

Oxford Series in Ecology and Evolution

Edited by Robert M. May and Paul H. Harvey

Some of our most important research in biology, ecology and the social sciences relies on the ability of modeling techniques to increase our understanding of nature, human behavior and other phenomena that we cannot directly study or dig up from the past. *Dynamic State Variable Models in Ecology* introduces a set of these various techniques that are powerful and extremely flexible. From the computational techniques of backward and forward iteration described through the example of foraging in fish to applications including individual behavior, population and community processes, and evolutionary strategies, this is complete and fully up-to-date coverage that can be taken straight into the lab.

With its explanations on how to construct, test, and use dynamic state variable models in a wide range of contexts in evolutionary ecology, *Dynamic State Variable Models in Ecology* is an undeniably useful reference for students and scientists interested in behavior, ecology, anthropology, conservation biology and other related fields.

About the Authors

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ISBN 978-0-19-512267-1



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