

WHAT YOU WILL SEE

Gray Whale (*Eschrichtius robustus*) – this 40 foot giant may be spotted off-shore from late December until early March on their annual migration from Alaska to Baja, California. The most easily identified characteristic is the whale's spout. It forms a tall, vertical cloud that blows away in the wind.

Coralline red algae (*Corallina vancouveriensis*) – one of the most common seaweeds you'll see at Cabrillo, this algae forms thick tufts and dense mats over rocks in the middle and lower intertidal. It is pink to red in color and typically only a few inches tall.

Solitary Anemone (*Anthopleura xanthogrammica*) – the largest anemone you will see at Cabrillo, reaching up to 10 inches in diameter. The flower of the intertidal, this critter has green tentacles and a shell-coated body that firmly attaches to rocks or other hard substrates.

Owl Limpet (*Lottia gigantea*) – this giant limpet reaches up to 4 inches in shell length and looks like half a clam shell suctioned to a rock. The outer shell is rough and lumpy, with an irregular pattern of white, brown and black.

Black Tegula Snail (*Tegula funebris*) – found in small clusters in the upper and middle intertidal, Black Tegula are extremely common. Their shells are a deep purple-black color and are about 1-1 ½ inches tall with the apex usually worn away.

California Sea Hare (*Aplysia californica*) – this oversized slug-like creature is mostly found in the middle to lower intertidal. It is reddish to blackish in color and is 5-6 inches long. Although it can weigh up to several pounds, typically it only weighs ¼ to ¾ pounds.

Striped Shore Crab (*Pachygrapsus crassipes*) – common in the middle tide zone, these rather aggressive crabs hide in rock crevices and mussel beds. They have a square body shape the typically measures 2 inches and range in color from purple, to red, to green.

Bat Star (*Patiria miniata*) – although the most abundant starfish in the rocky intertidal, the Bat Star is still a rare and fabulous find. Five short triangular arms give this echinoderm the unmistakable appearance of a star. It ranges in color and pattern including orange, yellow, white, brown, grey, purple or any mix there of.

Plus much more!!!

WHERE TO LOOK

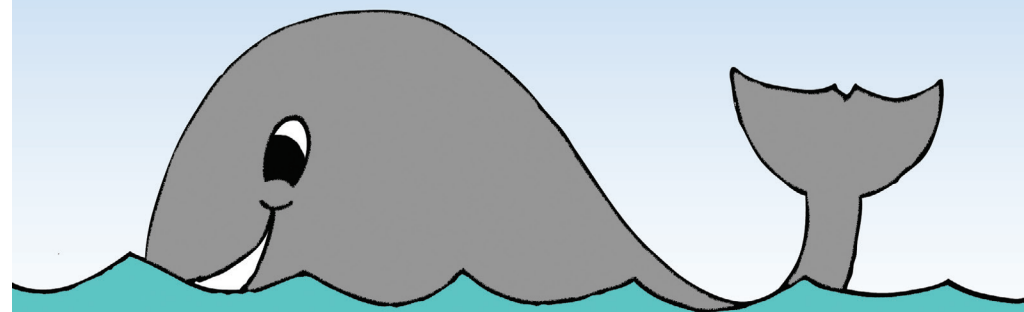
Park rangers and Volunteers-In-Parks (VIPs) will be available on the bluffs overlooking the Pacific Ocean and in the tidepool area to assist visitors in spotting and identifying whales and other intertidal life.

Funding for this event provided by the Cabrillo National Monument Foundation. Thank you for many years of supporting National Park Service interpretation, education and research at Cabrillo National Monument.

WHALE WATCH WEEKEND AND INTERTIDAL LIFE FESTIVAL



January 7th and 8th



CABRILLO NATIONAL MONUMENT

Schedule of Events

Saturday, January 7th

All Day Activities (10am- 4pm)

Exhibitors located in the breezeway near the Visitor Center.

Stop by and chat to discover what their organizations have to offer.

Free shuttle to the tidepools. Hop on the shuttle near the bus stop and take a ride down to explore the natural beauty of our protected tidepools. Last shuttle leaves at 4pm. Cars will not be allowed down the tidepool parking lot except for those with disability permits. Films will be shown continuously in the Visitor Center.

All Presentations are held in the Auditorium unless otherwise noted.

- 10:00am:** *Marine Mammal Studies* at Hubbs-Sea World Research Institute, Don Kurt, Scientist at Hubbs-Sea World Research Institute
- 11:00am:** *Whale Diversity*, a presentation by Patricia Schick, educator and science writer at SeaWorld
- 12:00pm:** *An Introduction to the Great Pacific Garbage Patch*, a presentation by Park Ranger Deborah Sherman (meet at the Whale Watch Overlook)
- 1:00pm:** *San Diego Waterfront Through the Eyes of a Child*, a presentation by Jim Bregante, docent at the Maritime Museum of San Diego
- 2:00pm:** *Tidepool Exploration* led by Dr. Benjamin Pister, Marine Biologist and Chief of Natural Resources at Cabrillo National Monument (meet at the tidepool shuttle drop off, take the shuttle down early to avoid a long wait)
- 3:00pm:** *Children's program*, reading and activity with a Rangers Amanda & Emily. Hello Ocean, Hola Mar, followed with whale origami
- 4:00pm:** *On the Edge of Land and Sea*, A film about the tidepools of Cabrillo National Monument

Special thanks to Cabrillo National Monument Foundation and participating exhibitors for making this event possible!

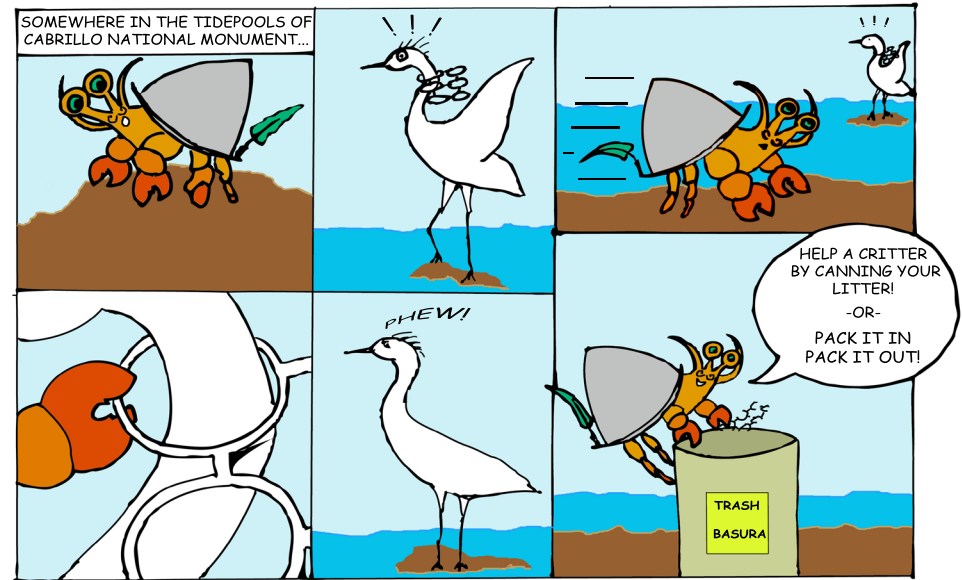


HAPPY WHALE WATCHING!



Schedule of Events

Sunday, January 8th



- 10:00am:** *Saving Inky the Whale*, a presentation by Jim Davis of the United States Coast Guard Auxiliary
- 11:00am:** Doretta Winkleman, educator with San Diego Natural History Museum
- 12:00pm:** *Gray Whales in Russia*, Dave Weller with NOAA speaks about his work with the population of endangered gray whales in Russia
- 1:00pm:** *San Diego Waterfront Through the Eyes of a Child*, a presentation by Jim Bregante, docent at the Maritime Museum of San Diego
- 2:00pm:** Children's Program, An interactive telling of the folktale, *The Raven and the Man that Sits on the Tides* with a Park Ranger
- 3:00pm:** *Tidepool Exploration* led by Rangers and volunteers at Cabrillo National Monument (meet at the tidepool shuttle drop off, take the shuttle down early to avoid a long wait)
- 4:00pm:** *Personal Interactions with Whales - Are We Loving Them too Much?* a presentation by Diane Alps, Marine Mammal Naturalist at the Cabrillo Marine Aquarium