

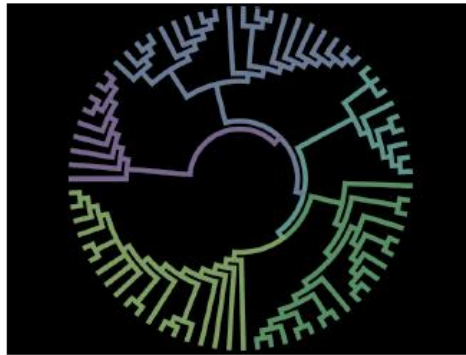
Bi0662 Vybrané problémy z ekologie

Bloková výuka 29. 3.-1. 4. 2019



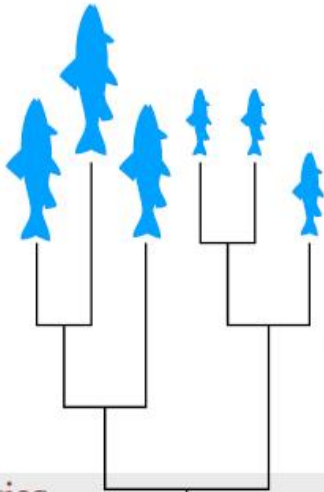
A PRIMER TO MOLECULAR PHYLOGENETICS

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Objectives

- Understand the main concepts of phylogenetic reconstruction
- Review of the different methods
- Learn to make phylogenetic trees using free computer programs



Program

- What are phylogenetic trees?
- How to deal with molecular data?
- Molecular evolutionary models
- Maximum likelihood and Bayesian methods
- Tree comparison tests
- Supertrees

Activities

- 4 days
- Lecture
- Practical on computer
- Learn how to retrieve sequences from online databases
- Bring your own data/device!

