

Table 3.10. A Summary of Changes in Marine Bird Occurrence Patterns as a Response to Warm and Cold Ocean Anomalies, as Determined by Visual Comparison of Species Maps during the 1997-1998 El Niño Event & the 1999-2000 La Niña Event.

Species	Effect on Spatial Distribution		
	No Change	El Niño	La Niña
Pacific Loon	X		
Western Grebe	X		
Black-footed Albatross	X		
Laysan Albatross	X		
Northern Fulmar			More dispersed
Pink-footed Shearwater	X		
Buller's Shearwater	X		
Sooty Shearwater		To Monterey Bay	
Black-vented Shearwater		To Gulf of Farallones	
Fork-tailed Storm-Petrel	X		
Leach's Storm-Petrel	X		
Ashy Storm-Petrel		More dispersed	
Black Storm-Petrel		To Gulf of Farallones	
California Brown Pelican		More dispersed	
Brandt's Cormorant		More dispersed	
Pelagic Cormorant		More dispersed	
Red-necked Phalarope	X		
Red Phalarope	X		
Heermann's Gull			
Western Gull	X		
Glaucous-winged Gull		More confined	
Sabine's Gull	X		
California Gull		More confined	
Bonaparte's Gull		To Monterey Bay	
Black-legged Kittiwake		Confined to slope	More dispersed
Arctic Tern	X		
Caspian Tern	X		
Elegant Tern	X		
Common Murre		More dispersed	
Pigeon Guillemot		More dispersed	
Spotted Auklet		More dispersed	