

Coal Oil Point Reserve Nature Center

Environmental Research, Education
& Community Outreach



Nature Center: Serve Santa Barbara Community

- Hub for learning about environmental sciences & issues
- Exposure to local natural habitats & native species



New Facilities will include:

- Large meeting/lecture room
- Discovery room with displays for the public
- Library & collections of local plants & animals
- Offices for staff, researchers and collaborators
- Laboratory & conference room



Education & Research



Kelp Forests

The amber patches you see floating on the surface of the ocean are the terminal blades of giant kelp.

Giant kelp grows along coastlines that have an upwelling of cool, nutrient-rich waters. Over 750 organisms are found in kelp forests.

Giant kelp attaches to rocks with a holdfast. The stalk or stipe attaches to the blades, the major site of photosynthetic activity. Sporophyll, a type of blade, releases spores that eventually develop into male and female plants. Air-filled floats or pneumatocysts, attached to each frond, keep the plant upright in the water.

The canopy of the kelp forest is crowded with juvenile fish and invertebrate larvae, providing food for seabirds and fish.



Population explosions of sea urchins can decimate a kelp forest. Fortunately, Sea Otters eat urchins, helping to keep urchin populations in check. Sea Otters are a federally protected species.



Gopher Rockfish



Fish-Eating Anemone



A Harbor Seal in the kelp forest.

A free booklet containing additional information is available on contacting additional information: September #1 of 10

COASTAL FUND
C/O JANA BARBATA

Seagrasses
Waterfalls

Community Outreach



Oil on Beach at Coal Oil Point Reserve - May 2015



	CREF Requested	Applicant COPR	UCSB Campus	Other Grants	USFWS	Total Cost
Building Renovation	\$100,000	\$145,000	\$200,000	\$805,000		\$1,250,000
Exhibits					\$61,000	\$60,000
Landscaping		\$40,000	\$83,224			\$123,224
Funding Source Totals	\$100,000	\$185,000	\$283,224	\$805,000	\$61,000	\$1,434,224

