

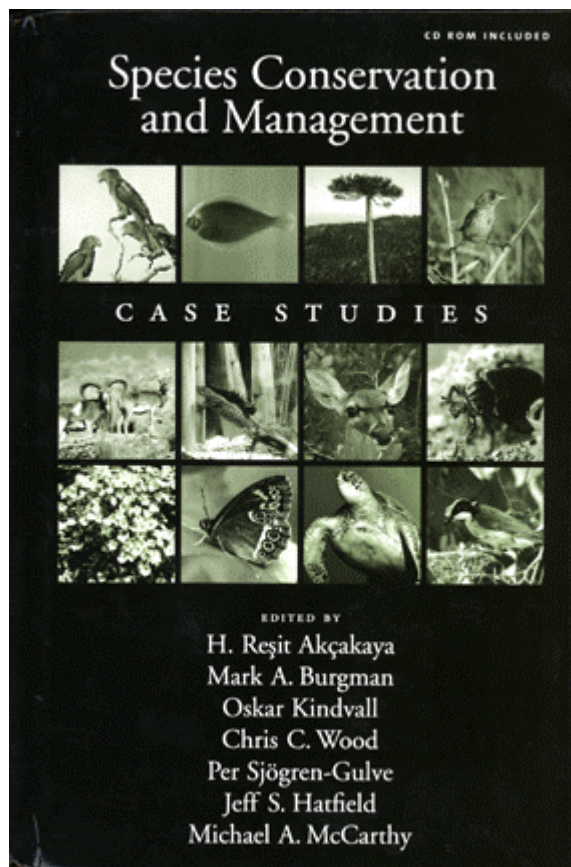
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Species Conservation and Management Case Studies

Edited by **H. Resit Akçakaya** (Applied Biomathematics), **Mark Burgman** (University of Melbourne), **Oskar Kindvall** (Swedish Species Information Center), **Chris C. Wood** (Pacific Biological Station), **Per Sjogren-Gulve** (Swedish Environmental Protection Agency), **Jeff S. Hatfield** (USGS Patuxent Wildlife Research Center), and **Michael A. McCarthy** (University of Melbourne)

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Species Conservation and Management: Case Studies is a collection of population and metapopulation models for a wide variety of species (see contents below). Each chapter of the book describes the application of RAMAS GIS 4.0 to one species, demonstrating how various life history characteristics of the species are incorporated into the model, and how the results of the model have been or can be used in conservation and management of the species. The chapters address a variety of issues such as habitat loss, exploitation, fragmentation, diseases, pollution, habitat restoration, translocation, and connectivity. The book includes a CD-ROM with a demo version of the RAMAS GIS program and data files for all the models.



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