The Atlas of Global Conservation

Contents

		ACKNOWLEDGMENTS	
		FOREWORD • A NEW VIEW OF OUR HOME Mark Tercek, The Nature Conservancy	×
W		FOREWORD • CONSERVATION CONNECTIONS Paul R. Ehrlich, Stanford University	Х
	1.	INTRODUCTION	
		WHY ECOREGIONS? Taylor Ricketts, World Wildlife Fund	
		Terrestrial Ecoregions, Realms, and Biomes	
		Freshwater Ecoregions and Basins	1
		Marine Ecoregions, Provinces, and Realms	1
		THE STORIES THAT MAPS TELL Jon Christensen, Stanford University	1
WAY.	2.	HABITATS	1
		Forests and Woodlands: Giving Trees	2
		Grasslands: Where the Buffalo Roamed	2
		Deserts and Aridlands: Hardy Life under Harsh Conditions	2
		Rivers and Wetlands: The Planet's Lifeblood	2
		Lakes: Fragile Pools of Life	3
		Caves and Karst: Troves of Subterranean Species	3
		HOPE IN HABITATS Steven J. McCormick, Gordon and Betty Moore Foundation	3
		Coasts and Shelves: The Sea's Sunlit Margins	3
		Coral Reefs: Crown Jewels of the Ocean	3
		Mangrove Forests: Bridging Land and Sea	4
		Seagrass Beds: Marine Meadows	4
		Salt Marshes: Living Filters along Our Coasts	4
		High Seas and Deep Oceans: Earth's Uncharted "Inner Space"	4
-	3.	SPECIES	4
to the re		Plants: A Vital Variety	5
		Freshwater Fish: A Diverse Cast	5
		Amphibians: Fragile Markers of the Planet's Health	5
		Reptiles: Prehistoric Survivors	5

MIGRATIONS Martin Wikelski, Max Planck Institute for Ornithology and Konstaz University, and David S. Wilcove, Princeton University	60
Birds: Everyday, Everywhere Wildlife	6
Mammals: Shared Destiny with Our Closest Kin	66
Endemic Species: In the Narrowest Niches	6
Evolutionary Distinction: Branches on the Tree of Life	70
PROMOTING LIVELIHOODS, SAVING NATURE Greg Mock, former editor, World Resources Report	7:
A WORLD OF CHANGE	7
Human Population: Outnumbering Nature	7
Consuming Nature: Running Out of Planet?	8
Climate Change: The Planetary Emergency	8
ULTIMATE AGENTS OF GLOBAL CHANGE Joel E. Cohen, Rockefeller and Columbia Universities	8
Habitat Loss on Land: Going, Going,	8
Coastal Development: Reshaping the Seashore	91
Bottom Trawling and Dredging: Scouring the Seafloor	9
Landscape Fragmentation: Going to Pieces	9
Thwarted Fish Runs: Up against a Wall	9
GLOBAL CONTAMINATION OF THE BIOSPHERE John Peterson Myers, Environmental Health Sciences	9
Freshwater Pollution: Clear but Hazardous	10
Nitrogen Pollution: Too Much of a Good Thing	10
Ruin of the Reefs: Fading Jewels, Lost Wealth	10
Into the Wild: The Cost of Expanding Human Access	10
POVERTY AND NATURE'S SERVICES M. Sanjayan, The Nature Conservancy	110
Forest Clearing: Uprooting Nature	1.13
Water Stress: Overused and Undermanaged	11-
Overfishing: Emptying the Oceans	110
Wildlife Trade: Sold into Extinction	118
ELITIDE OF FISHEDIES	10

Jackie Alder, United Nations Environment Programme, and

Daniel Pauly, University of British Columbia

Fire: Healthy Doses of Destruction





