EEB587: Phylogenetic Methods
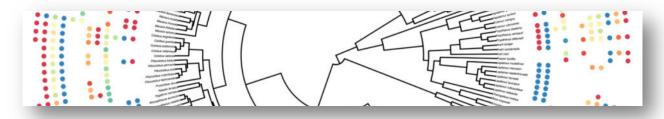## Open to undergrads and grad students
Spring, 2020: Tuesdays and Thursdays, 11:10AM-12:25PM
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By the time the class is over, you will know:
- Why to bother with trees
- How to answer questions in ecology, evolution, and related fields (conservation, linguistics, etc.) using phylogenies
- Why to move beyond dull hypothesis testing
- How to gather data for your analyses
- How to build a phylogeny
- How to understand trait evolution
- How to understand diversification
- How to build a method of your own
- Why and how to use R, git, and other software

This is largely a flipped class: course materials (textbook, recorded videos, etc.) are **all freely available online**; in class, we'll work through readings, questions, and problems together.

Suggested requirements
- A question that motivates you about evolution, ecology, or related field
- Ability to learn and hack through problems
- Experience with R is useful, but as long as you're not afraid to work and ask questions while learning it, extensive knowledge is not required