Atlas of the Biodiversity of California

Table of Contents

Message from the Director	iii
Acknowledgments	iv
About the Artist	v
A Definition of Biodiversity	1
California: A Definition of Biodiversity	2
An Introduction to the Atlas	4
Working Definition of Biodiversity	4
Organization of the Atlas	4
Creation of the Maps—A Technical Description	5
About the Maps	8
Notes on Datasets	9
Notes on Scientific Names	9
A Remarkable Geography	11
Climate and Topography	12
Geology and Soils	16
Geography and Vegetation	18
Measures of Biodiversity:	
Richness, Rarity, and Endemism	21
Vegetation Types	22
Plants	24
Special Status Plants	26
Amphibians	28
Reptiles	30
Birds: Summer and Winter	32
Waterfowl	36
Mammals	38
Selected Wide-Ranging Mammals	40
Freshwater Fishes	42
Special Status Invertebrates	44

Samples of Biodiversity:	
Habitats and Species From Throughout California	47
Kelp Forests	48
Anadromous Salmonids	50
Coast Redwoods	52
Oak Woodlands	54
Riparian Habitat	56
Bay-Delta Wetlands	58
Central Valley Grassland Habitat	60
Central Valley Vernal Pools	62
Trout	64
Mojave Desert Vegetation	66
Pupfishes of the Desert	68
Pressures on Biodiversity	71
Human Population	72
Introduced Invasive Plants: Yellow Starthistle	74
Introduced Invasive Animals: Imported Red Fox	76
Introduced Invasive Animals: Chinese Mitten Crab	78
Sustaining Biodiversity	81
	00
Department of Fish and Game Lands	82
Regional Conservation Planning	84
Joint Ventures	86
CALFED Bay-Delta Program	88
Coastal Fisheries Restoration Grants	90
Glossary	93
References	93 97
About the Authors	100
Index	100
шита	102