

CONTENTS

Foreword.....	vii
Introduction.....	1
THE GREAT LAKES BASIN.....	3
Lake Michigan Watershed.....	4
Lake Huron Watershed.....	6
Lake Erie Watershed.....	8
Lake Ontario Watershed.....	10
Lake Superior Watershed.....	12
St. Marys River System.....	14
St. Clair-Detroit River System.....	15
St. Lawrence River and Seaway.....	16
ECOLOGY AND MANAGEMENT.....	18
Ecology.....	19
A Diversity of Life and Habitats.....	21
Life Zones in Fresh Water.....	22
Diversity of Fish in the Great Lakes.....	30
Great Lakes Food Webs.....	31
Webs of Life.....	35
Management.....	41
Summary.....	47
TODAY'S GREAT LAKES FISHERIES.....	48
Sport Fishing.....	49
Charter Fishing.....	55
Commercial Fishing.....	57
Tools of the Trade: Nets.....	59
Tribal and Subsistence Fishery.....	62
Hatcheries and Aquaculture.....	63
Summary.....	65

HISTORY OF THE GREAT LAKES FISHERIES.....	66
Times of Plenty: An Abundance of Fish.....	67
Population Explosion, Exploitation, and Degradation.....	70
Overfishing, Regulations, and Stocking.....	75
New Invaders, New Challenges.....	81
Environmental Problems and Recovery.....	84
Adaptive, Collaborative Ecosystem Management.....	92
Summary.....	99
FUTURE OF THE GREAT LAKES FISHERIES.....	100
Understanding and Adapting to Changes.....	102
Focus on the Fish.....	102
Native Species Restoration.....	106
Invasive Species Management.....	107
Habitat: A Necessity for Fish and People.....	111
People in the Mix.....	114
Summary.....	120
Glossary.....	122
References.....	125
Acknowledgements.....	127