



BEYOND THE BREACH | 2018 | Q2

FINDINGS, IMPACTS AND NEWS OF PACIFIC WHALE FOUNDATION

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OUR MISSION

The mission of Pacific Whale Foundation is to protect our oceans 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.

LETTER FROM THE DIRECTOR



It is with great pleasure that I share with you our inaugural BEYOND THE BREACH publication, a quarterly newsletter geared to share values, impacts and news of Pacific Whale Foundation.

2018 has presented pivotal changes for the organization. Earlier this year, we lost our Founder and Executive Director Greg Kaufman, who has left a powerful legacy in the people and programs of Pacific Whale Foundation, and in a number of other organizations he supported in Hawai’i and around the world.

Last month, we completed a concentrated strategic planning process that was developed with input from external partners, our Board of Directors, staff & team leadership and key volunteers. As we prepare to observe our first 40 years of protecting the ocean through science and advocacy, and inspiring environmental stewardship, this 2018—2020 plan will serve as an ambitious, yet achievable, guide to achieving our vision: *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.*

Currently, part of our Research team is changing gears from our Hawai’i based operations, as humpbacks depart for Alaska, to our Australia based operations, as humpbacks arrive from Antarctica, while others remain home to study the endangered insular population of false killer whales (p. 5). Our Education team is in full-force with Ocean Camp, working to equip young minds with the educational tools and memorable moments that will inspire them to become the future stewards of our precious island ecosystems. Meanwhile, our Conservation team and interpretive Marine Naturalists continue to work with our local community to celebrate and promote responsible use of the marine environment through *Volunteers on Vacation, PacWhale Eco-Adventures, The Last Straw, our Coastal Marine Debris Monitoring Program* and more.

There are so many ways that you can get involved this season, from adopting a marine mammal or sea turtle to participating in a hands-on citizen science initiative. Engaging more than 400,000 individuals per year, we warmly welcome you to become a part of our extended ‘ohana as collaborators in saving our world’s oceans. Please contact us to get involved. Together, we can – and will – make a real difference!

Kristie Wrigglesworth
Acting Executive Director, Pacific Whale Foundation

WHO WE ARE

With a mission to protect the world’s oceans 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 400,000 individuals each year through its Maui and Australia offices and research projects in Ecuador and Chile.

WHAT IS A SOCIAL ENTERPRISE?

A social enterprise is a for-profit business that sells goods or services in order to help fund the mission work of its parent nonprofit organization. Proceeds generated through PacWhale Eco-Adventures directly fund the nonprofit Research, Education and Conservation programs of Pacific Whale Foundation, with additional funds raised through memberships, donations, charitable grants and in-kind services. *It’s people like you that make it work.*

WHAT WE DO

RESEARCH	EDUCATION	CONSERVATION
Bona-fide, peer-reviewed research on marine animals and debris	Global advocacy to end whaling and marine mammal captivity	Trained responders for distressed or entangled marine mammals
Whale & Dolphin Tracker, our FREE mobile app	Research-based campaigns to protect vulnerable species	Citizen science initiatives i.e. Coastal Marine Debris Monitoring
Collaboration with worldwide experts to learn and exchange	Programs for all ages, like Ocean Camp and Eco-Adventures	Meaningful volunteer experiences to preserve the native ecosystem

MEET OUR SUPPORTERS



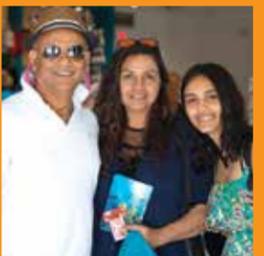
“I really like that PWF is a company that protects whales from endangerment and helps the ocean by keeping the environment clean and plastic-straw-free.”

Pricilla Gomez
Passenger
Rialto, CA



“I like to support groups that help to save and understand our planet. We love the ocean.”

Shelly Ball and Family
Passengers
Berkeley, CA



“We learned about Pacific Whale Foundation on our eco-tour and told my daughter to become a Member.”

Sangay Roy & Family
Passengers
New Delhi, India

WORLD OCEANS DAY

JUNE 8, 2018



Recognized in an official proclamation by Maui Mayor Alan Arakawa, Pacific Whale Foundation proudly presented World Oceans Day on June 8.

A global movement recognized by the United Nations, the event aims to inform the public of our impact on the ocean; develop

a worldwide movement of citizens for the ocean; and mobilize and unite the world's population on a project for sustainable management.

Event highlights included Coastal Marine Debris Monitoring Program* activities at both Keālia Pond and Kahului Harbor, with free beach cleanup kits distributed by our Marine Naturalists; a free PacWhale Eco-Adventure between Ma'alaea and Olowalu for a hands-on plankton-tow activity, snorkel reef cleanup and microplastic sampling; a screening of the documentary STRAWS at Seascape Restaurant and a "Pollution Solutions" art contest for keiki.

"Here in Hawai'i, the Pacific Ocean is part of who we are," said Mayor Arakawa. "In the sea, we find food, play, travel, exercise, education and more. So World Oceans Day provides us with a positive reminder to redouble our efforts to protect the ocean and reverse negative trends brought about by humans who have taken this vast, bountiful resource for granted."

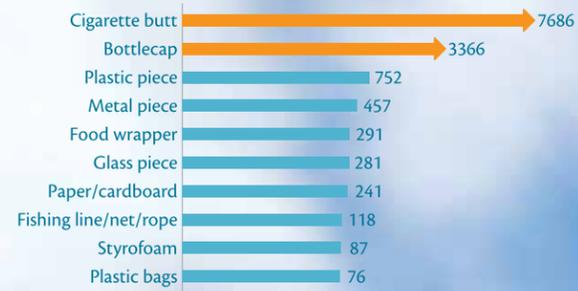
13,632 pieces of debris were collected throughout the day (approximately 1,200 pounds), with cigarettes as the number one item recorded during beach clean-ups (56%). The average microplastics count was 4.9 items/liter of water, which is lower than the global average of 11.8, determined using citizen science.** The highest concentration of microplastics collected in a single sample was 27.5 items/liter of water, the lowest was 0 items/liter. These counts provide baseline data for our Research team, who will be looking to see how these trends change over time.



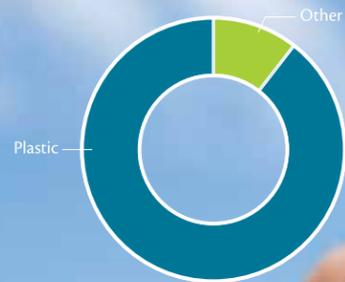
*An initiative established by PWF in 2015, we have partnered with volunteer citizen scientists just like you to retrieve more than 50,000 pieces of marine debris from Maui coastlines, helping us gain critical data to advocate for the protection of our world's oceans.

**Christiansen, K.S. 2018. Global and Gallatin Microplastics initiatives Report. Adventure Scientists. 38p.

TOP 10 ITEMS OF TRASH COLLECTED



MORE THAN 87% WAS PLASTIC



3 WAYS TO GET INVOLVED

- Sign the pledge to refuse single-use plastic straws and to purchase alternatives to plastic products at PacificWhale.org/thelaststraw
- Adopt a sea turtle or another marine animal from our ADOPT program at PacificWhale.org/adopt-marine-animal
- Join our *Volunteers on Vacation* program, which helps you easily find meaningful service projects to benefit Maui's environment: PacificWhale.org/conservation

OUR HEROES



Sue Darden and Mr. Waggles Volunteer

Sue has dedicated invaluable time and enthusiasm since 2011. A retired school principal from Rio Vista, CA, she has supported our Run & Walk for Whales, World Whale Film Festival, Ocean Ambassador program and more. We are very grateful for her dedication and attention to detail. Mahalo Sue, for always giving from your heart to Pacific Whale Foundation and to everyone who has met you!



Dan and Val Lardent Members

“Thirty plus years ago we attended a lecture on humpback whales presented by Pacific Whale Foundation. We fell in love with the Gentle Giants that year. In 1987 we adopted our first whale and gave it the name MUNKHOF. Two years later we adopted a second whale and named it MISSE. These two beautiful humpback whales have been an important part of our family for over three decades. We proudly wear shirts featuring our whales wherever we go.”

ADOPT A FALSE KILLER WHALE

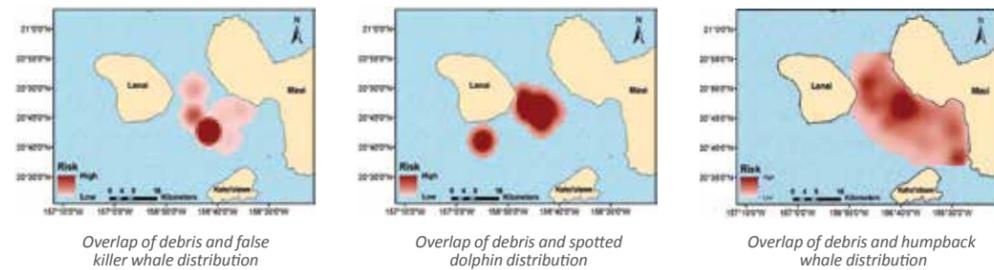
Help us advance this work!
PacificWhale.org/adopt

RESEARCH PROGRAM UPDATE

One of the founding principles of Pacific Whale Foundation is to contribute to the scientific understanding of marine life and marine ecosystems. Our Research team’s efforts are focused primarily in Hawai’i, Australia, Ecuador and Chile. Other study sites have included Alaska, Japan and Tonga; and we work in collaboration with researchers in other areas throughout the Pacific.

Today, we are studying the endangered insular population of false killer whales. With an estimated 150 animals remaining, sightings of this population are rare. With the hope of increasing these encounters, we have successfully obtained a new research permit from NOAA’s National Marine Fisheries Service to expand our study area and to utilize the latest technologies to ensure we are gathering as much information as possible, (e.g. population size, group dynamics, social structure and behavior and movement patterns). We will also, for the first time, utilize unmanned autonomous vehicles (UAVs) to measure body size of individual false killer whales in order to get a better understanding of their health, growth, and to potentially detect pregnancy. Subscribe for our e-news at pacificwhale.org/mailling-list or join as a Member to receive updates on this important work!

More at PacificWhale.org/research/publications



OVER THE PAST 5 YEARS, OUR RESEARCH HAS BEEN FOCUSED ON:

- How vessel speed affects the likelihood of whale-vessel collisions
- Assessing the potential impacts of vessels presence on humpback whale behavior
- The risk that marine debris poses to whales and dolphins in the Maui four-island region
- The rate of debris accumulation on Maui’s coasts and nearshore waters
- The abundance and distribution of odontocetes in the Maui four-island region
- The distribution of mother-calf pods of humpback whales in Hervey Bay, Australia

ACHIEVEMENTS

- **36** years conducting research
- **12** ongoing research projects
- **6,847** individuals in our humpback whale photo-ID catalogs
- **1,265** individuals in our odontocete photo-ID catalogs
- Removed over **700** ft of drifting net from the ocean
- **9** M.Sc./Ph.D. projects supported
- **17** university-educated interns assist with research projects each year
- **305** peer-reviewed scientific publications, reports, conference presentations, and books
- **16,934** items of debris removed from Maui beaches and waters since 2013

PWF-CREATED CITIZEN SCIENCE PLATFORMS

- **Whale & Dolphin Tracker** - log your marine mammal sightings: log.PacificWhale.org
- **Match My Whale** - help researchers find photo-ID matches: MatchMyWhale.org
- **Maui Coastal Marine Debris Monitoring Program** - help document marine debris: VolunteersOnVacation.org

COLLABORATIONS with 91 organizations in the following regions



TALK STORY | HOW CAN SCIENCE AND TOURISM SAVE OUR OCEANS?



14 years ago, college student Blake Moore accompanied his mother to Maui, where she was recruited as a special education teacher. As a biology student, he applied and was hired for a summer position with PacWhale Eco-Adventures booking reservations and assisting on vessels. That summer, he created a plan to complete his studies home in Tennessee in order to vie for a full-time Naturalist position. Today Blake manages more than 100 vessel staff, exclusively recruiting Naturalists that have a science-related college degree, acts as a spokesperson for parent nonprofit Pacific Whale Foundation and runs our Eco-U training program, a rigorous 120-hour class for certified marine naturalists.

“Having a social enterprise model with a for-profit arm requires someone that understands research, education and conservation, knows how to earn revenue and can find a staff that can not only do the work, but hold them accountable for ensuring their passengers that they are supporting a nonprofit,” remarks Blake’s colleague, Jens Currie. “Blake ensures that everyone’s on board with the mission. I’ve never seen him struggle to communicate the message effectively. He has a lot of passion, and he puts the organization first.”

In 2013, Jens Currie came to Pacific Whale Foundation as a data analyst from Canada’s Department of Fisheries and Oceans. With an ambition to explore more robust statistical methods of potential anthropogenic impacts on cetacean populations, Jens is now Senior Research Analyst.

“Jens has really brought a level of professionalism to our Research department and communication to both vessel staff and the public that had previously been lacking,” remarks Blake, “He brought a systemic approach to Research in a way that people can actually follow.”

Though Blake and Jens represent very different aspects of Pacific Whale Foundation, their respect for the mission, the ocean and one another offers a fitting representation of why our organization works. Here, they discuss how that came to be.

Jens: Blake, Why do you work here?

Blake: PacWhale is one of the few places where you can put your passions to work and actually make a difference in the world. I love the people that I work with and I love business; I’m a competitive person. It’s powerful to see a company of this size moving forward with a purpose. Why do you work here, Jens?

Jens: I knew the organization from my work in Canada. I was on board with the mission and the vision. Why do I stay? The people. The passion is really contagious; it spreads and makes you feel motivated to push yourself to do more.

Blake: What is the biggest challenge to our oceans here on Maui?

Jens: Being the most isolated archipelago in the world, there are various aspects that are going to make research priorities here more important than elsewhere – specifically regarding marine debris and endemic species. A lot of debris ends up in Hawai’i and entanglements are common. We also struggle to raise awareness on our false killer whale research, with only 150 remaining, sightings are rare. It’s hard to ignite the same passion that the public has for humpback whales, (of which we may see 20 pods per day), to the passion for false killer whales, (of which we may see 20 pods per year, at most). How do you think our departments can work together to make a difference?

Blake: Our model is set up for exactly that: you’re the scientists, we’re the broadcasters. It’s my job to convey your findings to the decision-makers/our voting public. Without the research to back up our messaging, we won’t have protection from cigarette butts and plastic straws all over our beaches, for example. It’s these facts that help to instill a sense of kuleana in our passengers; to help perpetuate community involvement in the protection of our natural resources.

ABOUT OUR ECO-ADVENTURES

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 whale watch.

Owned 100% by Pacific Whale Foundation, all profits support the organization’s research, education and conservation programs. *Cruise with us, make a difference.*



WHALEWATCH • SNORKEL • SUNSET DINNER • COCKTAIL & EVENING • SAIL • HOLIDAY • DOLPHIN WATCH • PRIVATE CHARTERS



OCEAN CAMP | SUMMER: JUNE 4 - AUGUST 3

Ocean Camp offers fun, adventure and learning for children entering or currently in grades 1 – 5. Campers learn about the oceans and Maui’s natural environment while building new skills and making new friends. Each week centers around an ocean-related theme, and every day includes hands-on science lessons, fun games and activities, creative arts and crafts and nature based field trips. Upcoming sessions are listed below.

- | | | | | |
|--------------------------|------------------------------------|-------------------------|---------------------------------|------------------------|
| SOUNDS OF THE SEA | ARE YOU AFRAID OF THE DARK? | OCEAN LOCOMOTION | ONCE UPON AN ARCHIPELAGO | ON THIN ICE |
| July 2-6, 2018 | July 9-13, 2018 | July 16-20, 2018 | July 23-27, 2018 | July 30-August 3, 2018 |



Visit pacificwhale.org/education/ocean-camp to learn about daily field trips, such as: Atlantis Submarine; Kamaole Beach III; Hawaiian Islands Humpback Whale National Marine Sanctuary Visitor Center & Fishpond; Kapalua Coastal Trail; La Perouse Bay Hike; Maui Canoe Club; Maui Ocean Center; Private Snorkel Cruise; Surfing; Waikamoi Preserve Hike and more! Daily and weekly camps are available, but space is limited so be sure to register early. Fall and Winter Ocean Camp dates are also now available online.

THE LAST STRAW | REUSE OR REFUSE



Each year, Pacific Whale Foundation adopts, educates and advocates for an ocean conservation initiative with the goal of involving the public in our mission and vision. This year, we have built a robust awareness campaign for *The Last Straw*, an appeal to either reuse or refuse (#ReuseOrRefuse) single-use plastic straws, both at home and while eating or drinking out.

“This issue has grown so fast and wild that it’s consuming our planet,” remarks Rachael Lallo, the artist responsible for the honu straw sculpture pictured, “It’s obviously a huge threat and it feels that we’ve only recently realized it. But it’s never too late to make a change.”

Highlights of *The Last Straw* initiative include wiping out all straws on our PacWhale Eco-Adventures (which took effect in 2015); offering alternatives such as paper, bamboo or stainless steel straws in our Ocean Stores; collecting signatures from nearly 1,000 individuals who have pledged to refuse straws and purchase alternatives to plastic products; working with the Office of the Mayor to issue an official proclamation entreating all Maui residents and visitors to do their part in protecting the ocean from plastics; partnering with local businesses, such as Cool Cat Cafe, Down the Hatch, Maui Ocean Center, Milagro’s and Nalu’s to educate others about the inherent dangers introduced to our ocean environment by single-use plastic straws and how to help; sharing miniature business cards (printed on FSC-certified paper) with reminders to reduce single-use plastics for businesses that have yet to make the change; engaging our summer Ocean Campers in “Pollution Solutions” art challenges that exhibit what they’ve learned about #ReuseOrRefuse; a free screening of the thought-provoking, award-winning documentary STRAWS, followed by Q&A with leading conservation experts; free public Coastal Marine Debris Monitoring Program activities and results-sharing; and a full-day event dedicated to ‘encouraging solutions to plastic pollution and preventing marine litter,’ which occurred on World Oceans Day (June 8, 2018). Have an exciting collaboration prospect? Contact us today.

We all contribute to this problem, so every single one of us can make a difference. Join us in our campaign to #ReuseOrRefuse your straw by signing our pledge and telling your favorite bar/restaurant to go straw free!

PacificWhale.org/TheLastStraw **#REUSEORREFUSE**



500 MILLION straws a day are used in the United States alone - enough straws to wrap around the **EARTH 2.5 TIMES** every day



REDUCE THE AMOUNT of single-use plastic in your household and make **ECO-FRIENDLY CHOICES**



Straws are one of the most common **MARINE DEBRIS** items in the world and along with other **SINGLE-USE PLASTICS** are polluting the oceans



REFUSE TO USE straws and ask your local restaurants and businesses to **BAN PLASTIC STRAWS** or dispense only upon request



Straws are **HARD TO RECYCLE** or even transport to landfills because of their size and weight so they often **END UP ON BEACHES** or in the ocean



USE ALTERNATIVES to plastic such as paper, stainless steel, glass and bamboo - **ENCOURAGE OTHERS** to do the same



Plastic straw alternatives like this CocoStraw are available in our Ocean Stores at Ma’alaea and Lahaina, Maui and Hervey Bay, Australia. Also at Store.PacificWhale.org



THE 411 ON THE IWC



As part of our core advocacy work on behalf of whales, Pacific Whale Foundation is actively involved in the proceedings of the International Whaling Commission, commonly known as the IWC. At its inception in 1946, the IWC was essentially a league of whaling nations – established to promote “the orderly development of the whaling industry” and concerned mainly with setting standards and specifications for whaling: what whales could be killed, where, when, how and how many. Today, however, its annual meetings gather roughly 200 scientists from 40 countries to present their research and recommendations for whale conservation and management policies.

Senior Research Biologist Stephanie Stack attended this year’s meeting in Bled, Slovenia as a Pacific Whale Foundation representative, and shares her experience with us here.

How did PWF get involved in these annual IWC meetings?

Greg (Kaufman) attended the IWC early in his career as the delegate from Tonga and later as an Invited Participant (i.e. independent researcher, not representing a member country), helping to create its “Five Year Global Plan for Whale-watching” and digital Whale Watching Handbook, out later this year. It was important for Greg to see whale-watching developed in a sustainable manner, and his involvement with the WW subcommittee was largely aimed at developing principles and guidelines for whalewatching which will help guide the development of whalewatching regulations around the world.

What were some of PWF’s contributions and takeaways from the 2018 meeting?

Pacific Whale Foundation engaged in international program progress reports, which were discussed in terms of managing and conserving whales worldwide. Participating in this exchange really helps us to identify areas where data may be lacking and to identify trends that need more research. Our work using whalewatching boats as a platform for research was very well received at the IWC, and the whalewatching subcommittee in particular has recognized that PWF were pioneers of this type of research. We were encouraged to develop standardized methods for opportunistic data collection so that researchers can compare data sets across different regions.

Regarding photo identification research, I realized that we are ahead of the curve with our photo-ID methodologies, and was able to share suggestions and advice with a number of other researchers. People were very impressed that we have gone completely digital with our field data collection and we discussed the pros and cons of various apps for data collection. Whale & Dolphin Tracker (our free mobile app) was extremely well received. I was also able to speak with some researchers who are starting to use UAVs/ drones for their work, and as we are doing the same here we spent some time comparing equipment and analytical methods – this was very helpful and timely. In general, building relationships with collaborators at this level is highly important for our work and will benefit PWF in the long-run.

Overall, my time in Slovenia allowed me to have a deeper understanding of the role PWF has played on this international level, and I look forward to refining our research direction with this newfound knowledge and guidance.

NEW PUBLICATION ON MOTHER-CALF HUMPBCKS ON MAUI



Among humpback whales, mothers with calves are a particularly special group, especially in terms of conservation. Whale calves represent the next generation of an increasing population of humpback whales that will need our continued monitoring and stewardship. To study where they spend their time while here on Maui, our Research department analyzed data collected

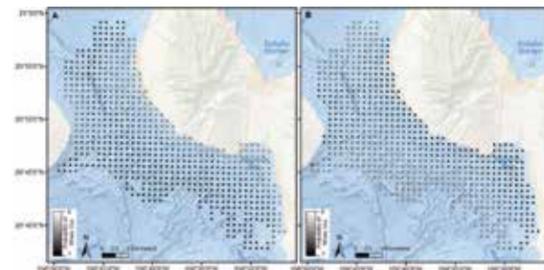
by marine naturalists working aboard PacWhale Eco-Adventures using the Whale & Dolphin Tracker app.

From 2013 – 2017, naturalists used the app to record location and group information about humpback whales they encountered. This approach allowed the researchers to collect data more often and over a much larger area than possible with a single research vessel.

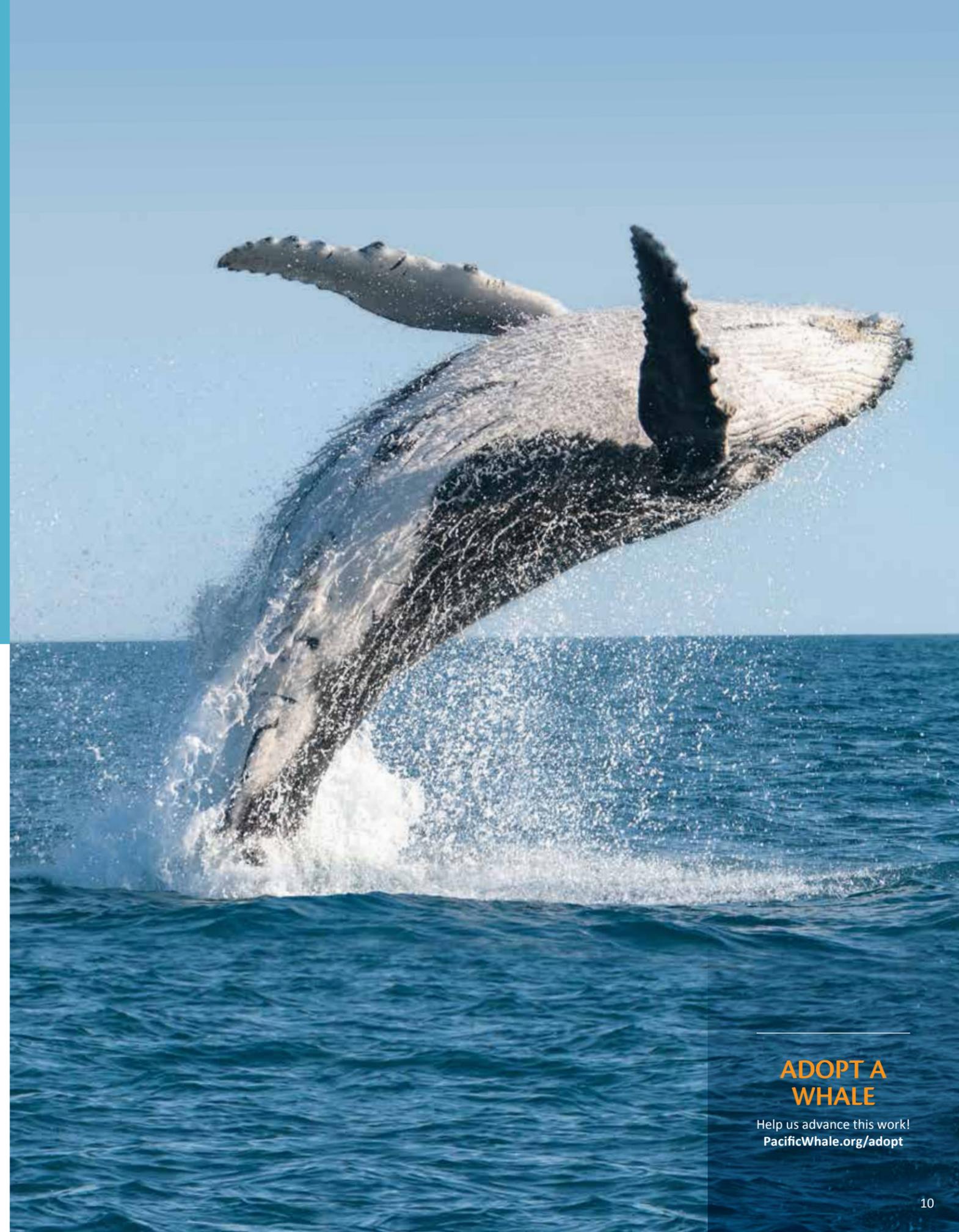
From these sightings, the Research team found that pods of whales that contained calves prefer shallower waters than pods without calves. Pods with calves were also more likely to be seen farther south within the study area, implying that they show a more specific preference for waters near Ma’alaea Bay and South Maui compared to similarly shallow areas in the ‘Au’au Channel.

Other scientists have reported humpback whale mother-calf pods showing preferences for shallow, protected areas in regions such as Brazil, Madagascar and the Dominican Republic, but our researchers were the first to conduct a long-term study across the Maui four-island region. The North Pacific population of humpback whales is growing, so it’s important to know how these whales are using their habitats in order to effectively manage human activities.

Darker dots represent higher chance of sightings of pods without (left) and with a calf (right).



Study results at scirp.org/journal/PaperInformation.aspx?paperID=83808
Also available on our website: pacificwhale.org/research/publications
[first paper under 2nd menu option: refereed scientific articles]



ADOPT A WHALE

Help us advance this work!
PacificWhale.org/adopt



VOLUNTEERS ON VACATION

Volunteers on Vacation is a free program offered by Pacific Whale Foundation to help you easily find meaningful service projects to benefit Maui's environment. Visitors and residents can spend a few hours giving back to the local community while enjoying access to "off the beaten trail" places and learning about the history and natural ecosystem of the area.

Signing up is easy. Just call Pacific Whale Foundation at least 24 hours in advance at (808) 201-4014 ext. 1 between 6am and 9pm (HST) — or — visit PacificWhale.org and click on *You Can Help* for more information.



HALEAKALĀ NATIONAL PARK

Every 1st and 3rd Saturday

7:30 am - 2:30 pm

Help preserve the park's native ecosystem
Free transportation to the summit provided

HOALOHA'AINA

Every Monday

7:30 am - 9:30 am

South Maui trail and beach projects with other "Friends of the Land" volunteers

HAWAIIAN ISLANDS LAND TRUST

Every Friday

8:00 am - 12:00 pm

Help protect native wildlife habitat at Waihe'e Coastal Dunes and Wetlands Refuge

MAUI CULTURAL LANDS

Every Saturday

9:00 am - 3:30 pm

Help restore Honokowai Valley while learning about Hawaiian history and culture

O'O FARM

Every Wednesday

8:45 am - 11:30 am

Hands-on learning about sustainable farming on an organic farm in upcountry Kula

GREEN FEATURES

Each issue, we'll feature tips on how to protect the environment at home or at work. These *Green Features* aim to motivate and inspire a community of environmentally minded citizens. Learn more about our *Green Features* at PacificWhale.org and let us know your own tips!

REEF-SAFE SUNSCREEN

We provide reef-safe SPF 50 sunscreen that is zinc-based and does not contain oxybenzone or octinoxate, free at check-in for Eco-Adventure passengers and available for sale at our Ocean Stores. You can also exchange non reef-safe sunscreen at our Ocean Stores for 20% off reef-safe sunscreen.

SUSTAINABLY PRODUCED LOCAL PRODUCTS

Whenever possible, we choose locally grown or produced food and beverage products for our cruises, for example, all-natural grass-fed beef from Maui Cattle Company, fresh produce from O'o Farm and beer from Maui Brewing. We only serve sustainably harvested or farmed seafood, as recommended by the Seafood Watch program.

GREEN INCENTIVES AND PRACTICES

Employees are provided with incentives to ride the bus to work or to purchase a hybrid or electric vehicle. Employees also routinely conduct beach and harbor clean-ups, and participate in the annual "Get the Drift and Bag It" event to remove marine debris from beaches and shorelines.

MEET OUR NATURALISTS



Maddie Buresh (Maryland)
Stony Brook University and Deakin University Australia

Was part of the team that started operations in Hervey Bay, Australia last year



Tizoc Garcia (Texas)
A&M University and University of Texas Pan American

Began working with PWF as a research intern in Australia and is now a Marine Naturalist on *Ocean Voyager*



Aylissa Moser (Arizona)
University of Arizona

Started in 2013 as a Marine Naturalist and is now Captain on *Ocean Spirit*



10 WAYS TO GET INVOLVED

ADOPT

Your love for the 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 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 Eco-Adventure on Maui.

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 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.

DONATION FORM

Send this completed form with your donation to:

Pacific Whale Foundation
300 Ma'alaea Road, Suite 211
Wailuku, HI 96793

Checks may be made payable to **Pacific Whale Foundation**.
You can also give online at PacificWhale.org/you-can-help

Your Name: _____

Address: _____

Email: _____

Phone: _____

GIFT TYPE

- Patron (\$1,000)
- Contributor (\$500)
- Supporter (\$250)
- 'Ohana (\$125)
- Individual (\$50) | Students and Seniors (\$45)
- Other:

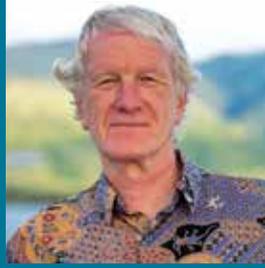
Comments:

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.

LEADERSHIP



Eric Brown PhD, MS
Chair



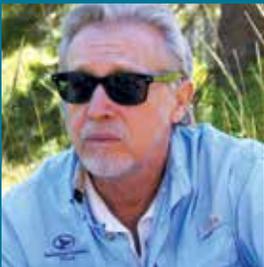
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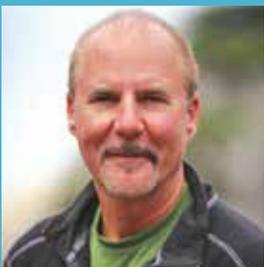
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