**Conservation Genetics Laboratory: Current Projects**

**Delphinium exaltatum**
- Collaborators: George Yatskievich (U of TX)
- Funding: US Park Service
- Methods: Microsatellite analysis of genetic structure

**Agave parryi**
- Collaborators/Funding: Environmental Laboratory, U.S. Army Engineer Research and Development Center, Vicksburg, MS
- Methods: Microsatellite analysis of genetic structure

**Leptonycteris yerbabuenae**
- Collaborators: Environmental Laboratory, U.S. Army Engineer Research and Development Center, Vicksburg, MS
- Funding: ESTCP
- Methods: DNA Metabarcoding of diet and parasite diversity

**Agave parryi**
- Collaborators: Environmental Laboratory, U.S. Army Engineer Research and Development Center, Vicksburg, MS
- Funding: ESTCP
- Methods: DNA Metabarcoding of diet and parasite diversity

**Physaria filiformis**
- Collaborators: Matthew Albrecht (MBG), George Yatskievich (U of TX)
- Funding: USFWS
- Methods: Microsatellite analysis of genetic structure

**Lilaeopsis schaffneriana**
- Federally endangered
- Collaborators: US Army Engineers Research and Development Center, Vicksburg, MS
- Funding: DoD Legacy
- Methods: RAD-sequencing to determine species boundaries

**Ziziphus celata**
- Federally endangered
- Collaborators: Archbold Biological Station
- Funding: Florida Forest Service
- Methods: Microsatellite analysis of genetic structure

**Polygala lewtonii**
- Federally endangered
- Collaborators: Archbold Biological Station
- Funding: FDACS
- Methods: Microsatellite analysis of mating system

**Leavenworthia exigua var. laciniata**
- Federally threatened
- Collaborators/Funding: USFWS
- Methods: Microsatellite analysis of genetic structure

**Physaria filiformis**
- Collaborators/Funding: Matthew Albrecht (MBG), George Yatskievich (U of TX)
- Funding: USFWS
- Methods: Microsatellite analysis of genetic structure

**Cinchona officinalis**
- Collaborators/Funding: Charles Darwin Foundation
- Methods: Microsatellite analysis of genetic structure

**Dracaena umbraculifera**
- Listed as extinct in the wild - IUCN
- Collaborators/Funding: Dr. Peter Wyse Jackson, Jim Miller (MBG), MBG-Horticulture
- Methods: Microsatellite analysis and DNA sequencing

**Physaria filiformis**
- Collaborators/Funding: Matthew Albrecht (MBG), George Yatskievich (U of TX)
- Funding: USFWS
- Methods: Microsatellite analysis of genetic structure

Abbreviations:
- DoD Legacy - Department of Defense Legacy Resource Management Program
- ESTCP - Environmental Security Technology Certification Program
- FDACS - Florida Department of Agriculture and Consumer Services
- IUCN - International Union for Conservation of Nature
- MBG - Missouri Botanical Garden
- RAD-seq - Restriction Enzyme Associated DNA sequencing
- USFWS - U.S. Fish and Wildlife Service