LIST OF FIGURES (continued)

Figure Number		Page Number
3-46	Atlantic salmon angling data since 1936 normalized for comparison between high and low pH rivers.	3-134
3-47	Angling records for six Nova Scotia Atlantic coast rivers with mean annual pHs 5.0.	3-136
3-48	Atlantic salmon rivers of the Maritimes divided into 4 pH categories based on significance to salmon reproduction.	3-137
3-49	Distribution of alkalinity values for lakes in six regions of Ontario.	3-195
3-50	Cumulative distribution of alkalinity values for lakes in five regions of Ontario.	3-196
3-51	Nomograph to predict the pH of lakes given the sum of nonmarine calcium and magnesium concentrations (or nonmarine calcium concentration only) and the nonmarine sulphate concentrations in lake water (or the weighted- average hydrogen ion concentration in precipitation).	3–201
3-52	The model plot-pH predicted for consideration of the sum of cations and sulphate.	3-207
3-53	Cation Denudation Rate Model applied to rivers of Nova Scotia and Newfoundland.	3-209
3-54	Relation of excess sulphate and cation concentration for pH 5.3 and 5.8 for basin runoff of 30, 50 and 100 cm/yr.	3-210
4-1	Sulphur dioxide emissions in eastern North America.	4-4
4-2	Geographic distribution of monthly arithmetic means for SO ₂ .	4-5
4-3	Conceptual model of factors involved in air pollution effects (dose-response) on vegetation.	4-9
4-4	Regression of yield response vs. transformed dose for controlled exposures using field chambers.	4-13

xix