

CONTENTS

Preface xi

PART I. BACKGROUND

- 1 Introduction to coevolution 3
- 2 Biology of lice: overview 25
- 3 Effects of lice on hosts 42

PART II. COADAPTATION

- 4 Adaptations for resisting lice 61
- 5 Counter-adaptations of lice 85
- 6 Competition and coadaptation 106

PART III. HOSTS AS ISLANDS

- 7 Dispersal 125
- 8 Population structure 138

PART IV. CODIVERSIFICATION

- 9 Cophylogenetic dynamics 155
- 10 Comparative cophylogenetics of lice 176
- 11 Coadaptive diversification of lice 192

PART V. SYNTHESIS

- 12 Coevolution of life on hosts 209

Literature cited 225

Index 275