

Wildlife Ecology, Conservation and Management, 2nd Edition



Anthony R.E. Sinclair, John M. Fryxell, and Graeme Caughley

WILDLIFE ECOLOGY, CONSERVATION, AND MANAGEMENT

SECOND EDITION



[Wildlife Ecology, Conservation and Management, 2nd Edition 下载链接1](#)

著者:Anthony R. E. Sinclair

出版者:Blackwell Publishing

出版时间:2006-1

装帧:Paperback

isbn:9781405107372

The second edition of Wildlife Ecology, Conservation, and Management provides a

thorough introduction to general ecological principles and examines how they can be applied to wildlife management and conservation.

- Expanded and updated, this second edition includes new chapters on understanding ecosystems and the use of computer models in wildlife management
- Gives a comprehensive, up-to-date overview of ecology including the latest theories on population dynamics and conservation
- Reviews practical applications and techniques and how these can be used to formulate realistic objectives within an ecological framework
- Examples of real-life management situations from around the world provide a broad perspective on the international problems of conservation
- Worked examples on CD enable students to practice calculations explained in the text

作者介绍:

Tony Sinclair is former Director of the Centre for Biodiversity Research at the University of British Columbia, Canada. Working in the Serengeti National Park, Tanzania, Africa, on ecology and conservation projects for over 40 years, he also carries out research in Canadian subarctic ecosystems, as well as being involved in conservation issues in Australia and New Zealand. Previous publications include: *Wildlife Ecology* (1994), *African Buffalo* (1977), *Serengeti* (1979), *Serengeti II* (1995), *Serengeti III* (forthcoming), and *Conserving National Diversity* (2000).

John Fryxell is currently at the Department of Integrative Biology, at the University of Guelph, Canada, having previously worked at the University of British Columbia and as Wildlife Consultant for the Provincial Government of Newfoundland and Labrador. His current research focuses on the role of behavior in population and community dynamics of large mammals. He is the author of *Individual behaviour and Community Dynamics* (1998) and the forthcoming title *Serengeti III* with Tony Sinclair.

目录: Preface.

- 1 Introduction.
- 2 Biomes.
- 3 Animals as individuals.
- 4 Population growth.
- 5 Dispersal, dispersion, and distribution.
- 6 Food and feeding.
- 7 The ecology of behavior.
- 8 Population regulation, fluctuation and competition within species.
- 9 Competition and facilitation between species.
- 10 Predation.
- 11 Consumer-resource dynamics.
- 12 Parasites and pathogens.
- 13 Communities and ecosystems.
- 14 Counting animals.
- 15 Experimental management.
- 16 Model evaluation and adaptive management.
- 17 Conservation in theory.

18 Conservation in practice.

19 Wildlife harvesting.

20 Wildlife control.

References.

Appendices.

Index

• • • • • (收起)

[Wildlife Ecology, Conservation and Management, 2nd Edition](#) [下载链接1](#)

标签

生物学

评论

[Wildlife Ecology, Conservation and Management, 2nd Edition](#) [下载链接1](#)

书评

[Wildlife Ecology, Conservation and Management, 2nd Edition](#) [下载链接1](#)