Contents

About the Authors vii
Preface ix
Acknowledgments xi

Part I: Health Maintenance

1 Principles of Health Maintenance 3
2 Epizootiology of Fish Diseases 31
3 Pathology and Disease Diagnosis 39
4 Disease Management 57

Part II: Viral Diseases

5 Catfish Viruses 95
6 Carp and Minnow Viruses 109
7 Eel Viruses 135
8 Trout and Salmon Viruses 147
9 Sturgeon Viruses 219
10 Other Viral Diseases of Fish 227

Part III: Bacterial Diseases

11 Catfish Bacterial Diseases 275
12 Carp and Minnow Bacterial Diseases 315
13 Eel Bacterial Diseases 327
14 Salmonid Bacterial Diseases 345
15 Striped Bass Bacterial Diseases 419
16 Tilapia Bacterial Diseases 445
17 Other Bacterial Diseases 465

Part IV: Appendices

Appendix I. List of Common and Scientific Names of Fishes 473
Appendix II. Table of Conversion Factors 477
Appendix III. List of Cell Lines Commonly Used for Diagnostics 479
Index 483