



The Western Section &
California Center for Natural History
Present

CATALINA ISLAND

A Guided Workshop

August 5-8, 2019

A guided exploration of the natural history of Santa Catalina Island, CA

Instructors

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Co-Organizers

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Introduction

Description: This four-day immersive workshop will introduce participants to the natural history, conservation efforts, and cultural prehistory of Santa Catalina Island, the largest of California's southern Channel Islands. You'll have an opportunity to explore within the wild-urban interface of Avalon, while engaging in citizen science. Splitting our time between marine and terrestrial ecosystems, we'll discuss the island's biology, as well as its archaeology, geology, and conservation *in situ*. You'll have a chance to snorkel in a location voted the world's healthiest marine environment by Scuba Diving Magazine; meet some of the island's champions of conservation; and look for unique endemic species found only on Catalina. Participants can expect to snorkel, hike, bird, and even collect specimens for research institutions. There will be free time for exploring on your own, as well. By the end of the workshop, you will be a certified Catalina Naturalist.



What to Expect: This trip is geared for people (aged 18 to 94) with a strong interest in natural history. Our experts will be pointing out anything from plants to bugs to flints to scat. One can expect to engage in hands-on outdoor activities and all must be physically fit to walk up to several miles a day in 80-90 degree weather, ride bumpy roads and boats, and snorkel (no previous experience necessary). Conversely, some tourist activities in the bustling town of Avalon are included. We won't be backpacking, but we *will* be staying in a rustic camp without electricity and cannot plan around opportunities for cell service or internet. Our daily routine will vary, but anticipate having breakfast as early as 7AM and sometimes staying up as late as 11PM. Free time is also built into the schedule. As with any travel experience, unforeseen changes may force us to change our itinerary, so participants must be willing to be flexible. While we anticipate seeing wildlife, wildlife can never be guaranteed! Our goal is to provide a fun, educational, and memorable experience.

Registration

Each registrant must complete the secure online form at:
https://www.wildlifeprofessional.org/western/sci2019_reg.php

What's Included: Camping spots; some meals (3 breakfasts, 1 lunch, and 1 dinner) - the remaining meals can be purchased in town; a variety of tours; transportation within the trip; permits for hiking and certain collecting activities, access to snorkeling and hiking locations; exposure to experts on the island.



Not Included: Some meals (where participants can easily purchase meals in Avalon), camping gear, camp silverware (cups, plates, soap, utensils), snorkel equipment; cash tips for tour outfitters; and transportation to and from the mainland.

Registration Categories	Cost	
	Early Registration (before July 5)	Early Registration (after July 5)
Member (TWS or CCNH) or Senior (65+)	\$960	\$1,020
Non-Member	\$995	\$1,055
Student/early career professional (4 spots)*	\$672	\$707
Optional Additions		
Snorkel Gear Rental	\$35	\$35
Night Snorkel (advanced snorkelers)	\$80	\$80
*May need to show proof of enrollment at an accredited university		

Snorkel Gear (mask, snorkel, wetsuit, fins): Some may wish to bring their personal snorkel gear. However, if you would rather not have to carry your gear throughout the trip (note weight and luggage restrictions under the “Transportation” section below), we would be glad to rent snorkel gear through our registration process.

Payment Policy: The cutoff date for early registration is July 7, 2019. Registration is payable only by credit card. Exceptions to this rule (pay by check) are available only to state employees and may be requested to the workshop coordinator at workshops@tws-west.org. The maximum enrollment is 20, after which, a waiting list will be kept. Fifteen participants must register by July 7th, or the workshop will be cancelled and registration fees will be returned.



Catalina Island

[Santa Catalina Island](#), commonly just referred to as 'Catalina', is the largest of the southern islands within the Channel Island Archipelago. Roughly 75 square miles, Catalina contains one of the largest stretches of unspoiled coast in Southern California. The island is within Los Angeles County, but has a population of roughly 4,100 people. There are several settlements, but the main towns are Avalon and Two Harbors.

Its habitat consists of coastal sage scrub, island chaparral, ironwood and oak woodland, maritime succulent scrub, and a rugged coastline. A rocky reef surrounds the island, which also has pockets of sandy beaches and kelp forest. Geology is composed of Catalina Schist and Miocene volcanics. There is so much quartz on the island that some beaches have a silvery sheen.

The Channel Island Archipelago of California is sometimes dubbed "the Galapagos of North America". Though it has even more terrestrial biodiversity than its Ecuadorian counterpart, the Channel Islands are much more subtle about it. Catalina boasts some 60 endemic species, including the Catalina ironwood, Avalon scrub hairstreak, and Catalina walking stick; not to mention unique subspecies such as the Catalina California quail, the Catalina California ground squirrel, and the Catalina island fox.



Catalina was originally named Pimu'nga by the Tongva peoples who inhabited it as early as 7000 BC. Since then, its surprisingly rich history has included Spanish colonization, pirates, Russian fur traders, gold miners, ranchers, and a turn as part of chewing gum magnate William Wrigley's monopoly.

Today, the town of Avalon is a major tourist destination while much of Catalina remains wild and protected by the non-profit

organization, the Catalina Island Conservancy, one of the oldest private land trusts in the state.

Catalina has a dry, temperate climate. We anticipate seeing temperatures ranging from the 50's to the 90's. Days will likely be in the 70's and 80's.

For more about Catalina, check out: www.catalinaconservancy.org



Trip Overview

Note: Itinerary Subject to Change Per Conditions



Avalon, the only incorporated town on Catalina, is a resort destination.

We'll set up camp in Hermit Gulch near Avalon, staying more coastal to take advantage of cooler weather during the hot, dry summer.

Note: B, L, D = Breakfast, Lunch, Dinner Provided



August 5, 2019: Arrival to Avalon (D)

Island overview, Snorkeling, Avalon, (optional) Flying Fish Tour

We will meet you at the Hermit Gulch Campground above Avalon at 1 PM. **Please give yourself ample time to arrive, take the bus up to Hermit Gulch, find the campsites, and set up your tent before 1 PM.** After a brief orientation, we'll visit the Avalon Canyon Nature Center, located right at the entrance of our campground. Here, we'll learn about island biogeography and the forces that create the unique ecosystem on Catalina.



Flying Fish Tour: At 9 PM we meet at the Green Pleasure Pier to take a ride out among the California flying fish (*Cheilopogon pinnatibarbatus californicus*) on the Cyclone.

August 6: Hermit Gulch and Avalon (B)

Wrigley Botanic Gardens, Garden to the Sky, Marine Mammal Tour, (optional) Night Snorkel

Making an early morning rise, we'll have a quick breakfast of trail bars and visit the **Wrigley Botanic Gardens**, just a quick walk from camp. Here we'll talk about the endemic botanical treasures of Catalina - Catalina Ironwood, Catalina mountain mahogany, and Catalina cherry - to name a few. Then we'll take the **Garden to the Sky Trail** up to spectacular views and, hopefully, some encounters with plants and wildlife. At this point, we will be Catalina Certified Naturalists.



Snorkeling Lover's Cove

Later in the afternoon, we'll take the Garibaldi Bus down to Avalon and meet Ron Moore's snorkel team at [Dive Catalina](#). Even from the shore, you'll be able to see garibaldi, opaleye, and calico bass swimming in the clear waters below. We'll be in good hands since Ron, a world famous underwater filmmaker and dive master, has been snorkeling and diving Catalina since the early 1970's. His team knows where to find the best stuff! Beginning snorkelers welcome.

Bullfrog Lab

Heading back to camp, Emily and Lara will have a special treat for us: a bullfrog dissection lab. Bullfrogs, which are an invasive species on Catalina Island, have been captured and frozen. We'd be opening them up to determine what they've been eating on the island, and if any endangered or sensitive species were devoured. Not for the faint of heart!



Photo by Jolene Thompson



Optional Night Snorkel

That evening, we'll have the option to do a **night snorkel** with Ron Moore's dive shop.

Night snorkeling is for more advanced snorkelers. However, we anticipate that after the first session on August 12th, most participants will be comfortable with this activity.

Nocturnal inhabitants of Lover's Cove may include shrimp, brittle stars, sea stars, and California spiny lobster. We'll keep an eye out for a handful of crabs that are endemic to the Channel Islands. If we're lucky, we may even find a two-spotted octopus, eels, and nudibranchs.

August 7: Skyline to Two Harbors (B, L)

Skyline Drive, Catalina Airport, Two Harbors, USC Wrigley Center

We'll get up at the crack of dawn and take a bus up the Skyline Trail en route to Two Harbors. On the way, we'll keep an eye out for bison - transplanted to Catalina as part of a movie and never removed.



Middle Ranch and Little Harbor

At Little Harbor, we'll look at an oak restoration project; and at Middle Ranch, we'll look for some of the island's famous endemics - the Catalina ground squirrel and the Catalina quail - both examples of island gigantism. As we walk, participants we will engage in citizen science activities.

Two Harbors

In Two Harbors, we'll visit the [USC Wrigley Marine Science Center](#). The USC Wrigley Institute maintains a research center and educational center including a hyperbaric chamber. In the cove outside the Wrigley Center, you have an option to snorkel or kayak to explore the coastline near Blue Cavern Point, a cove where pirates may have hung out at one point, and where sea life abounds.



August 8: Final Lab (B) Avalon

We'll get up at the crack of dawn and participate in an final lab near Avalon. Then we'll pack up and head down to town before noon to say our goodbyes.

Pack Up and Farewell

A morning bird walk, a final trip debrief, and then we'll pack up our camp. You are free to explore on your own. One can return home via the Garibaldi to Avalon.



Photo by Tammy Lim



Location Details

Hermit Gulch Campground

Hermit Gulch is a tent campground, about a mile and half uphill from the town of Avalon in Avalon Canyon. This ideal location is adjacent to trails, the Catalina Conservancy Nature Center, and the Wrigley Memorial Botanical Gardens. No potable water; we'll have to bring it up from town. The coordinators will provide some, but everyone will want to have personal water supplies.

Amenities include:

- Warm showers (paid with quarters)
- Flush toilets & sinks
- Lockers (quarter operated)
- Picnic tables
- BBQ grill
- Community fire pit
- Campground office with gear rental potential, ice, propane, lanterns, stoves, and maps (8:30 AM - 9 PM)
- Coin operated vending machines



Campground Rules:

- All food must be stored and sealed in containers to avoid being broken into by ravens and island foxes.
- Quiet time is 10PM to 8AM (we will have to be especially careful).
- Wood fires are not allowed in camp, but charcoal and wax logs may be burned.
- Musical instruments, boomboxes, radios, etc. are not allowed at any time.
- Final check-in is 9 PM.

Camping Gear

Please make sure you have comfortable camping gear for the entire time. A tent, pillows, sleeping bag, and ground pad are necessary. Please make sure to put together your tent beforehand, in case it turns out you're missing a tent stake or pole.



[Avalon](#)

Avalon's population is about 4,000, but it receives over a million visitors a year. Its downtown is easy to walk, but watch out for speeding golf carts - the principal mode of transportation on the island. Avalon has an active nightlife and food scene. There are numerous stores, restaurants, and activities to do while you are in town.

There is a [Von's Grocery Store](#), which is just a little more expensive than mainland prices. You may want to stock up on the island on snacks, water, etc.



As we'll be having some (limited - roughly 4 hours between 2 days) free time in Avalon, we encourage you to check out some of the things you can do and see in town here:

www.catalinachamber.com

If you'd like to rent a golf cart for your time in Avalon, please visit:

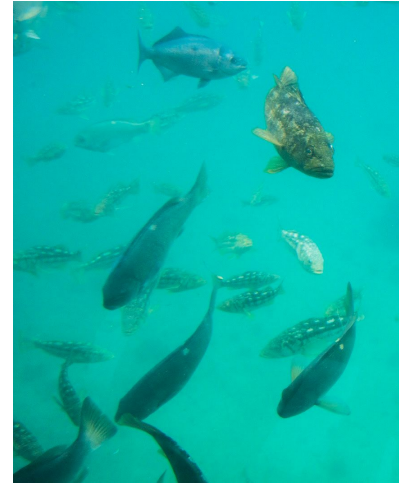
www.catalinaislandgolfcart.com



Snorkeling

Snorkeling is a large part of this workshop, as we aim to take advantage of the extraordinary visibility, abundance, and marine biodiversity of Catalina. It will likely be a pleasant respite from the hot August weather. Participants may also find time before or after the trip to try and schedule SCUBA diving, which is not a scheduled part of this workshop. This can be arranged through the same outfitter as our snorkel shop - www.divecatalina.net.

Participants do not need to be expert snorkelers, but some prior experience is helpful to become comfortable in the water. We will be snorkeling for up to two hours at a time.



Water temperatures in Catalina in August are roughly 70-75 degrees. **Visibility** is typically 30-60 feet.

Equipment for this activity requires:

- A mask
- Snorkel
- Wetsuit
- Fins



You can bring your own gear (make sure you read the transportation section, below). Or, we can take care of snorkel gear for you if you request it in the registration.



Optional Night Snorkel
Nocturnal inhabitants of Lover's Cove may include shrimp, brittle stars, sea stars, and California spiny lobster. We'll keep an eye out for a handful of crabs that are endemic to the Channel Islands. If we're lucky, we may even find a two-spotted octopus, eels, and nudibranchs. The night snorkel is geared towards people who have snorkeled at least once or twice. We will have the opportunity to snorkel in the daytime once before this event, however, you will

also need to sign up for it during your registration if you wish to join.



Transportation

Transportation can be one of the most complicated and, often, costly aspects of visiting Catalina. There are few cars on the island; most residents use golf carts to get around. Fortunately, we will be covering the complex transfers, but participants will need to arrange arrival on their own.

Gear hauls must be done separately when traversing the island. In some places, gear hauls cost an extra \$5 per piece of luggage. We have budgeted 2 pieces of luggage per participant. Anything beyond that will need to be covered by individuals.

We will arrange transportation to most of the activities on the island. This will include:

- A charter Garibaldi Bus from Hermit Gulch to Avalon on the first and second days
- A charter Garibaldi Bus return from Avalon after optional night activities
- Bus transport from Hermit Gulch to Two Harbors along airport road
- CIC Transportation from Hermit Gulch to Two Harbors

Participants will want to arrange transportation for themselves for the following:

- Arrival from the mainland to Avalon
- Initial transport from Avalon to Hermit Gulch and during 2 free time periods
- Return to the mainland from Two Harbors

These transfers, however, are relatively simple.

TO AND FROM CATALINA

There are several ways of getting to Avalon. You can reach the island by

- Private boat
- IEX Helicopter Service
- Private airplane to the Airport in the Sky
- Catalina Express Ferry



Private boats can be moored in Avalon. Information here:

www.catalinachamber.com/get-here/transportation-by-private-boat

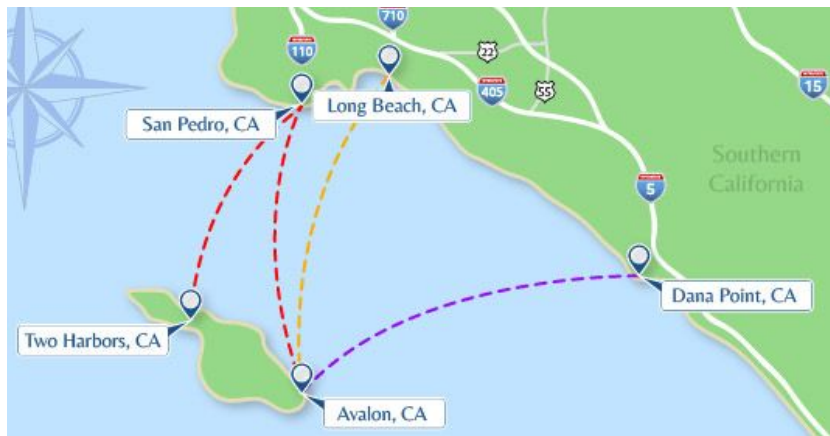
Private Airplane: to contact the Airport in the sky, contact 310 510 0134. A shuttle can take you down to Avalon.



IEX Helicopter Service is available from Burbank, Long Beach, John Wayne, and San Pedro Airports. You can arrange transport by calling 1-800-2AV-ALON or looking at this website: www.catalinachamber.com/visit/iex-helicopters/

The Catalina Express Ferry

The Catalina Express Ferry is the most frequent method used to get to the island. Catalina Express leaves from harbors at Dana Point, Long Beach, and San Pedro. By far, the simplest plan of action would be to **leave from San Pedro**, as it is the only terminal which has boats going to Avalon (where we begin the trip) and returns from Two Harbors (where we'll be ending the trip).



You will need to book your trip using this website: www.catalinaexpress.com
Or, by calling 800-613-1212.

The cost is roughly \$35 each way. You would want to book a round trip (i.e. San Pedro to Avalon; Two Harbors to San Pedro).

If you want to leave from **Dana Point** or **Long Beach**, it is possible to take the [Cyclone](#) back to Avalon, where the Catalina Express to Dana Point or Long Beach docks.

Participants will have to arrange their own parking at the ferry terminals, or take a taxi, Lyft, Uber, or public transportation to the terminals.



Luggage: If you are taking the Catalina Express, you are limited to 2 pieces of luggage, both 50 lbs or under, and no greater than 23x23x37. Restrictions can be found here: <https://www.catalinaexpress.com/baggage-restrictions.html>

We will be paying for each participant to cart 2 pieces of luggage. Any more, the participants will need to pay \$5 per item.



AVALON to HERMIT GULCH

Once you've arrived at Avalon, you can take a [taxi](#), [golf cart](#), or walk 1.5 miles up to Hermit Gulch.

Garibaldi Bus

However, for cost and simplicity, we recommend the Avalon Transport's [Garibaldi Bus](#). The Garibaldi leaves every 20-30 minutes from the ferry terminals and other locations in Avalon. Its last stop is Hermit Gulch Campground/the USC Wrigley Botanical Garden. The cost is only \$2 each way.

Please give yourself ample time to arrive and set up camp prior to the workshop.

Food

Please inform the workshop coordinator of any food preferences/needs. Participants may also bring their own food, snacks, etc. if they are stored properly within the camp.

Three breakfasts, one lunch, and one dinner will be provided by the coordinators. Remaining meals will be obtained by participants in Avalon, where there are plenty of [meal options](#), including a Von's. Most lunches will be packed to go and purchased the day before. Note that Avalon is not necessarily a gourmet food destination.



Two Harbors. In some ways, Catalina resembles a desert island.



What to Bring

Note: We will be paying for each participant to cart 2 pieces of luggage. Any more, the participants will need to pay \$5 per item.

Weather: We anticipate weather to be in the 60's - upper 70's in the day and in the 60's or 50's at night. Expect wind and sun.

List of Items to Bring

Camp necessities

- Headlamp (required) bring new batteries and spare batteries too
- Flashlight
- Sleeping bag
- Tent
- Sleeping pad
- Pillow
- Towel (a couple, one for showers, one for the sea)
- Washcloth
- Windbreaker
- Fleece jacket or vest
- Layered clothing
- Extra clothes (we won't be doing laundry)
- Eating utensils
 - Plate
 - Camp cup
 - Fork, spoon, knife
 - Sponge, soap, scrubber for cleaning (we do not clean for you)
- EARPLUGS! (you never know!)
- Sandals for nighttime trips to the restroom/walking on beaches



Hiking Necessities

- Boots which cover the ankle (required!)
- Backpack or field pack
- Walking sticks for long hikes
- Hat(s) (both for sun and cold evenings)
- Snacks - some can be obtained from Von's in Avalon.
- lunch box or bag to help reduce paper waste
- Binoculars

Personal Necessities

- Prescription drugs
- Personal toiletries – shampoo, soap, toothpaste, toothbrush, deodorant
- Eye care (glasses, glasses screwdriver, contact lenses, contact solution, contact keepers)





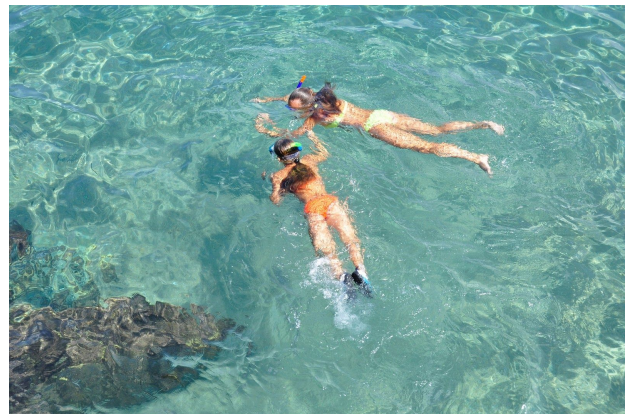
- Chapstick
- Sunscreen
- Bug spray
- Snacks
- Small notebook for the field
- Clipboard
- Pen or pencil
- Water bottle(s) - refillable please. We recommend 3-4 since we'll be away from potable water much of the time
- Hand soap - lots of it
- Cash for
 - Garibaldi Bus (\$2 each way for initial meeting and any personal time)
 - Souvenirs
 - Tipping local guides and services (bring \$30-50 at your discretion)

Swimming Necessities

- Swimsuit for beach time or to wear under wetsuit (or if you're brave against the cold, instead of wet stuit)
- Mesh bag for transporting snorkel equipment, either rented or owned
- Sandals for nighttime trips to the restroom/walking on beaches

Optional List of Things to Bring

- Any bat acoustic detectors you own so you can try out your own equipment
- Fishing equipment - limited possibility of fishing at Brisa or Avalon
- Blacklight for bugs & making sure there's no scorpions around your tent
- Rain gear (you never know)
- [Crazy Creek padded chair](#)
- Camp stool/chair (highly recommended)
- GoPro or camera
- Thermal coffee mug to help reduce paper
- Lunch box or bag to help reduce paper
- Pocket knife



- ID Guides, books, etc.
- Underwater flashlight
- Underwater knife
- Lantern for tables
- Card games or things for limited down time
- Wet bag for taking on the water





List of Items NOT to bring:

Please don't bring:

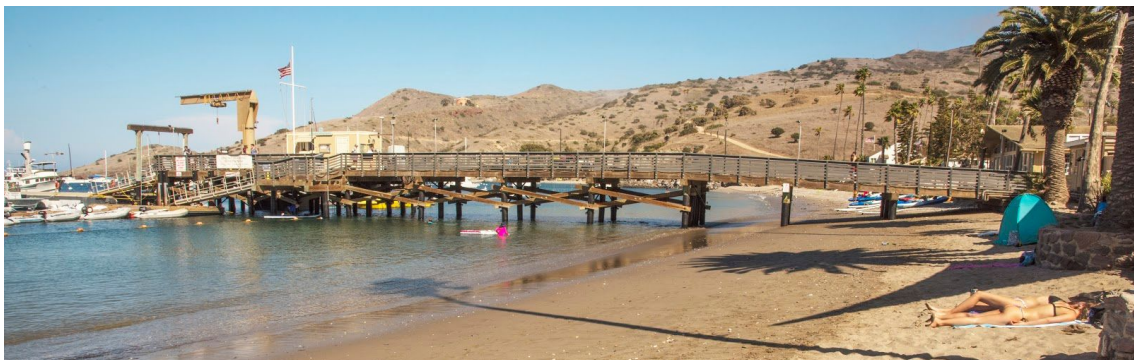
- Laptop computer
- Guitar, bongos, harps, flutes, harmonicas, kazoos, keyboards or other musical instruments
- Bulky items
- Axes, hatchets, wood-carving tools
- Air horns, loud noise-making devices
- Electronic gadgetry
- Drones
- Pets
- Animal traps or collecting devices
- Ceramic utensils
- Invasive seeds in your shoes or socks
- Wood for campfires
- Expensive scopes, etc.
- Other expensive gear you don't feel comfortable leaving at camp



What we Include for you

Included:

- Bat acoustic detectors
- Moth lights
- Gallon jugs
- Meals (see Food section for specifics)
- Reference guides, books
- Intra-island transport as part of the itinerary
- Snorkel equipment (optional)
- Camp stoves, serving plates and dishes
- Garbage bags
- Ice chest



Instructor Biographies



Hillary Holt

Interpretation and Outreach Specialist, Hillary Holt joined the Conservancy as the Interpretation and Outreach Specialist in June 2016. She received her B.S. in Biology from the University of Illinois at Chicago, and M.S. in Zoology with an Ecology, Evolution and Conservation Biology degree certificate from the University of Hawaii at Manoa. She spent time in both the field of ecological research and environmental education with organizations such as the United States Forest Service, Hawkwatch International, Honolulu Zoo, The Smithsonian, and the Boise State University Raptor Research Center, and Lone Pine State Park in Northwest Montana. She is a Certified Interpretive Guide through the National Association of Interpretation, and Certified California Naturalist and Instructor. Hillary oversees the Conservancy Naturalist Training Program, which provides training and continuing education opportunities for the local naturalists, business and camp staffs on the Island.



Emily Hamblen

Emily Hamblen received a double major at Oregon State University in Zoology and Fisheries and Wildlife with an emphasis in endangered species management and her MSc at Colorado State University in Fisheries, Wildlife, and Conservation Biology studying the San Clemente Island fox (*Urocyon littoralis clementae*; a subspecies of Channel Island fox). With over 10 years of field experience, Emily has led the capture and VHF collaring of San Clemente Island foxes, Eastern gray squirrels, Pacific fishers, and common ravens. In addition Emily has assisted with the capture and immobilization of approximately 9 other species including black bears, mountain lions, sea lions, and martens. Emily's primary interests are 1) understanding how human activities affect wildlife behavior and movement and 2) how research can be used to resolve human-wildlife conflicts.



Lara Brenner

Lara Brenner is a wildlife biologist with the Catalina Island Conservancy. She studies and monitors endemic, native, and non-native wildlife on Catalina, including foxes, shrews, seabirds, mule deer, and bison. She has an MSc in Wildlife Biology from the University of Montana and a BA in Environmental Studies from Carleton College.

In her spare time she enjoys reading, writing, and snorkeling.



About the GO WILD Program

GO WILD Guided Workshops are focused excursions into biologically-rich regions, which seek to engage natural resource and conservation professionals through focused studies on unique flora and fauna. GO WILD Guided Workshops are a collaboration between The Western Section of The Wildlife Society (www.tws-west.org) and the California Center for Natural History (<https://calnature.org>).

GO WILD, part of the Western Section's Stewardship Initiative, encompasses workshops for wildlife professionals, scientists, students, citizen scientists, and biologists to GO WILD - Get Outside: Walk, Inquire, Learn, Do.





About the [California Center for Natural History](#)

The California Center for Natural History (CCNH) provides free outdoor education throughout the San Francisco Bay Area and beyond. Our mission is to facilitate inquiry into the past, present and future of California's diverse ecosystems; create communities of culturally and experientially diverse naturalists; and illuminate the interdependence between humans and California's wildlife.

The California Center for Natural History is a collective of naturalists based in and around the San Francisco Bay Area, organizing events throughout the California region. CCNH is fiscally sponsored by Yggdrasil Urban Wildlife Rescue, a non-profit 501(c)(3) organization.

Mission Statement

The mission of the California Center for Natural History is to:

- Facilitate inquiry into the past, present and future of California's diverse ecosystems;
- Create communities of culturally and experientially diverse naturalists; and
- Illuminate the interdependence between humans and California's wildlife.

For a sampling of CCNH's other events, please check out: <https://calnature.org/events>.



Catalina Mountain mahogany, *Betulooides traskiae*



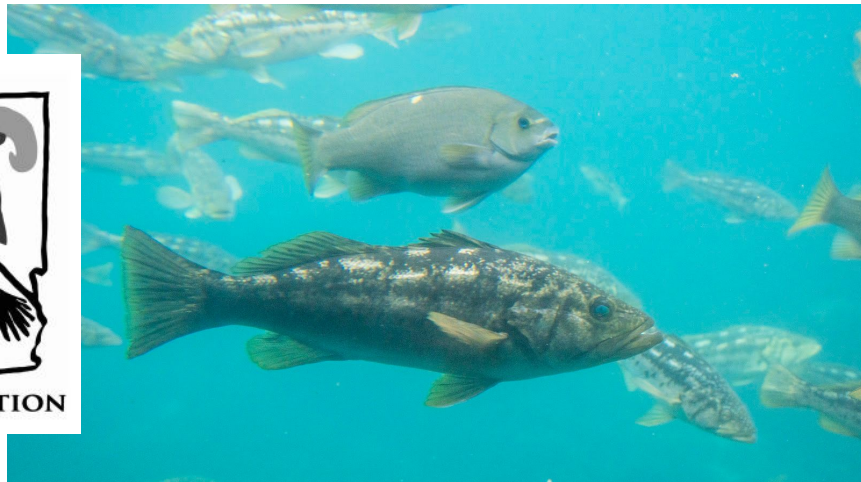
About the [The Western Section of The Wildlife Society](#)

The Wildlife Society is an international a non-profit 501(c)(3) scientific and educational association dedicated to excellence in wildlife stewardship through science and education. Our mission is to enhance the ability of wildlife professionals and wildlife students to conserve diversity, sustain productivity, and ensure responsible use of wildlife resources and their habitats.

The Western Section of The Wildlife Society is comprised of over 1000 wildlife managers, biologists, ecologists, and students from California, Nevada, Hawaii, and Guam all devoted to the sustainable conservation of wildlife in the western United States region. There are 8 geographic area and 7 student Chapters that make up the Western Section.

In order to promote sustainable management of wildlife resources the Western Section hosts numerous workshops for wildlife professionals and students to provide the latest in wildlife techniques and offer specialized training for special status species. Check out all upcoming meetings and workshops on our new events page. In addition the Western Section holds an annual meeting where wildlife professionals, students, and other wildlife enthusiasts share their latest information in the wildlife management field.

For other workshops and events, please visit: http://twswest.org/?page_id=106



Opaleye, above, and kelp bass

Acknowledgements

We offer special thanks to **Emily Hamblen**, Wildlife Biologist for the Catalina Conservancy, for her assistance in gaining us permissions, discounts, and planning. Also to **Lara Brenner**, **Hillary Holt**, and **Julie King** for their insights and in assisting us on our scouting events.



Also to **Micah Shelley**, Group Camping Coordinator, for making the camping situation so easy.

And **Constance Taylor** and **Ken-ichi Ueda** for initiating the idea.

