



BEYOND THE BREACH

Findings, impacts and news of Pacific Whale Foundation | 2019 | Q1



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LETTER FROM THE DIRECTOR



What an incredible whale season it's been for Maui and Chile! On behalf of our staff, Board of Directors and volunteers, thank you for believing in our mission to protect the ocean through science and advocacy and to inspire environmental stewardship.

January through March marks the peak season for Hawai'i humpback and Chilean blue whales. This time of year always reminds me how important marine mammals are to our world and yet how much harm is still done to them. I have a deep desire for my daughter to experience the wonder of a humpback whale breach and to admire the largest mammal on earth – a blue whale – when she is an adult. I want her to know that I took steps to rectify the problems that our growing population has created. Although the task may be daunting, we will persist because saving our oceans is necessary for our own survival.

As our quarterly chronicle of Pacific Whale Foundation news and impacts, *Beyond the Breach* offers us another way of connecting with our members and supporters. At the heart of our core nonprofit work in research, education and conservation are the relationships that we build and learn from along the way. Your support makes our cause stronger and helps us all get closer to achieving our mission. Thank you for caring about our oceans and their inhabitants.

This season on Maui we expanded our *Great Whale Count* by partnering with NOAA's *Sanctuary Ocean Count* in an exciting collaboration. While we documented more whales and calves over the prior year, the rates of humpback whales in Hawai'i and southeast Alaska have declined since being delisted from the Endangered Species List in 2016. A new project with the University of Hawai'i (p.8) is now helping us better understand this trend.

Our support of the *Alfaguara Project* studying Chilean blue whales (p.9) is helping to shape global conservation actions. This season's results will be presented to the International Whaling Commission Scientific Committee in May.

We inspired environmental stewardship this season through the *Maui Whale Festival* (p.4), a signature Maui event dating back to 1980. The 39th annual Festival, now a month-long event held at the height of humpback whale season on Maui, was designed to be a powerful vehicle of collaboration. We were inspired to bring attention to important issues such as the endangered Hawaiian false killer whale, the shark finning industry, plastic marine debris and marine mammal entanglement. Thank you for attending these events and doing your part to learn about, protect and celebrate marine animals living wild in their natural habitat.

Looking forward this year, we will be expanding our *The Last Straw* conservation campaign in Hawai'i and Australia to highlight what we can do to reduce other single-use plastics in our oceans (p.10), and we are moving into our second year of educating future ocean advocates through our new *Plastic Pollution Solutions* program. Our education efforts are also expanding to include more science courses on the water for elementary and intermediate students (p.16). Finally, we are looking forward to our swim-with humpback whale research in Australia and humpback whale research in Ecuador continuing this summer (p.8-9).

Your support is fundamental in making these critical programs and research projects happen. We look forward to the opportunity to work together as we gain momentum in 2019!

Kristie Wigglesworth
Executive Director, Pacific Whale Foundation



OUR MISSION

The mission of Pacific Whale Foundation is to protect the ocean through science and advocacy and to inspire environmental stewardship.

OUR VISION

Our vision is to be the people's environmental organization for the protection of the world's whales, dolphins and other marine animals living wild in their natural habitat.

We believe that it is essential to involve the public in our mission. We encourage you to become a part of our global community of people who care about the future of our oceans and marine wildlife.

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PacificWhale.org



connect with us

BE THE CHANGE

Join our 'ohana (extended family) to exchange information and ideas on how to protect the world's marine animals.

PacificWhale.org/member



Run & Walk for Whales
 "I participated in the Run & Walk for Whales to support a cause that I believe in. I have supported Pacific Whale Foundation for years and will continue to do so. I would like to thank everyone for working together and making it all possible."

Radine Boss
 Anchorage, AK



Kihei 4th Friday Celebrates Maui Whale Festival



World Whale Film Festival
 "What an amazing night, truly beautiful films and stories, and nice to chat with people who are aware of the changes that we need to make to create a better future for our oceans. I left feeling inspired and excited to keep spreading awareness and action! Mahalo for the invitation to participate and let us know if there are other ways to support the PWF in the future!"

Paige Alms
 Big Wave Surfer | Trashy Selfie Project



Kihei 4th Friday Celebrates Maui Whale Festival
 "I can say we saw about a 100% increase in the number of kids we reached. Our hands on display and interactive goodes were a hit and, for the first time, we had a line of kids waiting. This event was a total hit for us and we'd love to see it happen again!"

Ayla and Robert Whalen
 4 Kids Quick Science LLC



Wild & Wonderful Whale Regatta



Kihei 4th Friday Celebrates Maui Whale Festival



Photo Safari

Great Whale Count
 "I had a great time helping out; I appreciated how well organized the event was. I look forward to volunteering again next year!"

John Owens
 Volunteer



Keiki Concert Cruise
 "We loved the event! The 6 year old liked the music and the older ones enjoyed the boat and the whales. We even saw a school of flying fish! It was a great experience for all of us and a great value! Thank you so much."

Tammy Gruenes
 Passenger



John Cruz Concert Cruise
 "Everyone who went with me on the cruise said it was the highlight of their trip to Maui this year. Of course John Cruz happens to be one of our favorite Hawaiian singer songwriters and he made the evening extra special. The sunset, the whales, the music and the crew made it a wonderful evening we won't soon forget. I recommended your cruises to everyone. We will be back."

John Waldorf
 Passenger



Storytime at Kihei Library
 "Thank you for the wonderful program, we had a huge group! I loved the music, the story, the information and the spirit of the event."

Kathleen Ageton
 Youth Service Librarian | Kihei Public Library

Visit MauiWhaleFestival.org for more 2019 highlights and stay tuned for our 40th anniversary schedule of events!

CHECK US OUT AT **MAUI OCEAN CENTER**

We are proud partners of the new *Humpbacks of Hawai'i Exhibit Hall* at Maui Ocean Center, where a live display of our *Whale & Dolphin Tracker* sightings are available for viewing.

Whale & Dolphin Tracker is a FREE mobile app created by Pacific Whale Foundation to collect scientific data about marine wildlife in the four-island region of Maui, Kaho'olawe, Lana'i and Moloka'i as well as in Hervey Bay, Australia.

Members of the public use the app to participate in our research as citizen scientists by submitting marine wildlife sightings from any location around the world, allowing sightings to be logged in real time, with a full GPS track and the ability to upload photos from a mobile device. These contributions add to a global database that is helping researchers track and monitor cetaceans, determine patterns of species distribution and study marine animal interactions with their environment.

Become a Citizen Scientist - Download the app today from the App Store or from Google Play.

WHALE & DOLPHIN TRACKER

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Download a Citizen Scientist. Download the app today from the App Store or from Google Play.

LEARN MORE PACIFICWHALE.ORG

NEXT UP! WORLD OCEANS DAY 2019



SATURDAY, JUNE 8, 2019

World Oceans Day is Saturday, June 8! Join any number of PWF events for adults and children, including a free citizen scientist microplastic monitoring ecotour, beach cleanups in collaboration with Surfrider Foundation, a special drop-in *Ocean Camp*, art contests, a big event at Maui Brewing Co. and SO MUCH MORE.

Visit PacificWhale.org/events for details.

LET US KNOW

Please let us know how you're celebrating World Oceans Day in your local neighborhood!



BECAUSE OF YOU



Education Program champions Terry & Carole Reinhold aboard a Keiki Whalewatch with Education Manager Robyn Ehrlich

To date, an estimated 13,000 students have gone through the Keiki Whalewatch program, with participation increasing every year.

- 2015: 1,348
- 2016: 1,922
- 2017: 2,584
- 2018: 3,253



ANNUAL ONLINE AUCTION

Want to help? Pacific Whale Foundation's 2019 *Online Auction* will be open for bidding in November, which benefits our Education Program.

Contact us today to donate items, experiences and more for bidding – or – donate now at PacificWhale.org.

ADOPT-A-WHALE FOR A CLASSROOM

Help a classroom of your choosing learn and be inspired.

PacificWhale.org/adopt-a-whale

EDUCATION PROGRAM NEWS

3,253 KEIKI WHALEWATCHERS THIS SEASON!

For over 10 years, our *Keiki Whalewatch* program has provided science enrichment and awe-inspiring experiences to Maui schools. In the last year, we have successfully expanded the program to schools in the neighboring islands of Lānaʻi and Molokaʻi.

With the goal of developing a generation of leaders who know and care for the marine environment, the program offers a highly subsidized opportunity for schoolchildren to learn about whales living wild in their natural habitat. *Keiki Whalewatch* features include a customized ecotour and classroom program with standards-based, grade-level appropriate activities for students from pre-K to high school. For many participants, this is their first time seeing humpback whales from a boat.

Through a generous donation from the *Reinhold Family Foundation* and the support of our 2018 *Online Auction*, we achieved our objective of sustaining this program into 2019 and helping to ensure that Maui County children are able to enjoy outdoor environmental education programs.

“Our hope is that by the time they graduate high school, every child in Maui County has come through the program,” says Education Manager Robyn Ehrlich. “We were very excited to continue to bring Keiki Whalewatch to Molokaʻi and Lanaʻi this season and are working hard to make the program more accessible to Hāna schools and other communities in East Maui.”

This Whale Season's Participating Schools:

Children of the Rainbow Nursery & Preschool, Children's Garden Preschool, Ha'ikū School, Hāna School, Horizons Academy, Iao Intermediate, Imua Inclusion Preschool, Kalama Intermediate, Kamali'i Elementary, Kamehameha Schools, Kihei Charter School, Kihei Elementary, Kilohana School, Kualapu'u Charter School, Kula Elementary, Lāna'i High and Elementary, Lihikai Elementary, Lokelani Intermediate, Makawao Elementary, Maui Christian Homeschool Co-op, Maui High, Maunaloa School, MEO Head Start, Montessori Schools, Pā'ia School, Princess Nāhi'ena'ena, St. Anthony School, Tūtū & Me Traveling Preschool, Waihe'e Elementary, Wailuku Elementary, Wailuku Union Preschool.



IMPACTS

Teaching in nature awakens enthusiasm, focuses attention, offers direct experience and shares inspiration.

• Our hands-on approach allows students to engage in kinesthetic learning and provides educators with a unique opportunity for enrichment.

• Observational learning occurs through watching others, retaining the information, and then later replicating the behaviors that were observed.

EDUCATOR FEEDBACK

“Thank you so much for AMAZING whale watches. The students loved seeing the whales and being on the boat. Many of the students have never been on a boat before. It was such an impactful experience for them; I cannot thank you and your staff enough!”

- Kristen Lawlor, Kahului Elementary School

“OMG!! What an AMAZING whale experience we had this year!! Just wanted to follow-up and express our most sincere “thank you” for working with us and providing this opportunity for our school. The classroom activity was very engaging - thank you so much for all your work in coordinating and bringing this opportunity to our keiki.”

- Joanie Tanabe, Kilohana Elementary School



ECUADOR | THE FIGHT FOR MARINE LIFE

Asamblea Nacional @Asamble... · 3h
 #CristinaFranco, representante de @PacificWhale, expone en el Grupo Parlamentario @AnimalGP. Señala que en los últimos meses, en #PuertoLópez, provincia de #Manabí, se registró la presencia de 60 mil turistas, lo que significó ingresos por 4 millones de dólares para el país.



Institute) to educate the authorities and the general public about the suffering of dolphins in captivity. Captivity is incompatible with the innate needs of a dolphin.

Pacific Whale Foundation Ecuador, led by Research Director Cristina Castro, is continuing the year-long fight to prevent the construction of a dolphinarium in Ecuador. There have been several meetings in the National Assembly and PWF has hosted meetings with Congresswoman Karina Arteaga, Cristina Cely (Movimiento Minimalista), Dr. Godfrey Merlen (Sea Shepherd) and Dr. Naomi Rose (Animal Welfare

“We are proud to fight for the health of marine life and be a sponsor of such an important initiative,”

- Dr. Cristina Castro
 Pacific Whale Foundation Ecuador Research Director

Dolphins are large-brained, cognitive animals with emotions and personalities. They live in complex societies in the open ocean where they chase their prey for hundreds of kilometers a day. In dolphinariums, they have no choice but to eat dead fish and swim in endless circles around their tank. This life in captivity has a plethora of devastating consequences for them, including depression, self-harm, erratic/destructive behavior, and a significantly shorter life span. There is no benefit to captivity that outweighs these consequences.



CHILE | EXCITING MOMENT



An exciting moment has occurred in the world of cetaceans with help from our partners in Chile, the Center for Cetacean Conservation (CCC) — a nonprofit organization

working to guarantee the long-term existence of endangered blue whales.

This January, researchers embarked on a quest to gather genetic samples from a group of killer whales, referred to as *Type D*, that were previously known only from amateur photographs, fishermen’s descriptions, and a beaching incident in 1955. Compared to other killer whales, they have a more rounded head, longer and more pointed dorsal fin and much smaller white eyespot. In the past, it was theorized that these unusual

killer whales were only a genetic aberration present in a single family group, but continued sightings over the decades spurred researchers to investigate further. After 14 years of collecting clues, the mission to find these elusive predators was achieved as the killer whales were spotted off the southern coast of Chile and several biopsies were successfully collected. Once analyzed, these DNA samples will finally reveal exactly how the *Type D* differ from other killer whales.

CCC’s premiere program, the *Alfaguara Project* has significantly increased scientific knowledge on Chilean blue whales, created awareness of its threats and promoted the implementation of national and international conservation measures for the species and its ecosystems since 2004. Pacific Whale Foundation provided 50% of its annual operating budget in 2019 in support of their mission to “increase public awareness and the participation of the Latin-American region in conservation issues related to marine mammals and their aquatic ecosystems, through the dissemination of scientific, legal and ethical information in Spanish.”



MAUI | UNIVERSITY OF HAWAI’I COLLABORATION

“This unique collaboration has provided excellent opportunities to sample a high number of humpback whales early and late in the breeding season and across different age categories...”

- Dr. Lars Bejder

Working with the University of Hawai’i at Mānoa Marine Mammal Research Program (MMRP), University of Hawai’i at Hilo, University of Alaska Fairbanks and

whale measurements while PWF assists with field studies and connects those measurements to its 38-year photo identification catalog in order to develop and analyze long-term datasets.

“This unique collaboration has provided excellent opportunities to sample a high number of humpback whales early and late in the breeding season and across different age categories,” says MMRP Director Dr. Lars Bejder.

The group completed 243 drone flights within the Hawaiian Islands Humpback Whale National Marine Sanctuary over 17 days this winter, with 150 humpback whales measured per month. Included were adults and sub-adults from a variety of group compositions including single individuals, mother-calf-escort groups and competitive male groups.

“Working together allows us to utilize the expertise, knowledge and data that has been gathered by the various partners over the years,” remarks PWF Chief Scientist Jens Currie, “this allows us all to get a more holistic understanding of the population, approaching the question of whether recent trends in humpback whale sighting rates is related to their health.”

the Alaska Whale Foundation, we are now working to identify potential factors that are contributing to the decline in observed sighting rates of humpback whales in Hawai’i and Alaska.

In 2016, the distinct population segment of humpback whales in Hawai’i was delisted from the Endangered Species List. However, since then, sighting rates of humpback whales in Hawai’i and southeast Alaska have dropped. There is currently a lack of understanding of why humpback whale sighting rates have reduced.

To quantify the bioenergetics demands of humpback whales migrating between foraging and breeding grounds, (Alaska and Hawai’i, respectively), MMRP PhD students are using drone footage to calculate

All research activities were conducted in accordance with NMFS permits 20311-01, 19703, 14585 and 19655. All UAV activities were conducted in accordance with FAA Part 107 regulations.

AUSTRALIA | RESEARCH UPDATE



Humpback whales are currently listed as a “vulnerable” species under the Australian Environment Protection and Biodiversity Conservation Act. Although the East

Australia population of humpback whales has shown significant recovery from the threat of modern whaling, there is still concern that human activities may yet present multiple challenges to their survival. Recent scientific research indicates that this population has had a rapid recovery and the latest population estimate for this population of humpback whales is approximately 25,000 individuals. However, as the population has recovered over the past three decades, there has been an associated explosion in the use of near shore ocean areas by humans, leading to habitat loss, increased presence of boats, and heightened

levels of pollution. All of these activities threaten to interfere with the whales’ recovery.

In 2014, the Queensland government authorized commercial tourism companies to begin immersive swimming activities with humpback whales. Last year, we initiated an innovative scientific study of the impact of “swim-with-whale” tourism on the behavior of humpback whales in Hervey Bay, Australia. With research continuing this July, Chief Biologist Stephanie Stack says, “the humpback whales and their ocean habitat face a number of threats, most of them human-induced. Our research focuses on quantifying the threats to whales and finding ways to reduce these. Our investigation of the impacts of swimming with whales will help us understand how human recreational activities affect humpbacks during their winter migration, and how we can mitigate potential disturbances. Our unique collaboration of scientific research with educational eco-tours allows us to share our work with the public in a hands-on setting.”

For more information about this research, and to reserve your spot on a *Hervey Bay Swim-With-Whales Impact Study* trip go to: PacificWhale.com.au/cruises/swim-with-impact-study.



COLLABORATIVE POLYSTYRENE STUDY

Founded in 1901 as a physical sciences laboratory and a non-regulatory agency of the United States Department of Commerce, the *National Institute of Standards and Technology (NIST)* mission is to promote U.S. innovation and industrial competitiveness by advancing measurement science, standards and technology in ways that enhance economic security and improve our quality of life.

In 2017, we began a joint study to quantify polymer types found in various plastic debris removed directly from the ocean*. In a developing collaboration, we are now conducting a study to assess the accumulation rate of polystyrene on Maui beaches before and after the 2018 ban on polystyrene foam containers. This will allow us to determine any potential effects of this policy on marine debris accumulation.

Spanning 6 months before and after the ban, our research team is conducting systematic beach cleanups covering a 100-meter area at 3 separate locations in north, south and west Maui. NIST will then analyze the polymer composition of each plastic piece in order to determine what the source of the plastic likely was, as plastic objects are often difficult to identify once they break up into smaller pieces.

Over 2,000 plastic pieces have already been sent to NIST on O'ahu to analyze the polymer composition, allowing researchers to identify the highest priority targets. With the completion of this study, we will be able to better understand the impacts of the polystyrene bill and determine the most common types of plastic found on our beaches. This, in turn, should lead to improved mitigation tactics like legislation and education.

**The results of this study, published in the Marine Pollution Bulletin, can be found at PacificWhale.org/research/publications.*

RETHINK SINGLE USE PLASTICS

Many people are now aware that plastic is a critical problem for marine species, which can become entangled, consume it due to a resemblance to prey species, or accidentally ingest it through bioaccumulation. This isn't just a few isolated incidents we're talking about; an estimated 8 million tons of plastic make it into the ocean each year.

To put that into perspective, it equates to five plastic bags filled with plastic for every foot of coastline in the world. The biggest contributor to the problem is the multitude of single-use plastics, as they pervade so many facets of modern day life but are thrown away after only one use, filling up landfills, invading the environment and endangering our ocean life.

Countries including Barbados, Kenya, Vanuatu, Taiwan, Jamaica, St. Lucia, Grenada, Dominica, Antigua, the United Kingdom and the entire European Union have passed legislation to ban single-use plastic items in order to address this critical issue.

Several measures to address the problem were recently proposed in the Hawai'i State Legislature. The measure dominating the headlines is SB522, which would have prohibited the purchase, sale, use or distribution of single-use plastic beverage bottles, utensils, stirring sticks, polystyrene foam containers, or straws by government agencies after July 1, 2021, and by businesses selling food and beverages a year later. It even included a ban on any form of single-use plastic beverage containers after July 1, 2025.

Unfortunately, it looks like businesses in Hawai'i are not going to have to make any changes regarding single-use plastic, even by those far-off dates. The measure made it out of the Senate and into the House, where it was significantly altered; removing any bans on single-use plastic items. The good news, though, is that it is moving forward as a measure that would create a plastic source reduction working group with the goal of formulating a plan for eliminating single-use plastic packaging from the Hawai'i waste stream. The group would be composed of appointees from government agencies, the state sustainability coordinator, and representatives from certain NGOs and the food/restaurant industry. Hopefully, they will be able to come up with a solid plan that everyone can agree to and can pass with flying colors through both the Senate and House.

More good news: you don't have to wait for legislation to do your part to reduce plastic waste! Examine areas of your everyday life when you use single-use plastics and look for alternatives. For example, if you're getting take out or think you will have leftovers from a meal, bring your own reusable container. If you prefer to have a straw with your drink, carry your own with you. Need more ideas? We'll be launching a year-long **RETHINK** campaign this June to inspire the use of everyday alternatives to single-use plastics.

Sign up for our eNewsletter to learn more: PacificWhale.org/mailling-list

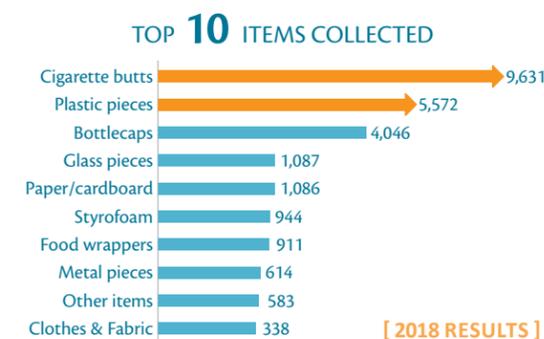


REUSE REFUSE RETHINK

COASTAL MARINE DEBRIS MONITORING PROGRAM

 **175** DATA SHEETS SUBMITTED

 **25,843** PIECES OF TRASH REMOVED FROM BEACHES



Since its start in 2015, our **Coastal Marine Debris Monitoring Program** has grown to distribute nearly 100 cleanup kits per week to citizen scientists. Volunteers simply pick up their free kit at a **PacWhale Ocean Store** or community partner location, find a coastal area, remove debris while checking off a category for each piece and return their worksheet either in person or online. It's that simple.

So, what distinguishes our cleanup program from the rest? Data. Quantifying data in a systematic way allows us to identify the most common debris items and their origin: land or sea. With this data, we are able to prioritize high-value targets and evaluate current mitigation measures in order to reduce coastal

"We work as biologists for Washington State Fish and Wildlife and we are very concerned about plastics in our oceans. Any small part we may play in cleaning them, we do. Thanks for your work!"
- Scott and Cara, Participants in our Coastal Marine Debris Monitoring Program

debris at the source. For example, when cigarettes were banned from Maui County beaches, many thought it was the solution to the cigarette butt pollution problem. However, our program data shows that they are still the number one debris item found in coastal environments. This means that further mitigation efforts, such as education and enforcement, need to take place — and we have the data to back it up.

Another unique benefit of our **Coastal Marine Debris Monitoring Program** stems from our incredible community of citizen scientists, allowing us to expand our reach and have a larger impact. Volunteers have taken kits back home, from Washington to South Carolina, to inspire similar programs in their own areas. All oceans are connected, so every coastal community working to reduce debris is making an impact!

You can get involved by hosting a cleanup and/or encouraging others to introduce the program to their own community. Visit PacificWhale.org/conservation/marine-debris for details.

HOW THIS HELPS:

Among other marine animals, the world's sea turtles face increasing threats to their natural habitats due to marine debris, with nearly all species of sea turtle classified as Endangered. These include:



-  420 lbs, 4 ft shell
-  Endangered (IUCM 2014)
-  85-90,000 nesting females



-  154 lbs, 2.9 ft shell
-  Critically Endangered (IUCN 2008)
-  20-23,000 nesting females

A special mahalo to **Melissa Davis of Straight Line Investment Group** who recently purchased 50 adoption packages as gifts for her clients. We love this idea! Learn more at PacificWhale.org/adopt.

SUSTAINABLE SEAFOOD



EAT LOCAL SEAFOOD WHEN YOU CAN
Local seafood is often caught using less damaging fishing practices than commercially caught seafood.



CHOOSE YOUR SPECIES WISELY
Ask the restaurant or grocery store where their fish come from to avoid purchasing from depleted stocks.



ASK YOUR SERVER OR MANAGER HOW THEIR FISH IS CAUGHT
Choose fish that are pole and line caught or farmed sustainably and avoid methods such as bottom trawling, ghost fishing, long lines, or poison/explosives.



Check for the blue Marine Stewardship Council (MSC) label on packaging to ensure your fish is coming from a sustainable fishery.

ADOPT A TURTLE

Help us advance this work, become a turtle advocate today!

PacificWhale.org/adopt



TEAM BUILDING FOR GOOD

As one of 30 universities worldwide designated as a *Changemaker Campus*, Brigham Young University (BYU) is recognized for its dedication to connecting students with social innovation education and resources. Students of its international *Enactus* program pledge to devote their unique set of talents, resources and time to support organizations that: A) address the root causes of society's greatest problems (not just the symptoms); B) measure outcomes and impact; and C) promote self-reliance. We were recently sought out by the university's *Social Entrepreneurship Program*, interested in traveling from O'ahu to learn more about our social enterprise business model on Maui.

By receiving earned income in direct exchange for products or services, social enterprises support mission-based programs that tackle social issues. In our case, we engage the public in ecotourism led by college-educated Certified Marine Naturalists in order to help fund our core nonprofit Research, Education and Conservation programs.

"We are extremely impressed with Pacific Whale Foundation and what they do not only to conserve the ocean and sea life, but also how much they give back to the community," remarks student Ashley Spencer, "We wanted to take this field trip as a class to serve, volunteer and learn from this business model. We were most impressed by PWF because of their transparency, quick response, and preparedness, already having a program in place to accommodate us."

As part of our **Team Building For Good** corporate giving program, the group accompanied our own team in volunteering with Maui Cultural Lands at Honokowai Valley, joined an award-winning ecotour and participated in a social enterprise workshop led by Marketing & Development Director Kelly McHugh.

"Each month, we take volunteers to Honokowai Valley to help remove invasive species, plant indigenous trees and to learn and spread the powerful message of the area's history of sustainability," says McHugh, "Leaders Ekolu and Puanani Lindsey teach participants about the hydrologic cycle, Hawaiian culture, native and invasive species and how it is all connected. Because conservation and collaboration are fundamental to achieving our mission work, team-building opportunities like these are a natural fit."

"As a business major, this program makes me think about the impact of business on the environment and how I want to avoid doing any harm when I am the one responsible for making business decisions," remarks BYU student Jaedon Shaffer. Classmate Lou Waiana continued, "Our group is made up of several majors, but no matter what field you're going into, you can and should always make protecting the environment a priority."

Team Building For Good offers additional collaborative opportunities with *Malama Honokowai, O'o Farms, Waihe'e Coastal Dunes and Wetlands Refuge, Haleakala National Park Project, and others. Contact events@PacificWhale.org to learn more.*

COUNT DOWN TO EARTH DAY PHOTOS



Day 4: "Eco-product"

@brian_mccandless



Day 3: "Art"

@sustainableliving808



Day 1: "Hike"

@lindajiong



Day 14: "Green"

@carl.yoshihara.art



Day 10: "Repurpose"

@jzgpayao



Day 15: "Turtle"

@aneshmurray



Day 7: "Pollution"

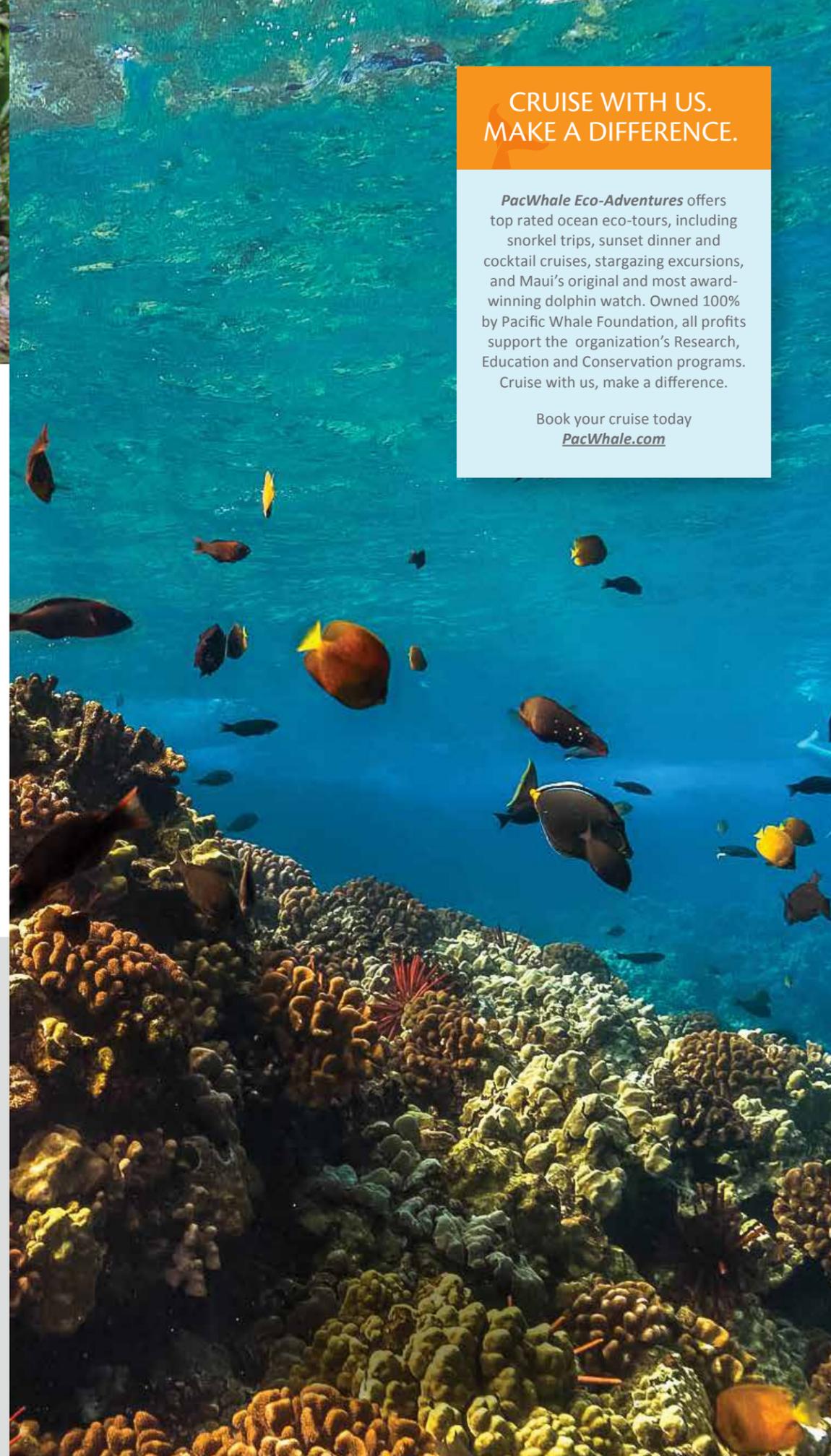
@jennyfromthe_dock



Day 20: "Responsibility"

@aneeshmurray

Mahalo for participating in our 30-day countdown to Earth Day Instagram challenge! Inspired by a new conservation-minded word or phrase each day, hundreds submitted their photos using the hashtag #EarthDayPWF and tagging us at @pacificwhalefoundation.



CRUISE WITH US. MAKE A DIFFERENCE.

PacWhale Eco-Adventures offers top rated ocean eco-tours, including snorkel trips, sunset dinner and cocktail cruises, stargazing excursions, and Maui's original and most award-winning dolphin watch. Owned 100% by Pacific Whale Foundation, all profits support the organization's Research, Education and Conservation programs. Cruise with us, make a difference.

Book your cruise today
PacWhale.com

MEET OUR SUPPORTERS



"We live here part time and became members because we want to support the work you do to protect the ocean."

Joan
Passenger
Vail, Colorado



"We really appreciated learning so much about the whales we have been watching from shore all week."

Brad & Todd
Passengers
Salt Lake City, UT



"Whether you're liberal or conservative, everyone should support the protection of the environment and other species. That's why we chose Pacific Whale Foundation."

Eric & Rachel
Passengers
North Dakota

Pacific Whale Foundation was founded with the primary goal of saving the humpback whales, which were dangerously close to extinction in 1980. Now, our mission is to protect the ocean through science and advocacy and inspire environmental stewardship. In our 39 years as an organization, we are proud to have had ocean conservation victories on behalf of the whales.

Highlights from years past include ending the operation of a high-speed ferry service through calving grounds, banning plastic bags, smoking and tobacco use at beaches and parks, banning the display of captive cetaceans and helping to designate the false killer whale as an endangered species.

However, humpback whales are not “out of the woods” yet, and still have many threats facing them. At the top of the food chain, whales have an important role in the overall health of the ocean. Though whale protections and public awareness of the inhumaneness of whaling have improved, many species of whales and dolphins are unfortunately classified as endangered or vulnerable — even after decades of protection. What are threats to whales and how can we help save them?

There are ways to make a difference for the whales, no matter where you live. Each time you take action to save the whales, document it and use the hashtag **#PacificWhaleFoundation** to show us how YOU are standing up for the whales.

TAKE A STAND | 16 WAYS TO MAKE A DIFFERENCE

SHOP WITH US • MAKE A DIFFERENCE



Bento Box



Stainless Steel Cups



Reusable Lunch Bags

- 1 Marine debris, (trash in the ocean), is a major threat to whales. Leave open spaces cleaner than you found them by collecting litter and disposing of it properly.
- 2 Oppose cetacean captivity around the world. We successfully petitioned to ban captive marine mammals in Maui County in 2002 and are currently advocating for the same in Ecuador.
- 3 Entanglement is a primary threat to cetaceans. We are proud to be a part of the Hawaiian Islands Large Whale Entanglement Response Network, and provide resources and personnel to assist this community network. Report any stranded marine mammals to the appropriate authorities. In Hawai'i, the NOAA reporting hotline is: (888) 256-9840
- 4 Our research has found that reduced speed of boats lessens the risk of whale-vessel collisions. When driving near marine mammals, use a reduced speed and post a dedicated lookout.
- 5 Say no to plastic straws and other single-use plastics, which can often end up in the ocean and become ingested by marine life.
- 6 Buy sustainable seafood. Look for the blue Marine Stewardship Council (MSC) logo on packaging to guide your purchases. our choices will guide responsible fishing and make the oceans healthier.
- 7 Whales need a safe home, support the founding and enforcement of Marine Protected Areas worldwide.

- 8 Help us learn more about whale and dolphin distribution. Download our free app, *Whale & Dolphin Tracker*, and submit your marine mammal sightings.
- 9 Set a good example as an ocean steward by respecting the appropriate state and/or federal approach limits for viewing wildlife.
- 10 Education is how we influence the next generation of ocean advocates. Share what you've learned.
- 11 All drains lead to the ocean. Use eco-friendly cleaning products.
- 12 Oil and gas development produce noise and pollution in the ocean that disturb whales; support renewable energy options.
- 13 We don't know everything about whales yet. Dedicated research studies are required to guide conservation. Donate to your favorite research organization to help them advance the body of knowledge.
- 14 Be part of the solution: Join a local environmental group and volunteer your time, wherever you live.
- 15 Wean off our oil dependency — oil spills drastically affect marine mammal populations.
- 16 Become a member of PWF and help support our programs in research, education and conservation.



PANGEASEED MURAL

In January, we collaborated with PangeaSeed Foundation's *Sea Walls: Artists for Oceans* program, County of Maui and SMALL TOWN * BIG ART to host a large-scale work of public art by muralist Poi, also known as Techs in his native New Zealand. With the goal of catalyzing positive change for the ocean, Poi was tasked with incorporating the endangered Hawaiian false killer whale — a key PWF research subject. His stunning piece, *Navigating our Future* depicts the false killer whale as a star constellation looked upon by navigator Kalā Baybayan and her son Te Kauri.

“For navigators, stars play an important role in wayfinding,” remarks Poi, “stories and tales were specifically created to ensure that the way to find a certain place was remembered. It was also told in such a way a child could remember the tale, thus allowing us indigenous Maori and guardians of both land and sea to hand our sacred knowledge down through the generations. To not only navigate by the stars but also navigate the challenges facing our oceans and ecosystems of today, we will have to better observe what’s happening around us; the changes in our climate, habits, our impact on the environment, the teachings of our elders and the wisdom of our ancestors planted in nature patiently waiting for us to uncover what we thought was once lost. From the mountaintops to the sea, we must care for it all and everything in between.”

Visit this mural, located at Lower Main St. and Waiale Rd. on Maui. For all murals, visit [@smalltownbigart](#) on Facebook or Instagram.

A WHALE TALE



At long last now the whales have come
 Back to Maui's shore
 Displays of power and playfulness
 Are witnessed more and more
 Concussive thumps of tail slapped sea
 Like warning shots to all
 Say we're here now so watch the show
 This is your wake up call
 Scanning for the tell tale sign
 I look out toward the bay
 And see what I was hoping for
 White sheets of ocean spray
 The minor puffs that drift like smoke
 Are giant breaths of air
 They wave their flukes or slap their tails
 Take time to stop and stare
 Cause if they're in the mood that day
 You may just see the grand display
 Witnessing this show of strength
 You'll think it so absurd
 To be so huge and ocean bound
 And try to be a bird
 But out they soar and leave their world
 In momentary flight
 And leave us all with silent awe
 To witness such a sight

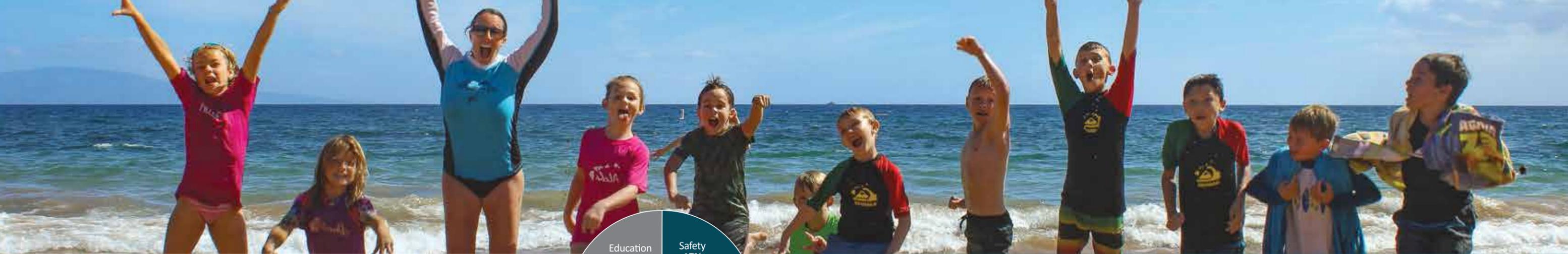
Poem by Tom Fleischhacker,
 Volunteer
 Great Whale Count

NATIONAL GEOGRAPHIC PAGE

Check out our page on **National Geographic**. You will find updates and information about PWF's research on the endangered main Hawaiian Islands insular population of false killer whales.

openexplorer.nationalgeographic.com/expedition/falsekillerwhales





ocean camp SUMMER: JUNE 3 - AUGUST 2

Pacific Whale Foundation **Ocean Camp** offers keiki the opportunity for continuous education while school is out in so many fun and active ways.

Each week, **Ocean Camp** centers around a different ocean-related theme and is jam-packed with activities, including hands-on science lessons in our Discovery Center outfitted with lab and multimedia equipment and other learning tools; nature-based field trips to locations including, but not limited to, tide pools, fish ponds, Maui Ocean Center, and various hiking destinations; private surf and paddle lessons; and private boat trips that allow keiki to safely explore underwater ecosystems.

Cynthia Arango (Lahaina, HI) remarked, "My child enjoyed every single day and has begged to go back! The snorkeling cruise, hiking on the volcano/forest, and surfing lessons on the beach were all experiences that stood out. Overall there was not one dull moment."

We are pleased to announce that, starting this June, the number of boat trips per week is increasing in quantity and duration to offer all-day floating classrooms, with activities and lessons conducted on board. "We love taking keiki out snorkeling and wildlife watching but wanted to be able to offer those activities as part of a full day learning experience out on the water," says Education Manager Robyn Ehrlich.

We are also thrilled to introduce our new middle school program **Ocean Camp at Sea** which gives middle school students (entering grades 6 to 8) an opportunity to spend their days aboard one of our eco-tour vessels. Each day will include opportunities for students to learn about and observe marine life, gain nautical knowledge and skills, and of course spend some time in the water! It's great for them to experience what is living in their own back yard and get more acquainted with an area of their home they might not regularly be exposed to.

We are hopeful that this may introduce them to the possibility of a career on the water!

Ocean Camp is one of the many ways that PWF lives its mission work focused on inspiring environmental stewardship. As the famous saying goes, "from knowing comes caring and from caring comes change." Ehrlich points out, "For many kids, it's their first time snorkeling and exploring the ocean in a new way and I can see their passion for the ocean grow as they apply what they learn in our classroom to what they see in the environment first hand. It's interesting to see which topics inspire each camper. One six year-old camper, for example, after his very first beach cleanup with us, became concerned about microplastics on the beach and in the ocean. We focus on solutions to conservation challenges at camp and we could already see the wheels turning in his head,



Parents were asked why they chose PWF Ocean Camp

brainstorming ways that he could help. Kihei Charter student, Sunny, was so inspired by her time at camp, she set out to start a fundraising campaign for PWF by recycling shoes and keeping them out of the environment with an organization called *Shoes with Heart*. We can only imagine what these young ocean stewards will accomplish in the future."

At only a \$9 per hour equivalent, this affordable, unique, fun, and educational camp is a great way for your keiki to spend their summer. Reserve your child's space by calling (808) 249-8811 ext. 1 between 6 am and 8 pm (HST) any day of the week. For more information visit PacificWhale.org/education/ocean-camp.

OCEAN CAMP | GRADES 1 - 5
JUN 3 - AUG 2 | 8AM - 4PM | MA'ALAE HARBOR



\$360 per week, or \$90 per day - 20% discount for PWF members.

OCEAN CAMP AT SEA | GRADES 6 - 8
JUN 17-21 | 8:30AM - 3:30PM | LAHAINA HARBOR



Register by June. \$500 per week - \$400 for PWF members.

WELCOME, NEW MEMBERS! (Continued on Next Page)

- | | | | | |
|---------------------|--------------------------|---------------------|--------------------|--------------------|
| Donald Adams | Martin Blankfard | Mara Cole | Celeste Enoch | Jody Gottesman |
| Susan Adzowski | George Bleich | Susan Cole | Gary Erickson | Randy Gould |
| Christine Aide | Sharon Boothe | Cheryl Conklin | Kathy Esselman | Dayle Gray |
| Penny Albers | Denise Bouthillier | Sharon Connaughty | Walter Esselman | Gayle Green |
| Arvel Aldridge | Kim Bowley | Brian Cook | Elizabeth Estes | Susan Green |
| Barbara Aldridge | Jeff Bradford | Carla Cook | Lynne Estes | Glenna Greer |
| Anna Alexander | Allan Bradley | Michael Cook | Susan Eubank | Donald Groeneveld |
| Carlos Alfonso | Angela Braly | Randy Cooper | Neils Felder | Joseph Gross |
| Dale Allen | Burton Branch | Connie Corley | Suzette Felder | Roxanne Gross |
| Marge Allen | Marianne Brettell-Vaughn | Betty Jo Costanzo | Linda Feldman | Kathleen Grove |
| Eileen Amaranthus | Bev Brill | Daniel Crane | Leticia Fenner | Pamela Grove |
| Connie Anderson | Peter Brill | Judy Crocker | Lynn Ferguson | Frances Grunder |
| Steve Anderson | Kiki Brink | Kathy Cullen | Patricia Ferrer | Diane Habell-Jower |
| Wendy Anderson | Shelli Brocksmith | Kathleen Cunningham | Robert Ferrer | Liz Hafer |
| William Anderson | Jim Brown | Craig Cuthbert | Joel Fink | Paul Halchak |
| Kim Angelo | Mary Brown | Patricia Daugustine | Elaine Fitzpatrick | Rhonda Hallberg |
| Michelle Angier | Michele Brown | Celeste Davie | Floyd Flack | Bonnie Hanson |
| Deborah Anspach | Rene Brown | Pat Davis | Melinda Flanders | John Hanson |
| Shawn Antle | June Browning | Tony Davis | Linda Fleming | Ken Harder |
| Edward August | Susan Bryan | Berry Deal | Robert Flenniken | Lilly Hardin |
| Scott Axelrod | Irvine Burger | Dell Deneyer | Mike Forster | Mary Harrelson |
| Grace Baba-Kop | Carl Burjes | Linda Devlin | Marilyn Foulke | Jo Harris |
| Bridgette Baker | Robert Burns | Sandy DiBernardo | Jeff Fox | Bill Havens |
| Mary Baker | Susan Burnthon | Tom DiBernardo | Al Frache | Marilyn Heasley |
| Terri Bakke-Schultz | Alexandra Buschek | Eric Diggins | Kim Frache | Mary Heck |
| Chardelle Baldwin | Susan Butler | John Dimeo | Brian Fredricks | Ann Hehn |
| Rod Bannister | Michelle Butrum | Deborah Dingboom | Nicole Fredricks | David Hellster |
| Bernadette Barker | Laura Byers | Michael Dingboom | Jerry Free | Sally Hess |
| Maryl Barker | Tom Byers | Ed Dougherty | Jeanne Freiburger | Ellen Hickey |
| Joy Barnhart | Betsy Cain | Donna Douglass | Timothy Frenette | Tamarra Higgins |
| Marilyn Barrett | Stephanie Calhoun | Kathleen Doyle | Susan Friedman | Dottie Hill |
| Alan Bateman | Linda Callegari | Carol Dresser | Royla Furniss | Thomas Hill |
| Harry Baum | Kit Campbell | Susan Dryden | Ginger Gamble | Vivian Hill |
| Natlie Bay | Pamela Campbell | Jean Durr | Larry Gardner | Patricia Hilsinger |
| Janet Beavers | Peggy Carnahan | Linda Dusterhoff | Vicki Gardner | Jessica Hirt |
| Pam Behnke | Monica Carr | Linda Ealy | Bonnie Gatt | Elizabeth Hitchman |
| Roy Bendell | Carol Cayer | Robyn Eckern | Greg Geib | Deborah Hodapp |
| Robert Benzler | James Cera | Richard Edel | Billie Gilliland | LeeAnn Hoffman |
| Bev Bergeland | Shiu-Kai Chin | Linda Edwards | Patricia Ginn | Mari Lou Holland |
| DeAnna Binder | Patti Christoffel | Debra Elicker | Mary Gjemso | Barbara Holt |
| Susan Birkeland | Richard Christy | Richard Ellis | Beth Glover | Benny Holzhausen |
| Karen Bjork | Diana Clark | Diane Engelman | Susan Gordon | Debra Horning |
| Randal Blain | Karen Clarke | Janet English | Jann Gorski | Larry Horton |
| Rita Blaisdell | Shirley Coffey | Warren English | Carol Gorsuch | Dolores Houghton |

WELCOME, NEW MEMBERS! *(Continued)*

Barbara Houston
Susan Hoyer
Georgianne Huff
Russell Huffer
Kathleen Hunter
Carol Hurrele
Patricia Invictor
Scott Irvine
Samira Jaffer
Anthony James
Nancy Jameson
Patricia Janutolo
Rick Jenks
Sydney Jensen
Alicia Jimenez
Sue Johnson
Chris Jones
Jeff Jones
Rita Jones
Dan Joraanstad
Katarin Jurich
Bill Kalikakis
Gary Kalmbach
Al Kapin
Evelyn Kaye
Jeffery Keefe
Kerry Keffaber
John Keigley
Sheila Kelton
Stephen Kendziorski
Margaret Kennedy
Ramona Kent
Linda Kenworthy
Robert Keys
Julaine Kiehn
Elena King
David Kirby
David Kirkwood
Carole Klein
Mary Klein
Dorothy Klinefeltzer
Kathy Klingenberg
Arley Knight
Janis Knudsen
Ken Koehler
Tim Koehler
Richard Konarski
David Korz
Judy Kowalchuk
Roxan Kraft
Jane Kreitzberg
Martha Krejci
Cheryl Kruse
Cindy Kuehn
Anna Kvinta
Michelle Kwik
Jane Lacher
David Lanier
Louise Lanphier
Roy Lapean
Charles Larkey
Susan Larned
Ken Larsen

Nikolai Laushkin
Sandra Lee
Daniel Legaspi
Jerome Lehrman
Makiko Lehrman
Sherry LeMaster
Harvey Leong
ViVien Leong
David Lewis
Michael Ligibel
Nancy Ligibel
Sandra Lipe
Renee' Littlefield
Gail Livings
Jeff Long
Brian Lovely
Dianne Lubinski
Janet Lydiatt
David Lynn
Debra Lynn
Bruce Mackenzie
David Maddens
Zayda Maero
Connie Maher
Larry Maher
Thomas Maier
Collette Mak
Robin Mallory
John Manaut
Joseph Marquez
Mary Marshall
Alysa Martin
Anne Mason
Gloria Massey
Valerie Mathias
Alison Matsuo
Fred McCarthy
Vincent McCarthy
Nancy McCreery
Bridget McDermott
Paul McGinley
Timothy Mcginty
Carol McKinney
Carol McMenemy
Sharon Medairy
Paula Medor
Shelly Megyesi
Timothy Meldahl
Paula Mickish
Mona Milius
Crystal Millard
Linda Millard
Cheri Miller
Margo Miller
Cynthia Mills
Linda Milosky
Teri Minnis
Linda Mintz
Jackie Moore
Donald Mord
Elise Morrison
Eve Morrow
Alina Mrugalska

Kellie Mueller
Shelly Mullican
Valerie Muroki
Dorothy Murray
Tamara Murray-Guerrero
Susan Musicant
Bina Myers
Karen Nellis
Candace Nelson
Stephens Nichols
Randal Nickerson
Madonna Nicks
Vivian Nieman
Larry Noll
Trisha O'Conner
Wayne Oates
Morgan Obrien
Marguerite Odell
Michael Ogden
Ann Oke
Fred Olaguez
Donaebill Olson
Mary Omwake
Mary Osborn
Flo Ostrander
Sondra Oxman
Frank Pace
Jeffrey Paisner
Randy Palmer
Mary Paquet
Alan Parlapiano
Kimberly Pate
Krista Paulino
Dwayne Payne
Robert Pechalek
Miriam Persoff
Mary Persyn
Carole Peterson
Susan Peterson
Jerry Phillippe
Patricia Phillippe
Mirriam Phillips
Larry Pierce
Russ Pong
Lawrence Pool
Richard Potempa
Linda Pratt
Wendell Quigley
Diana Quinlan
Roger Rabiego
Carol Raehn
Angela Raimo
Joan Randall
Glen Rappold
Jenny Rappold
James Raquepau
Sreenivasan Ravishankar
Binnie Ravitch
Kenneth Reap
Pam Reetz
Don Reimer
Donna Reimer
Daniel Renaud

Kathy Renken
John Rho
Judith Rhodes
Margie Rhodes
Patty Richard
Julie Riordan
Ray Roach
Chris Robie
Craig Robie
Judyth Robinson
Mary Rock
Philip Rosen
Carl Rosenfeld
Patricia Rosenfeld
Charlene Ross
Gary Rothballer
Linda Runnerstrom
Donna Russell
Joanne Russell
Sharon Sabo
John Sacerdote
Donna Sackville
Kathryn Sanders
Dixie Sarna
Michelle Sauntry
Yvonne Schell
Lynn Schneidenbach
Kristin Schofield
Lisa Schomburg
Nick Schroeder
Pam Schwars
Velma Schwartz
Colette Schwenneker
Pamela Scott
Victoria Sefton
Karen Sellers
Paul Shaffer
Susan Shean
John Shimkus
Tim Shirey
Angela Sillin
Gloria Simmons
Robin Sirakides
Bill Sjogren
Lynn Sleeth
Art Smejkal
Randolf Smith
Donald Snyder
Gene Sorin
David Sousa
Denise Spence
Janet Staples
Jill Stearns
John Stebbins
Jane Stolfus
Donald Stovall
Jane Strauss
Phil Strick
Victoria Swanson
Richard Tabors
Bonnie Talakte
Jerry Taylor
June Taylor

Marci Taylor
Virgil Temple
Pam Tesso
Brian Thomas
Georgianna Thomas
Emily Threatt
Allen Tishman
Linda Tod
Cheryl Toth
Robin Tripp
Mary Troxel
Tom Troxel
Beth Truett
Joyce Tuepker
Dan Turbeville
Steve Uretsky
Kimberly Usrey
Tom Utic
Patti Valentine
Fran Vandermeer
Lanette VanWagenen
Diane Velarde
Jerry Veldhuis
Susan Vesely
Mike Vleisides
Cindy Volz
Sandra Von Unwerth
Elizabeth Waggoner
Gary Wagner
Suzanne Wagner
Wynne Wakkila
Patti Waldman
John Walker
Kenneth Walker
Susan Walsh
Phyllis Wanroy
James Ward
Jan Weissman
Sue Welkers
Lee Westover
Sharon Whipple
Linda White-Canfield
Brad Widdifield
Susan Wiederspan
Collen Wienhoff
Frank Williams
Judy Williams
Sherry Williams
Lyn Wilson
Maria Winn
Anne Winters
Lisa Winters
Lewis Withers
Juli Woodside
Dorothy Wright-Irwin
Diane Yu
Marilyn Yuen
Mary Yunger
Lee Zeller
Lucille Zeph
Ada Zubiata-Owens

MEMBER LEVELS & IMPACT

CHAMPION | \$5,000 & above

Helping to protect endangered marine mammal species from extinction



HUMANITARIAN | \$2,500 - \$4,999

International programs and humpback whale research in Maui, Australia, Ecuador and Chile



ADVOCATE | \$1,000 - \$2,499

Advocacy work by our researchers on behalf of the marine environment



EDUCATOR | \$500 - \$999

Hands-on opportunities that prepare our youth to become ocean stewards



CONSERVATIONIST | \$250 - \$499

Coastal marine debris monitoring to protect ocean habitats



FAMILY | \$125

(2 adults plus children under 18 years of age)

INDIVIDUAL | \$75

(\$55 for seniors age 60 and above)

Visit PacificWhale.org/you-can-help/become-member-renew-membership to learn about additional member benefits.

JOIN TODAY

WITH YOUR TAX-DEDUCTIBLE DONATION

Name _____

Email _____

Address _____

City, State, Zip _____

Phone _____ Birthday _____

Member Level _____ Auto Renew

Member Gift (Individual and Family choose 1, other Members choose 2):

- No gift needed – give 100% to Pacific Whale Foundation
- Whale or dolphin watch gift certificate
- Reusable canvas tote
- VIP Member tshirt (specify size) _____
- Extra tshirt \$20 each (specify size) _____
- Extra reusable canvas tote \$20 each

Amount \$ _____ Monthly Annual One-time

Payment Method _____

Card # _____

Exp Date _____ Security Code _____

Mail or return this form to: Pacific Whale Foundation,
300 Ma'alaea Road, Suite 211 Wailuku, HI 96793

COMMENTS

FOR OFFICIAL USE ONLY

Gave _____ Send _____

Will Pick-up _____

Staff Code _____ Date _____

Pacific Whale Foundation is a nonprofit tax-exempt 501(c)(3) organization: federal tax ID number 99-0207417. Your donation is U.S. tax deductible to the extent allowed by law.

WHO WE ARE

With a mission to protect the ocean through science and advocacy and to inspire environmental stewardship, Pacific Whale Foundation (PWF) conducts Research, Education and Conservation programs for the communities in which it serves. Founded by Greg Kaufman in 1980 as a 501(c)(3) nonprofit organization dedicated to saving the world's whales from extinction, PWF has now grown into a social enterprise that offers fee-based programs and services through PacWhale Eco-Adventures to help fund its nonprofit work. Combined with memberships, donations, charitable grants and a remarkable group of dedicated volunteers, PWF now reaches more than 420,000 individuals each year through its Maui and Australia offices and research projects in Ecuador and Chile.

WHAT WE DO



RESEARCH

Bona-fide, peer-reviewed research on marine animals and marine debris in Hawai'i, Australia, Chile and Ecuador



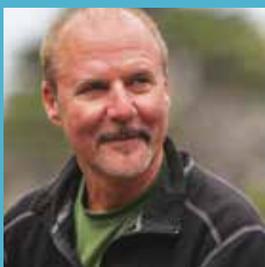
EDUCATION

Award-winning ecotours, camps, workshops and keiki whalewatches with schools



CONSERVATION

Citizen-science initiatives like *The Last Straw* and our *Coastal Marine Debris Monitoring Program* (FREE clean-up kits available)



Gregory D. Kaufman

Founder

12/24/54 - 2/10/18

A VOICE FOR WHALES

Our thoughts and love are with you and your ohana.



Pacific Whale Foundation

300 Ma'alaea Road, Suite 211 | Wailuku, HI 96793

PacificWhale.org | (808) 201-1983

Connect with Pacific Whale Foundation at



10 WAYS TO GET INVOLVED

ADOPT

Your love for whales, dolphins, turtles and other marine wildlife can be expressed with a donation at any level – and helps to make a world of difference.

PARTICIPATE

Each month we offer a calendar of free opportunities in addition to our Eco-Adventures, including free Haleakalā excursions, *Coastal Marine Debris Monitoring Programs* and more.

JOIN

As a member, you connect with a large and dynamic family working to protect the world's marine wildlife and our shared oceans.

CRUISE

Hop aboard one of our "floating classrooms," where every Marine Naturalist has collegiate-level science experience and has been recruited specifically to offer the greatest possible Eco-Adventure.

SHOP

Empower philanthropy and social good by shopping at our physical or online stores. With proceeds directly supporting our nonprofit programs, your spending power makes you a conscious consumer.

EXPLORE

Visit PacificWhale.org and our *Whale & Dolphin Tracker* mobile app to access a wealth of information for remote participation in our programs and services.

LEARN

Pass it on! Our informational campaigns are designed to encourage green practices that offer ready-to-use solutions for environmental issues. Register for email updates at PacificWhale.org/mailling-list to get involved.

ENROLL

Seasonal *Ocean Camps* educate, inspire and motivate the next generation to care for our environment, and to have a lot of fun doing it.

VOLUNTEER

Offer your in-kind services to assist our Research, Education, Conservation, special events or fundraising teams – or – check out our *Volunteers on Vacation* offerings (FREE).

DONATE

Your contributions directly fund our nonprofit Research, Education and Conservation programs, geared to encourage a global community of people who care about the future of our planet's oceans.

MAHALO