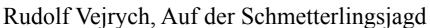
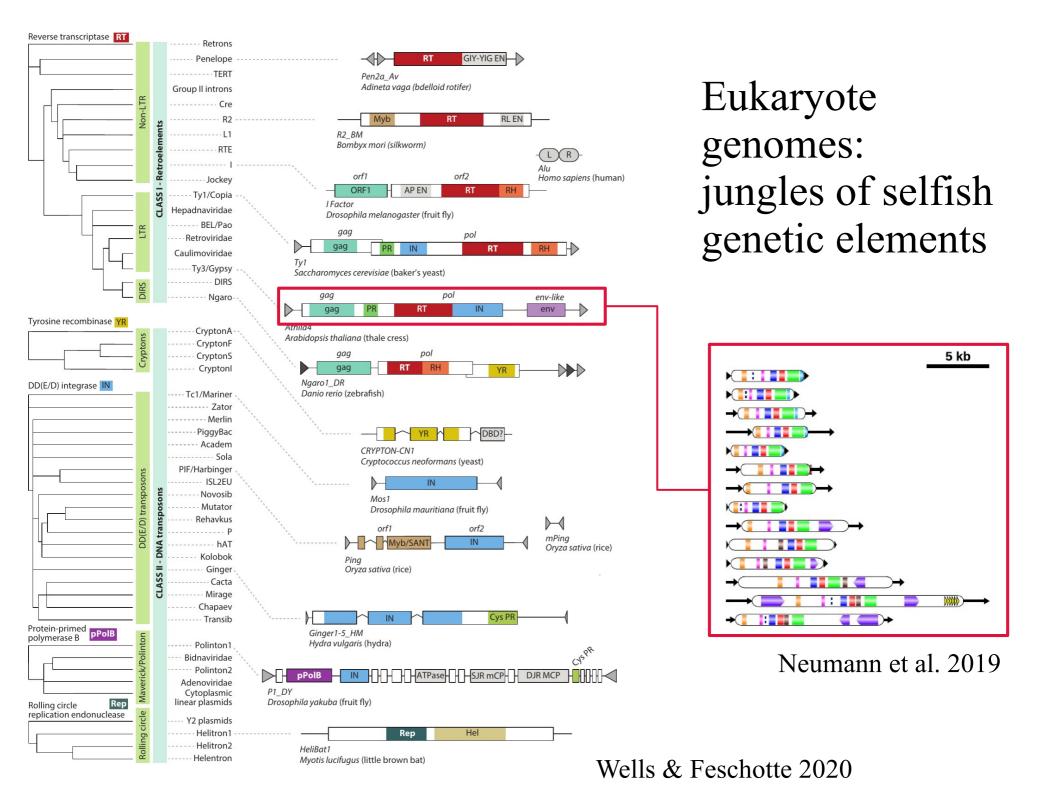
BIO294 project: hunting transposable elements in plant genomes

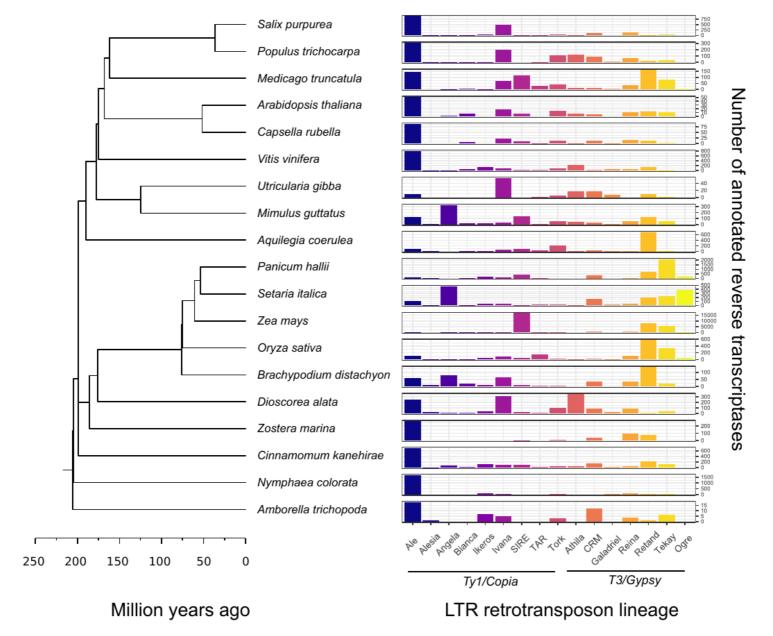


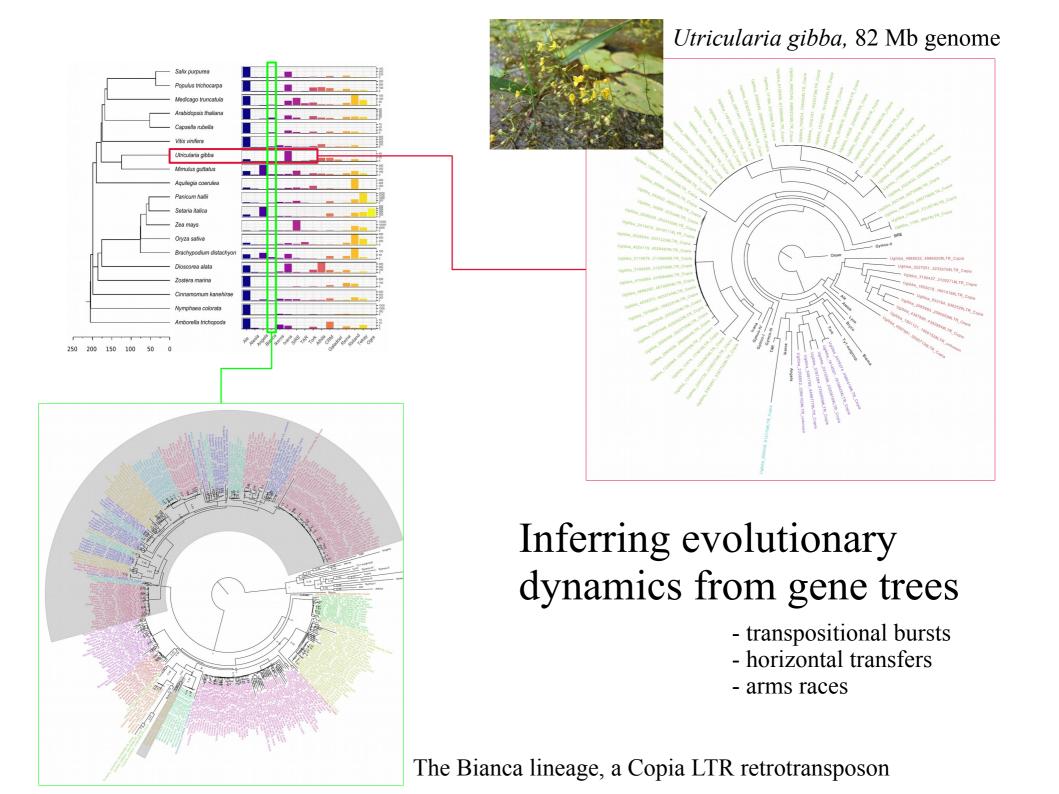






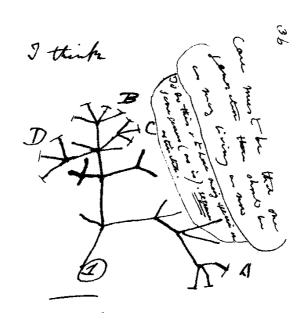
Diversity of LTR retrotransposons across 19 diverse angiosperm genomes





Project aims

- find sequences of interest in a plant genome
- estimate, visualize and interprete gene trees
- write simple Python/Bash scripts



Suggested reading

Koonin 2005:

Orthologs, paralogs, and evolutionary genomics

Wells & Feschotte 2020:

A field guide to eukaryotic transposable elements

Neumann et al. 2019:

Systematic survey of plant LTR-retrotransposons elucidates phylogenetic relationships of their polyprotein domains and provides a reference for element classification