

MORNING TALKS — SESSION 1

8:45 am	Will Freyman	Reconstructing chromosome evolution in Onagraceae using a novel stochastic character mapping approach
9:00 am	Nicolas Medina	Untangling Stranglers: Testing reticulate patterns of evolution within <i>Ficus</i> sect. <i>Americana</i>
9:15 am	Mathew Simenc	A window into land plant evolution through the first complete annotated fern genomes of <i>Azolla filiculoides</i> and <i>Salvinia cucullata</i>
9:30 am	Caleb Caswell-Levy	Biogeography, ecology and phylogeny of the <i>Orthotrichum lyellii</i> (Orthotrichaceae, Musci) species complex
9:45 am	Erika Lytle	Using population genetic analyses to distinguish between two similar species of rush lilies (<i>Hastingsia</i> , Agavaceae)

10:00 – 10:30 am — Break

10:30 am	Mckayla Stevens	Resolving the anomaly: <i>Lomatium triternatum</i> var. <i>anomalum</i>
10:45 am	Fernando Cuíllar	Phylogeny and taxonomy of the <i>Bouteloua annua</i> – <i>B. aristidoides</i> (Poaceae) clade based on molecular data and leaf micromorphology
11:00 am	Dylan Cohen	Elucidating species relationships and genetic diversity within the South-Andean Loasaceae using next-generation sequencing approaches
11:15 am	Andy Siekkinen	Phylogenetic investigation of the genus <i>Hechtia</i> , an understudied group of succulent Mexican bromeliads
11:30 am	Kyle Gunther	Preferential parasitism of the desert mistletoe <i>Phoradendron californicum</i> in the Mojave Desert
11:45 am	Adam Schneider	Host-to-parasite horizontal gene transfer and its utility in time-calibrating the Orobanchaceae phylogeny

MORNING TALKS — SESSION 2

8:45 am	Austen Apigo	Life in the leaves: The diversity and distribution of foliar fungal endophytes
9:00 am	Nate Vega	Next-generation population genetics in California rare plants
9:15 am	Mitchell Coleman	Seedling recruitment of <i>Atriplex polycarpa</i> (Chenopodiaceae) in the San Joaquin Valley of California: The roles of invasive grass competition and residual dry matter
9:30 am	Marissa Vossmer	The effect of increasing forest density and compositional shifts on seedling survival in a Sierra Nevada mixed-conifer forest
9:45 am	Karen Tanner	Effects of renewable energy development on annual plant seed bank dynamics

10:00 – 10:30 am — Break

10:30 am	Peter Breslin	Spatially-explicit Population Viability Analysis using species distribution modeling for an island endemic cactus species in Baja California Sur
10:45 am	Kristen Peach	Predicting responses of wild plant populations to climate change: Integrating climatic and biological factors influencing the ecology and evolution of floral attraction
11:00 am	Prahlada Papper	Common garden evidence for local climate adaptation in blue oak
11:15 am	Randall Long	Patterns of woody plant mortality
11:30 am	Laura Schultheis	“What’s going on with those manzanita?” — Investigating a possible synergy between extreme drought and fungal infection in <i>Arctostaphylos glauca</i>
11:45 am	Laura Morgan	Spatial vegetation modeling suggests a novel transmission pathway of the invasive forest pathogen <i>Phytophthora ramorum</i>