

Biodiversity, evolution & taxonomy

Teaching Biodiversity Short Course
for FET Life Sciences Teachers

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The diversity of (plant) life

The Tree of Life

Understanding where it branches

The history of life

Telling the stories on the Tree's branches

Old-timey taxonomy: Linnaeus

- Pre-evolutionary views
- Classification based on sexual parts
- A lot of Linnaeus' *Systema Naturae* & *Systema Plantarum* didn't hold up to modern scientific evidence...

Old-timey taxonomy: Linnaeus cont.

But, he gave us 2x amazing (& simple!) things:

- Hierarchical classification
- Binomial nomenclature

Modern-day molecular phylogenetics