



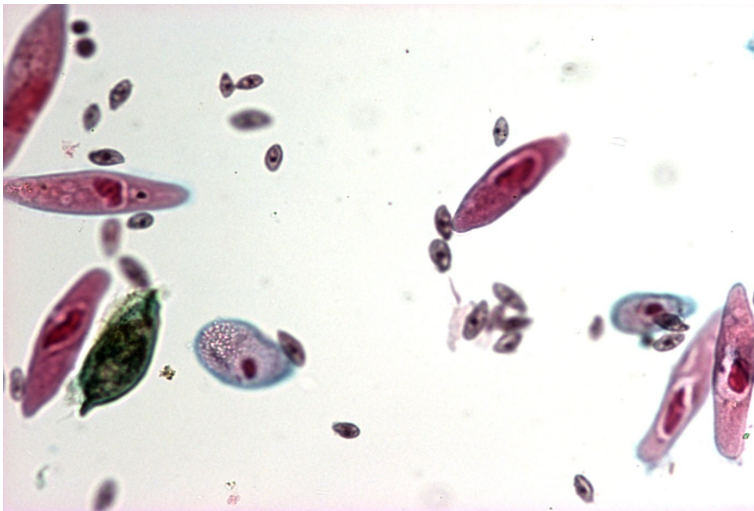
# Ecologia de comunidades:

## Uma breve introdução



Floresta da Mata Atlântica

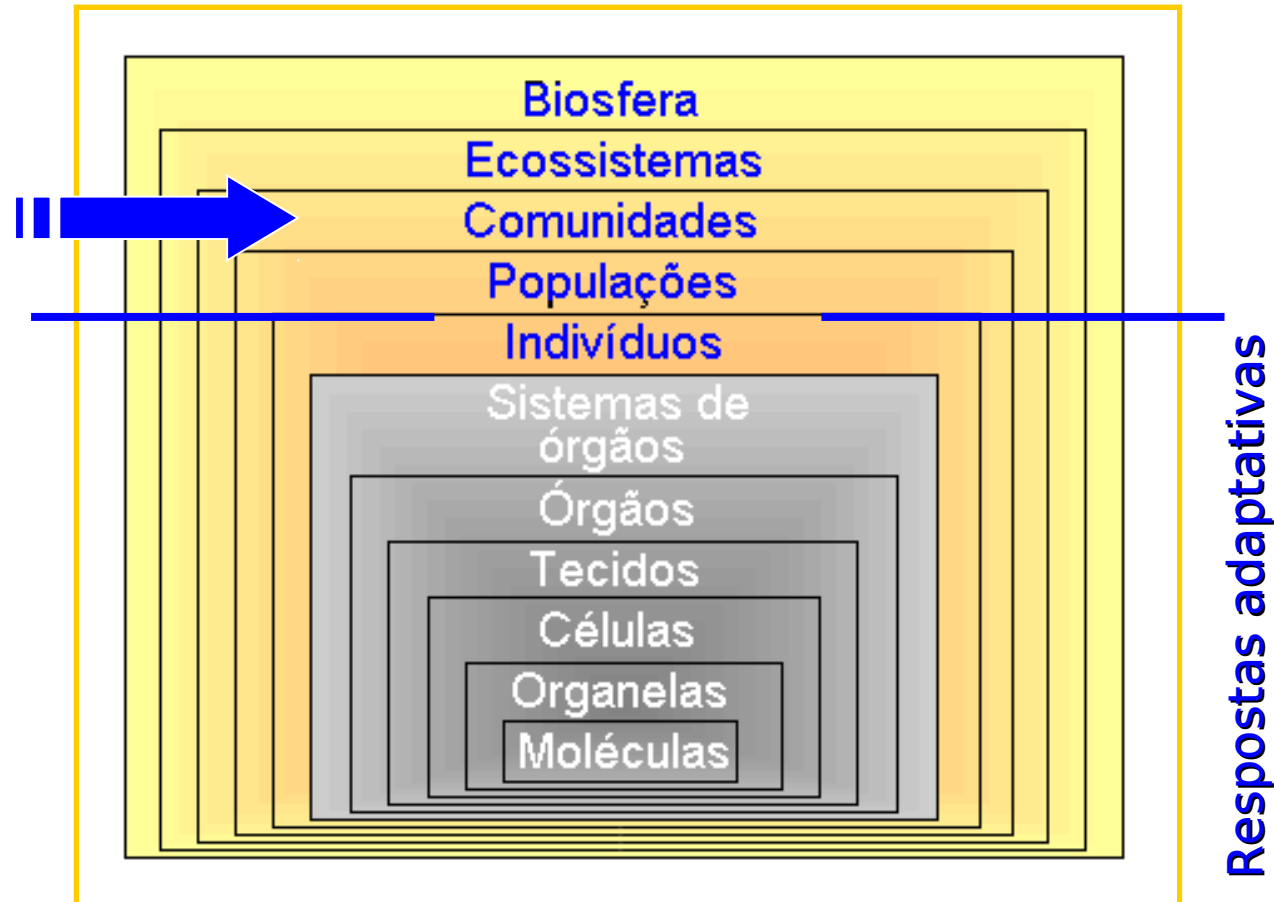
Conjunto de populações de diferentes espécies que ocorrem juntas no espaço e no tempo.



Ciliados em uma gota d'água



Canteiros experimentais



# A perguntas essenciais

- Riqueza
  - Por que algumas comunidades têm mais espécies do que outras?
- Composição
  - Por que comunidades têm conjuntos diferentes de espécies?
- Abundância
  - Por que as espécies nas comunidades têm tamanhos populacionais diferentes?

# THE AMERICAN NATURALIST

Vol. XCIII

May-June, 1959

No. 870

HOMAGE TO SANTA ROSALIA  
*or*  
WHY ARE THERE SO MANY KINDS OF ANIMALS?\*

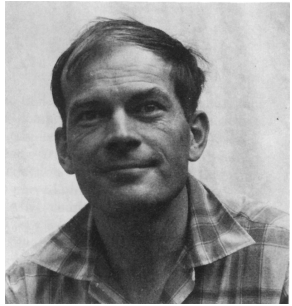
G. E. HUTCHINSON

Department of Zoology, Yale University, New Haven, Connecticut



George E. Hutchinson  
1903-1991

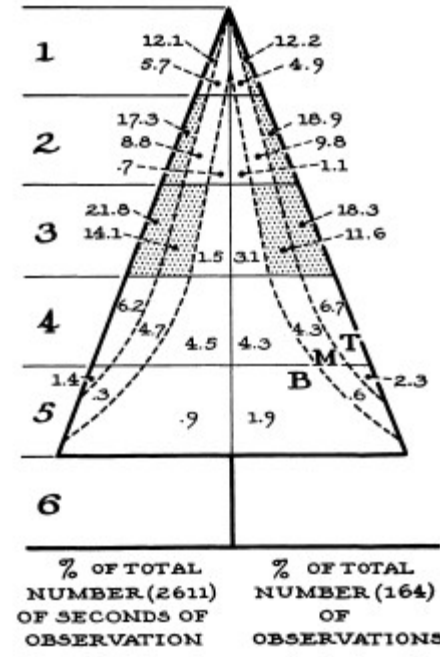
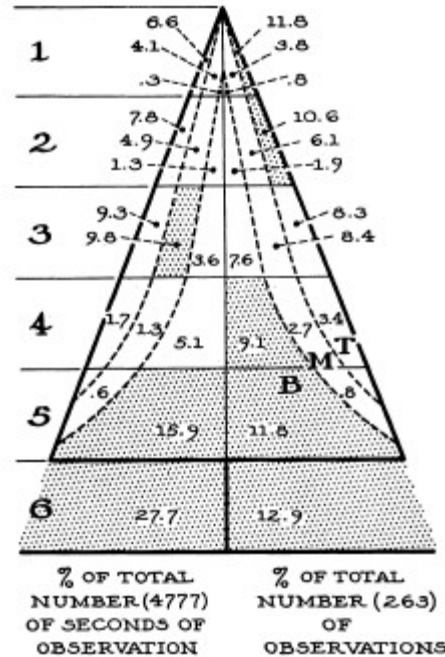




# POPULATION ECOLOGY OF SOME WARBLERS OF NORTHEASTERN CONIFEROUS FORESTS<sup>1</sup>

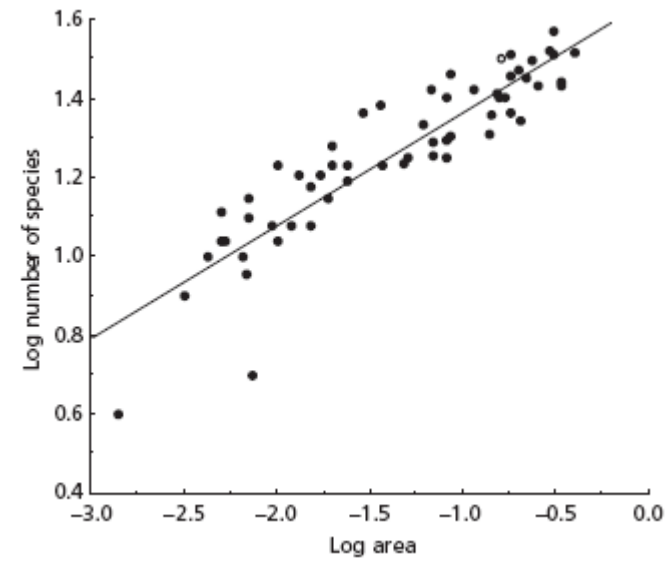
ROBERT H. MACARTHUR

*Department of Zoology, University of Pennsylvania*



Ecology, Vol. 39, No. 4

October, 1958



Aves em ilhas britânicas,  
Gaston & Blackburn 2000

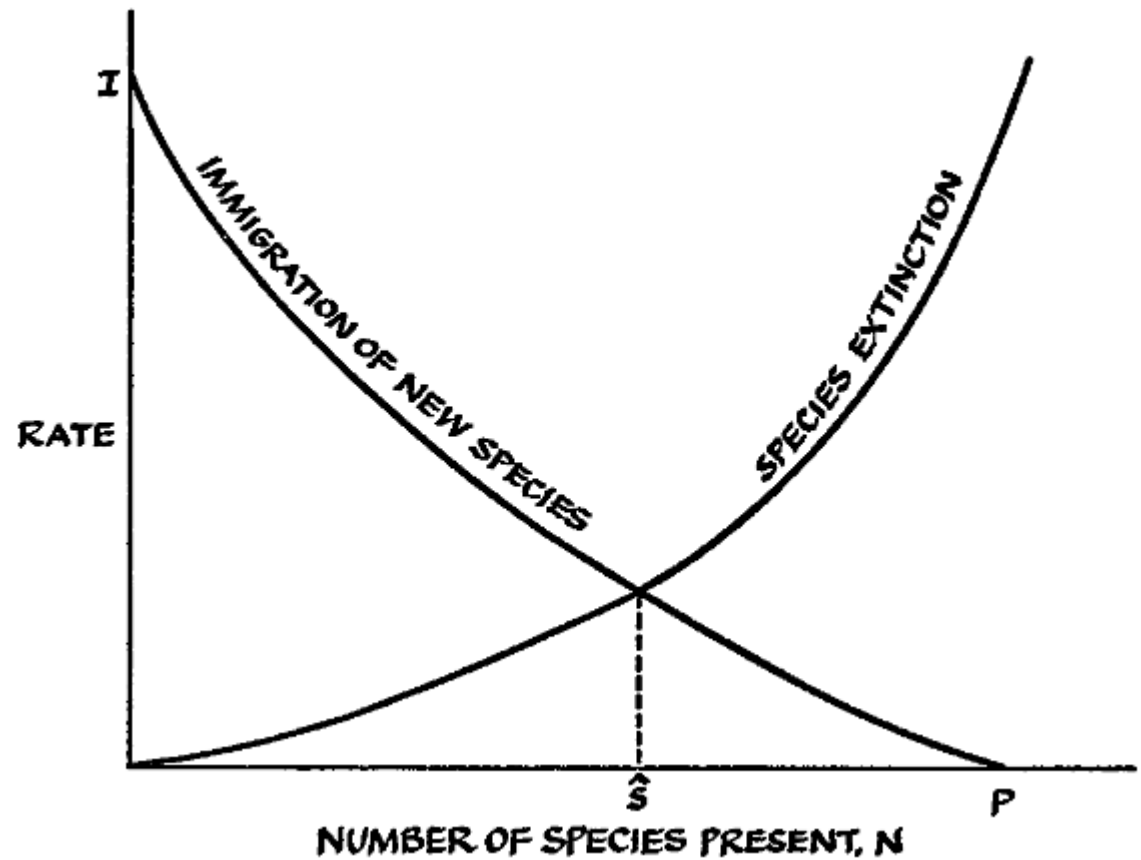
# THE THEORY OF Island Biogeography

ROBERT H. MACARTHUR AND

EDWARD O. WILSON

PRINCETON, NEW JERSEY  
PRINCETON UNIVERSITY PRESS

1967





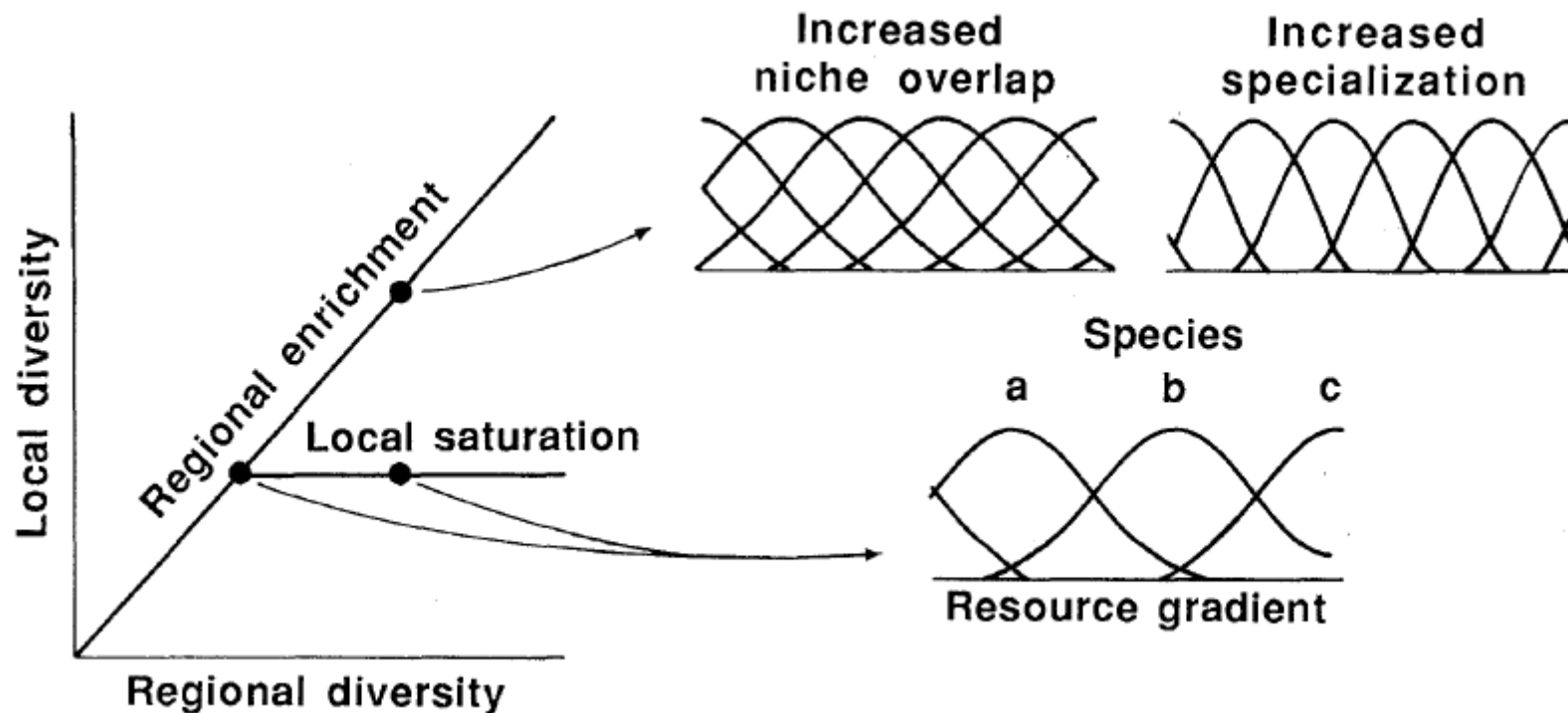


Distribuição geográfica das 12 espécies de árvores que ocorrem em associação no leste do Kentucky



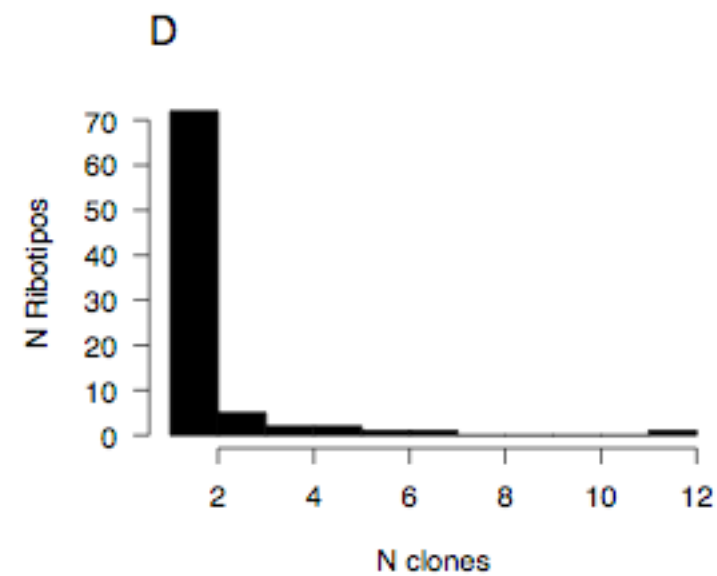
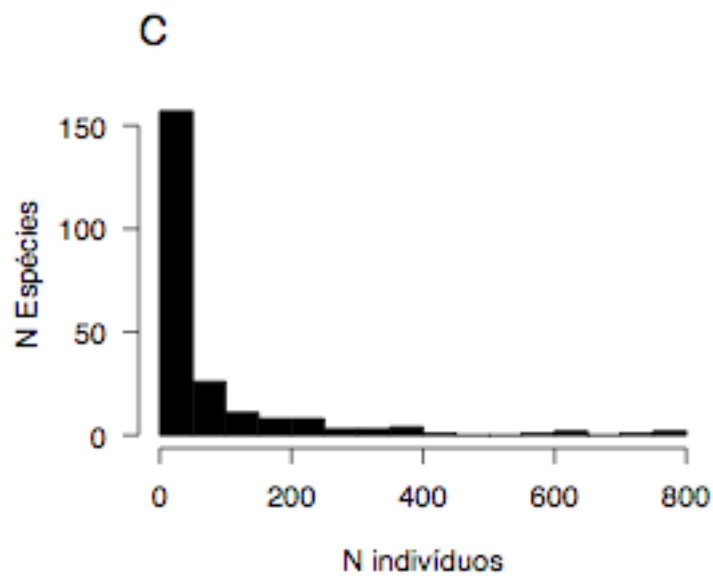
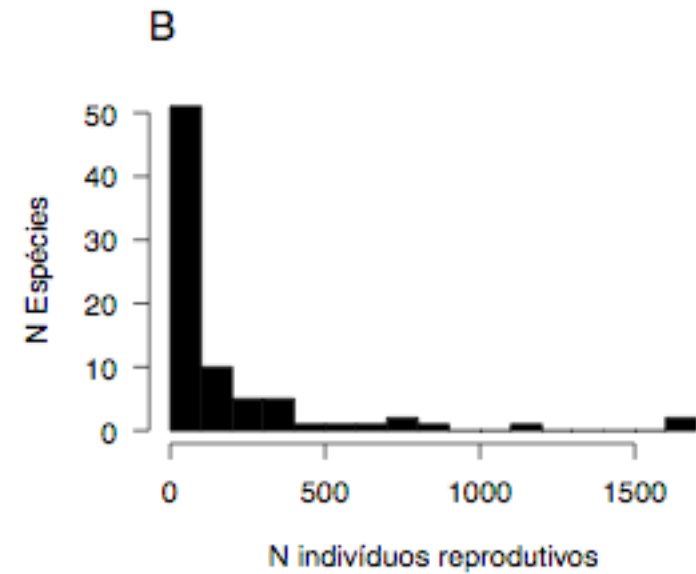
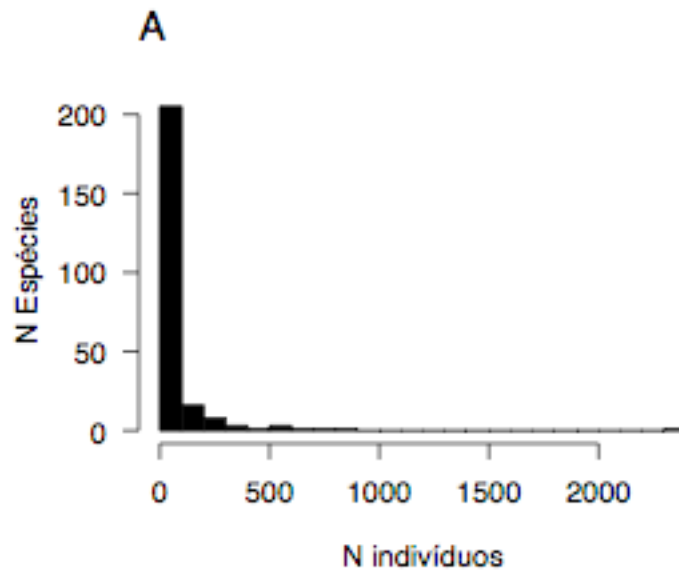
# Community Diversity: Relative Roles of Local and Regional Processes

ROBERT E. RICKLEFS



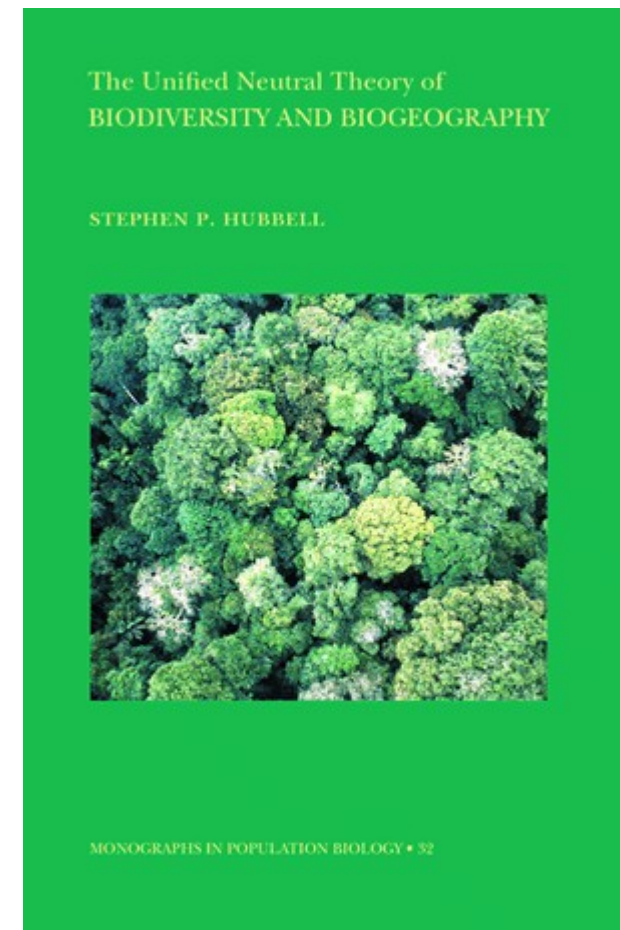
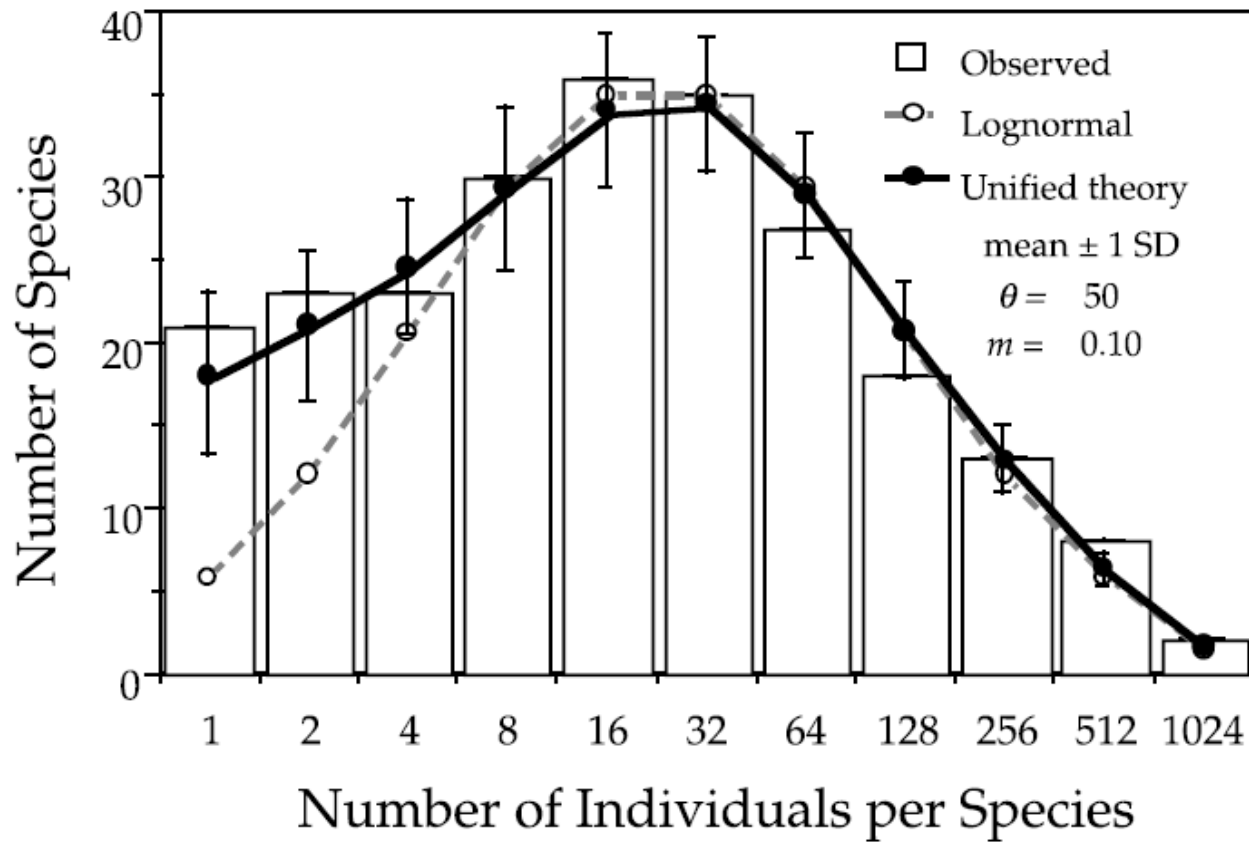
SCIENCE, VOL. 235

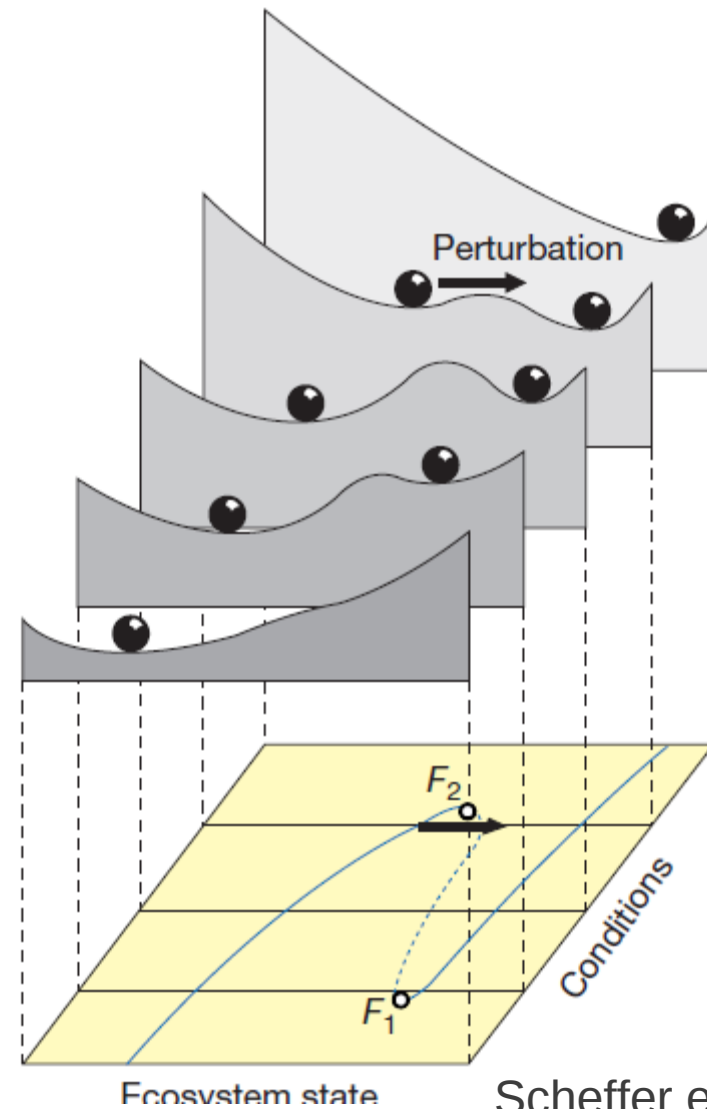
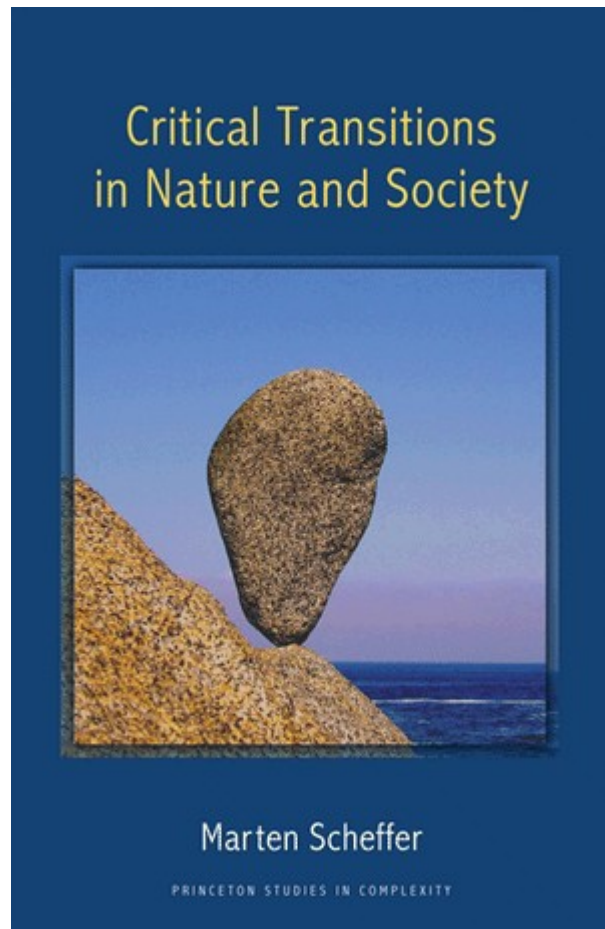
9 JANUARY 1987



A - Mariposas, GB  
C - Árvores, Panamá

B - Aves, EUA  
D - Archaea, BR





Scheffer et al. 2001

Aqui deveria vir o slide de síntese



# Santa Rosalia Was a Goat

**ROGER LEWIN**

SCIENCE, VOL. 221

12 AUGUST 1983



---

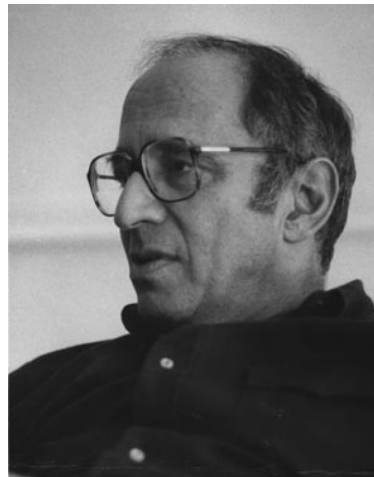
“[T]he theory has caused  
a generation of ecologists  
to waste a monumental  
amount of time.”

---

# The Structure of Scientific Revolutions

Second Edition, Enlarged

*Thomas S. Kuhn*







## CONCEPTUAL SYNTHESIS IN COMMUNITY ECOLOGY

MARK VELLEND

*Departments of Botany and Zoology, and Biodiversity Research Centre, University of British Columbia,  
Vancouver, British Columbia, Canada, V6T 1Z4*

