

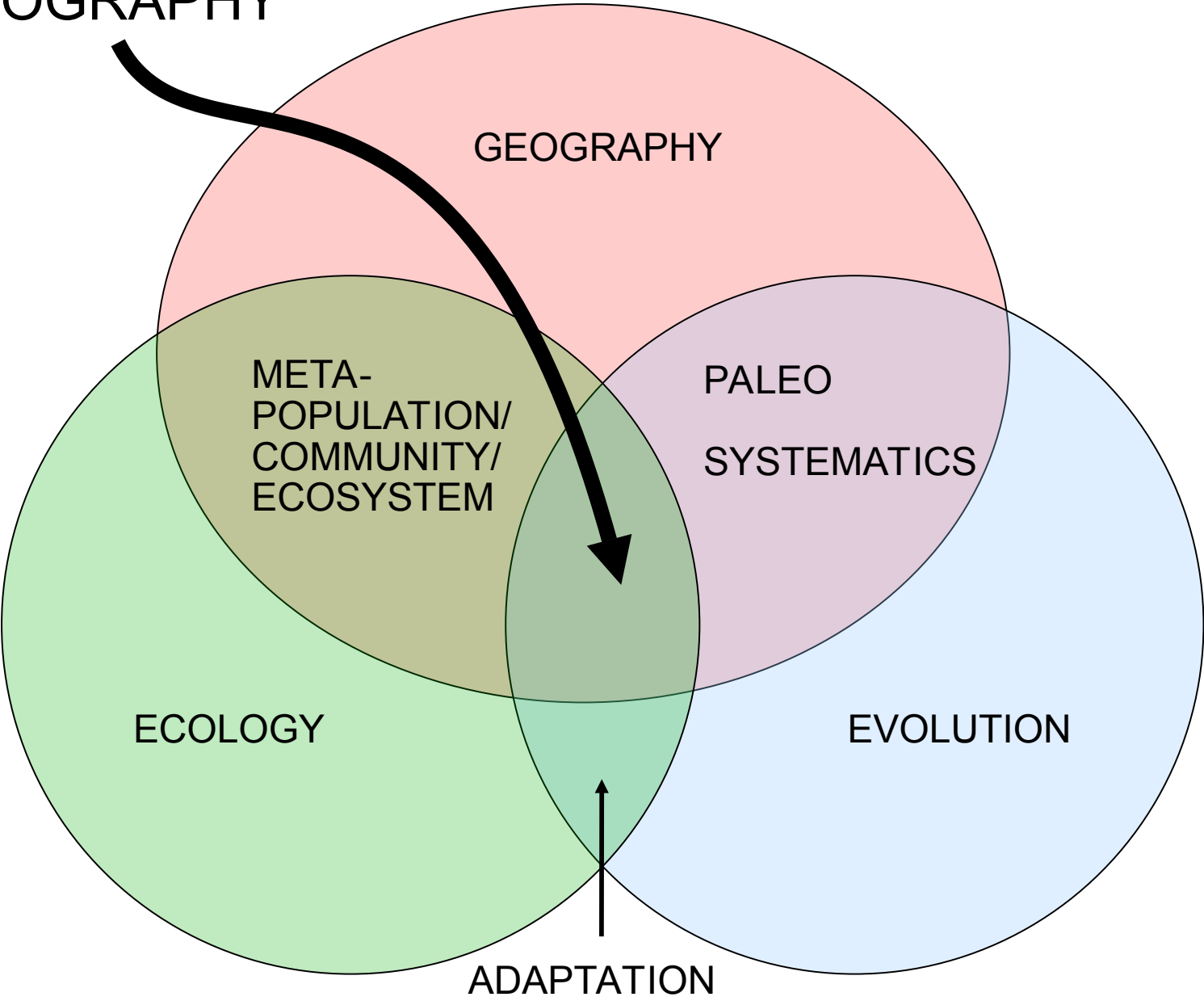
Biogeography:

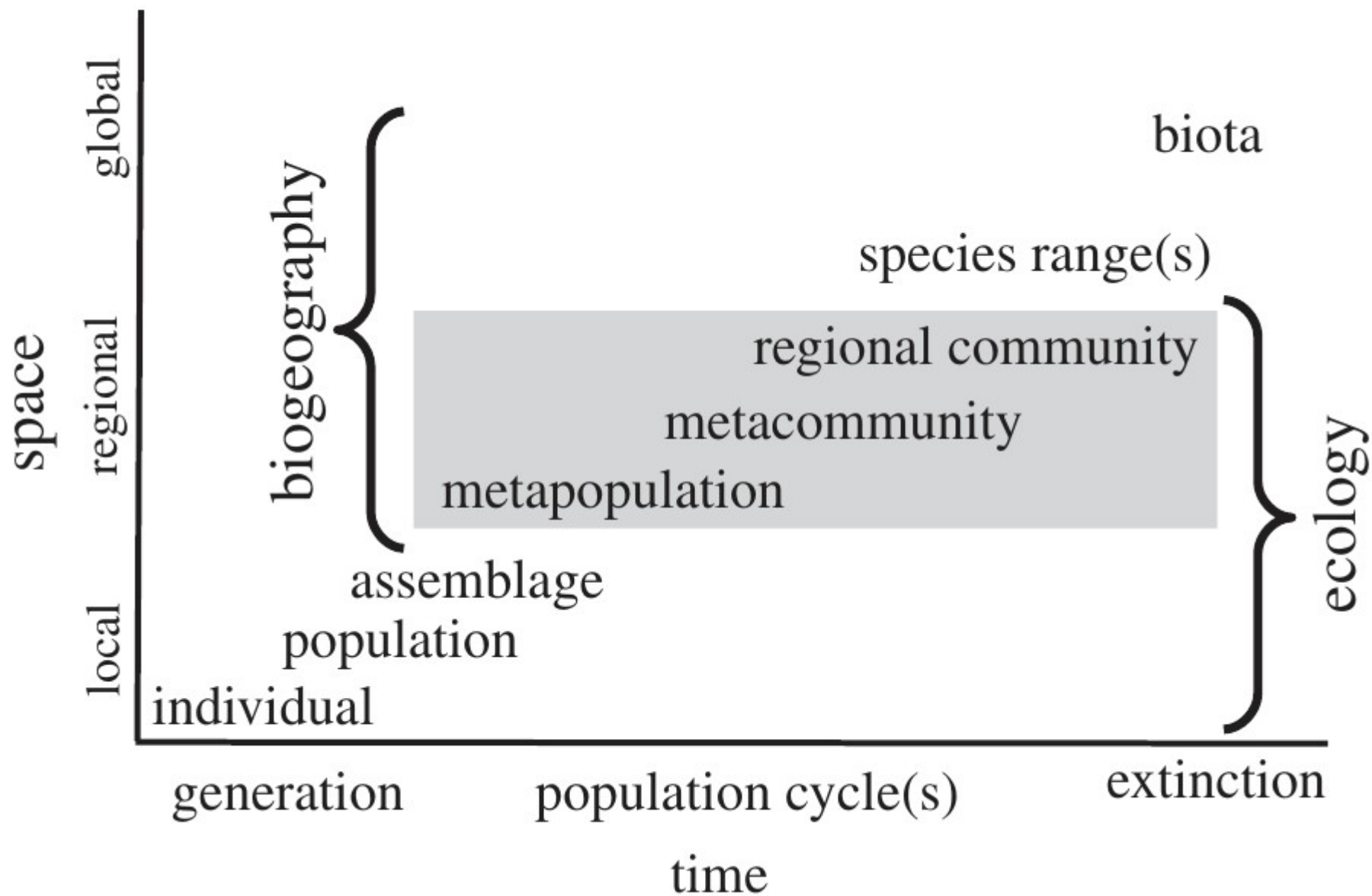
What is it?

Textbook Definitions

- The science that attempts to document and understand spatial patterns of biological diversity.
- The study of the distribution of organisms, both past and present
- A science that attempts to answer the question: “How does biological diversity vary over the surface of the Earth?” [And Why?]

BIOGEOGRAPHY





Biogeographer Job Titles

- Spatial or Landscape Ecologist
- Evolutionary Biologist
- Systematist
- Taxonomist
- Paleontologist
- Naturalist
- Cartographer
- Geographer

Biogeography Journals

Main Sources

- *Journal of Biogeography*
- *Global Ecology & Biogeography*
- *Diversity & Distributions*
- *Ecography*
- *Frontiers of Biogeography*

Others

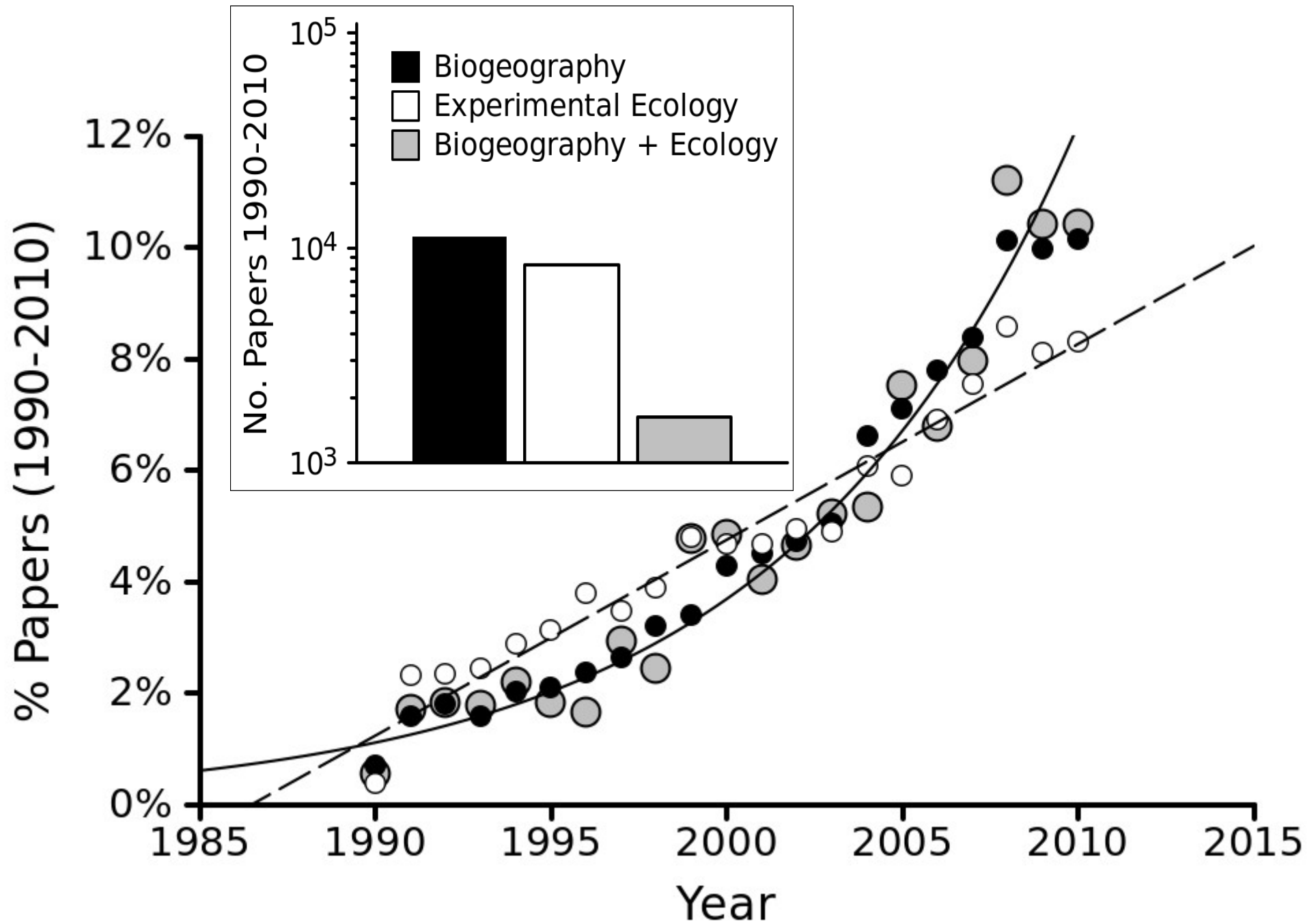
Molecular Ecology

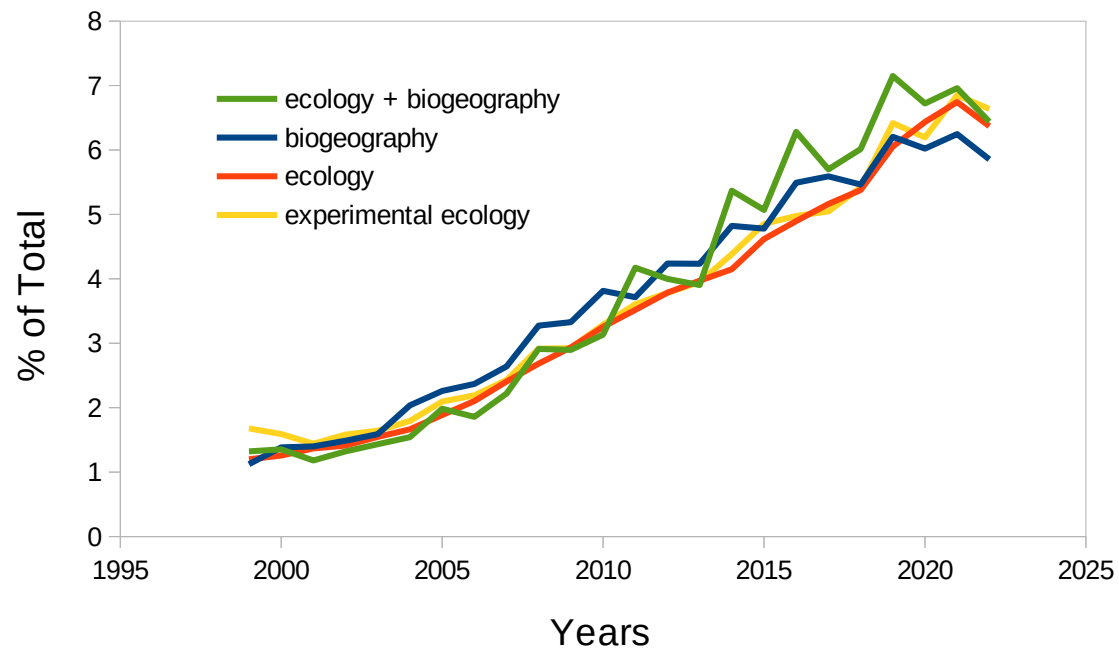
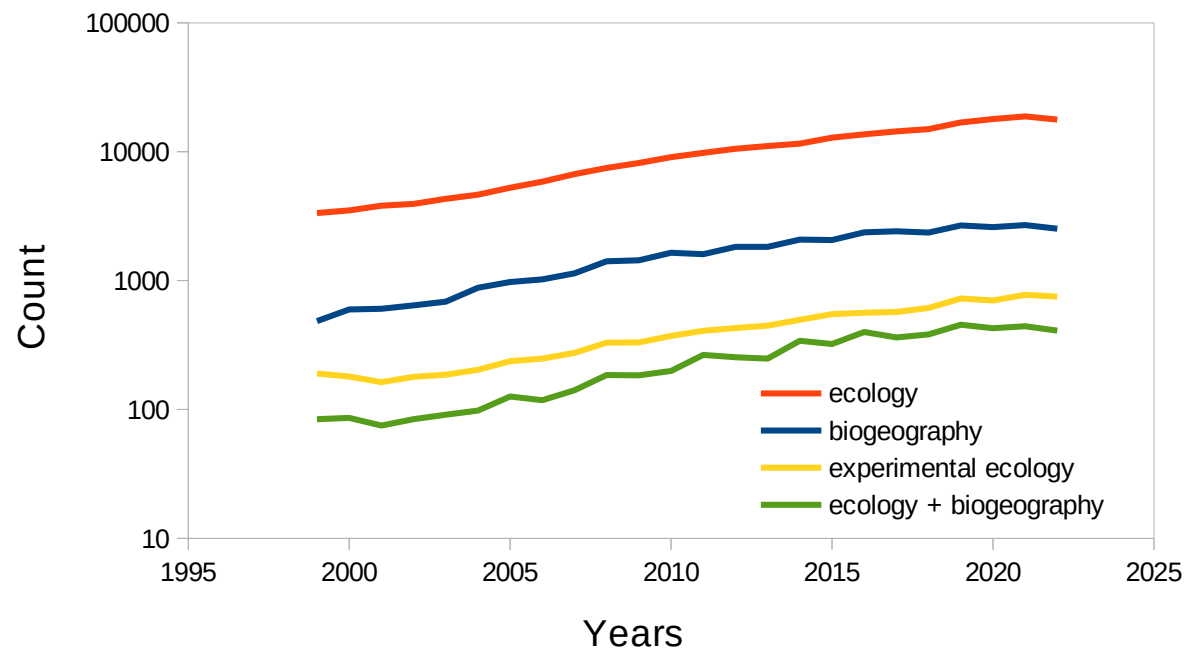
Landscape Ecology

Evolution

Systematics journals

Climate Change journals





Biogeography “vs.” Ecology

Biogeography:

- started with Darwin et al.
- focused on large-scale
- stayed observational
- waited for plate tectonic theory
- pattern implies process
- data-base oriented

Ecology:

- started with Darwin et al.
- focused on small-scale
- became experimental
- adopted ag-based statistical analyses
- process makes pattern
- becoming data-based oriented