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### PART I. LANDSCAPES AND REGIONS

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   - Mosaics and the patch–corridor–matrix model  
   - Spatial scale  
   - Natural process and human activity  
   - Ecology of landscapes  
   - Ecology of regions  
   - Historical development of the field  
   - Research methods  
   - Conservation, planning, and other fields  
   - Appendix: Glossary of common terms

### PART II. PATCHES

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   - Patch dynamics: origin and persistence  
   - Size effect on ecosystems  
   - Size effect on biodiversity  
   - Genetics in a patch  
   - Minimum viable populations  
   - Number of large patches  
   - Appendix A. Ecosystem/community structure and function  
   - Appendix B. Population ecology  
   - Appendix C. Equations for species richness

3. **Boundaries and edges**  
   - Types and abruptness  
   - Edge development and controls  
   - Functions of boundaries  
   - Interactions between adjacent ecosystems  
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4. **Patch shape**  
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