

Contents

- | | |
|---|----------|
| 1. Preface; Introduction to Pike and This Book | 1 |
| <i>P. Anders Nilsson and Christian Skov</i> | |

Section I

Individuals

- | | |
|--|-----------|
| 2. Finding Food and Staying Alive | 9 |
| <i>P. Anders Nilsson and Peter Eklöv</i> | |
| 3. Coping with Environments; Vegetation, Turbidity and Abiotics | 32 |
| <i>Lene Jacobsen and Jonna Engström-Öst</i> | |
| 4. Bioenergetics and Individual Growth of Pike | 62 |
| <i>John D. Armstrong</i> | |
| 5. Spatial Ecology | 83 |
| <i>Christian Skov, Martyn C. Lucas and Lene Jacobsen</i> | |

Section II

Populations and Communities

- | | |
|--|------------|
| 6. Pike Population Size and Structure: Influence of Density-Dependent and Density-Independent Factors | 123 |
| <i>Thron O. Haugen and L. Asbjørn Vøllestad</i> | |
| 7. Population Genetics of Pike | 164 |
| <i>Lovisa Wennerström, Dorte Bekkevold and Linda Laikre</i> | |
| 8. Trophic Interactions | 185 |
| <i>Anders Persson, P. Anders Nilsson and Christer Brönmark</i> | |

Section III
Management and Fisheries

9. Stocking for Pike Population Enhancement	215
<i>Nicolas Guillerault, Daniel Hühn, Julien Cucherousset, Robert Arlinghaus and Christian Skov</i>	
10. Habitat Restoration – A Sustainable Key to Management	248
<i>Olof Engstedt, Jonas Nilsson and Per Larsson</i>	
11. Pike Stocking for Lake Restoration	269
<i>Christian Skov</i>	
12. Recreational Piking - Sustainably Managing Pike in Recreational Fisheries	288
<i>Robert Arlinghaus, Josep Alós, Ben Beardmore, Ángela M. Díaz, Daniel Hühn, Fiona Johnston, Thomas Klefoth, Anna Kuparinen, Shuichi Matsumura, Thilo Pagel, Tonio Pieterek and Carsten Riepe</i>	
13. Northern Pike Commercial Fisheries, Stock Assessment and Aquaculture	337
<i>Anna Kuparinen and Hannu Lehtonen</i>	
14. The Northern Pike, A Prized Native but Disastrous Invasive	356
<i>Kristine Dunker, Adam Sepulveda, Robert Massengill and David Rutz</i>	
Index	399