



Spring 2019

Plant Systematics

(Systematic Botany)

ECOL 472, PLS/ECOL 572

Dr. M. McMahon, Plant Sciences/EEB

Lecture,
discussions:
MWF 11-11:50

Lab:
W 1-3:50

- ***Plants of Arizona and the world***

Familiar plants can have unfamiliar cousins
— learn their family traits and pedigrees.

- ***Comparative plant morphology***

Each species has its own features
— learn to see cryptic similarities and important differences

- ***Evolution of diversity***

Plants provide food and shelter for humans, animals, and microbes
— learn how they evolved such vital variation.

- ***Modern systematics***

Our understanding of the Tree of Life has never been better
— learn how to read history and use it to organize knowledge