



Monterey Bay National Marine Sanctuary

Sanctuary Office Report



Volume 15, Number 5

A REPORT FOR THE SANCTUARY ADVISORY COUNCIL MEMBERS

REPORTING PERIOD: JULY 28, 2018 – SEPTEMBER 27, 2018

ABOUT THE SANCTUARY

Designated in 1992, Monterey Bay National Marine Sanctuary (MBNMS or Sanctuary) is a federally protected marine area offshore of California's central coast. Stretching from Marin to Cambria, MBNMS encompasses a shoreline of 276 miles and 6,094 square statute miles of ocean.

Supporting one of the world's most diverse marine ecosystems, it is home to numerous mammals, seabirds, fishes, invertebrates and plants in a remarkably productive coastal environment. MBNMS was established for the purpose of resource protection, research, education and public use of this national treasure.

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) AND OFFICE OF NATIONAL MARINE SANCTUARIES (ONMS) NEWS

Innovative technology promises fast, cost-efficient age data for fisheries management

Knowing how long fish live and the number of different age groups in a fish population is essential to sustainably manage Alaska's valuable fisheries. NOAA Fisheries scientists are evaluating the use of machine-based technology - Fourier Transform-Near Infrared Spectroscopy (FT-NIRS) of otoliths -- to determine fish age. Initial results on Bering Sea walleye pollock otoliths suggest with this technology NOAA Fisheries will be able to determine the age of fish more quickly and cost-effectively. Efficiency is likely to vary by species, however, for pollock preliminary estimates of efficiency could improve by 600%-800%. "This could transform, even revolutionize, the way we collect age data," says Dr. Thomas Helser of the Alaska Fisheries Science Center Age and Growth Program, who is spearheading the effort. "FT-NIRS analysis is rapid and repeatable, and our preliminary analysis for eastern Bering Sea walleye pollock is highly promising." For more information:

<https://www.fisheries.noaa.gov/feature-story/innovative-technology-promises-fast-cost-efficient-age-data-fisheries-management>

Environmental Literacy Program awards \$3 million to advance community resilience through education

NOAA's Environmental Literacy Program is funding nine new projects that will use education to build the foundation for resilience to weather and climate hazards. Together, these projects - reaching from Alaska to the U.S. Virgin Islands - will receive a total of \$3 million to empower people to protect themselves and their communities from local environmental threats. Recent events underscore the need for resilience education. In 2017, the United States experienced 16 billion-dollar disasters, including three catastrophic hurricanes and several deadly wildfires. As these events and others have shown, successful resilience efforts cannot be limited to fortifying infrastructure and improving policies; they also depend on public engagement. Projects funded through the Environmental Literacy Program not only engage members of the public in understanding how their municipalities can become more resilient, but also enable people of all ages to take part in building safe and enduring communities. For more information:

<https://www.noaa.gov/news/environmental-literacy-program-awards-3-million-to-advance-community-resilience-through>

Humpback whales are navigating an ocean of change

In late December 2015, Ed Lyman started getting calls from whale watching companies on the island of Hawai'i. "Ed, how are the whales off Maui?" tour operators were asking. "We've never seen them arrive this late." Lyman is the large whale entanglement response coordinator for Hawaiian Islands Humpback Whale National Marine Sanctuary. While the sanctuary coordinates and leads the effort to free whales from life-threatening entanglements, it relies heavily on tour operators, fishermen, researchers, and other members of the on-water community to help find and monitor them. That same on-water community plays a major role in monitoring the overall health of and risks to humpback whales throughout Hawai'i. Lyman works closely with these groups. For more information:

<https://sanctuaries.noaa.gov/news/sep18/humpback-whales-navigating-an-ocean-of-change.html>

NATIONAL MARINE SANCTUARY NEWS

Article Published on Great Shearwater Mysterious Die-Off

The publication *EcoRI*, which focuses on environmental news in southern New England, produced a story about Great Shearwater seabirds and the mysterious shearwater die-off that occurred in southern New England during 2016 and 2017. SBNMS research coordinator, Dr. David Wiley, and SBNMS collaborator and NOAA Nancy Foster Fellow, Anna Robuck (University of Rhode Island), are leading an investigation into the deaths that remain a mystery. The story demonstrates the leading role NOAA and ONMS scientists play in research pertaining to the health of the oceans. The story can be found at:

<https://www.ecori.org/natural-resources/2018/8/8/seabird-die-off-remains-a-mystery-year-later>

World War II Aircraft Recovery Begins

Michigan State Maritime Archaeologist Wayne Lusardi of Thunder Bay National Marine Sanctuary led an expedition to recover artifacts from the wreck of a World War II airplane in Lake Huron. The airplane, a Bell P39 Airacobra, crashed in April 1944 near Port Huron. Tuskegee Airman Lt. Frank Moody was killed in the training accident. Divers discovered the wreck site in 2014 and archaeological documentation began a year later. Earlier this year, the State of Michigan awarded a recovery permit to the National Museum of the Tuskegee Airmen in Detroit. The aircraft wreck will be documented in place, recovered, conserved, and eventually exhibited in Detroit. The recovery process began the week of August 27th. The instrument panel, drive shaft, radio antennae, armored glass windshield, and starboard side door were removed from the lake bottom by Lusardi and volunteer divers Justine Benanty and Ernie Franklin of Diving with a Purpose, Capt. Luke Clyburn of the Noble Odyssey Foundation, and Dr. Brian Smith of the National Museum of the Tuskegee Airmen.

Two new sponge species identified near Farallones from 2016 ROV research cruise

Scientists from the California Academy of Sciences and the Royal British Columbia Museum, in collaboration with Greater Farallones National Marine Sanctuary, described two new sponge species collected during the 2016 research near the Farallon Islands, on a joint NOAA-Ocean Exploration Trust research cruise. The specimens, *Staurocalyptus pamelaturnerae* and *Hyalascus farallonensis*, were growing on the wreck of USS *Independence*, on the side of the midship gun turret, in the northwest section of Monterey Bay National Marine Sanctuary adjacent to Greater Farallones sanctuary off San Francisco. A third sponge, *Farrea schulzei*, also found on the USS *Independence*, had not been described since the late 1800's and was re-described, renamed and its range of occurrence was updated. The paper, "Four new species of Hexactinellida (Porifera) and a name replacement from the NW Pacific", was authored by Dr. Henry M. Reiswig and published in *Zootaxa*,

<https://doi.org/10.11646/zootaxa.4466.1.11> Characterization of sanctuary habitat is critical for effective management of resources.

White sharks return to Farallones "lunchroom" – public advised to avoid disturbing them.

On September 21, Greater Farallones National Marine Sanctuary issued a Superintendent's Statement to advise the public that white sharks have made their annual appearance in Greater Farallones National Marine Sanctuary off San Francisco, and that they are protected from disturbance from boats, wildlife watchers, and other activities. In 2009 NOAA restricted attracting (feeding or luring) or approaching white sharks in the Greater Farallones sanctuary, except under special permit. These regulations are designed to minimize disturbance to white sharks while feeding on seals and sea lions. The sanctuary provides a rare, safe haven for them. A small commercial cage diving industry in the sanctuary offers the adventure of in-water shark encounters. There is pressure to use more aggressive methods of attracting sharks to boats, but research on use of food and other attractants to lure sharks for tourism has demonstrated that sharks can become attracted to boats, disrupting their natural feeding activities. The public should be aware of the possible impacts of such distraction, especially nutritional costs to the sharks For information: <https://farallones.noaa.gov/eco/sharks/> or <http://thankyouocean.org/protecting-great-white-sharks>



MONTEREY BAY NATIONAL MARINE SANCTUARY NEWS AND PROGRAM UPDATES



MANAGEMENT

Monterey Bay National Marine Sanctuary holds Advisory Council meeting

On August 17th, the MBNMS Advisory Council met and received a series of presentations and updates on marine plastics and microfibers, a research cruise aboard NOAA Ship *Bell M. Shimada*, a project quantifying impacts of traditional and modified trawl gear. The next meeting will be held on October 19th in Salinas. Sanctuary Advisory Councils are community-based advisory bodies consisting of representatives from various user groups, government agencies and the public at large. The role of the council is to provide advice to the sanctuary superintendent on the designation and/or operation of a national marine sanctuary.

RESEARCH AND MONITORING

MBNMS Attends CeNCOOS-IOOS partner roundtable

On July 19th, Jennifer Brown and Andrew DeVogelaere attended one in a series of roundtable discussion on ocean and coastal monitoring in Monterey Bay and beyond. The roundtables, hosted by Central and Northern California Ocean Observing System (CeNCOOS) program, included the U.S. IOOS Director Carl Gouldman and NOAA partners and stakeholders from around the region. The discussion covered the priority needs of management agencies for physical, oceanographic and biological observing data and recent progress in data serving, modelling, and user-driven product development. A few areas for near-term coordination and collaboration were identified and will be the focus of future discussion. Cooperation and coordination among NOAA offices leverages limited resources to more effectively deliver observing information in support of resource management needs.

MBON demonstration projects give update to Biodiversity Ad Hoc Working Group

Updates were provided by the four U.S. Marine Biodiversity Observation Network (MBON) demonstration products during a special meeting of the Biodiversity Ad Hoc Working Group on July 26th. The meeting was attended by over 60 participants in a variety of NOAA offices including representatives from many sanctuary programs and sites. The Sanctuaries MBON demonstration project (focused on Monterey Bay and Florida Keys sanctuaries) highlighted progress on emerging observing methods as well as development of data products targeting information needs of different user groups. MBON project leaders highlighted the utility of sanctuaries as testing beds for the application of biodiversity observing data to inform ecosystem based management. MBON is looking to engage sanctuary managers across the system for input on the utility of data products currently under development and identification of additional data product needs. The Sanctuaries MBON demonstration project is linking federal and non-federal partners to help us better understand the current status and trends of biodiversity and potential threats to biodiversity in sanctuaries.

Scientists collect oceanographic and biological data above Davidson Seamount

Scientists from Monterey Bay National Marine Sanctuary (MBNMS), Point Blue Conservation Science, and Applied Marine Sciences conducted regional characterization and monitoring of the physical and biological components of the open ocean ecosystems of Davidson Seamount within (MBNMS), aboard NOAA Ship *Bell M. Shimada* during July 15-24. Projects included marine mammal and seabird observations, plankton tows, midwater fish trawls, CTD, echo-sounder data collection, sea surface collection of microplastics, and water sampling for persistent organic pollutants and harmful algal blooms (HABs). Data will be used to relate the spatial patterns of bird and mammal distribution with prey and oceanographic patterns, and identify resources at risk from human threats. Local news reporters (KION and KSBW) visited the ship in Monterey on July 20th. NOAA and other regulatory agencies use this information in management decisions and to protect resources

in national marine sanctuaries. Cruise information available on MBNMS web site (<https://montereybay.noaa.gov/new/2018/180709davidson.html>) and cruise blog with photos and video on SIMoN web site (<https://sanctuarysimon.org/davidson2018/>)

RESOURCE PROTECTION

No report

EDUCATION, VOLUNTEER AND OUTREACH PROGRAMS

Multi agency exhibit design meeting

U.S. Forest Service (USFS), ONMS West Coast Region Office and Monterey Bay National Marine Sanctuary (MBNMS) staff combine forces in an all day salmon exhibit design meeting. Staff from ONMS West Coast Region Office, MBNMS and USFS came together in a one-day meeting at the Sanctuary Exploration Center for a design charrette of a salmon panel. This panel is a complimentary addition to an existing 3-panel California Salmon exhibit developed in partnership with National Marine Fisheries Service. Using themes developed by sanctuaries and USFS, the group was led through a systematic process to develop the “big message” for Panel #4, prioritize themes and come up with possible messages for each theme. The group also spent time brainstorming possible visitor experiences for an interactive panel. This 4th panel will highlight the partnership and collaboration of sanctuaries and USFS and complement the California Salmon traveling exhibit.

Promoting “Get Into Your Sanctuary” campaign on local Monterey talk radio KRML

On August 1, 2018, MBNMS Education Coordinator Amity Wood was invited to join local radio station KRML (FM102.1) for a segment called “Pub Talk,” which was also featured on Facebook live on the KRML Facebook page for viewers. The focus of the 15 minute segment was to highlight sanctuaries’ role in ocean conservation and protection, with an emphasis in supporting sustainable recreational uses and highlighting the Get Into Your Sanctuary national campaign. The discussion touched on supporting a “Blue Economy” in the region, the role that sanctuaries play in driving ocean tourism, and also promoted responsible wildlife viewing practices. GIYS events held at the Sanctuary Exploration Center and Coastal Discovery Center on August 4th were promoted, as well as encouraging people to just get into their sanctuary to build connections through personal experiences. Public outreach through media and the promotion of sanctuary campaigns and events help heighten sanctuary awareness and the special nature of these places. Community outreach also helps support recreational tourism with promotion of responsible and sustainable uses.

Get Into Your Sanctuary Day engaged with hundreds at the Sanctuary Exploration Center in Santa Cruz

On August 4th, 2018, MBNMS staff members conducted their 5th annual Get Into Your Sanctuary Day engaging over 600 members of the public visiting the Sanctuary Exploration Center. MBNMS Staff gave four “Virtual Wildlife Viewing” presentations throughout the day highlighting the diversity of wildlife found within MBNMS, locations for remarkable wildlife viewing, and guidelines for responsible viewing etiquette. Staff also hosted an outreach booth demonstrating ocean recreation equipment and offering advice for how and where to recreate within the sanctuary. The booth featured information from nine local recreation outfitters and tour guides who had partnered with MBNMS staff to also hand out sanctuary brochures and materials in their businesses throughout GIYS day. Events where sanctuary sites across the system host concurrent public events, help heighten sanctuary awareness and the special nature of these places, as well as engages the local communities and recreational tourism business partners in recreational and educational activities IN our sanctuaries.

Sanctuary Exploration Center hosts Monthly “First Friday” Pop-Up Art/Science Event

On August 3, 2018 the MBNMS Exploration Center hosted a First Friday science and art event highlighting the amazing Kelp Forests found within MBNMS. The event featured local artist, Jessie Kendall-Barr pop-up art gallery that displayed many animals found along California’s central coast. Over 200 First Friday attendees enjoyed the art, do-it-yourself kelp fabric printing, and sanctuary virtual dives using VR headsets. Community events such as First Fridays are a perfect opportunity to bring art, activities and science together as an innovative education tool to promote and inspire visitors to protect and conserve the health of Sanctuary ecosystems.

Visitors Get Into Monterey Bay National Marine Sanctuary at San Simeon Bay

It was a glorious weekend for getting into your sanctuary for over 400 visitors at Hearst San Simeon State Beach last weekend. Visitors spent the day swimming, kayaking and enjoying the beach, as well as taking part in activities offered at the Coastal Discovery Center. Visitors of all ages learned about the old whaling station in San Simeon, how to identify whale and dolphin species along our coast, and were amazed to see what lives in a drop of ocean water. Children also participated in a Get Into Your Sanctuary (GIYS) scavenger hunt in the center and in the park, and students from CA Polytechnic State University modeled a GIYS banner while kayaking in San Simeon Bay! Through recreational activities, visitors world-over discovered that San Simeon Bay is part of Monterey National Marine Sanctuary. Through educational activities, visitors were given the tools to appreciate their surroundings and become ocean stewards.

Campers experience ocean feeding frenzy at Coastal Discovery Center, San Simeon

Over 100 campers from Camp Ocean Pines in Cambria partnered with the Coastal Discovery Center this summer to learn about marine ecosystems, and the conservation and research efforts taken by MBNMS to protect the ocean. At the San Simeon Pier, campers learned how to examine the health of the bay by taking water samples to measure chemical, physical and biological parameters, including a census of birds and mammals. This week, campers representing China, England, Arizona, and CA were delighted to see pelicans, sea lions and even humpback whales feeding on millions of anchovies, a similar scene to the one painted on the Coastal Discovery Center mural. It was an unforgettable experience and a perfect wrap-up to a lesson on how conservation efforts pay off! Partnering with local camps helps to enhance the education content of camp programs while fulfilling the education goals of Monterey Bay National Marine Sanctuary.

MBNMS takes part in Journalist “Dream Drive Event”

Visit California, in partnership with Caltrans, Monterey County Convention and Visitors Bureau and Visit SLO CAL, hosted a Hwy 1 Dream Drive experience to celebrate the reopening of Hwy 1 after an 18-month long closure due to landslides. The Dream Drive began in Monterey and ended in Morro Bay, inviting an exclusive group of global journalists and influencers to come along for the ride and partake in various field trips. On Saturday evening, San Simeon Chamber of Commerce hosted the 64 members for dinner and invited MBNMS’ Carolyn Skinder to talk about the natural history within MBNMS and how healthy oceans are vital to the success of the tourism industry. As tourism increases along the CA Coast, it is important to work with the tourism industry to help promote the National Marine Sanctuary system and their messaging.

Annual Ocean Fair at MBNMS’ Coastal Discovery Center a great success!

This year marked the 10th annual Ocean Fair put on by Monterey Bay National Marine Sanctuary at the Coastal Discovery Center in San Simeon Bay. Each year, the fair celebrates the pristine natural and cultural resources of MBNMS with over 22 agency and nonprofit partners in ocean and coastal conservation who engage the public via Interactive demonstrations, games and crafts. Children built their own underwater robots, met and learned about rescued pelicans, how to properly handle touch tank animals, how oil spills are cleaned up, how to respect the “personal space” of a sea otter, and what their state and federal marine protected areas protect. Participants

also learned about the cultural history of the area via exhibits on BLM's Piedras Blancas Light Station, shore whaling at San Simeon and traditions of the North Chumash tribe. This year, the Cambria Fishing Club taught participants proper fishing etiquette while fishing from the San Simeon pier. To everyone's delight, a large school of jack mackerel showed up right under the pier! Fish of legal size and species were then donated to Willowtree Wildlife (pelican) Rescue. Thirty volunteers hosted between 550-600 participants, a combination of local, national and international visitors. To encourage visitation to all 20 booths, children were encouraged to answer one question per exhibit to obtain a stamp for a passport booklet. Local students used the booklets to gain extra credit, and all were pleased with their prize of a "you make a difference" whale tail keychain. Sponsors for this event were CA State Parks, San Simeon Chamber of Commerce, Seabird Protection Network, and the Cambria Community Council/Community Bus.

For more information on California State Parks' Periscope program:

<https://www.pscp.tv/w/blQjmTFvUEtMYnhtVk9FZG58MVBsS1FyUWJxWE5HRUVGhQCJpZ6N9pKI9SIArYbqE8VdnpLgCY5KJ0Fax47t>

and

<https://www.pscp.tv/w/blQj7TFvUEtMYnhtVk9FZG58MVIxSkRRTE5qTFZ4Vq7xT3PfP1xwq4Mz3q2ekieA7HFF-n23u3-Qnp7YSfVr>

The Ocean Fair is a great way to recognize and to build comradery with our partners in ocean conservation and protection, bring together local volunteers of all ages, and teach hundreds of visitors about MBNMS in Monterey and San Luis Obispo counties.

MBNMS Joins Friends of Elephant Seal docents in Annual Pinedorado Parade


Staff from MBNMS' San Simeon office marched in their first Pinedorado Parade in Cambria last Saturday. Organized by the Lions Club, participants of this 70-year old parade included bands, horses, antique cars, fire trucks, dance groups, and local volunteer groups such as Friends of the Elephant Seal (FES). This year, MBNMS was invited to march alongside FES docents in solidarity. Banners, washboard music, a rowdy chorus of men imitating elephant seal noises and Don't Be That Guy posters earned the group 2nd place! MBNMS has worked closely with the Friends of the Elephant Seal organization for the last 20 years to protect the largest population of northern elephant seals in mainland U.S. Marching in a parade together helped solidify our partnership while reminding the public of how we all work together to protect our ocean and its inhabitants.

MBNMS SEC Celebrates First Friday with Local Santa Cruz Artist Meg Venter

On September 7, the Sanctuary Exploration Center stayed open into the evening to celebrate First Friday. Meg Venter of September Wren Photography showcased local Santa Cruz photos in the lobby. This was an amazing connection to make, as Meg has worked with us in the past and is a world-renowned photographer (her prints are available at Artisans, Pottery Barn and more prestigious locations). Upstairs, docents helped kids create DIY "mini-oceans" using recycled bottles, blue water and sand, which they could take home as a reminder of their time at the SEC. Staff provided snow cones on the front patio of the center, presenting new opportunities for connecting with the general public and garnering donations. Eighty-eight members of the community attended, including Meg's four young children. Much of her photography was taken at the Santa Cruz Boardwalk, so this event was a great way to combine education about the Sanctuary with photography from the coast. First Friday events allow the center to stay open later to reach more of the public to learn both about the Sanctuary and local artists.

MBNMS Hosts Coastal Cleanup for its 12th Year

Fifty-two pounds of trash and one large 60-pound plastic container were collected at Hearst State Park and Beach, San Simeon Cove and San Simeon Point last Saturday as part of the annual statewide Coastal Clean Up Day. Thirty dedicated volunteers from Cambria High School, local towns and the Cambria Youth Bike Club



participated in the event to combine their trash with 35 coastal and inland locations throughout San Luis Obispo County. Countywide, 4,237 volunteers picked up 5,664 pounds of trash and recyclables! The highest number of items were cigarettes and food wrappers, straws and beverage cans. Although not collected, there was also one dead sea otter located and called into CA Dept. Fish and Wildlife. Addressing marine debris through events such as Coastal Cleanup Day helps to develop social awareness about the problem of trash in our ocean and waterways. It also demonstrates what we can accomplish together while forming alliances to neighbors, MBNMS and the Coastal Discovery Center.

MBNMS Exploration Center celebrates volunteers

On September 15, MBNMS staff hosted a luau party to celebrate the achievements of our Exploration Center volunteers. Volunteers received pins, hats, water bottles, and other items. The staff made Hawaiian themed dinner for the volunteers, as well as snow cones and festive drinks. Friends of the SEC played guitar and taught hula lessons. Throughout the night, staff and volunteers played games, took photos, and laughed together. It was a great way to end the busy season, during which we welcomed almost 30,000 visitors into our center. The yearly end of summer party is a great way for volunteers to be recognized for their achievements and relax after the busy summer season.

NEWS COVERAGE

[Get to know San Simeon Bay better at 4th annual sanctuary day](https://www.sanluisobispo.com/news/local/community/cambrian/article215877925.html)

<https://www.sanluisobispo.com/news/local/community/cambrian/article215877925.html>
San Luis Obispo Tribune – July 31, 2018

[Fishing boat runs aground, fuel removal planned](https://www.sfgate.com/news/bayarea/article/Fishing-Boat-Runs-Aground-Fuel-Removal-Planned-13151363.php)

<https://www.sfgate.com/news/bayarea/article/Fishing-Boat-Runs-Aground-Fuel-Removal-Planned-13151363.php>
San Francisco Gate – August 13, 2018

[Plastics, microfibers focus of discussion at Marine Sanctuary Advisory Council meeting in Marina](https://www.santacruzsentinel.com/2018/08/18/plastics-microfibers-focus-of-discussion-at-marine-sanctuary-advisory-council-meeting-in-marina/)

<https://www.santacruzsentinel.com/2018/08/18/plastics-microfibers-focus-of-discussion-at-marine-sanctuary-advisory-council-meeting-in-marina/>
Santa Cruz Sentinel – August 18, 2018

[California divers fight to turn the tide on a collapsing ecosystem](http://www.kalw.org/post/california-divers-fight-turn-tide-collapsing-ecosystem#stream/0)

<http://www.kalw.org/post/california-divers-fight-turn-tide-collapsing-ecosystem#stream/0>
KALW – August 20, 2018

[Explore tide pools, underwater robots and go fishing at Oceans Fair in San Simeon](https://www.sanluisobispo.com/news/local/community/cambrian/article217112955.html)

<https://www.sanluisobispo.com/news/local/community/cambrian/article217112955.html>
San Luis Obispo Tribune – August 21, 2018

[Environmental advocates line up against Trump administration marine policy](https://www.santacruzsentinel.com/2018/08/26/environmental-advocates-line-up-against-trump-administration-marine-policy/)

<https://www.santacruzsentinel.com/2018/08/26/environmental-advocates-line-up-against-trump-administration-marine-policy/>
Santa Cruz Sentinel – August 26, 2018

[Aquarium seeks permission to fix 950-foot ocean pipeline-and forgiveness for using plastic](http://www.montereycountyweekly.com/blogs/news_blog/aquarium-seeks-permission-to-fix--foot-ocean-pipeline-and/article_ef6a7d9c-acae-11e8-bbed-87de37f892f7.html)

http://www.montereycountyweekly.com/blogs/news_blog/aquarium-seeks-permission-to-fix--foot-ocean-pipeline-and/article_ef6a7d9c-acae-11e8-bbed-87de37f892f7.html
Monterey County Weekly – August 30, 2018

[Personal watercraft could be banned near Pillar Point](https://www.hmbreview.com/news/personal-watercraft-could-be-banned-near-pillar-point/article_7f5504d8-b144-11e8-9871-23fa93e0c0a4.html)

https://www.hmbreview.com/news/personal-watercraft-could-be-banned-near-pillar-point/article_7f5504d8-b144-11e8-9871-23fa93e0c0a4.html
Half Moon Bay Review – September 5, 2018

[Dan Haifley, Our Ocean Backyard: Saving our shores for 40 years](https://www.santacruzsentinel.com/2018/09/08/dan-haifley-our-ocean-backyard-saving-our-shores-for-40-years/)

<https://www.santacruzsentinel.com/2018/09/08/dan-haifley-our-ocean-backyard-saving-our-shores-for-40-years/>
Santa Cruz Sentinel – September 8, 2018

[California approves \\$329-million desalination project off the coast of Monterey](https://www.enr.com/blogs/12-california-views/post/45196-california-approves-329-million-desalination-project-off-the-coast-of-monterey)

<https://www.enr.com/blogs/12-california-views/post/45196-california-approves-329-million-desalination-project-off-the-coast-of-monterey>
ENR California – September 19, 2018

[Dan Haifley, Our Ocean Backyard: Marine life and pollution above an ocean mountain](https://www.santacruzsentinel.com/2018/09/22/dan-haifley-our-ocean-backyard-marine-life-and-pollution-above-an-ocean-mountain/)

<https://www.santacruzsentinel.com/2018/09/22/dan-haifley-our-ocean-backyard-marine-life-and-pollution-above-an-ocean-mountain/>
Santa Cruz Sentinel – September 22, 2018

Web Site (<https://montereybay.noaa.gov/>)

★★ Check out these updated MBNMS Advisory Council webpage links! ★★

Advisory Council Meeting Agendas & Minutes

<https://montereybay.noaa.gov/sac/sacma.html>

Advisory Council Actions and Results

<https://montereybay.noaa.gov/sac/sacact.html>

Advisory Council User Group Newsletters (seats and working groups/sub-committees)

<https://montereybay.noaa.gov/sac/advisory-nwsltr.html>

Sanctuary Tourism and Recreation Working Group

<https://montereybay.noaa.gov/sac/rec-tour.html>

Please take a few moments to peruse the site. Your feedback is greatly appreciated.

Comments and suggestions can be sent to andrew.white@noaa.gov.

Follow MBNMS on [Facebook](https://www.facebook.com/MBNMS) (<https://www.facebook.com/MBNMS>) and **[Twitter](https://twitter.com/mbnms)** (<https://twitter.com/mbnms>)

FUN, OCEAN RELATED WEB SITES

★★ NEW link! NOS Ocean Facts: Ocean Life ★★

<https://oceanservice.noaa.gov/factspage.php?siteName=oceanfacts&cat=Ocean%20Life>

Caitlin Seaview Survey

<http://www.caitlinseaviewsurvey.com>

SIMON

<https://www.sanctuariesimon.org>

Seasons in the Sea

<http://www.seasonsintthesea.com>

Thank You Ocean

<http://www.thankyouocean.org/>

Oceans Live

<http://oceanslive.gso.uri.edu/>

NOAA Ocean Explorer

<http://oceanexplorer.noaa.gov/>

Encyclopedia of the Sanctuaries

<http://www.ocean.com/Library/Encyclopedia/>

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Nick Ingram – Exhibits/Facility Specialist (SEC)
Bri Madrigal – Volunteer Coordinator (SEC)
Emily Pierce – Program Assistant (SEC)
Chelsea Prindle – SEC Manager
Carolyn Skinder – Southern Region Program Coordinator
Lisa Uttal – Education Specialist

Resource Protection

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Sophie De Beukelaer – GIS Analyst & Research Permit Coordinator
Lisa Emanuelson – Citizen Watershed Monitoring Network Coordinator
Bridget Hoover – Water Quality Protection Program Director
Scott Kathey – Regulatory/Emergency Response Coordinator (on detail to GRNMS)
Pamela Krone – Agriculture Water Quality Coordinator

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Learn More About Your Sanctuary

The Sanctuary Office Report is produced bi-monthly by Monterey Bay National Marine Sanctuary staff in conjunction with Sanctuary Advisory Council meetings. To learn more about the Sanctuary please visit our web site at: <https://www.montereybay.noaa.gov>.

To learn more about the Sanctuary Advisory Council please visit:
<https://montereybay.noaa.gov/sac/advisory.html>

The Office of National Marine Sanctuaries

Monterey Bay National Marine Sanctuary is one of 14 marine protected areas in the National Marine Sanctuary System encompassing more than 150,000 square miles of marine and Great Lakes waters from Washington State to the Florida Keys, and from Lake Huron to American Samoa. The system includes 13 national marine sanctuaries and the Papahānaumokuākea Marine National Monument. Visit the ONMS web site at:
<https://www.sanctuaries.nos.noaa.gov/>

Get involved and stay informed!

To learn how to get involved in the Sanctuary visit:
<https://montereybay.noaa.gov/getinvolved/welcome.html>

Sign up for the MBNMS listserv to receive email notices about upcoming Sanctuary events, and public meetings of the Sanctuary Advisory Council and Working Groups:
<https://montereybay.noaa.gov/intro/elists.html>

- Contact Information -

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