

# Explore Tidepools With Care

Interpretative Signs: Educating beach-goers on environmentally sensitive coastal resources



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# Santa Barbara County beaches and tidepools are popular!



*Explore Tidepools With Care*



## Target audience:

### Goals:

Highlight sensitive tidepool habitats

Provide outreach and education

Reduction of impacts from human disturbance

*Explore Tidepools With Care*

North and south Santa Barbara County communities and visitors to coast and beaches



# Explore Tidepools With Care

*Tenga cuidado al explorar*

The rocky reefs that are exposed at low tide support a rich and diverse array of sea life. The plants and animals that call tidepools home are unique in that they can thrive under harsh conditions. Constantly changing water level, crashing surf and exposure to drying sunlight and air are a few of the challenges that sea life must meet in order to survive here.

## Tidepool Neighbors



Red and purple sea urchins  
*Strongylocentrotus franciscanus/purpuratus*



Surfgrass  
*Phyllospadix scouleri*



Giant keyhole limpet  
*Megathura crenulata*



## Black Abalone

*Haliotis cracherodii*

Abalone are a type of marine snail. Once abundant throughout California, populations crashed in the 1980s and '90s due to changes in ocean climate, human impacts and disease. The road to recovery depends on safeguarding the abalone's habitat such as these tidepools. Black abalone are now protected as a Federally Endangered Species. You can help them survive by adopting some of the tips on this sign.

Ochre Sea Star  
*Pisaster ochraceus*



Sunburst Anemone  
*Anthopleura sola*



Sea Mussel  
*Mytilus californianus*



Lined Shore Crab  
*Pachygrapsus crassipes*



**Step carefully** *Pise con cuidado*

Avoid crushing the animals and plants.

**Watch quietly** *Observe en silencio*

Look closely – you will see more.

**Be gentle** *Sea gentil en su contacto con animales y plantas*

Touch lightly so you don't disturb seashore life.

**Leave them**

*Deje los animales y plantas donde los encontro*

Leave the animals, plants, rocks and shells where you find them.



Scan for more information and link to free tidepool app.



Funds for this sign were made possible by the Torch/Platform Irene Trustee Council. ALL PROCEEDS GO TO THE CALIFORNIA STATE DEPARTMENT OF OCEANOGRAPHY.



Signs are 24" by 36" and are installed to be ADA compliant.

# QR code links to dedicated website

A screenshot of the California Tidepools website. The page has a blue header with the title "California Tidepools: Between Land and Sea". Below the header, there are three main sections: "Take the Survey", "FREE California Tidepools App", and "What is a Tidepool?". Each section contains text and links. At the bottom, there are two small images: one of a sunburst anemone and one of an ochre sea star with mussels and barnacles.

**California Tidepools: Between Land and Sea**

**Take the Survey**  
Please take a minute to tell us what you think of our interpretative signage! By answering a few questions, you can provide feedback that will help us assess sign content and impact. » [Click here to take the survey.](#)

**FREE California Tidepools App**  
Do you have an iPhone or iPad? Download the free California Tidepools app at the Apple store! This fun app has plenty of photos and a wealth of information about 48 of the most common plants and animals found in our tidepools. Download the California Tidepools App:  
» App for iPhone (30 MB)  
» App for Android (13 MB)

**What is a Tidepool?**  
The rocky reefs that are exposed at low tide support a rich and diverse array of sea life. The plants and animals that call tidepools home are unique in that they can thrive under harsh conditions. Constantly changing water level, crashing surf and exposure to drying sunlight and air are a few of the challenges that sea life must meet in order to survive here.  
Visit these web sites to learn more about the plants and animals that live in California tidepools:  
» [LIMPETS Monitoring Website](#)  
» [Marine Science](#)  
» [SeaNet \(Stanford University\)](#)

  
*Sunburst anemone*

  
*Ochre sea star, mussels and goose-neck barnacles*

Additional Links:

Sign survey -  
evaluation tool

Free Tidepool  
App for Apple  
and Android

Resource  
agencies  
and more!

## *Explore Tidepools With Care*

Signs already fabricated and installed using TORCH funds:



Cost for fabrication of two new copies of our successful *Explore Tidepools With Care* interpretative sign? \$2500.

Providing beach-goers with well-designed, useful information for protecting sensitive coastal resources? *Priceless!*



*Explore Tidepools With Care*



*Thank You!*