

Mattole Canyon State Marine Reserve

Northern California Marine Protected Areas (MPAs), *Implemented December 2012*



Strawberry anemones
(*Corynactis californica*)
Photo by M. Winscher



Female cabezon with eggs
(*Scorpaenichthys marmoratus*)
Photo by M. Winscher



Flat abalone
(*Haliotis walallensis*)
Photo by R. Alvarez



Red abalone
(*Haliotis rufescens*)
Photo by CDFW

Site Overview

Photos are representative of the North Coast Region and may not be within this MPA.

What is an MPA?

MPAs are a type of [marine managed area](#) (MMA) where marine or estuarine waters are set aside primarily to protect or conserve marine life and associated habitats. California has a coastal network of 124 protected areas designed to help increase the coherence and effectiveness of protecting the state's marine life, habitats, and ecosystems. The network includes three types of MPA: [state marine reserve](#) (SMR), [state marine conservation area](#) (SMCA), and [state marine park](#) (SMP); one MMA: [state marine recreational management area](#) (SMRMA); and [special closures](#). There are 119 MPAs, 5 MMAs and 15 special closures, each with unique boundaries and regulations in the network. Non-consumptive activities, restoration, and permitted scientific research are allowed.

What is an SMR?

An **SMR** is a type of MPA that protects resources by prohibiting the recreational and/or commercial take of all marine resources. (Area restrictions are defined in [Title 14, Section 632\(a\)\(1\)\(A\)](#)).

Mattole Canyon SMR Overview

- **MPA size:** 9.79 square miles
- **Depth range:** 82 to 1646 feet
- **Along-shore span (shoreline):** 3.5 miles

Mattole Canyon SMR Key Habitats

- **Sand (all depths):** 9.19 square miles
- **Rock (all depths):** 0.57 square miles
- **Submarine Canyon (all depths):** 1.4 square miles

Where is Mattole Canyon SMR?



Boundaries and Regulations

Boundary: This area is bounded by straight lines connecting the following points in the order listed except where noted:

40° 20.000' N. lat. 124° 22.500' W. long.;
40° 20.000' N. lat. 124° 25.902' W. long.; thence southward along the three nautical mile offshore boundary to
40° 17.000' N. lat. 124° 25.869' W. long.;
40° 17.000' N. lat. 124° 22.500' W. long.; and
40° 20.000' N. lat. 124° 22.500' W. long.

All take is prohibited in the Mattole Canyon SMR.

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Why Mattole Canyon was Chosen for an SMR

MPAs were designed through a collaborative, regional public process by a cross-interest regional stakeholder group (RSG). Using scientific criteria, public input and local resource knowledge the RSG developed MPA proposals. Proposals included site specific rationale (why the site should be an MPA-*included below*), the classification (type of MPA), boundaries, and regulations. Final MPA proposals were sent to the California Fish and Game Commission (Commission) for their adoption process. Mattole Canyon SMR was adopted by the Commission in 2012.

North Coast RSG Identified Rationale for Mattole Canyon SMR:

It has a variety of diverse habitats including upwelling zones, submarine canyons, offshore reef structures, and improves study opportunities provided by marine ecosystems that are subject to minimal human impacts.

Species Likely to Benefit from the Establishment of MPAs in California

Species likely to benefit from establishing an MPA are those, whose home range, behavior, reproduction, exploitation rate or population status indicates that they may benefit from spatial management. This includes species that are directly targeted by fisheries, those which are caught incidental to fishing for the target species (bycatch) and which cannot be returned to the water with a high rate of survival, and those which may be indirectly impacted through ecological changes within MPAs.

For a list of species likely to benefit from MPAs statewide: www.dfg.ca.gov/marine/mpa/species.asp

For a list of species likely to benefit from north coast MPAs: www.dfg.ca.gov/marine/pdfs/binders_nc/b2_3.pdf

North Coast Regional Resources

California MPA Overview:

www.wildlife.ca.gov/MPAs/Network-Overview

North Coast Regional Goals and Objectives:

www.dfg.ca.gov/mlpa/pdfs/binders_nc/b1_29.pdf

California MLPA North Coast Study Region Description of MPAs:

www.dfg.ca.gov/marine/pdfs/northcoastproposals/rec_description_eca.pdf

Methods Used to Evaluate MPAs in the North Coast:

www.dfg.ca.gov/marine/pdfs/northcoastproposals/evaluationmethods.pdf

MPA Research and Monitoring Activities:

www.wildlife.ca.gov/MPAs/Research-And-Monitoring

Regional MPA Statistics:

www.wildlife.ca.gov/MPAs/Statistics

Regional Planning History:

www.wildlife.ca.gov/Conservation/Marine/MPAs/Planning-Process

California MPA Network Resources

Detailed MPA guidebooks maps and brochures:

www.wildlife.ca.gov/MPAs/Network

California Marine Life Protection Act Marine Protected Areas Master Plan:

www.wildlife.ca.gov/Conservation/Marine/MPAs/Master-Plan

Marine Life Protection Act Summary and Network Goals:

www.wildlife.ca.gov/MPAs/Network-Goals



For more Information, visit:

www.wildlife.ca.gov/MPAs

Email:

AskMPA@wildlife.ca.gov

MPA Mobile:



Report poaching and polluting,

Call CalTIP

1-888-334-2258

The information in this document does not replace the official regulatory language found in the California Code of Regulations Title 14, Section 632 www.wildlife.ca.gov/Conservation/Marine/MPAs/Network/Title-14-Section-632