

## CONTENTS

Abstract .....	1
Introduction .....	3
Methods .....	4
Sampling Plan and Coverage at Sea .....	4
Observation Protocols .....	5
Shoreline Methods and Coverage .....	5
Environmental Data .....	6
Analyses .....	7
Oceanography of the Study Area .....	8
Bathymetry .....	8
General Characteristics of Surface Waters .....	8
Upwelling .....	9
Important Mesoscale Features .....	11
Results .....	11
Seabird Numbers and Status: Species Accounts .....	11
Seabird Density and Biomass .....	47
Diversity and Species Composition .....	49
Associations Between Species .....	52
Spatial Scales of Aggregation .....	56
Seabird Habitats .....	58
Scales of Variation in Surface Temperature .....	63
Discussion .....	64
Variation in Biomass and Abundance .....	64
Community Composition and Diversity .....	66
Species Associations .....	67
Seabird Habitats and Habitat Choice .....	68
Acknowledgments .....	71
Literature Cited .....	71