Draft List of Seabirds Likely to Benefit from the Establishment of Marine Protected Areas in California

(Updated August 2007)

Species	Shallow Depth (ft.)	Deepest Depth (ft.)	sm-mod adult home range (sm 0-5 km mod 10-20 km)	Currently mod-large take	Historically mod-large take	Low Pop. Estimate (<40% unfished)	Size structure shifted toward sm indiv	life history trait vulnerable	life stage to benefit (e.g., spawning activity, nursery area)	habitat impacted (by human activity)	Ecologically Important (keystone or habitat forming)	Comments
Seabirds (breeding)												
Brandt's Cormorant	surface	50	0	0	0	0	0	1	1	1	0	potential for forage base increase, potential human disturbance reduction
Brown Pelican	surface	10	0	0	0	1	0	1	1	1	0	potential for forage base increase, potential human disturbance reduction, downlisting under consideration
Common Murre	surface	600	0	0	0	0	0	1	1	1	0	potential for forage base increase, potential human disturbance reduction
Double-crested Cormorant	surface	50	0	0	0	0	0	1	1	1	0	potential for forage base increase, potential human disturbance reduction
Least Tern	surface	surface	0	0	0	1	0	1	1	1	0	potential for forage base increase, potential human disturbance reduction
Marbled Murrelet	surface	100	0	0	0	1	0	1	1	1	0	Significant decline in California population (Only found in northern part of central coast),potential for forage base increase, potential human disturbance reduction
Pelagic Cormorant	surface	50	0	0	0	0	0	1	1	1	0	potential for forage base increase, potential human disturbance reduction
Pigeon Guillemot	surface	100	0	0	0	0	0	1	1	1	0	potential for forage base increase, potential human disturbance reduction
Rhinoceros Auklet	surface	300	0	0	0	1	0	1	1	1	0	potential for forage base increase, potential human disturbance reduction

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Seabirds (Migrant)												
Grebe spp. (Western, Clark's)	surface	30	0	0	0	0	0	1	0	0	0	potential for forage base increase
Loon spp. (Pacific and Red-necked)	surface	50	0	0	0	0	0	1	0	0	0	potential for forage base increase
Northern Fulmar	surface	5	0	0	0	0	0	1	0	0	0	potential for forage base increase
Red-necked Phalarope	surface	surface	0	0	0	0	0	1	0	0	0	potential for forage base increase
Scoter spp. (Surf, White-winged)	surface	10	0	0	0	0	0	1	0	0	0	potential for forage base increase
Shearwater spp. (Sooty, Black-vented)	surface	30	0	0	0	0	0	1	0	0	0	potential for forage base increase