



**NATIONAL
CONSERVATION
LANDS**

Discover the Coast

California Coastal National Monument
Point Arena-Stornetta Unit

**Saturday
June 9
2018
@ Point Arena-Stornetta**



Photo by Michael Beattie

BLM/CA/GI-2018/012+8300

Partners

FRIENDS OF POINT ARENA-STORNETTA LANDS

Committed to the protection and preservation of the Point Arena-Stornetta Unit of the California Coastal National Monument



Discovery Trail 10am–2pm

see Event Map on reverse side

Docent stations, guided walks, plant identification stakes, and the Mendocino College Coastal Field Station Open House are located along the Discovery Trail, 3.5 miles of coastal trail between City Hall and Lighthouse Road and connected by a free Shuttle Service.

Beach Watch & MPA Watch

Spot coastal wildlife such as nesting coastal seabirds, harbor seals, California and Steller sea lions and whales. Observe survey activities. Docents are staff and volunteers involved with the Greater Farallones National Marine Sanctuary Beach Watch Monitoring Program and Marine Protected Area Watch. For 25 years, the Beach Watch sanctuary monitoring project has engaged local citizens to survey beaches for live and dead wildlife and coastal human uses.

Test Water Quality with The Stream Team

...and learn about the local creeks. Docent Biologist Timmarie Hamill is the director of California Urban Streams Alliance-The Stream Team that aims to increase public awareness of non-point source pollution and water quality issues, while engaging people in monthly citizen science water quality monitoring, and Clean Water Science Ambassador Programs in schools.

Seabirds

Observe coastal birds; possibly Pelagic Cormorant and Western Gull chicks. Docent Doug Forsell is a retired U.S. Fish and Wildlife Service seabird biologist with 45 years of experience studying seabirds throughout North America and the Pacific Ocean. Doug currently conducts monthly bird, mammal, and marine debris surveys on nine local beaches and monitors nesting cormorants.

Geology

Learn about sinkholes and sea caves on guided hikes starting at the Mendocino College Coastal Field Station at 11am and 1pm. Docent Tom Cochrane is a California licensed professional geologist who has been studying and exploring the Sonoma and Mendocino coast for over 40 years and recently authored the book, *Shaping the Sonoma-Mendocino Coast*.

Ghosts of the Past

Step back in time and see historic Arena Cove. Steve Oliff, local historian, author, musician and cartoonist, shares stories, pictures and information about Arena Cove's colorful past. He is joined by BLM Archeologist Chris Lloyd.

Botany Walks

Docents Jon Thompson and Julia Larke will be leading hikes starting at Bend-in-the-Road at 10am (meeting with the 11am Geology Walk) and City Hall at 11am (meeting with the 1pm Geology Walk). Jon is a professional botanist with over twenty years of experience. Julia is a retired rare plant botanist and currently is the Mendocino County Librarian at Coast Community Library.

The Point Arena Obelisk

See how the obelisk and basic math helped to determine the location of this place 145 years ago (100 years before GPS!), and was used to help measure the width of the United States, and movement along the San Andreas fault zone. Docent Bill Clement is retired from a career of doing engineering, surveying, and Geographic Information Systems (GIS) work.

Mendocino College Coastal Field Station

Open House. Spot and learn more about whales, seals, and survey techniques with Mendocino Whale and Seal Study and also view plankton and other marine organisms through the microscope. Speak with college faculty to learn more about some of the research being conducted at the field station as well as programs and courses at Mendocino College. See map on reverse side for more details.

Food Booth: Lemonade and homemade snacks

Point Arena Lighthouse

45500 Lighthouse Road Hours: 10am–4pm
PointArenaLighthouse.com (877) 725-4448, ext. 1

Free Admission to Grounds & Museum. Discounted \$5 Tower Tours. Explore the Point at Your Own Pace.

Visit Guide Stations at the Fog Signal Building:

On Shore Stars: Wildflowers & Native Plants

Learn about the plants you will see on the lands. Members of the Dorothy King Young Chapter of the California Native Plant Society informational table.

What's Happening to our Coast as the Ocean Rises

The effects on Pomo cultural sites. Information table with Patricia Mikkelsen and Greg White, Archeologists with Far Western Anthropological Research Group, Inc.

Guided Interpretive Walks from the Fog Signal Building:

Wildflowers & Native Plants

Native plant interpretive walks at 10:30am, Noon, 1:30pm and 3pm led by members of the California Native Plant Society.

Pomo History & Culture

Isaac Rios, member of the Manchester Band of the Pomo, leads Pomo cultural & history on the lands walks at 10:30am and noon.

Food Booths:

Lightkeepers strawberry shortcake & brownies (homemade with real ingredients!) Rich and creamy clam chowder.

Discovery at City Hall



Food Booth: 9:30am to 3pm

Arena Market & Coop—sandwiches, cookies and beverages.

Information Tables: 10am–2pm

National Marine Sanctuaries Tabletop Exhibit—Come discover your local national marine sanctuaries Cordell Bank and Greater Farallones with NOAA Media and Outreach Specialist Mary Jane Schramm.

California Native Plant Society, Dorothy King Young Chapter—See samples and identifications of local wildflowers and native plants. Learn from informative brochures.

Coastal Stewardship Task Force of Sea Ranch and Madrone Audubon—Learn about our local seabirds and monitoring projects.

California Department of Fish and Wildlife, Marine Region—Information about Marine Protected Areas and more. Staffed by Research Writer Mary Patyten, and Scientific Aid Leslie Kaashiwada.

Friends of Point Arena-Stornetta Lands—Get involved! You can help to protect, support and appreciate the Point Arena-Stornetta Unit of the California Coastal National Monument.

Students Protecting the Coast—ACORN's environmental stewardship program engages youth in outdoor activities and hands-on field studies that build a connection to and understanding of the coastal environment. The Point Arena-Stornetta Lands serve as an important field site for Students Protecting the Coast projects.

Four-Eyed Frog Books—An independent community-owned bookstore offers all the newest titles for readers of any age, as well as great gift ideas, puzzles, games, free coffee and so much more! www.foureyedfrog.com.

Action Network Family Resource Centers—For kids of all ages—several hands-on activities taken from their Coastal Connections Summer Camp program and a display of local shells.

Coastwalk/California Coastal Trail Association—Learn about the history, significance, and how to experience the California Coastal Trail. When completed, the trail will run from Oregon to Mexico providing coastal access along the entire California Coast.

Bureau of Land Management, Ukiah Field Office, (707) 468-4000



Event Map

Point Arena-Stornetta Unit
California Coastal National Monument

P Parking
Point Arena Lighthouse and
at City Hall

Hours
Shuttle Bus: 9:30am to 4pm
Lighthouse: 10am to 4pm
City Hall, Field Station & Discovery Trail:
10am to 2pm

Point
Arena
Lighthouse



Point Arena Lighthouse

- Free Museum Admission
- \$5 Tower Tours
- Gift Store & Food Booths
- Informational Stations featuring:
 - Wildflowers & Native Plants
 - Effects of Ocean Rise
- Guided Walks:
 - Wildflowers & Native Plants
 - Pomo Culture & History

Lighthouse
Shuttle Bus Stop



Discover the Coast, June 9, 2018

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To Mendocino 33 miles
Fort Bragg 45 miles



P A C I F I C
O C E A N

Discovery Trail
North Entrance &
Welcome Table
Start 10am Botany Walk



Bend in the Road
Shuttle Bus Stop



Start 10am Botany Walk

Beach Watch
& MPA Watch

Lighthouse Road

Miner Hole Road

Mendocino College Coastal Field Station

- Mendonoma Whale and Seal Study
- Microscope and marine invertebrate demos
- Open house with college faculty
- CODAR ocean sensor info/demo
- Plate Boundary Observatory info
- Food Booth

Stream Team
Start Geology Walks
11am & 1pm



Field Station
Shuttle Bus Stop



Discovery Trail

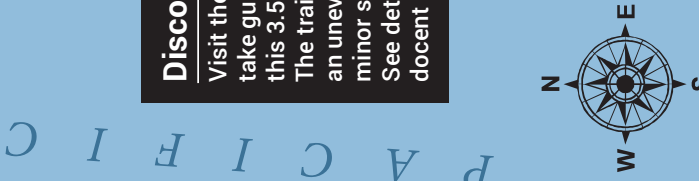
Visit the docent stations & take guided walks along this 3.5-mile coastal trail. The trail is mostly level with an uneven surface and two minor stream crossings. See details about the docent stations on back.



Ghosts of the Past



City Hall
Shuttle
Bus Stop



P

Point Arena City Hall
Food Booth
Information Tables
Discovery Trail
South Entrance
Start 11am Botany Walk

Point Arena