

**California Marine Life Protection Act Initiative
Central Coast Project
Staff Summary of Area and Habitats in Package 1 (February 9, 2006 version)
Revised March 29, 2006 (format only)**

Overall Summary for Package 1 (2/9/06 version)

Type of MPA Proposed ¹	# Proposed	Area (mi ²)	% of Study Region
State Marine Conservation Area (SMCA)	7	107.37 mi ²	9.34%
State Marine Park (SMP)	1	4.41 mi ²	0.38%
State Marine Reserve (SMR)²	21	59.56 mi ²	5.18%
All MPAs combined	29	171.33 mi ²	14.90%

¹Note: These are proposed MPA designations, NOT levels of protection assigned by the MLPA Master Plan Science Advisory Team.

²The proposed Morro Bay South State Marine Recreational Management Area was included with the SMRs for the analysis.

Individual MPAs in Package 1 (2/9/06 version)

MPA Name ^A	Size (mi ²)	Along-shore Span (mi) ^B	Depth Range (ft)
Año Nuevo SMR	0.53 mi ²	4.7 mi	0-7 ft
Greyhound Rock SMCA (**)	10.93 mi ²	2.9 mi	0-209 ft
Greyhound Rock SMR (2nd analysis as **)	3.64 mi ²	4.0 mi	0-138 ft
Elkhorn Slough SMR	1.59 mi ²	7.0 mi	0-10 ft
Moro Cojo Estuary SMR	0.74 mi ²	7.6 mi	0-10 ft
Monterey Submarine Canyon No Bottom Contact SMCA (***)	16.93 mi ²	6.5 mi	496-4838 ft
Ed Ricketts SMCA (*)	0.15 mi ²	0.7 mi	3-56 ft
Hopkins SMR	0.31 mi ²	1.0 mi	3-71 ft
Pacific Grove – Monterey SMCA (*)	3.67 mi ²	3.3 mi	0-237 ft
Carmel Pinnacles SMR	0.47 mi ²	0.9 mi	69-223 ft
Carmel Bay SMCA (*)	2.10 mi ²	3.1 mi	3-471 ft
Pt. Lobos SMCA (**)	11.81 mi ²	5.6 mi	228-1858 ft
Point Lobos SMR	3.67 mi ²	4.0 mi	0-404 ft
Point Sur Deep Reef SMCA (***)	10.25 mi ²	7.9 mi	162-359 ft
Julia Pfeiffer Burns SMR	6.14 mi ²	5.1 mi	3-498 ft
Julia Pfeiffer Burns Offshore SMCA (**)	6.18 mi ²	2.6 mi	206-1975 ft
Julia Pfeiffer Burns Offshore SMR	7.13 mi ²	2.6 mi	226-2227 ft
Big Creek SMR	2.26 mi ²	2.4 mi	0-264 ft
Alder Creek SMR	6.51 mi ²	5.4 mi	0-192 ft
Alder Creek SMCA (***)	13.23 mi ²	5.4 mi	131-1316 ft
Point Piedras Blancas SMR	0.72 mi ²	3.3 mi	0-55 ft
Cambria SMP (^)	4.41 mi ²	4.7 mi	0-102 ft
Morro Bay Harbor SMCA (*)	2.64 mi ²	7.0 mi	0-22 ft
Morro Bay South State Marine Recreational Management Area (***)	0.66 mi ²	3.4 mi	0-10 ft
Point Buchon SMR	1.36 mi ²	1.6 mi	3-139 ft
Point Buchon SMCA (***)	9.72 mi ²	3.5 mi	141-377 ft

Individual MPAs in Package 1 (2/9/06 version) - continued

MPA Name ^A	Size (mi ²)	Along-shore Span (mi) ^B	Depth Range (ft)
Diablo Canyon Security Zone SMCA (***)	3.16 mi ²	2.3 mi	0-174 ft
Vandenberg SMR	23.83 mi ²	13.3 mi	0-98 ft
Vandenberg Danger Zone 4 SMCA (**)	16.60 mi ²	8.6 mi	95-235 ft

A. Listed north to south. Symbols following proposed MPA name indicate level of protection as determined by the MLPA Master Plan Science Advisory Team (SAT). (***) indicates SMCA High, (**) indicates SMCA Moderate, (*) indicates SMCA Low, and (^) indicates SMP Low. Level of protection was used in the SAT evaluation.

B. Alongshore span measured as direct line from one end of the MPA to the other.

Habitat Representation in Package 1 (2/9/06 version)

Habitat	Percentage of Mapped Habitat in Proposed MPA Designations in the Study Region ¹			
	SMCA	SMP	SMR	Total MPAs
Intertidal				
Sandy or gravel beaches	5.61%	1.57%	14.33%	21.51%
Rocky intertidal and cliff	5.87%	1.41%	22.27%	29.56%
Coastal marsh	12.84%	1.04%	54.28%	68.16%
Tidal flats	23.26%	0.64%	58.61%	82.51%
Seagrass beds (0-30m): Surfgrass	5.33%	2.16%	25.01%	32.50%
Seagrass beds (0-30m): Eelgrass	73.62%	0.00%	25.16%	98.78%
Estuary	26.86%	0.20%	31.43%	58.49%
Soft bottom				
0-30 meters	2.53%	1.15%	10.66%	14.34%
30-100 meters	8.35%	0.03%	2.36%	10.75%
100-200 meters	17.88%	0.00%	0.81%	18.69%
>200 meters	24.50%	0.00%	5.86%	30.36%
Hard bottom				
0-30 meters	7.20%	1.55%	11.79%	20.54%
30-100 meters	9.40%	0.00%	3.20%	12.61%
100-200m	11.82%	0.00%	0.27%	12.09%
>200 meters	32.06%	0.00%	0.99%	33.05%
Kelp forest				
Average kelp ('89, '99, '02, '03)	5.84%	4.13%	14.62%	24.59%
Persistent kelp	6.92%	6.29%	26.74%	39.96%
Submarine canyon				
0-30 meters	26.55%	0.00%	8.85%	35.40%
30-100 meters	0.90%	0.00%	3.39%	4.30%
100-200 meters	3.14%	0.00%	4.46%	7.59%
>200 meters	26.04%	0.00%	4.96%	31.00%

¹ Note: These are proposed MPA designations, NOT levels of protection assigned by the MLPA Master Plan Science Advisory Team. The proposed Morro Bay South SMRMA was included with the SMRs for the analysis.