



## Dr. Larry Alice Department of Biology

- My general research interests include the systematics of the economically important plant genera Rubus, which includes blackberries and raspberries, and Mentha, including spearmint and peppermint. These groups have long been considered taxonomically difficult due in part to polyploidy (more than two sets of chromosomes), agamospermy (asexual seed production) in Rubus, and hybridization.
- I primarily use molecular techniques, in particular DNA sequencing, to address evolutionary biology questions.





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## Current Research Projects:

- Plant Protection Research Institute "Taxonomic Status and Phylogenetic Affinity of an Invasive Blackberry in South Africa"
- Flora of North America & Jepson Flora Rubus
- National Science Foundation "RUI: Molecular <u>Phylogenetics and Allopolyploidization in Rubus</u> <u>(Rosaceae)</u>"
- Ashley Wint Gene Flow in Rubus