



County of Santa Cruz

HEALTH SERVICES AGENCY
Environmental Health Division

Fish and Wildlife Advisory Commission

(831) 454-2022 <http://www.scceh.org>



AGENDA

December 4, 2025, 6:30 PM

Agenda Item #	Start Time	End Time	Description
1	6:30	6:40	Call to Order
2			Roll Call
3			Approval of Consent Items:
4			1. November Meeting Minutes
			Public Comment for Items Not on The Agenda
5	6:40	7:20	Select Grant Proposals for Funding Recommendation
6	7:20	8:00	Continue Discussion of Strategic Plan Focus Area: Environment, Climate & Sustainability
7	8:00	8:15	Update on Changes to CEQA in 2025
8	8:15	8:30	Staff Reports Commissioner Reports and Announcements
9		8:30	Adjourn

Public Comment

- None received

Items of Interest:

- [UCSC and NOAA work to secure future for California's most iconic fish - Lookout Santa Cruz](#)
- [Santa Cruz water management seek to support fish in the San Lorenzo - Lookout Santa Cruz](#)
- [Trump Moves to Weaken the Endangered Species Act - The New York Times](#)
- [Waters of the United States/Clean Water Act: Proposed EPA Rule - JDSupra](#)
- [Beaver dams mitigate whiplash weather in Salinas River - Wiley Online Library](#)

The County of Santa Cruz does not discriminate on the basis of disability, and no person shall, by reason of a disability, be denied the benefits of its services, programs, or activities. This online meeting is available to anyone with a telephone. If you are a person with a disability and require special assistance in order to participate in the meeting, please contact Sean Abbey at (831) 454-2386 or TDD number (454-2123) at least 72 hours in advance of the meeting in order to make arrangements. Persons with disabilities may request a copy of the agenda in an alternative format. As a courtesy to those affected, please attend the meeting smoke and scent free.

Commissioner and Public Participation Information

Commissioners meet in person at the **Solarium Conference Room, 1060 Emeline Avenue**. Members of the public can join in person but are encouraged to join virtually using the link below. PLEASE NOTE: The meeting room is on the second floor, above the Water Quality Lab entrance. The door must remain locked after hours, but staff will be able to provide access to all attendees as they arrive.

Microsoft Teams [Need help?](#)

[Join the meeting now](#)

Meeting ID: 269 765 383 009 18

Passcode: Rf3zU235

Click the “Click here to join the meeting” link above. If you are asked to join Teams with an application, click on “No thanks” and open in the browser. You should not need to download the application to join the meeting.

Please join the meeting a few minutes BEFORE 6:30 pm so that we can start at 6:30 pm. Staff will open the video conference at 6:25 pm. Cameras are optional for members of the public.

If you have questions, please contact Sean Abbey at sean.abbey@santacruzcountyca.gov.

Meeting Roles and Rules:

Jenni Gomez, Chair, will lead the meeting. Chair Gomez will announce each agenda item, identify who will be leading an item and introduce discussion and public comment periods.

Sean Abbey, staff, will assist with roll call, note taking, and tracking who wants to speak. Please allow time for staff to make notes about any decisions. Sean will monitor email during the meeting.

There will be a public comment period for each item and the Chair will invite the public to participate at the appropriate time.



County of Santa Cruz

Health Services Agency – Environmental Health

Fish and Wildlife Advisory Commission

(831) 454-2022 TDD/TTY – Call 711 <http://www.scceh.org>



Meeting Minutes November 6, 2025

1. **CALL TO ORDER** – 6:31 pm
2. **ROLL CALL**

District	Commissioner	Status	Commissioner	Status
I	Chris Berry	P	Kevin Butler	P
II	Brian Woodward	P	David Somerton	P
III	Liz Alter	P	Jon Jankovitz	P
IV	Brooke Sampson	R	Daniela Suarez	P
V	Jenni Gomez	P	Joanne Brown	P

P = Present R = Remote E = Excused A = Absent

3. **APPROVAL OF MINUTES:**

- **Motion to Approve Minutes:** Somerton, **Second:** Butler,
- **Ayes:** Butler, Woodward, Somerton, Alter, Sampson, Suarez, Gomez, Brown
- **Abstain:** Berry, Jankovitz
 - **Minutes Approved**

4. **PUBLIC COMMENTS:** NONE

5. **PRESENTATION BY PUBLIC GRANT PROGRAM APPLICANTS:** Commissioners heard presentations from the grant applicants and had an opportunity to ask questions. Grant proposals will be ranked and recommended for funding at the December meeting.

6. **PRESENTATION ON THE COUNTY STRATEGIC PLAN:** Sven Stafford at the CEO office sought input from the Commissioners regarding the County [Strategic Plan 2032](#) (SP). The SP has 6 Focus Areas, with one being most applicable to the FWAC being “Environment, Climate, and Sustainability”. That Focus Area is intended to align with key documents like Climate Action & Adaptation Plan (CAAP) and Hazard Mitigation Plan, and the Measure Q Vision Plan.

The Commissioners were asked for feedback on wording for the mission statement and on possible standards for determining success. Commissioners comments were as follows:

- There was inadequate time to discuss this topic and asked for future opportunities for discussion
- The proposed mission statement did not include any mention of habitat protection or environmental benefits beyond those for humans.
- The proposed standard of Air Quality was not ideal because of minimal local control. Commissioners felt that Water Quality was a better standard due to local sources of impact and historical data for comparison.
- **Public Comment:**
 - Jean Brocklebank hopes that the commissioner's comments will be incorporated.

7. APPROVAL OF ZONE 0 LETTER TO BOARD: Commissioners discussed the Zone 0 letter and whether the subject could be addressed by the Supervisors. Some felt that the primary issue was insurance companies dropping coverage, which may still happen even if there are local allowances for Zone 0 plants. The counter was that local allowances would prevent Cal-Fire from citing county residents. Another concern was whether the Supervisors would be receptive to a letter, given the limited success of recent efforts. The counter was that this item could be viewed as warning the Supervisors of changes that might negatively impact their constituents. Com Woodward recommended that reference to "cost burden shifting" be removed as they are outside the scope of the knowledge for this Commission.

- **Public Comment:**
 - Jean Brocklebank supports the letter and is concerned about the possibility of additional habitat being removed.

Motion to Approve Zone 0 Letter, with Woodward edit: Berry, **Second:** Alter,

- **Ayes:** Berry, Butler, Woodward, Somerton, Alter, Sampson, Suarez, Gomez, Brown
- **Nays:** Jankovitz
 - **Zone 0 Letter Approved and will be sent to Supervisors**

8. DISCUSSION OF WESTERN POND TURTLE ENDANGERED SPECIES LISTING:

Commissioner Berry provided an update about the listing of Western Pond Turtles as an Endangered Species which had been [proposed by the US Fish and Wildlife Service](#). However, the current administration has largely stopped this process so the

California Dept of Fish and Wildlife is considering a state listing. The Western Pond Turtle is the states only freshwater turtle and is found locally. The commissioners discussed possible actions that could be taken to support this effort. One option included soliciting a presentation from staff at CDFW and offering support.

9. STAFF AND COMMISSIONER REPORTS AND ANNOUNCEMENTS:

○ Staff Reports:

- Significant Tree Ordinance (STO) Update: Planning Dept Staff responded to Supervisor De Serpa forwarding the letter on the STO with the following concerns:
 - (1) Adding new permit requirements would;
 - (a) Be counter to current housing and economic policy and the Board's directive to Streamline Santa Cruz County. The proposal would likely slow many future development projects.
 - (b) Make tree management more difficult and costly, which could adversely impact residents ability to implement wildfire protections, including defensible space
 - (2) Enforcement would be very challenging due to
 - (a) Daily chainsaw activity in the Santa Cruz Mountains
 - (b) Code enforcement staff is already fully loaded and is focusing on issues facing health and safety
 - (3) Current regulations already protect sensitive habitat and timber resources.
- Remote Attendance Update: A recent law was passed that should allow remote attendance of meetings for any reason, likely starting in 2026.
- **Commissioner Reports:**
 - Brown: During a Lompico Pond restoration event, Bethany Schultze shared her research on bats at Loch Lomond Reservoir. There are many species of bats occurring locally, which can benefit from actions like leaving tree snags in place as roosts and reducing the use of pesticides.
 - Brown: SLVWD will be hosting a volunteer event to remove invasive French Broom at Olympia Watershed on Saturday, November 15 from 9 am to 12 pm. Registration for the event can happen [here](#).
 - Somerton: Observed Double Crested Cormorants near Schwann Lagoon, which are preferentially roosting in the eucalyptus trees nearby.

10. ADJOURN. Motion to Adjourn: Berry, Second: Woodward All Aye: meeting adjourned at 8:38 pm.



County of Santa Cruz
Health Services Agency ♦ Environmental Health



Fish and Wildlife Advisory Commission

701 Ocean Street, Room 312, Santa Cruz, CA 95060
(831) 454-3154 TDD/TTY -Call 711 www.sceeh.com
EnvironmentalHealth@santacruzcounty.us

GRANT INFORMATION: PROPOSAL

*This information **will** be included in public documents*

Project Name: Mobile Whale Skull Display for Education

Date: 10/14/25

Applicant name
or Organization: Marine Life Studies

Project Description:

We will create a mobile whale skull and marine mammal exhibit to expand marine education and wildlife awareness across Santa Cruz County and beyond. Featuring a mounted minke whale skull, mandibles, and other specimens, the exhibit will be displayed on a custom-built trailer with plexiglass windows, allowing it to travel to schools and community events. While funding for the trailer is secured, support is needed for displays and educational signage that share information about marine wildlife, watersheds, and vulnerable species. This exhibit brings marine science directly to inland and underserved communities, connecting people of all ages with the wildlife and watersheds that define our region—fostering appreciation and stewardship of the Monterey Bay National Marine Sanctuary.

Funding Requested	\$4,019
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ITEMIZED BUDGET ITEMS	Requested Funds	Matching Funds	Total Amount
Custom metal stand and platform for authentic minke whale skull and mandibles	\$2,000	\$1,000	\$3,000
Educational signage for the custom built trailer	\$2,019	\$1,000	\$3,019
TOTAL AMOUNTS	\$4,019		

Each item description should be sufficient to clearly define the full item. In addition to funds being requested, note any matching funds committed to the proposed project.

For each section, provide a brief written response.

Background of the issue being addressed

This mobile exhibit transforms marine science into an engaging, hands-on experience that connects people directly to ocean life. Featuring authentic specimens like a minke whale skull and jawbones, it travels to schools, community centers, and public events, giving participants a rare, up-close perspective of whales and their environment. By making marine education mobile and inclusive, the exhibit removes barriers for inland and underserved communities, fostering curiosity, empathy, and stewardship. Interactive visuals illustrate how rivers, wetlands, and riparian habitats influence ocean health—showing how pollution, sediment, and nutrients flow from land to sea. As threats like entanglement, ship strikes, and climate change grow, education is key to conservation.

Project Goals

Project Goals and Objectives

1. Increase Public Awareness and Education

Bring marine science to communities by showcasing fin whales and other species, highlighting their biology, behavior, and conservation needs.

2. Promote Marine and Watershed Conservation

Interactive displays reveal how land-based activities affect ocean health, illustrating the land-to-sea connection through models of rivers, creeks, and wetlands. Visitors learn about threats like entanglement, pollution, and habitat loss.

3. Support Local Conservation Efforts

Partner with schools, environmental groups, and community organizations to connect visitors with local research, whale rescue, and restoration projects.

4. Create Hands-On Learning with Lasting Impact

The mobile exhibit provides immersive experiences that inspire stewardship and tangible actions—reducing waste, restoring habitats, and protecting native species

Project Logistics: how will the project be completed?

Approach: The mobile whale skull exhibit combines conservation education and community engagement through an interactive traveling display. The centerpiece—a juvenile minke whale skull/mandibles—will be mounted in a custom trailer with protective plexiglass, allowing safe transport to schools and public events.

Implementation Stages:

Fabrication: Design and fabricate mount for displaying skull and other specimens

Education Development: Create interpretive panels, QR-linked videos, and classroom kits illustrating whale ecology and land-to-sea connection.

Outreach: Launch at Whalefest Monterey, the Migration Festival, and Santa Cruz school programs, rotating across the region year-round.

The exhibit delivers lasting impact by bringing marine science to diverse audiences while highlighting how watershed health sustains ocean ecosystems. Cost-effective and durable, it will serve for years as a mobile learning asset promoting stewardship of Central Coast habitats and wildlife.

Project Completion Timeline

Winter–Spring 2026: Fabricate exhibit. Summer 2026: Exhibit Complete. Fall 2026 - Continued Outreach

Applicants Background.

MLS is a nonprofit dedicated to protecting marine wildlife through research, education, and whale rescue. Our mission is to inspire and empower the public to take action in preserving marine life and habitats for future generations, with a focus on the Monterey Bay National Marine Sanctuary.

We co-founded and lead the Whale Entanglement Team (WET)®, responding to whales caught in fishing gear and collaborating with NOAA and partners to protect endangered species like humpbacks and blues.

Our federally permitted marine mammal research and outreach programs—through events like Whalefest Monterey, the Migration Festival, and classroom presentations—foster public understanding, stewardship, and appreciation for the ocean and its wildlife.

Mobile Whale Skull Display



BENEFIT GIFT SHOP

Dive into a treasure trove of marine themed gifts. We showcase local artists to highlight and promote their talent. All proceeds help support our programs.



CONFERENCE CENTER

Host your next special presentation, meeting, community gathering, or celebration at this unique venue. We will be hosting a wide variety of scientific presentations.

Small Room - 202 sqft
Large Room - 1,032 sqft



EXPLORATORIUM

COMING SOON!

The Exploratorium will allow visitors to immerse themselves in the world of marine wildlife. You will be able to see and touch real specimens, learn about whales and dolphins, and stay up to date with current research. It will feature hands-on activities, exhibits, and informational displays about whales and other marine wildlife.

8142 Moss Landing Rd., Moss Landing, CA 95039



If you or someone you know is interested in sponsoring our space, please reach out! We'd be happy to offer a tour of the facility. Thank you for your support!

REPORT MARINE MAMMALS IN DISTRESS

24 hour Toll Free Hotline
877-SOS-WHALE (767-9425)
or hail the US Coast Guard on VHF CH-16



DONATE

Marine Life Studies is a 501(c)(3) nonprofit organization. All donations and gifts are tax deductible within the scope of current IRS rules. Please consider making a much appreciated donation to directly support our research, education and whale rescue programs. Over 90% of all donations go directly to our projects.

If you can't give, but still want to support our cause, please share our work with your friends, family, and coworkers. Thank you in advance!



@MarineLifeStudies



Marine Life Studies



Monterey Bay
Marine Life Studies



@MLSnewsplash



Marine Life Studies



MarineLifeStudies831

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MARINE LIFE STUDIES



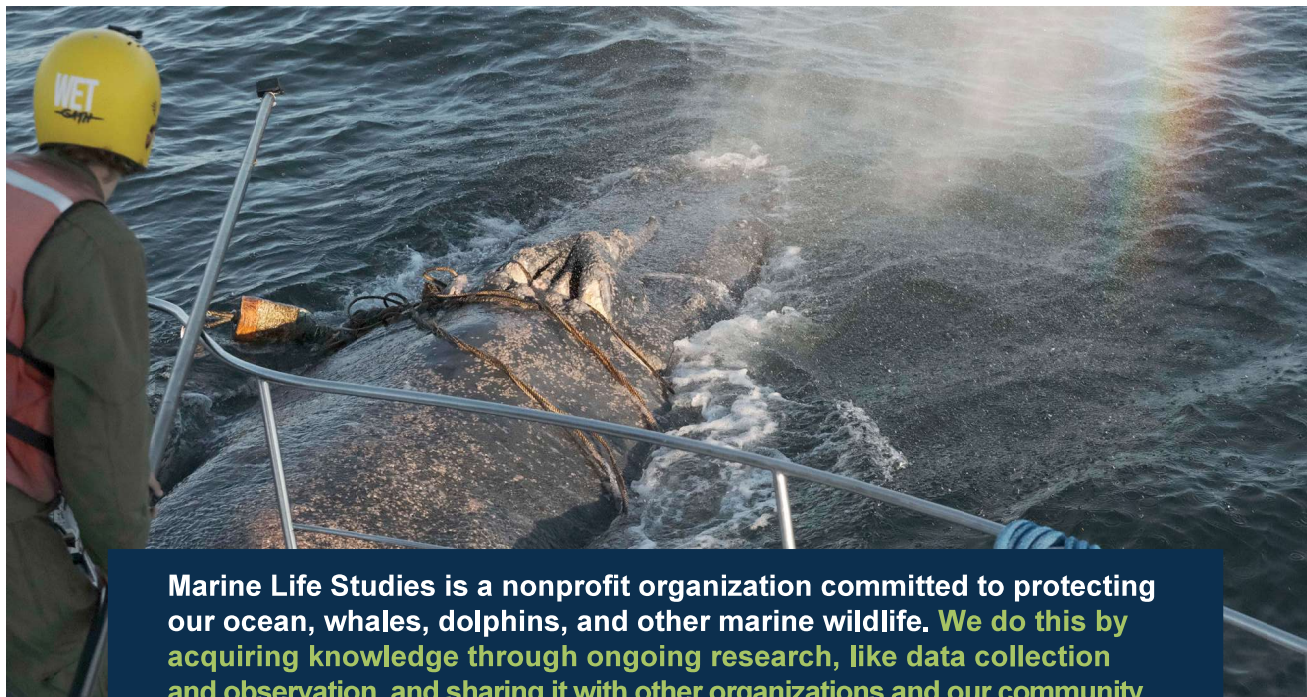
RESEARCH, EDUCATION AND WHALE RESCUE



Inspiring the public to protect the ocean, whales, and dolphins



MarineLifeStudies.org



Marine Life Studies is a nonprofit organization committed to protecting our ocean, whales, dolphins, and other marine wildlife. We do this by acquiring knowledge through ongoing research, like data collection and observation, and sharing it with other organizations and our community so we can inspire the next generation of passionate conservationists.

RESEARCH

We record meticulous data which goes into an extensive database to track behavioral and migratory habits of marine life in the Monterey Bay National Marine Sanctuary. We share this data with the National Oceanic and Atmospheric Administration, other researchers, conservation groups, and students to expand our knowledge base and provide the baseline necessary to implement effective conservation strategies and educational programs.

WHALE RESCUE

We established the Whale Entanglement Team (WET)® to quickly respond when a whale becomes entangled in fishing gear or marine debris. We collect extensive data during entanglement responses that is critical to facilitate new practices, tools, and gear to mitigate future entanglements. In addition to responding to active entanglements, we developed a proactive prevention program to remove lost or abandoned fishing gear from the Monterey Bay National Marine Sanctuary. This project will reduce the likelihood of potential entanglements of whales, dolphins, sea turtles, sharks, and other marine wildlife, many of which are on the Endangered Species List.

EDUCATION

Our Ocean Literacy Education Programs encourage the public, especially children, to learn about, care for and protect our ocean and the marine life that depend on it. Our Research Scientist Program teaches skills needed to be a marine researcher while our community programs provide education on cetaceans, whale entanglements, marine debris and pollution. Our *Take it to the Streets*™ program encourages community cleanup in inland areas to eliminate pollution before reaching the ocean through storm drains and local watersheds.



WHALE ENTANGLEMENTS

The local and global economy has benefited greatly from the fishing industry in the last century. The fallout of this booming business are the creatures of the sea: whales, sea turtles, and dolphins who, during their journeys in the sea, find themselves tangled in fisheries like discarded nets and lines. These animals get entangled and have no real way of freeing themselves, often dragging the gear with them for miles. Sometimes the gear becomes anchored to the sea floor, impeding the whale from swimming and feeding. This is basically a death sentence for marine life, but that's where we come in.

We established the Whale Entanglement Team (WET)®, a group of trained individuals to rescue whales from a slow, painful death due to life-threatening entanglements. Our Whale Rescue Research Vessel, *Current'Sea*, is fully equipped with all the necessary tools for a complete disentanglement response. This "whale disentanglement ambulance" has been critical to our success in saving whales every year.



WhaleEntanglementTeam.org



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GRANT INFORMATION: PROPOSAL

This information will be included in public documents

Project Name: Resolving Human-Wildlife Conflicts in Santa Cruz County

Date: 10/15/25

Applicant name
or Organization: International Bird Rescue

Project Description:

We respectfully request renewed support for a small portion of the costs of necessary, clinic and medical supplies, and veterinary care costs, to provide temporary emergency treatment for ~300 native, wild, aquatic birds (many that live in riparian habitats) rescued from Santa Cruz County and transferred to us by local organizations for care.

Funding Requested	7500
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ITEMIZED BUDGET ITEMS	Requested Funds	Matching Funds	Total Amount
Veterinary & rehabilitaton staff salaries/wages	4500	79,974	84,474
Clinical and Medical Supplies, incl. food	1000	13,914	14,914
Utilities for stable clinic & rehab environment	2000	18,938	20,938
Depreciation and insurance		10,099	10,099
Travel and transit		3809	3809
Facilities, vehicles, and equipment		6603	6603
Outside services (lab work), general expenses		268	268
TOTAL AMOUNTS	7500	133,605	141,105

Each item description should be sufficient to clearly define the full item. In addition to funds being requested, note any matching funds committed to the proposed project.

For each section, provide a brief written response.

Background of the issue being addressed

Experts agree that birds are in a global crisis of survival. Threats are mostly human-caused, including habitat disruption/loss, starvation, cruelty, pollution (incl. plastics, oil, chemicals), fishing, and deadly Highly Pathogenic Avian Influenza (Bird Flu) virus. Our area is important to hundreds of species of aquatic birds because of our central location on the Pacific Flyway migratory route. Negative impacts here, like repeated Brown Pelican crises, have concentrated effects in regional and global biodiversity.

Project Goals

1: Address multiple elements of CA Fish and Game Code. 2: Provide residents and wildlife with immediate, effective, ethical, and free-to-the-public solutions to the problem of native aquatic birds harmed by human impacts. 3: Maintain peak readiness to respond to unpredictable-yet-inevitable crises, such as the 2024 & 2025 Pelican Crises. 4: Act as the regional “referral hospital,” annually treating 90+ species and ~1,750 cases (~300 from Santa Cruz County) that are beyond the capacity or skills of others.

Project Logistics: how will the project be completed?

We efficiently and effectively rescue so many wild birds because of our world-class protocols, developed through 54 years of direct, hands-on, professional experience:

1. Rescue: transport by volunteers, citizens, and other rescue agencies to our Center
2. Triage Assessment: by professional vet staff (vital signs, blood work, treatment plan)
3. Medical Intervention: after the first 24 hrs in care so that initial capture trauma abates
4. Recovery: treated birds go to recovery area where their progress is closely monitored
5. Rehabilitation: birds heal wounds & gain strength in predator-proof aviary enclosures
6. Release: back into the wild at species-appropriate locations

Project Completion Timeline

This project is annual and ongoing. Our fiscal year begins October 1 and runs through September 30.

Applicants Background.

We are a regional and global conservation organization, founded in 1971 right here in the Bay Area in response to a massive oil spill that covered 50 miles of coastline on all sides of San Francisco Bay, effecting between 7,000 and 15,000 birds. Since then, we have become a global leader in addressing man-made disasters affecting marine wildlife, such as oil spills and debris, and have pioneered life-saving techniques to address ongoing, daily, human impacts on aquatic birds. See attached for more detail.



**Supplemental Information for the
Santa Cruz County Fish and Wildlife Advisory Commission:
*Resolving Human-Wildlife Conflicts in Santa Cruz County***

1. Funding Request and Project Description

International Bird Rescue respectfully requests renewed support of \$7,500 from the Santa Cruz County Fish and Wildlife Advisory Commission. The goals of this project are to:

1. Addresses multiple elements of CA Fish and Game Code (13103 b, c, and i)
2. Provide residents and wildlife with immediate, effective, ethical, and free-to-the-public solutions to the problem of native aquatic birds harmed by human impacts.
3. Maintain peak readiness to respond to unpredictable-yet-inevitable crises, such as the 2024 and 2025 Brown Pelican Crises.
4. Act as the regional “referral hospital,” annually treating 90+ species and ~1,750 cases (~300 from Santa Cruz County) that are beyond the capacity or skills of others.

As the "referral hospital" for over a dozen Northern California Counties, we treat the most challenging cases that are beyond the capacity or skills of other regional wildlife centers and clinics, and receive hundreds of birds from other local rescues and rehabilitation centers and from the general public for treatment at our Wildlife Center, including from our trusted partners at Native Animal Rescue of Santa Cruz County ***as described in these news stories from Lookout Santa Cruz and KQED Radio:***

<https://lookout.co/young-pelicans-are-turning-up-starving-in-santa-cruz-county-scientists-are-working-to-understand-why/story>

<https://www.kqed.org/science/1996948/californias-pelicans-are-once-again-starving-this-year-its-the-babies>



Our San Francisco Bay-Delta Wildlife Center admits ~1,750 local, native aquatic birds annually, and releases them back into the wild once they are successfully rehabilitated. We typically received ~300 birds annually from Santa Cruz County (**second only to Los Angeles County**). Locations of rescue include Santa Cruz, Aptos, Capitola, Watsonville, Pajaro Dunes, Davenport, Ben Lomond, and Soquel.

We treat over 90 different species of aquatic birds such as Common Murres, Snowy and Great Egrets, Green and Great Blue Herons, Brown Pelicans, and **endangered and near-threatened species** such as Western Snowy Plovers. Common causes of injury include orphaned, starvation from loss of habitat, fishing hook and line entanglements, and blunt force traumas from human cruelty or hit by vehicles.

The patients we treat are critical to riparian conservation. They are the living, natural, native resources that habitat conservation and other activities seeks to support. Our scientific data provides strong evidence that the patients that we successfully rehabilitate lead lives that are long and productive, participating in normal species behavior such as producing and rearing offspring, and propagating future generations. These outcomes are important components of a balanced ecosystem.

2. Meeting the Requirements of Section 13103 of the Fish & Game Code

Our work addresses **multiple elements** of California Fish and Wildlife Code Section 13103. **The proposed project is a direct expression of 13103(b): “Temporary emergency treatment and care of injured or orphaned wildlife.”** The individual animals we return to the wild propagate future generations. When we work with Animal Control Officers and Game Wardens, we also address element **13103(c): “Temporary treatment and care of wildlife confiscated by the department as evidence.”**

Our Avian Rehabilitation and Research, and our Wildlife Emergency Preparedness and Response programs protect and restore local wildlife populations, especially when human impact has negatively affected those populations and individual animals. Research leads to innovations and new standards in wild animal care (**13103(i)**). In addition, our public education and outreach efforts reach over 100,000 people annually through numerous social media channels and real-time events (**13103(a)**).

3. Project Need

Birds are sensitive indicators of changes in our environment, and their health is failing. Experts around the world agree that aquatic birds are in crisis:

- *“Since the 1970’s, [North America] has lost **3 billion birds**” (Science, 2019)*
- *“H5N1 high pathogenicity avian influenza (also known as HPAI or “Bird Flu”) is currently causing **unparalleled mortality of wild birds and mammals worldwide with threats to population levels for some species already under multiple anthropogenic [human-caused] pressures. [The current and evolving variants are] expected to continue to spread and cause further negative conservation impacts**” (The United Nations-led [Scientific Task Force on Avian Influenza and Wild Birds](#), 2023).*

Most negative impacts are human-caused; they include injury from fishing (hooks, nets, and lines), human cruelty, illegal shootings, habitat disruption and loss, starvation, pollution (including plastics, chemicals, and oil spills), and **climate change induced hazards such as drought, algae bloom toxicity, and the [accelerated spread of infectious diseases](#)**.

California is especially important to hundreds of species of aquatic birds (many that are endangered or threatened) because of its central location on the Pacific Flyway: a major North-South migratory route along the coasts of North and South America. Immediate impact here has concentrated, long-term effects on the global wildlife population.

Despite these challenges, intervention makes a difference. It is why International Bird Rescue is a first-line responder in the crisis facing birds at the local, regional, and international level.

4. Organizational Qualifications and Mission

Most people know us from our decades of responding to the world’s worst oil spills: Exxon Valdez in 1989, Deepwater Horizon in the Gulf of Mexico in 2010, and the Treasure Spill in South Africa in 2000 (which affected over 20,000 lives). **We also provide daily rescue and rehabilitation** to birds harmed by human impact, and have given second chances to over 170,000 avian lives. Today, we research best practices at our crisis response hospitals and share them worldwide, **and have pioneered life-saving techniques to address ongoing human impacts on aquatic birds.**

Our mission is to inspire people to act towards balance with the natural world by rescuing waterbirds in crisis. We dream of a world in which each person, every day takes action. Our goals are to:

- A) Minimize and mitigate human and industrial impact on wildlife
- B) Conserve local, regional, and global biological diversity
- C) Inspire environmental stewardship

We are a founding partner in the State of California's Oiled Wildlife Care Network (OWCN), as well as a member of the Global Oiled Wildlife Response System (GOWRS), a consortium of leading experts trying to solve the challenges of oiled wildlife. Other partners include local, state, and federal Fish and Wildlife departments, multiple Audubon Society chapters, local Animal Control agencies, and dozens of fellow rescue and rehabilitation partners.

5. Project Budget and Funding

Our \$7,500 request is based on Santa Cruz County community demand for our services, and the need for financial support to keep our work sustainable. Commission funds will partially offset the cost of service we provide *for free* to the people and wildlife of the County, and represents a reasonable and very modest portion of the project's annual costs of over \$140,000 in FY26, which are matched by others. We have successfully managed prior grants from the Commission, and completed all reporting.

We have strict financial controls that ensure that any invoice submitted to one funding agency is not submitted to any other agency. Our financial records are audited annually, and we consistently achieve "clean" audit opinions. While it is difficult to say in advance during the granting process with exact certainty what each future invoice will contain, examples of some typical food and supplies (and their costs) include:

- Enroquin tablets, 68mg x 250: \$247.55/bottle
- Clavacillin tablets (Clavamox), 62.5mg x 210: \$64.52/bottle
- Nitrile exam gloves, 100 count: \$6.43/box
- Meloxidyl, 1.5mg/ml x 200ml: \$105.02/bottle
- Clindamycin, 300mg quad x 100 count: \$43.50/bottle
- Peruvian Smelt, 30lbs/case x \$2.65/lb x 42 cases: \$3339.00
- IQF Pacific Herring, 16kg(35.3lb)/case x \$1.56/lb x 42 cases: \$2312.86

Since 2019, Fish and Game commissions in the counties of Alameda, Contra Costa, Napa, Solano, Sonoma, Marin, Monterey, Santa Clara, Los Angeles, San Diego, and Santa Barbara provided modest financial support of between \$2,500 and \$20,720 annually to help ensure that our ability to be an effective, efficient, regional resource is sustainable. Without such support, we will be unable to continue to conserve vulnerable, natural aquatic/riparian resources, and unable to maintain our readiness to respond to unpredictable-yet-sadly-inevitable environmental crises like oil spills and species crashes.

6. Permits Status

We are one of the few organizations that possess the federal permit to band birds. Throughout a bird's time with us, from their initial triage assessment to their release, we record data and track their progress using RaptorMed software. In addition, treated birds are banded so that other scientists, volunteers, and enthusiasts can track them in the wild, and in case a treated bird returns to us for further care. Data from the banding effort, as well as our internal data, are analyzed by our veterinary care team as part of ongoing research, and the results freely shared with fellow professionals and partners.

7. Contact Info

Phil Kohlmetz, Grants Coordinator
International Bird Rescue

Direct: 707-704-0350
Office: 707-207-0380

Email: grants@birdrescue.org
<https://www.birdrescue.org>



County of Santa Cruz

Health Services Agency ♦ Environmental Health



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EnvironmentalHealth@santacruzcounty.us

GRANT INFORMATION: PROPOSAL

*This information **will** be included in public documents*

Project Name: Ambassador Animal Enrichment

Date: 10-17-25

Applicant name
or Organization: Native Animal Rescue

Project Description:

We are an organization of expert rehabilitators who receive orphaned, sick and/or injured wildlife in our facility from concerned citizens. We care for wildlife with the goal of releasing healthy animals back into the wild. Over the past year we have expanded our educational program to more schools and organizations. We are in the process of adding an educational animal, a Kestrel, to our program who will require a separate structure from our raptors in rehabilitation, additional enrichment and require on-going veterinary care, food and equipment.

Funding Requested	\$3000.00
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ITEMIZED BUDGET ITEMS	Requested Funds	Matching Funds	Total Amount
Falconry Gloves x3 (Gauntlets)	\$305	\$250	\$555
Transport Carrier	\$60	\$221	\$281
Bowperch & Scale	\$270	\$172	\$442
Hood	\$0	\$82	\$82
Anklets, Jesses, grommets, etc	\$175	\$225	\$400
One Year of Food	\$740	\$400	\$1140
Housing (Aviary, Nest Box, Etc)	\$1200	\$500	\$1700
Enrichment (rope ladder, shredding materials,	\$250	\$126	\$376
TOTAL AMOUNTS	\$3000.00	\$1976	\$4976

Each item description should be sufficient to clearly define the full item. In addition to funds being requested, note any matching funds committed to the proposed project.

For each section, provide a brief written response.

Background of the issue being addressed

Over the last year Native Animal Rescue (NAR) has greatly expanded our education program. NAR now presents to all ages of children through school presentations, summer camps, KOA campground events and tabling at multiple community gatherings. Adults are also reached in our presentations through women's groups, library presentations, community tabling and presenting at events for local private organizations. A very important piece of our education is having an ambassador animal that provides an up close and personal encounter to help spark one's desire to conserve our wildlife and the habitat we share with them. Ambassador animals require life-long housing, care and food which is an extra financial burden for the organization. We provide these presentations at no charge to the community and therefore this is an additional expense on the budget.

Project Goals

NAR hopes to ignite more passion for wildlife and habitat conservation with an ambassador animal which will leave lasting impressions through presentations throughout the county. Through use of this grant we could ensure proper and continued care for the Kestrel. Although they are not endangered, the American Kestrel population is declining in North America and a cause has not been determined. We hope to bring awareness of this issue and encourage actions which promote conservation of the species and its habitat.

Project Logistics: how will the project be completed?

We received a Kestrel this year who had sustained an injury to her right wing. She is otherwise healthy but unable to fly and be released back into the wild. She has been examined by our veterinarian and deemed to be a good candidate for an ambassador animal. She is currently being handled by our raptor rehabilitator, training her to become handlable by others. Once permitting is complete she will visit classrooms and events across the county. She will be housed in a private aviary, away from birds which are being rehabilitated for eventual release. Daily enrichment will include time with her handler, shredding and foraging materials, rope ladders for climbing and multiple perching areas.

Project Completion Timeline

June 2026 for training but care will be ongoing

Applicants Background.

Native Animal Rescue was formed in 1979 and became a 501(c)(3) in 1980. It moved to its current location in 1993. We are the only organization licensed in Santa Cruz county by both the Federal and state of California Department of Fish & Wildlife to rehabilitate and release local wildlife. Our intake center receives animals 365 days a year from residents of the county of Santa Cruz, visitors, businesses, Animal Services, Police Departments, Lifeguards and State Parks. Our volunteers and small staff rescue animals, and receive and care for them in our center until they are ready to be released back to the wild. We also have a network of experience volunteers who provide rehabilitation on their properties. We celebrate the successful release of every animal we care for.



County of Santa Cruz
Health Services Agency ♦ Environmental Health



Fish and Wildlife Advisory Commission

701 Ocean Street, Room 312, Santa Cruz, CA 95060
(831) 454-3154 TDD/TTY -Call 711 www.sceeh.com
EnvironmentalHealth@santacruzcounty.us

GRANT INFORMATION: PROPOSAL

*This information **will** be included in public documents*

Project Name: Community-Driven River Health Days Date: 10/23/25

Applicant name
or Organization: Coastal Watershed Council (CWC)

Project Description:

The Coastal Watershed Council (CWC) is working to benefit native fish and wildlife habitat along the lower San Lorenzo River in Santa Cruz through the removal of highly invasive species and seeding of biodiverse native plants. To accomplish this, CWC uses a community-driven approach engaging diverse groups such as school-aged students from local elementary schools, people experiencing homelessness and more.

Funding Requested	\$5,000
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ITEMIZED BUDGET ITEMS	Requested Funds	Matching Funds	Total Amount
Personnel (Project management, coordination, volunteer recruitment and field instruction)	\$4,500	\$56,811	\$61,311
Materials & Supplies (tools, gloves, mulch, volunteer snacks, etc.)	\$500	\$7,472	\$7,972
Contracted services (native seed collection, hauling, security, etc.)	\$0	\$14,010	\$14,010
CWC actively pursues diverse funding sources to support this impactful program. Committed funds			
for the 2025-26 period to date include \$50,000 from the CA Coastal Commission's Whale Tail grant program			
but a significant gap remains that the County Fish and Wildlife Advisory Commission can help support!			
TOTAL AMOUNTS	\$5,000	\$78,293	\$83,293

Each item description should be sufficient to clearly define the full item. In addition to funds being requested, note any matching funds committed to the proposed project.

For each section, provide a brief written response.

Background of the issue being addressed

Starting from spring-fed headwaters in the Santa Cruz Mountains, the 29-mile long San Lorenzo River drains a 138-square mile watershed to the Monterey Bay National Marine Sanctuary. In its final 2.5-mile stretch, the river is channelized by a levee constructed in the 1950s that straightened and narrowed the river, drastically impaired the coastal estuary and left poor, compacted soils along its banks where invasive species have thrived. The loss of native riparian habitat compounded with urban challenges including nonpoint source pollution and the impacts of people experiencing homelessness living along the river corridor today challenge the riparian ecosystem in this watershed.

Project Goals

In 2025-26, CWC's goal for San Lorenzo River habitat improvement include: 1) Remove over 1,000 square feet of highly invasive species (as ranked by Cal-IPC), 2) Create 10 new native seed plots to improve biodiversity, 3) engage over 200 diverse volunteers including school-aged students, people experiencing homelessness and others.

Project Logistics: how will the project be completed?

CWC partners with the City of Santa Cruz and community groups to implement "River Health Day" volunteer events. CWC's River Ecologist develops an annually approved habitat enhancement plan and recruits, educates, and trains volunteers to execute it. The program includes the engagement of diverse groups such as youth events with CWC's elementary-aged Watershed Rangers, weekly sessions engaging people experiencing homelessness (previously in partnership with the Downtown Streets Team), monthly public events on second Saturdays, and scheduled group events with community partners. Activities address seasonal ecological needs, and staff measure outcomes including invasive species removal, species seeded and debris collected.

Project Completion Timeline

While an ongoing program, the goals and budget in this proposal span from July 2025 to June 2026

Applicants Background.

CWC is a local nonprofit with a mission to preserve and protect coastal watersheds, focusing on the lower San Lorenzo River. Its 30 years of watershed protection demonstrate a strong track record of grassroots, volunteer-driven initiatives that improve water quality and habitat. For the past 10 years, CWC has led habitat enhancement activities along the lower San Lorenzo River with diverse volunteer groups, making an impact on both the river ecosystem and community awareness. Volunteers learn to identify harmful invasive species and understand why native plants matter for thriving fish and wildlife habitats throughout Santa Cruz County. Thank you to the Fish and Wildlife Advisory Commission for your past support!



County of Santa Cruz
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GRANT INFORMATION: PROPOSAL

*This information **will** be included in public documents*

Project Name: WOLF School Student Salamander Study Date: 10/22/2025

Applicant name
or Organization: UCCR Web of Life Field (WOLF) School

Project Description:

UCCR Web of Life Field (WOLF) School has been conducting a salamander study with WOLF's participating students in partnership with Camp Monte Toyon in Aptos since 1998 that provides critical data on amphibian populations and forest health. This project has contributed to efforts to monitor long-term trends in amphibian abundance and distribution, helping identify areas where populations may be declining. By maintaining and improving survey sites and following standardized protocols, our program ensures that the data collected are scientifically robust and can inform conservation strategies for diverse forest ecosystems. Funding for this project will support updating survey materials, enhancing survey sites, and training staff to conduct these surveys with elementary aged students.

Funding Requested	\$1500
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ITEMIZED BUDGET ITEMS	Requested Funds	Matching Funds	Total Amount
Obtain, Cut & Replace Wooden Salamander Cover Boards	250	150	400
Buy & Place Cover Board Labeling Survey Flags for Salamander Sites	50		50
Wages (40 hour) to update survey sites & review protocols	1200		1200
Wages (4 hrs x 20 Employees) to train on protocols	0	2400	2400
TOTAL AMOUNTS	\$1500	\$2550	\$4050

Each item description should be sufficient to clearly define the full item. In addition to funds being requested, note any matching funds committed to the proposed project.

For each section, provide a brief written response.

Background of the issue being addressed

Salamanders play an important role in redwood and mixed evergreen forests around Aptos where they help regulate soil ecosystems and nutrient cycles by feeding on small invertebrates. Because they breathe through their skin and need moist, stable habitats, salamanders are sensitive to changes in temperature, moisture, and habitat conditions making them strong indicators of forest health. Since 1998, WOLF students have monitored salamanders at Monte Toyon, teaching students about local salamanders, conservation, and stewardship, while helping track population data to identify long-term trends in salamander diversity, climate impacts, and forest health. Data collected by students is available to schools, teachers, and state and national networks to help inform conservation strategies and support healthy redwood forest ecosystems.

Project Goals

The goal of this project is to enhance our two salamander study sites located within 100 feet of Mangels Creek at Camp Monte Toyon so WOLF School students can monitor presence or absence of salamanders and data collected can be used for education and to support efforts to track amphibian populations and forest health. Aging cover boards will be replaced, protocol reviewed and updated as needed, new markers installed, and educators retrained. Students who participate in the weekly study check cover boards, collect data, and add it to past data shared with educators, schools, and the scientific community. Our goal is to update the program which aligns with Next Generation Science Standards (NGSS) and allow students to gain meaningful experiences with wildlife while actively participating in scientific research and inspiring them to become stewards and future scientists.

Project Logistics: how will the project be completed?

The project is ongoing since 1998 with data being collected weekly from September to May when students are present at WOLF School Camp Monte Toyon. The project update will be completed by lead staff reviewing the Salamander Cover Board Protocol and updating it as needed. Then new boards will be obtained, trimmed to size, replaced, and labeled with new survey flags. Staff training will be planned and delivered to 20 staff naturalist teachers to update them on changes to the protocol and to review salamander identifications, best practices for teaching students to check cover boards, safety and expectations. Data will be added ongoingly to WOLF salamander data records and attending students will begin utilizing the salamander areas just after staff are completely trained. WOLF curriculum will also be revised to include any new protocols in other salamander-related educational activities including WOLF mock town hall meeting lesson, salamander songs, and habitat games and activities.

Project Completion Timeline

Project Completion Goal is March 1, 2026.

Applicants Background.

UCCR Web of Life Field (WOLF) School is a long-standing environmental education non-profit organization dedicated to building respect, appreciation, and stewardship within the web of life. Since 1989, WOLF School has provided hands-on experiential science education to K-12th grade students, with a strong track record in delivering high-quality outdoor learning programs in the forests at Camp Monte Toyon in Aptos. WOLF also operates several other Outdoor Science School programs--Camp SEA Lab in Aptos, Camp Arroyo in Livermore, and Camp Loma Mar in Pescadero, and serves over 10,000 students and summer campers yearly at its nature-based programs. WOLF has always had a healthy fascination with amphibians and strongly prioritizes salamander education and stewardship in the Santa Cruz area.

Fish and Wildlife Grant Supplemental Information

- Salamander Protocols Example (2 of 10 Pages)
- Example Student Data Sheet
- Coverboard Data Example
- Photos

Revised Protocol for Student Conducted Salamander Monitoring in the Coastal Redwood Ecosystem

Introduction

The purpose of this protocol is to provide a standardized and rigorous methodology for student monitoring of salamander populations in redwood habitat. The target audience for this protocol is adult teachers and program coordinators, who are expected to develop site- and group-specific instructions for student workers, as well as a reference for scientists analyzing or otherwise using data collected in the course of this program.

This protocol is itself subject to adaptive revision; however, all subsequent versions should be uniquely and chronologically labeled and curated, and stability should be the overarching objective, given that the goal of the project is to allow comparison across time periods up to twenty years or beyond. Whichever version may be in use, the protocol **MUST** be strictly adhered to. Any accidental deviations must be logged and this information must be permanently attached to the data either wholesale or via citation within the container (i.e. a note in the Excel spreadsheet).

The protocol has two modules: Basic Survey, and Survey for Fungal Pathogens.

.Basic Survey

. Overarching Methods and Assumptions

Salamanders will be surveyed through the use of **coverboards**, a well-tested survey method that has been demonstrated to be competent in coastal California forests to provide data on occupancy of two species of woodland (=lungless) salamanders of the family Plethodontidae: *Batrachoseps attenuatus*, and *Ensatina escholtzii*¹⁻³. Both species are known to be good indicators of forest condition⁴.

The fundamental **unit of analysis** will be the **coverboard**. Coverboards will be grouped into **arrays** of 15 boards, and arrays will be grouped into **sites** of 4 arrays. Arrays will be the **unit of comparison** among sites.

The dependent variable will be **number of individuals** nested within **species** within coverboard.

It is assumed, and has been confirmed by prior testing, that observer error is generally flat among boards and among workers. Therefore this protocol provides latitude for assignment of student workers in the following ways:

1. At minimum, one student may survey all boards in all arrays. More students may be assigned as they are available, in the interest of instructing a larger student base and promoting speed of survey. Other examples of student assignments are: One student per array; two students per array (observer and recorder); one student per coverboard + one recorder; two students per board (one observer, one recorder).
2. Individual students can be assigned sites, arrays or individual coverboards for more than one sampling session within season or across years. Alternatively, different students can be assigned to sites, arrays or coverboards across seasons and/or years.
3. Observers and recorders may trade off assignments.

B. Establishing sites.

Sites are established because they may potentially harbor salamanders. Salamanders may be known or suspected from the site at the time the site is identified, or else they may be expected in future as an outcome of restoration. Sites should be coastal redwood, although coastal Douglas fir, coastal oak, coastal scrub, coastal bay laurel, and/or coastal riparian can also be the dominant habitat at any particular site.

Sites should be located within a 2km² area within a single jurisdiction, e.g. within a State Park, National Forest unit, private campground, or other such area. Ideally the site should be sited such that all arrays share a common aspect, watershed and elevation.

Data from sites can be used to make conclusions intrinsic to the site; to make comparisons across sites; or to assess a rangewide trend.

Salamander Cover Board Data Sheet

DATE: 12/09/21

TIME: 2:58

WEATHER: clear, ^{skies} slightly chilly

Naturalist: Yaelia Cortez

School: Rocketship Discovery Prep

Site: MT Playing Field

MT Dining Hall

LB

Site/ Board #	ENSATINA (Yellow Eyed Salamander)	BATRACHOSEPS (Slender Salamander)	ANEIDES (Arboreal Salamander)	DICAMPTODON (Giant Salamander)	NOTES (Other amphibians, insects, small mammals, reptiles, etc.)
FOR MULTI-BOARD STACKS: Use separate line for each "floor" of the stack. Ex: For board 35, note levels as: under topmost board = 35-3; under 2nd board down = 35-2; under 3rd board down = 35-1; on ground under 4th board down = 35-G (for "ground floor")					
17		✓			redwood needle, redwood cone, lichen
18					redwood needle, redwood cone, lichen
19					
20					cricket, redwood needle, redwood cone
21					redwood needle, twigs, dirt
22	✓				redwood needles, redwood cone, dirt
23		✓			redwood needle, redwood cone, sticks
24	✓				redwood needles, mushroom, redwood cones
25					redwood, mushrooms, lichen
26					
27					beetle, spiders, dirt
28					ant spider webs, beetles, moss
29					spiders, mushrooms, spider webs
30					mushroom, redwood needle, beetle
31					under tree
32	✓				redwood needles, redwood cone, dirt
33					
34					fungi, redwood cones,
35					centipede, redwood cones, redwood needles
36		✓			redwood cones, redwood needles, dirt, sticks

Salamander Cover Board Data Sheet (Include all findings and non-findings on this page)

Site & Board #	4/13/21	Time	Weather	ENSATINA (Yellow Eyed Salamander)	BATRACHOSE PS (Slender Salamander)	ANEIDES (Arboreal Salamander)	DICAMPTODON (Giant Salamander)	Other (Salamanders, Insects, Etc.)	Notes
DH #17	1/11/23	2:30 PM	rainy, cold	0	0	0	0	wet duff	
DH #18	1/11/23	2:30 PM	rainy, cold	0	0	0	0	wet duff	
DH #19	1/11/23	2:30 PM	rainy, cold	0	0	0	0	redwood duff	
DH #20	1/11/23	2:30 PM	rainy, cold	0	1	0	0	mushroom	
DH #21	1/11/23	2:30 PM	rainy, cold	0	0	0	0	chinese centipede	
DH #22	1/11/23	2:30 PM	rainy, cold	0	0	0	0	duff	
DH #23	1/11/23	2:30 PM	rainy, cold	0	0	0	0	centipede	
DH #24	1/11/23	2:30 PM	rainy, cold	0	0	0	0	slope w/ creek running through	
DH #25	1/11/23	2:30 PM	rainy, cold	1	1	0	0		
DH #26	1/11/23	2:30 PM	rainy, cold	0	0	0	0	tree sap	
DH #27	1/11/23	2:30 PM	rainy, cold	0	0	0	0	worm, wet	
DH #28	1/11/23	2:30 PM	rainy, cold	0	0	0	0	redwood leaves	
DH #29	1/11/23	2:30 PM	rainy, cold	0	1	0	0		
DH #30	1/11/23	2:30 PM	rainy, cold	1	0	0	0		
DH #31	1/11/23	2:30 PM	rainy, cold	0	0	0	0	redwood leaves	
DH #32	1/11/23	2:30 PM	rainy, cold	1	1	0	0	mushroom	
DH #33	1/11/23	2:30 PM	rainy, cold	0	1	0	0	cricket	
DH #34	1/11/23	2:30 PM	rainy, cold	0	0	0	0	duff	
DH #35	1/11/23	2:30 PM	rainy, cold	0	0	0	0	duff	
DH #36	1/11/23	2:30 PM	rainy, cold	0	0	0	0	big puddle	
DH #37	1/11/23	2:30 PM	rainy, cold	0	0	0	0	ball of red sparkly sap	
PF #1	2/10/23	1:00 PM	sunny, cool, clear	1	1	0	0	Earthworms, ground beetle	disturbed, many boards are flipped over or seem to be far from
PF #2	2/10/23	1:00 PM	sunny, cool, clear	0	0	0	0		
PF #3	2/10/23	1:00 PM	sunny, cool, clear	0	0	0	0		
PF #4	2/10/23	1:00 PM	sunny, cool, clear	0	0	0	0	camel cricket	
PF #5	2/10/23	1:00 PM	sunny, cool, clear	0	0	0	0		
PF #6	2/10/23	1:00 PM	sunny, cool, clear	0	0	0	0		
PF #7	2/10/23	1:00 PM	sunny, cool, clear	0	0	0	0		
PF #8	2/10/23	1:00 PM	sunny, cool, clear	1	0	0	0		
PF #9	2/10/23	1:00 PM	sunny, cool, clear	0	0	0	0	millipede, earthworm	
PF #10	2/10/23	1:00 PM	sunny, cool, clear	0	0	0	0	earthworm	
PF #11	2/10/23	1:00 PM	sunny, cool, clear	0	0	0	0	mole cricket	
PF #12	2/10/23	1:00 PM	sunny, cool, clear	0	0	0	0		
PF #13	2/10/23	1:00 PM	sunny, cool, clear	0	0	0	0		
PF #14	2/10/23	1:00 PM	sunny, cool, clear	0	0	0	0		
PF #15	2/10/23	1:00 PM	sunny, cool, clear	0	0	0	0	ground beetle	
PF #16	2/10/23	1:00 PM	sunny, cool, clear	0	0	0	0		
PF #1	2/17/23	12:00 PM	nice, chilly	0	1	0	0		
PF #2	2/17/23	12:00 PM	nice, chilly	0	0	0	0		
PF #3	2/17/23	12:00 PM	nice, chilly	0	0	0	0		
PF #4	2/17/23	12:00 PM	nice, chilly	0	0	0	0		

Salamander Cover Board Data Sheet (Include all findings and non-findings on this page)

Site & Board #	4/13/21	Time	Weather	ENSATINA (Yellow Eyed Salamander)	BATRACHOSE PS (Slender Salamander)	ANEIDES (Arboreal Salamander)	DICAMPTODO N (Giant Salamander)	Other (Salamanders, Insects, Etc.)	Notes
PF #5	2/17/23	12:00 PM	nice, chilly	0	0	0	0		
PF #6	2/17/23	12:00 PM	nice, chilly	0	0	0	0		
PF #7	2/17/23	12:00 PM	nice, chilly	0	0	0	0		
PF #8	2/17/23	12:00 PM	nice, chilly	0	0	0	0		
PF #9	2/17/23	12:00 PM	nice, chilly	0	0	0	0		
PF #10	2/17/23	12:00 PM	nice, chilly	0	0	0	0		
PF #11	2/17/23	12:00 PM	nice, chilly	0	0	0	0		
PF #12	2/17/23	12:00 PM	nice, chilly	0	0	0	0		
PF #13	2/17/23	12:00 PM	nice, chilly	0	0	0	0		
PF #14	2/17/23	12:00 PM	nice, chilly	0	0	0	0		
PF #15	2/17/23	12:00 PM	nice, chilly	0	0	0	0	beetle	
PF #16	2/17/23	12:00 PM	nice, chilly	0	0	0	0		
DH #17	2/28/23	3:00 PM	rainy, cold	0	0	0	0	cricket	
DH #18	2/28/23	3:00 PM	rainy, cold	0	0	0	0		
DH #19	2/28/23	3:00 PM	rainy, cold	0	0	0	0	worms	
DH #20	2/28/23	3:00 PM	rainy, cold	0	1	0	0	cricket	
DH #21	2/28/23	3:00 PM	rainy, cold	0	0	0	0	fungus, spider	
DH #22	2/28/23	3:00 PM	rainy, cold	0	0	0	0	sap	
DH #23	2/28/23	3:00 PM	rainy, cold	0	0	0	0	bugs	
DH #24	2/28/23	3:00 PM	rainy, cold	0	0	0	0		
DH #25	2/28/23	3:00 PM	rainy, cold	0	0	0	0		
DH #26	2/28/23	3:00 PM	rainy, cold	0	0	0	0	sap	
DH #27	2/28/23	3:00 PM	rainy, cold	0	0	0	0		
DH #28	2/28/23	3:00 PM	rainy, cold	0	2	0	0	beetles	
DH #29	2/28/23	3:00 PM	rainy, cold	0	0	0	0	flooded	
DH #30	2/28/23	3:00 PM	rainy, cold	1	0	0	0		
DH #31	2/28/23	3:00 PM	rainy, cold	0	0	0	0		
DH #32	2/28/23	3:00 PM	rainy, cold	1	0	0	0		
DH #33	2/28/23	3:00 PM	rainy, cold	0	0	0	0		
PF #1	3/1/23	unrecorded	clear, cold	0	0	0	0	worm	
PF #2	3/1/23	unrecorded	clear, cold	0	0	0	0	hopping insects, earthworm	
PF #3	3/1/23	unrecorded	clear, cold	0	0	0	0	wet dirt	
PF #4	3/1/23	unrecorded	clear, cold	0	0	0	0	worm, sider, hopping insects	
PF #5	3/1/23	unrecorded	clear, cold	0	0	0	0	tiny centipede, wet	
PF #6	3/1/23	unrecorded	clear, cold	0	0	0	0	flying insects	
PF #7	3/1/23	unrecorded	clear, cold	0	0	0	0	worm, spider	
PF #8	3/1/23	unrecorded	clear, cold	0	0	0	0	wet, flower, sticks	
PF #9	3/1/23	unrecorded	clear, cold	0	0	0	0	fungi, sprout	
PF #10	3/1/23	unrecorded	clear, cold	0	0	0	0	jumping bugs	
PF #11	3/1/23	unrecorded	clear, cold	0	0	0	0	wet, bugs, leaves	
PF #12	3/1/23	unrecorded	clear, cold	0	0	0	0	mud bubble, bugs	

