

Contents

Introduction: A History of the University of Michigan Biological Station, <i>David M. Gates</i>	1
CHAPTER 1. Human History, <i>Scott Herron</i>	15
CHAPTER 2. Landforms, Physical Landscapes, and Glacial History, <i>Randall J. Schaetzl and Burton V. Barnes</i>	25
CHAPTER 3. Vegetation History and Change, 1840–2009, <i>Burton V. Barnes</i>	36
CHAPTER 4. Aquatic Ecosystems of Northern Michigan, <i>Rex Lowe, Robert Pillsbury, and Amy J. Schrank</i>	50
CHAPTER 5. Terrestrial Vascular Plants, <i>Edward G. Voss</i>	61
CHAPTER 6. The Fungi, <i>Marilynn Smith</i>	69
CHAPTER 7. Aquatic Vascular Plants, <i>C. Barre Helquist</i>	77
CHAPTER 8. Algae of Northern Michigan and the Douglas Lake Region, <i>J. Patrick Kociolek, Rex L. Lowe, and Eugene F. Stoermer</i>	85
CHAPTER 9. Lichens in Northern Michigan, <i>James P. Bennett</i>	93
CHAPTER 10. Mosses of Northern Michigan, <i>William R. Buck</i>	100
CHAPTER 11. Ornithology in Northern Michigan, <i>Francesca J. Cuthbert, Ted R. Anderson, and Mary Whitmore</i>	109
CHAPTER 12. Mammals, <i>Phil Myers and Barb Lundrigan</i>	119
CHAPTER 13. Biological Station Fishes, <i>Paul W. Webb and Amy J. Schrank</i>	132
CHAPTER 14. Reptiles and Amphibians, <i>Joel T. Heinen and Michael E. Grant</i>	143
CHAPTER 15. Insects: A Strength in Numbers, <i>Brian G. Scholtens</i>	154
CHAPTER 16. Swimmer’s Itch: Misguided Flatworms, <i>Harvey D. Blankespoor</i>	163
CHAPTER 17. Climate Changes, <i>Steven B. Bertman</i>	173
CHAPTER 18. Invasive Species, <i>Brian A. Hazlett and Allison Snow</i>	181

CHAPTER 19. Effects of Climate Change on Terrestrial Communities, <i>David Karowe</i>	188
CHAPTER 20. Aquatic Impacts, <i>Robert Pillsbury</i>	196
CHAPTER 21. The Future and the Biological Station, <i>Knut J. Nadelhoffer</i>	203
Index	207