



## Essentials of Ecology

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Wiley-Blackwell, 2008. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Preface Acknowledgments Part I: Introduction:1. Ecology and how to do it 1.1 Introduction 1.2 Scales, diversity and rigor 1.3 Ecology in practice 2. Ecology's evolutionary backdrop 2.1 Introduction 2.2 Evolution by natural selection 2.3 Evolution within species 2.4 The ecology of speciation 2.5 Effects of climatic change on the evolution and distribution of species 2.6 Effects of continental drift on the ecology of evolution 2.7 Interpreting the results of evolution: convergents and parallels Part II: Conditions and Resources:3. Physical conditions and the availability of resources 3.1 Introduction 3.2 Environmental conditions 3.3 Plant resources 3.4 Animals and their resources 3.5 Effects of intraspecific competition for resources 3.6 Conditions, resources and the ecological niche 4. Conditions, resources and the world's communities 4.1 Introduction 4.2 Geographic patterns at large and small scales 4.3 Temporal patterns in conditions and resources 4.4 Terrestrial biomes 4.5 Aquatic environments Part III: Individuals, Populations, Communities and Ecosystems:5. Birth, death and movement 5.1 Introduction 5.2 Life cycles 5.3 Monitoring birth and death: life tables and fecundity schedules 5.4 Dispersal and migration 5.5 The impact of intraspecific competition on populations 5.6 Life history patterns...



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