

Contents

Acknowledgments	vii
1. Community Ecology Lives	1
2. The Geometry of Heterogeneity	15
3. Scaling Relationships for the Consumption of Resources	32
4. Food, Resources, and Scale-Dependent Niches	56
5. Size Structure in Ecological Guilds	84
6. Heterogeneity and Patterns of Species Diversity	122
7. Biodiversity Conservation in Fractal Landscapes	148
8. Testing the Model	170
9. Perspectives, Caveats, and Conclusions	179
Appendix—Summary of Model Parameters	203
References	207
Index	227