



Monterey Bay National Marine Sanctuary Sanctuary Office Report



Volume 5, Number 2

A REPORT FOR THE SANCTUARY ADVISORY COUNCIL MEMBERS

REPORTING PERIOD: APRIL 21, 2008 – JUNE 2, 2008

ABOUT THE SANCTUARY

Designated in 1992, the 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, the MBNMS encompasses a shoreline of 276 miles and 5,322 square nautical 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. The 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 NATIONAL MARINE SANCTUARY PROGRAM (NMSP) NEWS

California Sanctuaries & Partners Launch New Science Website

NOAA and partners in the regional science and management community launched SanctuarySimon.org, a comprehensive, user-friendly online resource featuring the latest scientific research conducted within Gulf of the Farallones, Cordell Bank and Monterey Bay national marine sanctuaries. The site makes a wealth of information about the region's marine ecosystem instantly and easily accessible to the public and decision makers. Sections of the site examine physical characteristics of the area, including geology, oceanography and water quality. The site integrates scientific research and long-term monitoring data to provide information for effective management and better understanding of sanctuary resources. Farallones staff issued a press release on the launch to

promote enrichment of and visitation to the website. Visit <http://sanctuariesimon.org>.

2008 Sanctuary Advisory Council Chairs and Coordinators Meeting in Newport News

A very successful May 2008 ONMS Sanctuary Advisory Council Chairs and Coordinators Meeting was held in Newport News, VA and hosted by the Monitor NMS. Day one included internal discussions among council coordinators and select ONMS HQ staff. Day two included a welcome from the director, State of the ONMS, Reauthorization, a Monitor NMS presentation, a National Marine Sanctuary Foundation presentation, a case study and discussion from each region, and regional breakout discussions. The day ended with an evening reception at The Monitor Center. Day three included a field trip to Colonial Williamsburg and Jamestown Island, and an evening Chairs Summit with Dan Basta. Day four included sessions on the Management Plan Review Evolution, Greening Session: Blue Seas, Green Communities, Results of Recent Program Evaluations, and an Open Discussion session.



Orcas Sighted During Sanctuary Advisory Council Cruise - 5/20/08
Image by Randy Hertz

NATIONAL MARINE SANCTUARY NEWS

Channel Islands NMS

Scripps Institute of Oceanography researchers retrieved and deployed devices designed to record sounds from ships and whales in the Channel Islands National Marine Sanctuary (CINMS) on April 16-18, 2008. Working on the Sanctuary's research vessel *Shearwater*, researchers from Dr. John Hildebrand's lab at the Scripps Institute of Oceanography recovered a High-frequency Acoustic Recording Package (HARP) at the western end of the Santa Barbara Channel and also deployed a new HARP at this same location. The equipment provides valuable acoustic information about cargo vessel traffic transiting the Santa Barbara Channel and the northeastern portion of the Sanctuary.

Cordell Bank National Marine Sanctuary

Jennifer Stock met with the chair of the Natural Sciences department and an assistant professor at Dominican University, a private university in Marin County, CA. We discussed potential education collaborations between NOAA's Cordell Bank National Marine Sanctuary and Dominican University. One effort discussed was a Centers for Ocean Sciences Education Excellence (COSEE) course "Communicating Ocean Sciences". The idea would be to introduce ocean conservation to students in the teaching credential program. Dominican has one of the top rated teacher-training programs in California and graduates are highly sought after for teaching in the classroom upon graduation.

Florida Keys NMS

ABC weatherman and television personality Sam Champion informed viewers across the country of the Florida Keys National Marine Sanctuary (FKNMS) and the state of coral reefs from a live feed from Key Largo, FL, on April 25. The morning broadcast featured video footage of healthy coral reefs contrasted with images of bleached coral. Coral bleaching occurs when corals are stressed and lose the algae with which they have a symbiotic relationship. The FKNMS supports management, research and public outreach to protect coral reefs for the future.

Flower Gardens Bank NMS

The Flower Garden Banks Spring Research cruise took place last week, but was shortened due to inclement weather. Dives were conducted at all three banks, East and West Flower Garden Bank, and Stetson Bank. Participants from TAMU (College Station, Galveston, and Corpus Christi) and University of Calgary joined the FGBNMS research team. Coral recruitment tiles were photographed, the recruitment rack maintained, sponge and coral samples were collected for bleaching studies, and general reef observations were made. Water temperature ranged from 69F (Stetson) to 73F (FGB's) and in general, visibility was low - around 30ft at Stetson Bank and 50ft at the FGB's. Seas were 2-4ft on the first day of the cruise, and deteriorated to 5-7ft on the second day, prompting an early departure.

Monitor NMS

On May 14th the *Monitor* NMS Condition Report was released to the public. The report provides a summary of resources in the sanctuary, pressures on those resources, the current condition and trends, and management responses to the pressures that threaten the integrity of the marine environment. Specifically, the report includes information on the status and trends of water quality, habitat, living resources and maritime archaeological resources and the human activities that affect them. The *Monitor* NMS Condition Report indicates the sanctuary is in good condition but cites pressures from human impacts and natural deterioration which may further degrade the condition of the wreck of the USS *Monitor*, the nation's first designated national marine sanctuary.

Papahānaumokuākea Marine National Monument

Staff from the Papahānaumokuākea Marine National Monument and scientists from NOAA Coral Reef Ecosystem Division are aboard NOAA Ship *Hi'ialakai* working on a mapping project of the Monument. They successfully tested the diver ground-truthing techniques are planning several more days of diving to accumulate more in situ data to validate multibeam backscatter data. Although no additional shallow water mapping has occurred so far on this cruise, the ship's mapping crew have been able to slightly increase the extents of multibeam coverage on the bank slopes around French Frigate Shoals. Over the remainder of the cruise the researchers hope to complete shallow water mapping and collect additional diver and towed camera ground-truth data.



MONTEREY BAY NATIONAL MARINE SANCTUARY NEWS AND PROGRAM UPDATES



MANAGEMENT

In March, the sanctuary and the Association for Monterey Bay Area Governments (AMBAG) Board members passed a joint resolution to meet twice a year with our staffs in a public meeting to discuss issues of interest. In addition, Paul Michel will meet in an annual closed session with the Board of Directors. The purpose of the resolution is to strengthen partnerships and promote information exchange between the MBNMS and local governments. April 30th kicked off the first of these meetings at Moss Landing Marine Labs Seminar Room with a group of approximately 15 folks from local cities, municipalities, and the AMBAG board. Four main topics were presented and discussed including, South Monterey Bay Sediment Management Plan, the Agricultural Water Quality Alliance, the light brown apple moth spraying and the MBNMS MPA initiative and planning. There was a lot of opportunity for Q & A and most parties seemed to agree this was a good venue for open discussions.

Superintendent Michel attended a MBARI workshop on April 24-25 in Monterey and Moss Landing. The workshop, "2008 Ocean Science Summit: Climate Change and Ocean Health", was organized to bring ocean scientists together to discuss the driving technological issues around understanding and communicating ocean climate change effects.



Humpbacks Lunge Feeding During Sanctuary Advisory Council Cruise - 5/19/07
Image by Robert Schwemmer

and discussion from each region, and regional breakout discussions. The day ended with an evening reception at The Monitor Center. Day three included a field trip to Colonial Williamsburg and Jamestown Island, and an evening Chairs Summit with Dan Basta. Day four included sessions on the Management Plan Review Evolution, Greening Session: Blue Seas, Green Communities, Results of Recent Program Evaluations, and an Open Discussion session. The meeting is held annually to bring together program expertise in advisory councils to thank our council volunteers, to educate council staff and chairs about issues, and to share information and expertise on working with our sanctuary communities and advisory councils.

On April 29, the MBNMS assisted Sarah Marquis and Matt Pickett to schedule a flight and background materials for a reporter from the Monterey Herald. The event was designed to highlight the utility of the Twin Otter aircraft for missions within the California sanctuaries, including the MBNMS. The MBNMS provided the reporter with information about Davidson Seamount in anticipation of a scheduled survey flight to the waters overlying the seamount. As a result, the reporter wrote a feature article about the aircraft that appeared on page one of the Herald the following day.

A very successful 2008 ONMS Sanctuary Advisory Council Chairs and Coordinators Meeting was held in Newport News, VA and hosted by the Monitor NMS. Participants included a council chair and council coordinator from each site, three Korean visitors, ONMS regional directors, and numerous ONMS HQ staff. Day one included internal discussions among council coordinators and select ONMS HQ staff. Day two included a welcome from the director, State of the ONMS, Reauthorization, a Monitor NMS presentation, a National Marine Sanctuary Foundation presentation, a case study

RESEARCH AND MONITORING

MBNMS and SIMoN staff attended the Association of American Geographers (AAG) annual conference in Boston, MA from April 14-19. Over 7,000 professionals attended featuring over 4,000 papers and presentations. This year included a specific series of paper presentations related to the acquisition, interpretation, and use of marine geomorphology data as a tool to help delineate marine protected areas. Sophie De Beukelaer (MBNMS GIS Analyst) and Chad King (SIMoN Research Specialist) each presented a paper relating to this series, and gained valuable insights into how other professionals have been accomplishing this task. Aside from networking, additional knowledge gained will result in more efficient dissemination of sanctuary spatial data in Google Earth and Google Map formats.

On April 15 and 16th, SIMoN staff was invited to attend and give a presentation at a workshop focused on the control of invasive marine seaweeds. Hosted by Dr. Lars Anderson (US Department of Agriculture-Agricultural Research Service, Exotic and Invasive Weed Research), the workshop was attended by regional and international scientists and resource managers from multiple Federal and state agencies, including NOAA Fisheries, US Fish and Wildlife Service, US Geological Survey and researchers from New York, Hawai'i and New Zealand. Among the outcomes of the workshop was the formation of a science team to develop a local eradication plan for the invasive Asian kelp *Undaria pinnatifida* in Monterey Harbor. The team will take advantage of the extensive data already collected by SIMoN and seek additional funds to remove all sporophytes from the harbor within a two-year period.

On May 1, SIMoN staff participated in a conference call with staff from Science Applications International Corporation (SAIC) the organization responsible for developing data management and communications (DMAC) infrastructure for CeNCOOS. As a technical provider to CeNCOOS, SIMoN provided an overview of the OceanObs and Obs Registry systems for SAIC and provided guidance on the direction of their CeNCOOS DMAC project. SAIC plans to develop their project around OceanObs and the Obs Registry to best enable integration of the new CeNCOOS data management infrastructure with the SIMoN-built systems. SIMoN is considered an authority on IOOS data management at the regional California and national level. This meeting with SAIC was significant as SIMoN has been invited to participate in the early planning of the new CeNCOOS DMAC which potentially allows for MBNMS/ONMS interests to be addressed.

SIMoN staff provided 26 images from the SIMoN Photo Library to Cengage Learning where the images were incorporated into an instructor supplemental resource for a new college Biology text, PowerLecture with JoinIn for General Biology. This DVD companion to the course textbook provides SIMoN images in various PowerPoint presentations and in the supplemental materials section. To date the SIMoN Photo Library, <http://sanctuarysimon.org/photos>, contains 2,860 high quality digital images of marine life, habitats, and issues of the central California NMS sites.

On May 21st, SIMoN staff continued to review materials created by Entertainment Technology Corporation (EnTCo) for NOAA's Wild Earth: Deep Ocean Safari product. SIMoN staff has served as subject matter experts, reviewing animated renderings of dozens of marine organisms. These renderings are now being animated, showing both movement and feeding activities, mimicking behaviors observed in the field. EnTCo is developing the next Wild Earth installment of their award-winning motion simulator ride, which will be a Deep Ocean Safari featuring Philippe Cousteau and developed in cooperation with his non-profit organization EarthEcho and NOAA. This product serves as "a relevant way to reach a whole new generation of learners. The use of cutting-edge technology, such as video gaming, to bring across a conservation message in a way that both inspires and entertains is critical to conservation education in the 21st century. EnTCo has created an exciting, interactive experience that engages people and is at the forefront of environmental education...that will make a positive difference."

The Oakland Museum hosts visitors that make up the most diverse audience in the United States. They are in the process of the first major renovation in 40 years, to update their gallery on California Natural Sciences. Andrew DeVogelaere served as one of eight science experts at the Natural Sciences Department Colloquia Series, representing ocean sciences and natural history for the state of California. Jennifer Stock of the Cordell Bank National Marine Sanctuary is also working closely with museum staff on program education and exhibit development. This is a significant collaboration (\$ 55 million project) to enhance interpretation and stewardship of the oceans to a broad audience.

RESOURCE PROTECTION

On April 15th, MBNMS staff had a meeting with Richard Casale, District Conservationist at the Capitola Local Partnership Office. The purpose of this meeting was to discuss communication and education approaches to enhance the interaction between resource protection agencies and the Latino farming community. This is part of a recent initiative to establish a more structured and permanent collaboration

between AWQA and MERITO to improve the Sanctuary's communication and collaborative work with farmers in watersheds draining to Sanctuary waters.

On April 24th Water Quality Protection Program staff held a conference call with staff of the Central Coast Long-term Environmental Assessment (CCLEAN) program to discuss monitoring 19 additional outfalls that flow to regions designated as Areas of Special Biological Significance (ASBS) during the first storm of the season. Currently, there are draft guidelines established by the State Water Resources Control Board that require local jurisdictions to monitor storm water flowing to an ASBS during one storm event, if they are part of a regional effort. In this area it includes the cities of Monterey, Pacific Grove, Carmel and Pebble Beach.

On April 29, sanctuary staff conducted an aerial survey along the Big Sur coast aboard a NOAA Twin Otter aircraft. This flight mission was a demonstration of the Sanctuary Aerial Monitoring and Spatial Analysis Program (SAMSAP), a tool to map and monitor seabirds, marine mammals, and vessel sightings. Data collected using SAMSAP can be used to examine areas of special interest using sightings coupled with physical and biological parameters.

On May 1, MBNMS staff met with NOAA Fisheries Northwest Science Center staff to further develop Atlantis, a tool for integrated ecosystem assessments. Atlantis is a spatially explicit ecosystem model designed to assess a range of stressors (e.g., climate change, destructive fishing practices, harmful algal blooms) on ecosystem components and the potential socioeconomic and biological effects of alternative management strategies (e.g., MPAs, reducing nutrient input). The meeting was focused on identifying ecosystem attributes of concerns, indicators, and specific management strategies for central California users, including the MBNMS.

On May 3, the Ninth Annual Snapshot Day Water Quality monitoring event occurred within the MBNMS. One hundred and ninety volunteers fanned out to monitor approximately 175 sites on creeks from the Marin Headlands to Morro Bay, CA. Superintendent Paul Michel addressed the volunteers in Monterey County while Assemblyman John Laird welcomed the volunteers in Santa Cruz County. For the past eight years, Snapshot Day results indicate that just over half of the streams monitored are in very good health. There are several waterbodies flowing into the sanctuary that consistently show severe signs of impairment. Thanks to the many sanctuary staff who participated as well as staff from the Farallones Marine Sanctuary Association, it was a successful event that raised awareness in the watersheds and will provide valuable water quality data.

Sanctuary staff attended a planning session of Central Coast Wetlands Working Group to design an upcoming fall symposium that will showcase wetlands and water quality science, discuss the process of achieving of environmental health goals, and build collaborative capacity in the region.

On May 22, the Resource Protection Team attended in the grand opening and ribbon cutting for the Intercontinental Hotel, known as The Clement Monterey. This was an opportunity to express interest in future collaborations between the business community and the MBNMS.

MBNMS staff met with folks from SeaDoc and CDFG to discuss potential collaborations on abandoned fishing gear removal. The CDFG Wildlife Conservation Board is currently considering a proposal for funding that will support lost fishing gear recovery work specifically in MPAs in California, with an emphasis on the new Central Coast MPA networks. One of the MBNMS *MED TAIPEI* projects focuses on abandoned fishing gear removal in Central Coast MPAs. The meeting was to starting point to discuss coordination of the work, and follow up actions were identified.

Emergency Response and Enforcement

Officer Bob Yerena recently provided an area familiarization for US Fish and Wildlife Service (USFWS) special agents regarding growing sea otter concentrations and disturbance issues in Moss Landing Harbor and Elkhorn Slough. Sea otters are protected by the USFWS under the MMPA and ESA. NOAA OLE coordinates with USFWS for protection of these animals within Sanctuary waters.

On May 1 and 3, Scott Kathey coordinated use of a NOAA twin otter aircraft to conduct cooperative enforcement patrols with California Department of Fish & Game wardens throughout the Sanctuary. The flights were very successful in detecting violations of natural resource protection laws and facilitating enforcement contacts at-sea. The NOAA flight crew performed the missions with a high degree of professionalism and motivation which was much appreciated by the wardens. Local state enforcement officials commented that the twin otter was an excellent platform for these missions, and they hope that it can be utilized again in the future. This demonstration project proved that regular use of this aircraft in the Sanctuary would be the single-most important enhancement to the MBNMS cooperative enforcement program since the assignment of a full-time OLE officer to the site.

On May 14 and May 21, Scott Kathey and Officer Bob Yerena conducted Sanctuary enforcement workshops for 40 California State Park Rangers/Lifeguards, California Fish & Game Wardens, and Coast Guard boarding officers. The workshop provided training on MBNMS regulations, Federal species protection statutes, and cooperative enforcement policies and procedures. An additional training will be held for partner agencies in Monterey in September. The training went well and reinforced the cooperative relationships that have been established between the MBNMS, OLE, and State enforcement partners.

On May 3, three elephant seals were found shot dead at the Piedras Blancas rookery between the ocean and Highway 1 about 12 miles north of Cambria. NOAA Special Agent Roy Torres determined that the seals were within the mean high tide area, resulting in a violation of the NMSA. The shooting took place sometime between late afternoon on Friday and Saturday morning, when docents with Friends of the Elephant Seal discovered the crime and reported it to officials. The dead mammals were on the northern end of the popular viewing area, in the section of the rookery nicknamed "North Beach." NOAA OLE is investigating.

On May 15, a 23-ft fiberglass Bayliner boat ran aground 1 mile south of Moss Landing Harbor with 50 gallons of gasoline aboard. There was one person aboard and no injuries. NOAA OLE Officer Bob Yerena responded to the scene with State Parks Rangers. The vessel was insured and a vessel tow service pulled the boat off of a sand bar without incident that afternoon. There was no observed discharge or damage to Sanctuary resources.

On June 1, a 27-ft sailboat ran aground at Point Ano Nuevo with 15 gallons of gasoline aboard. There were two people aboard and no injuries. No spills were reported. State Park rangers responded. The boat owner contracted a salvor who pulled the vessel to sea and towed it to Santa Cruz for repairs to the hull and keel.

EDUCATION, VOLUNTEER AND OUTREACH PROGRAMS

The Monterey Bay National Marine Sanctuary has released its 2007 annual report. The eight-page report includes an in-depth summary of program accomplishments for resource protection, education and outreach, research and monitoring, and program operations. In celebration of the MBNMS 15-year anniversary, the report also includes list of MBNMS program milestones from 1992-2007. The report will be available on the MBNMS website shortly.

The MBNMS Education & Outreach Team has been awarded a 2008 California State Parks Director's Award for outstanding partnership. The team was awarded the State Parks' Dewitt Award for the numerous collaborative education and outreach projects and programs they have implemented with State Parks over the past ten years. The Education Team works closely with the Santa Cruz, Monterey and San Luis Obispo Coast Districts of CA State Parks on a regular basis. This long-term partnership has enabled both agencies to do much more with shared resources that either could do individually. Two interpretive facilities, numerous signage projects, joint programming and co-location of staff are just some of the partnership highlights. The Education Team has been invited to attend the recognition award ceremony in Sacramento, scheduled for Tuesday May 20 at 1pm, followed by a reception. This award is a quite an honor for the MBNMS Education Team, as the nominees are submitted by districts all across the State.

A Request for Proposals (RFP) has been released for the design and development of a "History of San Simeon Bay" exhibit at the Coastal Discovery Center at San Simeon Bay. The exhibit will highlight over four hundred years of history, including Native Americans, shore whaling, shipwrecks and wildlife.

MBNMS education staff took part in judging the 2nd Annual Neptune's Guardian Film Festival at Gilroy High School. Thirty students in teams and individually created video documentaries on ocean threats. Topics included marine debris, non-point source pollution, global warming, fisheries by-catch, and invasive species. Students were asked to communicate their topic, as well as share what kind of solutions or personal actions one can take to help prevent these threats. Some of these films will be presented at the San Francisco Film Festival.

On May 19, Monterey Bay National Marine Sanctuary Staff hosted two delegates from the Korean Marine Protected Areas Expert Group. Dr. Byoung Seol KOH, National Fisheries Research and Development Institute and Mr. Kijung LEE, Department of Travel Promotion, Suncheon City, Korea were escorted by Lynne Mersfelder-Lewis, NOAA International Programs Office. The goal of the visit was to highlight Sanctuary Advisory Councils. The MBNMS staff invited our guests to the Sanctuary's Education Working Group meeting and a visit to the Monterey Bay Aquarium. Working group operations and making community connections were the specific highlights. The West Coast Regional Office coordinated all other activities for the Monterey visit including a morning on the *R/V Fulmar*.

Artist George H. Cooper donated a framed print depicting the 1941 Japanese attack on the oil tanker Montebello off the coast of Cambria, to augment the shipwreck exhibit in the Coastal Discovery Center at San Simeon Bay. Mr. Cooper is a highly regarded maritime artist, with original oil paintings valued at \$7,000 to \$14,000. The framed print is valued at approximately \$500. The print is on display at the Coastal Discovery Center at San Simeon Bay.

Staff from the Monterey Bay National Marine Sanctuary are visiting select congressional offices during Capitol Hill Oceans Week, to highlight the growing need for ocean literacy programming tailored to specific constituent groups. These visits were arranged through the West Coast Regional Office to highlight the Multicultural Education for Resources Issues Threatening Ocean's (MERITO) program at the Monterey Bay and Channel Islands National Marine Sanctuaries.

During the month of May 2008, Multicultural Education for Resource Issues reached 67 students in existing MERITO Academy After-school Programs. MERITO has introduced 400 students to its MERITO Academy program during the 2007-2008 academic year. This sanctuary and BWET-funded program provides hands-on, inquiry based watershed and ocean science experiences for 5th to 8th grade students who are predominately English language learners. Activities included tidepool and mudflat explorations as well as graduation ceremonies for 2 sites.

On June 3, Monterey Bay Sanctuary staff attended the grand opening of the new Año Nuevo State Reserve visitor center. The reserve, managed by California State Parks, is one of two major land based colonies of the Northern Elephant Seal and sees over a hundred thousand visitors each year. The MBNMS and State Parks work cooperatively on programs, general outreach and enforcement along the entire sanctuary coastline. This new venue will greatly enhance visitor exposure to the resources along the coast.

On June 2-5th, Monterey Bay NMS Volunteer of the Year, Phil Adams (2nd from left) participated in Capital Hill Oceans Week in Washington DC. Phil and his wife Carole, attended an awards luncheon and dinner and a joined a number of briefing for Congressional members, such as this town hall meeting with Senator Barbara Boxer.



SIGNIFICANT NEWS COVERAGE

4/15/08 – San Francisco Chronicle, “State regulators bans salmon fishing along California coast”

4/18/08 – Newport News Times, “Federal agency dismisses county's wave energy application”

4/20/08 – San Luis Obispo Tribune, “Classes for people interested in volunteering at the Coastal Discovery Center at San Simeon Bay start Wednesday.”

4/24/08 – Fort Bragg Advocate News, “Feds pick Fort Bragg for test of wave energy lease,” By Frank Hartzell

4/24/08 – The Mercury News, “Fishing ban in protected areas possible”, By Denis Cuff

4/24/08 – Fog City Journal, “Schwarzenegger announces postponement of Light Brown Apple Moth spraying”

5/2/08 - Coastal Post, “Unprecedented Online Collection of Scientific Research From Northern California Marine Sanctuaries”

5/2/08 – San Francisco Chronicle, “Federal agency declares West Coast salmon fishery a disaster”

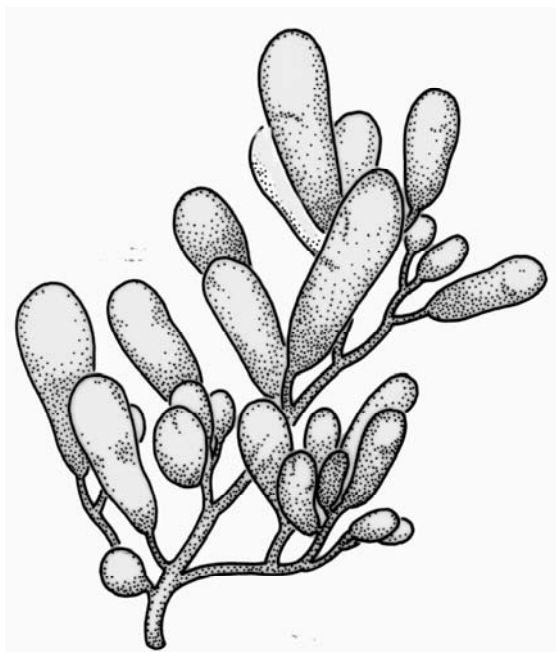
5/4/08 – Los Angeles Times, “3 seals found shot dead near San Simeon”

5/6/08 – San Jose Mercury News, “Shock over seal killings”, By Julia Prodis Sulek

5/9/08 – Monterey County Herald, “P.G. bans polystyrene containers; One-time-use containers, utensils targeted”, By Kevin Howe, Herald Staff Writer

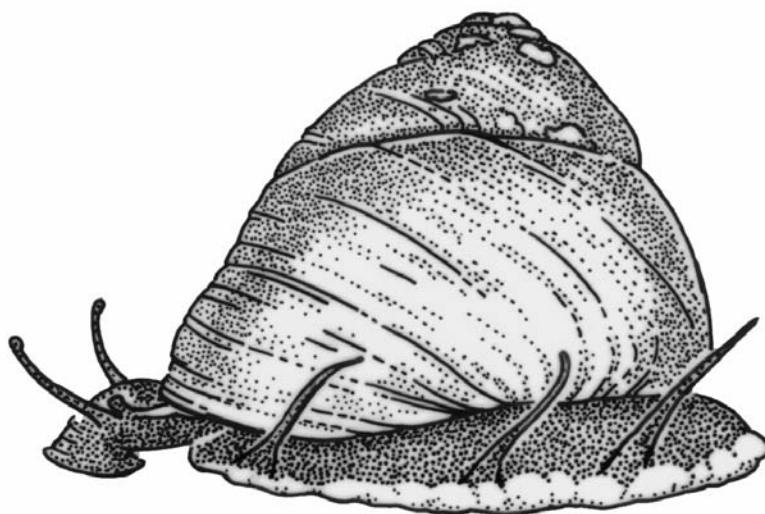
5/09/08 – San Francisco Chronicle, “Regulators vote to ban almost all sport salmon fishing”

5/19/08 – San Luis Obispo Tribune, “Elephant seal colony posing increasingly hefty challenges” by David Sneed



UPCOMING SANCTUARY EVENTS CALENDAR

| | |
|---------------|--|
| <i>11-Jul</i> | Research Activity Panel (RAP) Meeting, USGS, Santa Cruz. Contact Andrew DeVogelaere at (831) 647-4213 |
| <i>19-Jul</i> | Coastal Discovery Center Fair, William Randolph Hearst Memorial State Beach. Contact Michele Roest at (805) 927-2145 |
| <i>15-Aug</i> | Sanctuary Advisory Council Meeting, Watsonville. Contact Nicole Capps at (831) 647-4206 |
| <i>12-Sep</i> | Research Activity Panel (RAP) Meeting, CDFG, Monterey. Contact Andrew DeVogelaere at (831) 647-4213 |
| <i>13-Sep</i> | First Flush Training for Half Moon Bay. Contact Anna Holden-Martz at (831) 647-4227. |
| <i>16-Sep</i> | First Flush Training for Santa Cruz & Capitola. Contact Anna Holden-Martz at (831) 647-4227. |
| <i>18-Sep</i> | First Flush Training for Monterey County. Contact Anna Holden-Martz at (831) 647-4227. |
| <i>20-Sep</i> | Dry run sampling event. Contact Anna Holden-Martz at (831) 647-4227. |
| <i>17-Oct</i> | Sanctuary Advisory Council Meeting, Cambria. Contact Nicole Capps at (831) 647-4206 |
| <i>14-Nov</i> | Research Activity Panel (RAP) Meeting, Moss Landing Marine Labs. Contact Andrew DeVogelaere at (831) 647-4213 |
| <i>19-Dec</i> | Sanctuary Advisory Council Meeting, Monterey. Contact Nicole Capps at (831) 647-4206 |



WEB SITE (<http://montereybay.noaa.gov/>)

Recent Updates

Visit the web pages listed below to see recently updated sections of the MBNMS web site.

- MBNMS Decision Rationale regarding the need for MPAs in the sanctuary
http://www.montereybay.noaa.gov/resourcepro/resmanissues/mpa/041508mpa_rationale.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.*

FUN, OCEAN RELATED WEB SITES

Encyclopedia of the Sanctuaries

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

Oceans Live

<http://www.oceanslive.org/portal/>

SIMON

www.mbnms-simon.org

National Marine Sanctuary Program

<http://www.sanctuaries.nos.noaa.gov/>

NOAA National Centers for Coastal Ocean Science

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

National Estuarine Research Reserve System

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

NOAA Ocean Explorer

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

National Data Buoy Center

<http://www.ndbc.noaa.gov/rmd.shtml>

National Ocean Service

<http://www.nos.noaa.gov/>

National Oceanic & Atmospheric Administration

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

Thank You Ocean

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

Learn More About Your Sanctuary

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

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

The National Marine Sanctuary Program

The Monterey Bay National Marine Sanctuary is one of 14 marine protected areas in the National Marine Sanctuary System that encompass 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 Northwestern Hawaiian Islands Marine National Monument. Visit the NMSP web site at: <http://www.sanctuaries.nos.noaa.gov/>

Get involved and stay informed!

To learn how to get involved in the Sanctuary visit:
<http://montereybay.noaa.gov/educate/internship.html>

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



MBNMS Staff

Paul Michel – Superintendent
Karen Grimmer – Deputy Superintendent
Andrew DeVogelaere – Research Coordinator
Erica Burton – Research Assistant
Jennifer Brown – Research Associate
Steve Lonhart – SIMoN Scientist
Jean de Marignac – Field Scientist
Chad King – SIMoN Data Analyst
Josh Pederson – SIMoN Outreach Specialist
Gary Conley – SIMoN Water Quality Analyst
Dawn Hayes – Education & Outreach Coordinator
Liz Love – Education Specialist
Lisa Emanuelson – Resource Issue Ed Specialist
Sonya Padron – Bilingual Education Specialist
Michele Roest – Education & Outreach Specialist, San Simeon Office
Lisa Uttal – Education and Outreach Specialist
Scott Kathey – Regulatory Coordinator
Deirdre Hall – Permit Coordinator
Brad Damitz – Environmental Policy Specialist
Lisa Lurie – Agriculture Water Quality Coordinator
Bridget Hoover – WQ Protection Program Director
Anna Holden – Water Quality Network Coordinator
Lisa de Marignac – Environmental Policy Specialist
Lisa Wooninck – Resource Protection Specialist
Raymond Chisolm – Program Specialist
Nicole Capps – Advisory Council Coordinator
Christian Walters – Administrative Assistant
Andrew White – Network Manager
Sophie De Beukelaer – GIS Analyst
David Minard – R/V Fulmar Captain
Hans Burning – R/V Fulmar Operator
Erik Larson – R/V Fulmar Operator
Jaime Wasser – Marine Ops Coordinator/NOAA Corps
Hugo Selbie – Sea Grant Fellow

- Contact Information -

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