*Spatial Capture-Recapture* provides a timely conceptual and methodological synthesis and revolutionary extension of capture-recapture methods for studying animal populations using data from live-trapping, camera trapping, DNA sampling, and related field methods. This book is a comprehensive how-to manual with detailed examples of every relevant spatial capture-recapture model. It serves as a resource for practicing field biologists who study animal populations and as a graduate-level text for students in ecology, conservation biology, and fisheries and wildlife management.

Key features:

• Comprehensive coverage of revolutionary new methods in ecology

• A detailed worked example with a code template for each methodological element along with software instructions and companion R package so you can learn by doing

• Practical approach, embracing Bayesian and classical inference strategies in order to give you different options to best get the job done