Photos by Miles McLeod.

Speakers: Snakes, “Mt. Whoville” Wildlife, Mountain Lions ...



In September, BLF hosted a return appearance by **Steve Bledsoe**, a local herpetologist who always wows the kids with his discussion of rattlesnakes and the many live snakes he brings along. This visit was no exception. Bledsoe attracted a full house for his second time at the BLF Nature Center.

Next up was **Ernie Cowan**, who writes a weekly interpretive column for the *San Diego Union-Tribune* called Mt. Whoville about his backyard north of Escondido. He says some visiting friends noted that the view from his mountaintop home made the city look like “Whoville,” and that is how he named his patch of outdoors — and his column. On a clear day he can see all the way to Mexico. From his home, he has the benefit of enjoying the presence of many animals without having to care for them, since they live in their natural habitat. Ernie & his wife Kati showed lovely slides of sunrise, sunset and moonrise from their property.



Nearby wildlife are attracted to the plants, especially butterflies and humming birds who land on their fingers. A little Allen’s Hummingbird greets Ernie every morning. At night coyotes come to drink from their water fountain. Snakes also come to visit from time to time, and Ernie has seen some drinking from the water fountain. A variety of seasonal bird visitors keep them entertained. The quail are their early morning alarm clock — at dawn, a male will put out the call and the rest of the quails will come to the feeder. They also have many raptor visitors courting and soaring, including Barn Owls, Great Horned Owls, American Kestrel, Cooper’s Hawk, and Red-tailed Hawks.

Ernie and Kati entertained the crowd and showed marvelous slides of nesting wrens from a camera mounted inside a bird house. The Cowans had a great view as a brood of seven chicks were hatched, raised and fledged. The crowd thoroughly enjoyed the presentation and we hope to have them both back again at Batiquitos.

Cathleen Chilcote Wallace made another popular visit to the BLF Nature Center as the featured speaker in November. She spoke about the Luiseno and Kumeyaay Native Americans who once lived at Batiquitos Lagoon. As always, she brought fascinating artifacts and told wonderful stories of how they lived by the lagoon.



In December, BLF hosted **Robin Parks**, a field representative for the Sacramento-based Mountain Lion Foundation. The audience was riveted by his slides and discussion that covered behaviors and myths about mountain lions. The animals, he noted are also known as cougars, pumas, catamounts, and panthers, but they are all the same animal! He gave tips for scaring away a mountain lion should you cross paths with one — Look big, make a lot of noise, back away slowly and/or spray them with water! Their numbers are shrinking steadily, as development takes away their habitat and curtails their range, which leads to harmful inbreeding. An adult male wants 200 square miles to roam, Parks said. He said the lions could be completely gone south of Los Angeles in 12 to 15 years.

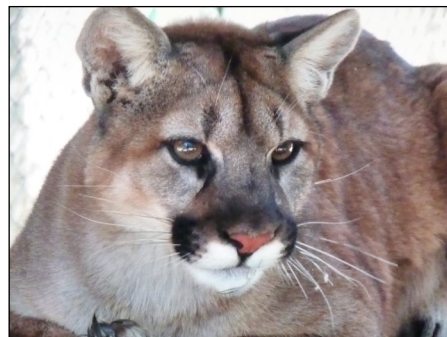


—*Deb Mossa, BLF vice president and Elizabeth Douglass, BLF secretary*

Top-left: Newspaper columnist Ernie Cowan tells backyard wild-life stories.

Bottom-left: Cowan and his hummingbirds. **Top-right:** Cathleen Chilcote Wallace and her artifacts display. BLF docent Don Rideout assists.

Middle-left: Robin Parks discusses mountain lions. **Bottom:** two slides from Parks’ presentation.



Adult lions can...

- ✿ jump vertically 22 feet
- ✿ leap horizontally 45 feet
- ✿ bound 16 feet carrying a deer
- ✿ run 50 mph in short sprints
- ✿ walk many miles at about 10 mph
- ✿ swim well
- ✿ sleep for up to 16 hours per day

Photo credits: Top-right photo by Fred Sandquist. All others by Elizabeth Douglass.

14th Kayak Cleanup & Fundraiser Was Another Fun Success

We had another successful event in November. We were able to put more tandems on the lagoon this time, and that enabled us to have younger participants riding with an adult. We recovered about a thousand pounds of trash. The 2019 event was a little more complicated because the lagoon dredging project was using our normal launch site. Participants had a longer walk and we needed a special vehicle to transport the kayakers to and from the new launch area. We had great weather and enjoyed all of the wildlife.

This year's event will be held in mid-October to take advantage of the tide. The event is BLF's largest fundraiser and it helps keep our wetlands clean. Batiquitos Lagoon is an Ecological Reserve, so this event represents the one time each year when we're permitted to have kayakers on the water. Thank you to sponsors Park Hyatt Aviara Resort, REI, Leucadia Wastewater District, OEX, and Wildcoast, and to all our volunteers and participants.

—Deb Mossa, BLF vice president



Top-left: Two kayakers return to shore. *Top-right:* Kids from Wildcoast's outreach program head out. *Above-left:* BLF Treasurer Kevin Kinast saved the day with a rented vehicle that could tow the kayakers. *Above-middle:* A happy kayaker. *Above-right:* Three kayakers just off the lagoon.

Photos by Jim Brown

Next Up in Our Speaker Series at the Nature Center

Batiquitos Birds!
10 a.m., Saturday, Feb. 8



BLF bird experts **Patti & Mike Gollong** invite you to join them on a birding walk to see migratory birds at Batiquitos.

* Bring binoculars for better viewing.

"Life & Death at the Lagoon"
10 a.m., Saturday March 14

Batiquitos expert **Don Rideout** discusses life and death at the lagoon. How do plants and animals survive out in this busy corner of Southern California? This is a trail walk that highlights survival of the fittest!

UPCOMING EVENTS

at the
BLF Nature Center*
7380 Gabbiano Lane
Carlsbad, CA 92011

February 2020

Sat., Feb. 8 - Free SPEAKER SERIES event, 10 a.m.: The topic is *Birds*, presented by long-time BLF docent Patti Gollong and Birder Mike Gollong. This is your chance see our many migratory birds visiting the lagoon. Following a talk, Patti and Mike will lead an easy trail walk to view our migratory birds. Bring binoculars for better viewing.

Fri., February 14 - Monthly Bird Count. 7:30 a.m. Meet at Gabbiano Lane Trailhead. Public welcome. Bring binoculars.

Sat., February 15 - Restoration & Trail Maintenance. 9 a.m., BLF Nature Center. Everyone Welcome.

Tue., February 18 - BLF Regular Board Meeting. 4:30 p.m. BLF Nature Center. Public Welcome.

Sun., February 23 – Solana Beach Presbyterian Church Day of Service Project at Batiquitos Lagoon Ecological Reserve, 12 p.m.

March 2020

Wed., March, 4 - Docent corps, Nature Center Hosts, & volunteers meeting, 3 p.m., BLF Nature Center. People interested in volunteering are also welcome!

Sat., March 7 - Restoration & Trail Maintenance. 9 a.m., BLF Nature Center. Everyone Welcome.

Sat., March 8 – Free SPEAKER SERIES, 10 a.m. The topic is “Life and Death at the Lagoon,” presented by long-time BLF docent Don Rideout. Don will explore the question of how plants and animals survive in this busy corner of Southern California. A trail walk on the survival of the fittest!

Fri., March 13- Monthly Bird Count. 7:30 a.m. Meet at Gabbiano Lane Trailhead. Public welcome. Bring binoculars.

Tue., March 17 - BLF Regular Board Meeting. 4:30 p.m. BLF Nature Center. Public Welcome.

Sat., March 21 - Restoration & Trail Maintenance. 9 a.m., BLF Nature Center. Everyone Welcome.

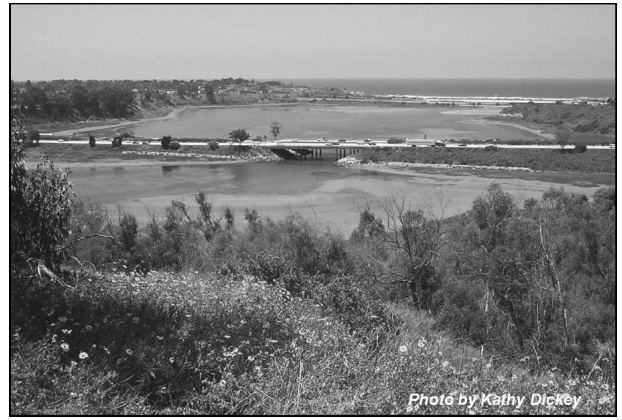
April 2020

Wed., April 1 - Docent corps, Nature Center hosts, & volunteers meeting, 3 p.m., BLF Nature Center. People interested in volunteering are also welcome!

Sat., April 4 - Restoration & Trail Maintenance. 9 am, BLF Nature Center. Everyone Welcome.

Fri., April 10 - Monthly Bird Count. 7:30 am. Meet at Gabbiano Lane Trailhead. Public welcome. Bring binoculars.

*** Unless otherwise noted, the location and/or meeting place for all events is the BLF Nature Center, 7380 Gabbiano Lane, Carlsbad, CA 92011.**



Sat., April 11 – Free SPEAKER SERIES event, 10 a.m.: The topic is “All about Eggs,” presented by longtime BLF docent Kathy Dickey for Family Day. Birds do it, bugs do it, fish do it ... Kathy will explore egg-laying creatures found in and the around the Nature Center.

Sat., April 18 - Restoration & Trail Maintenance. 9 a.m., BLF Nature Center. Everyone Welcome.

Tue., April 21 - BLF Regular Board Meeting. 4:30 p.m. BLF Nature Center. Public Welcome.

May 2020

Sat., May 2, 2020 - Restoration & Trail Maintenance. 9 am, BLF Nature Center. Everyone Welcome.

Wed., May 6, 2020 - Docent corps, Nature Center Hosts, & volunteers meeting, 3 pm, BLF Nature Center. People interested in volunteering are also welcome!

Fri., May 8, 2020 - Monthly Bird Count. 7:30 am. Meet at Gabbiano Lane Trailhead. Public welcome. Bring binoculars.

Sat., May 9, 2020 – Free SPEAKER SERIES event, 10 a.m.: The topic is “Hummingbirds,” presented by Marion Stacey. Watch a live release of rescued birds from the Hummingbird Center!

Sat., May 16, 2020 - Restoration & Trail Maintenance. 9 am, BLF Nature Center. Everyone Welcome.

Tue., May 19, 2020 - BLF Regular Board Meeting. 4:30 pm BLF Nature Center. Public Welcome.

Mon., May 25, 2020 Memorial Day. The Nature Center will be open 9 am – 3 pm, subject to availability of volunteer host.

Buy a Commemorative Brick!

- Proceeds help fund our educational programs, our Nature Center, and the preservation, restoration and maintenance of the lagoon trails and habitat.
- There are two sizes. A brick that's four inches by eight inches (4x8) costs \$55, and an 8x8 brick costs \$105.

For more information about the brick program, stop by the BLF Nature Center or visit our website at:

www.batiquitoslagoon.org



Batiquitos Lagoon Foundation Membership/Donation Form

*The foundation needs your financial support to continue its valuable work protecting Batiquitos Lagoon and its surrounding habitat
~ It's a precious resource for North County residents! ~*

Membership (check only one box) New Member Renewal Address Change
(If you prefer, you may join, renew or donate online at www.batiquitoslagoon.org)

Name _____ Phone _____

Street Address _____

City _____ State _____ ZIP _____ + _____

E-mail (optional) _____

Sponsorship Level (check one)

Annual Membership Dues (check one)

- Kestral \$250
- White Tailed Hawk \$500
- Red Tailed Hawk \$1,000
- Great Egret \$2,000
- Great Blue Heron \$3,000
- Osprey \$5,000
- Additional donation \$ _____

- Student/Senior Citizen \$20
- Individual \$25
- Family \$45
- Sponsor \$100
- Patron \$175
- Sustaining \$500

TOTAL AMOUNT (sum of all the above) _____

Paid by: Check (payable to BLF)
 Credit Card ___ VISA ___ MasterCard
 Account No. _____
 Security code* _____ Expiration ___ / ___
 * (three- or four-digit code on the back of your card)
 Signature _____

Please send this form & payment to:
 Batiquitos Lagoon Foundation
 P.O. Box 131741
 Carlsbad, CA 92013-1741

Thank you for your support!

The Batiquitos Lagoon Foundation is a 501 (c) (3) nonprofit. Your contributions are tax deductible to the extent provided by law

~ For BLF Administration Only ~

Payment Method _____ Check _____ Check # _____ Check date _____
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 _____ Website _____ Date _____

Record # _____ Date Entered _____

Nature Center Hours

Monday - Friday: 9:00 a.m. to 3:00 p.m.*

Saturday & Sunday: 9:00 a.m. to 3:00 p.m.*

**Subject to availability of volunteers. Please call ahead to verify*

For more information:

Visit our Website: www.batiquitosfoundation.org

Call: (760) 931-0800 or Email: info@batiquitosfoundation.org



Membership

Membership in the Batiquitos Lagoon Foundation is a great way to support our efforts to maintain and improve this beautiful natural resource.

Categories for annual membership are:

Student/Senior Citizen	\$20
Individual	\$25
Family	\$45
Sponsor	\$100
Patron	\$175
Sustaining	\$500

Join & pay via bank debit or major credit card through our website. Memberships and donations are tax deductible.

www.batiquitoslagoon.org

The Batiquitos Lagoon Foundation was established on January 7, 1983 as a non-profit 501(c)(3) corporation, dedicated to *preserving, protecting, and enhancing* the Batiquitos Lagoon Ecological Reserve and its associated watershed, riparian, coastal sage and upland habitats.

Reminder To Members

Check the expiration date at the top of your mailing label to find out when you need to renew your membership.

Join Us For a Batiquitos Bird Walk and Talk, Feb. 8 at 10 a.m.! Bring Binocs!

CHANGE SERVICE REQUESTED

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