TABLE OF CONTENTS (continued)

		Page Number
3.7	ALTERATION OF IMPACTED BIOTIC COMPONENTS	3-71
•	3.7.1 Effects on Algae	3-71
	3.7.2 Effects on Aquatic Macrophytes	3-75
	3.7.3 Effects on Zooplankton	3-75
	3.7.4 Effects on Aquatic Macroinvertebrates	3-76
	3.7.5 Effects on Microorganisms	3-77
	3.7.6 Effects on Amphibians	3-79
	3.7.7 Effects of Low pH on Fish	3-82
	3.7.8 Studies of Aluminum Effects on Fish	3-87
*	3.7.9 Impacts on Fisheries in Canada and the United States	3-90
	Adirondacks	3-90
	Ontario	3-93
	Quebec	3-94
	·Nova Scotia	3-96
	3.7.10 Loss of Genetically Unique Fish Stocks	3-100
	3.7.11 Mercury in Fish	3-100
	3.7.12 Summary of Impacts on Aquatic Life from Acidification	3-103
	3.7.13 Effects of Acid Precipitation on Birds and Mammals	3-103
	3.7.14 Effects on Unique Ecosystems Including Rare and Endangered Species	3-104
3.8	CONSIDERATION OF EVIDENCE FOR IRREVERSIBLE IMPACTS	3-107
	3.8.1 Depletion of Buffering Capacity	3-107
	3.8.2 Soil Cation and Nutrient Depletion	3-110
	3.8.3 Loss of Gene Pools (Unique Ecosystem Components)	3-112