

CONTENTS

Preface ix

Acknowledgments xv

CHAPTER 1. Background and Context, 1888–1998 1

CHAPTER 2. Detection and Identification of EAB, 1998–2002 19

CHAPTER 3. Biological Invasions, Integrated Pest Management,
and EAB Program Support 43

CHAPTER 4. Emerald Ash Borer: Biology, Ecology,
and Behavior 66

CHAPTER 5. EAB's Impact: On Communities, Individuals,
Businesses, Native Americans, and Canadians 88

CHAPTER 6. The Emerald Ash Borer Battle in Michigan
(And Beyond) 122

CHAPTER 7. From Girdled Trees to Purple Traps: Chemical Lures,
Pheromones, and Pesticides 164

CHAPTER 8. Natural Enemies: Biocontrols of EAB in Asia
and North America 191

CHAPTER 9. Ash Resistance, Environmental and Economic Costs
of EAB, Preventing Another Invasion? 220

CHAPTER 10. Conclusions: Living with EAB 245

Bibliography 263

Index 287