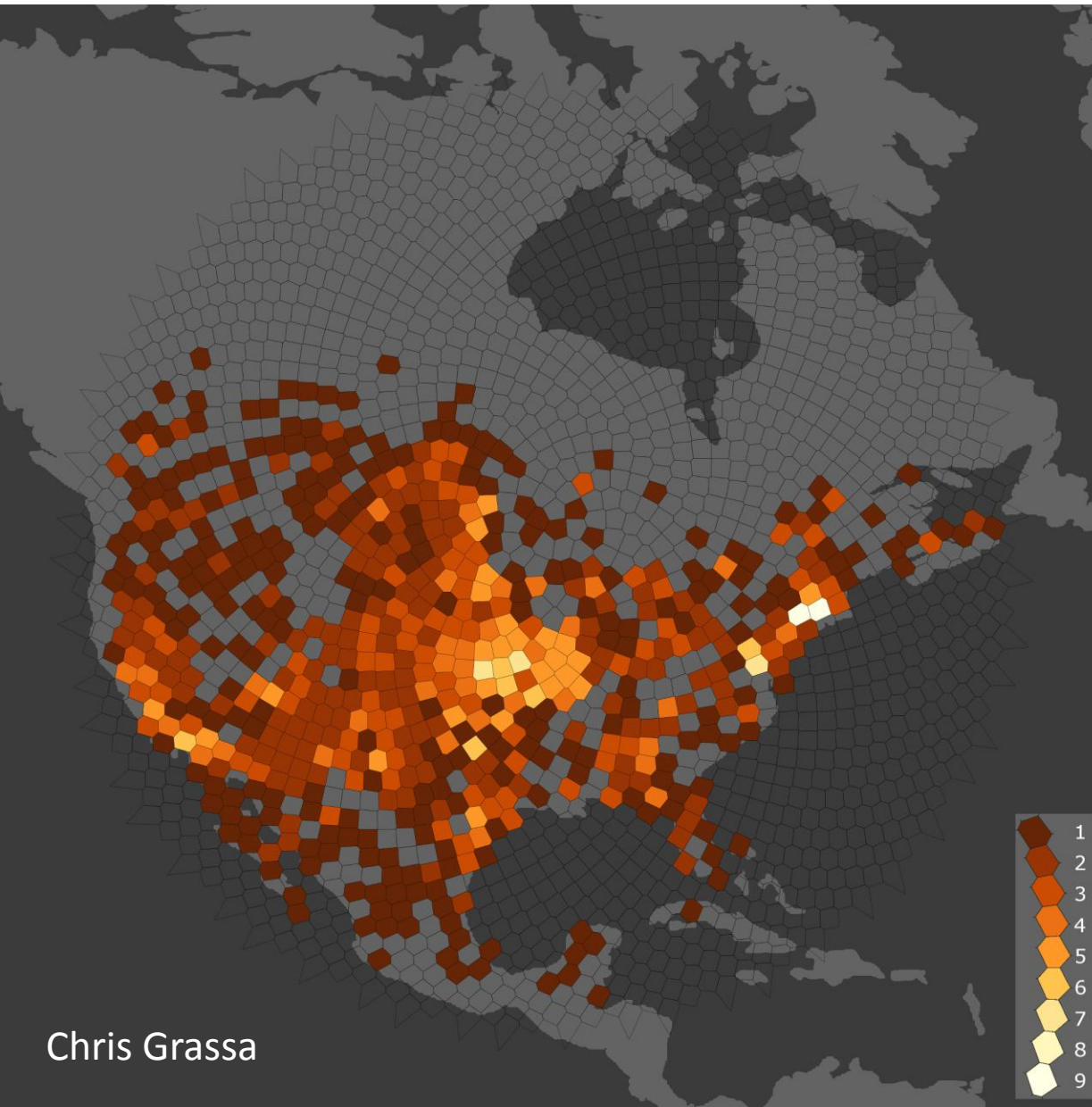
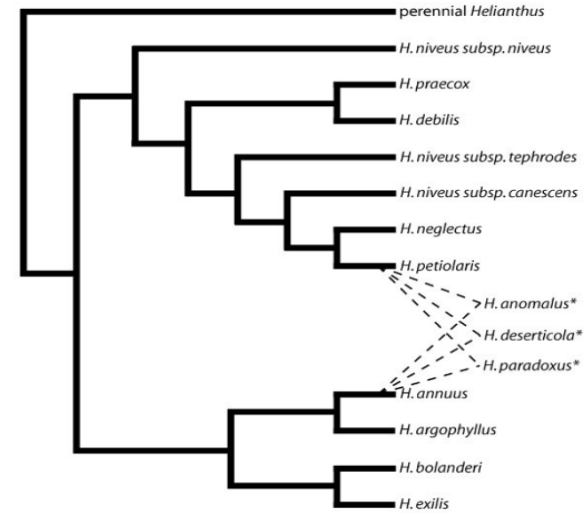


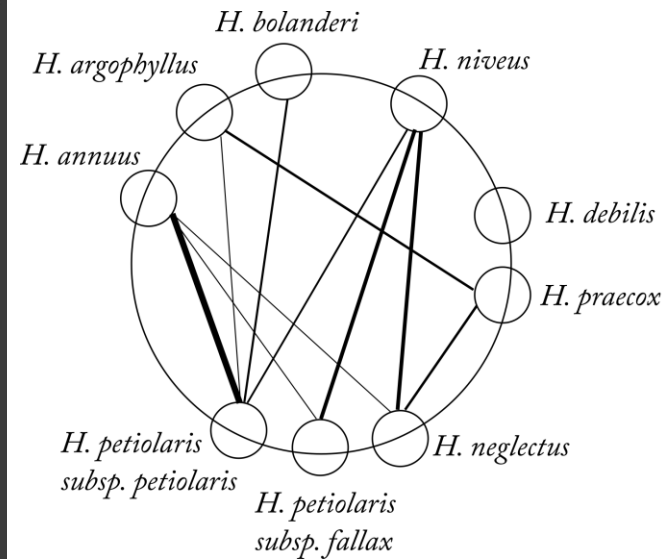
# Interfertile species diversity in annual sunflowers



Chris Grassa

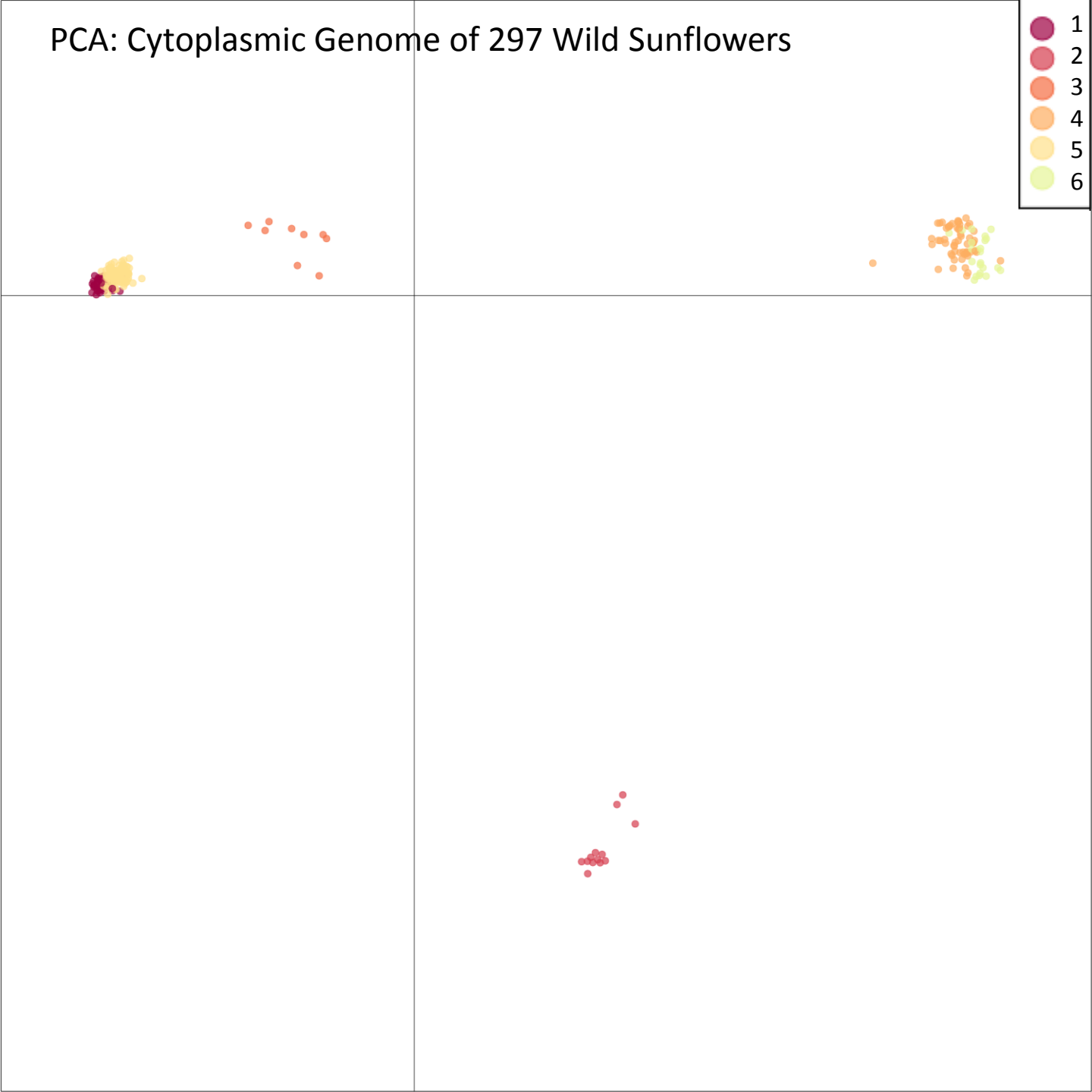


Loren Rieseberg

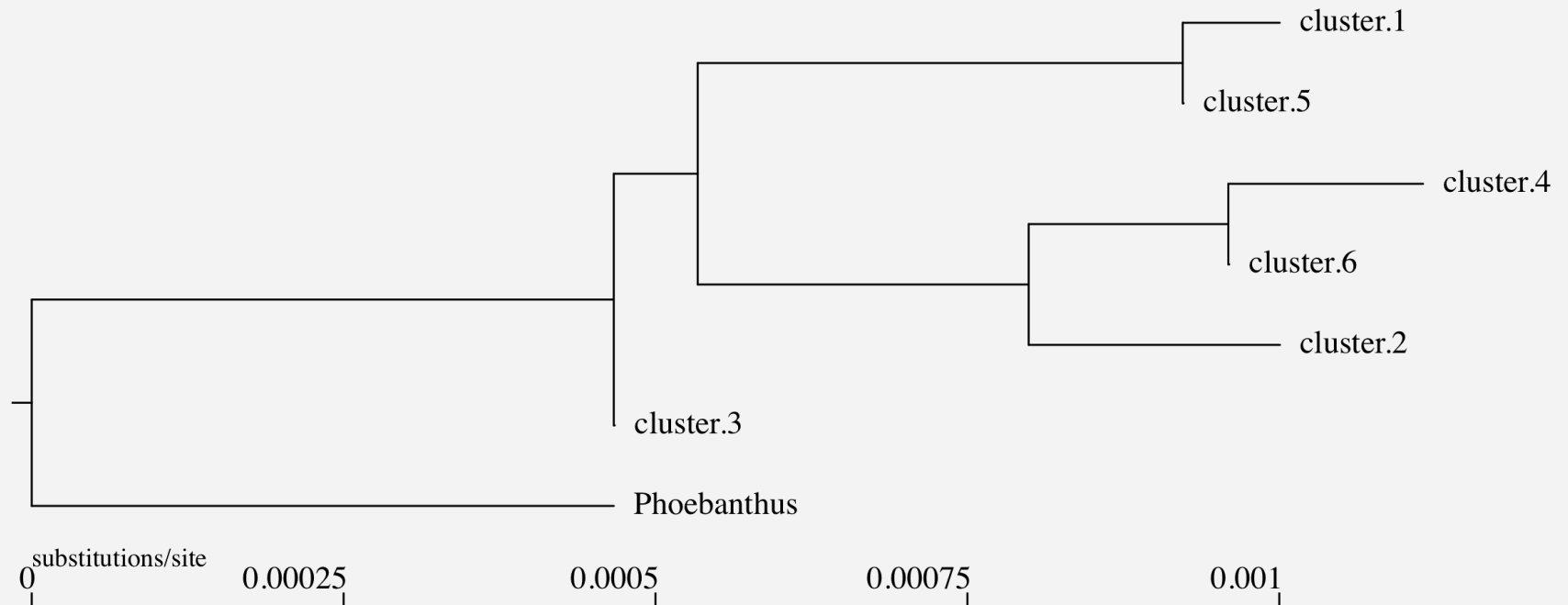


Greg Owens

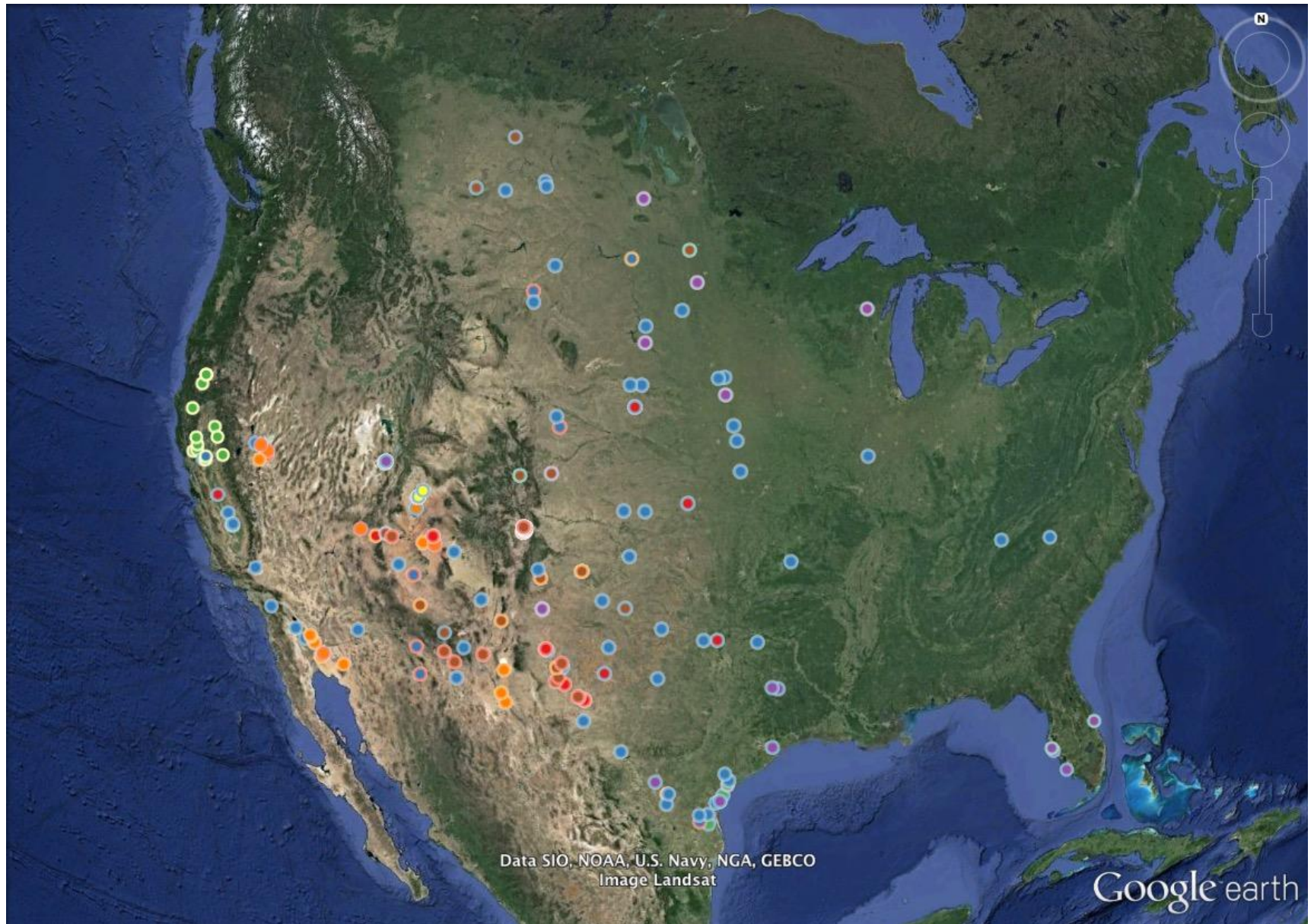
PCA: Cytoplasmic Genome of 297 Wild Sunflowers



# Sunflower CP Haplotype Consensus Phylogeny



## CP Genomes and Nuclear rDNA Haplotypes of 297 Wild Sunflowers



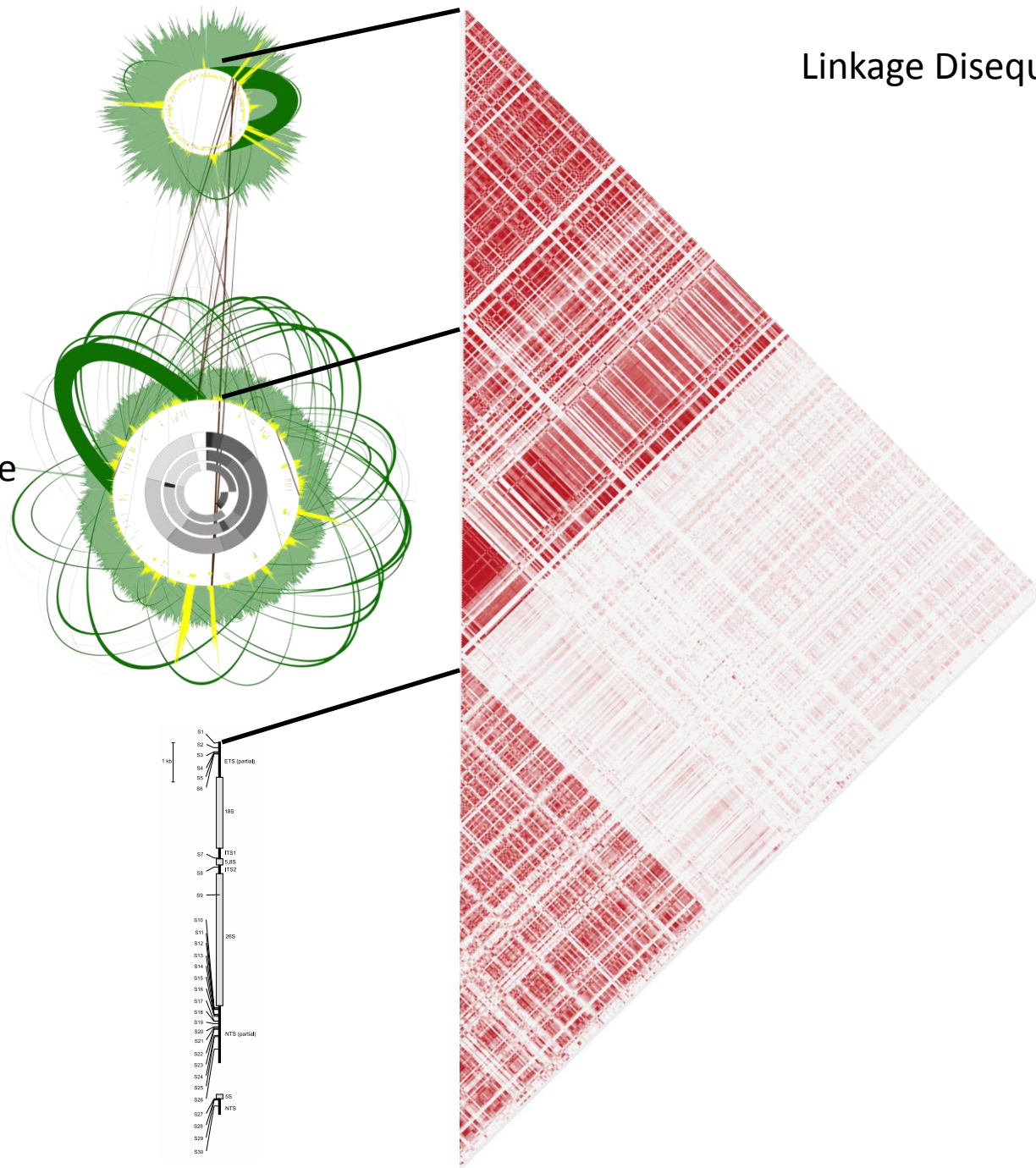


Plastid Genome

Linkage Disequilibrium

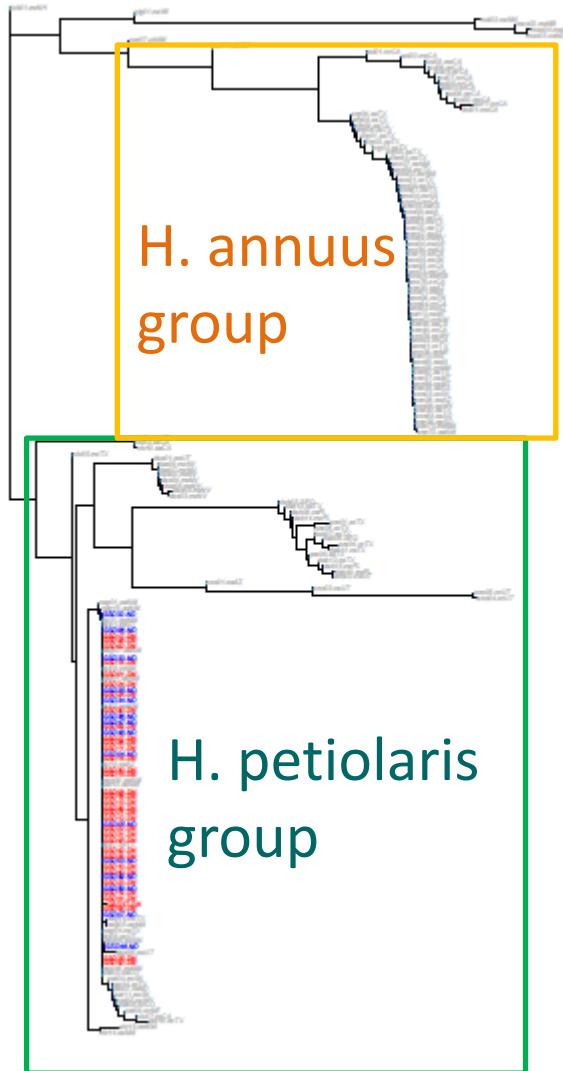
Mitochondrial Genome

Nuclear rDNA

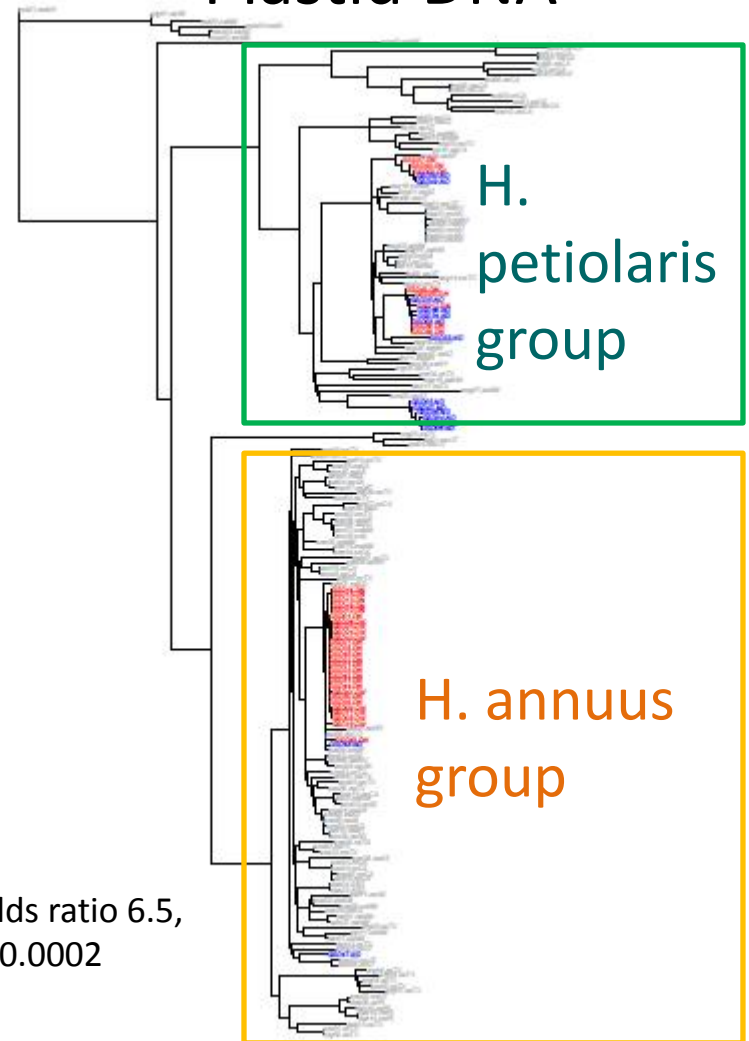


# Great Sand Dunes Ecotypes

Ribosomal DNA



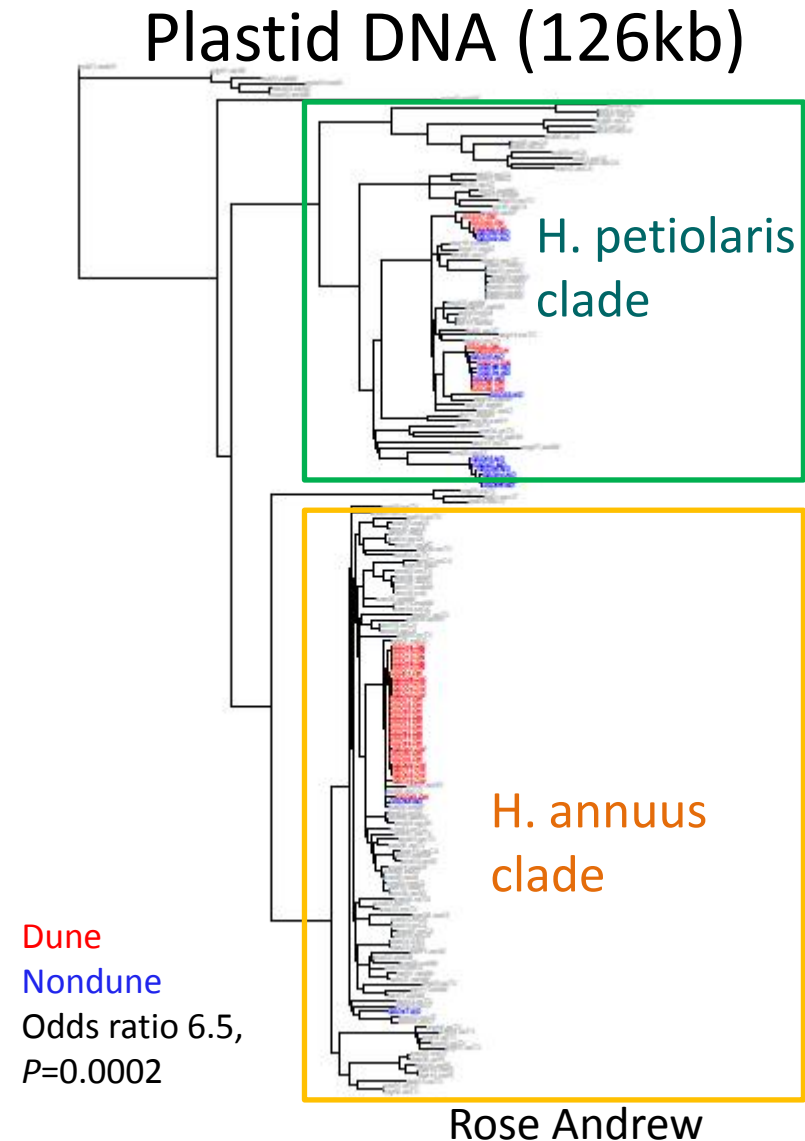
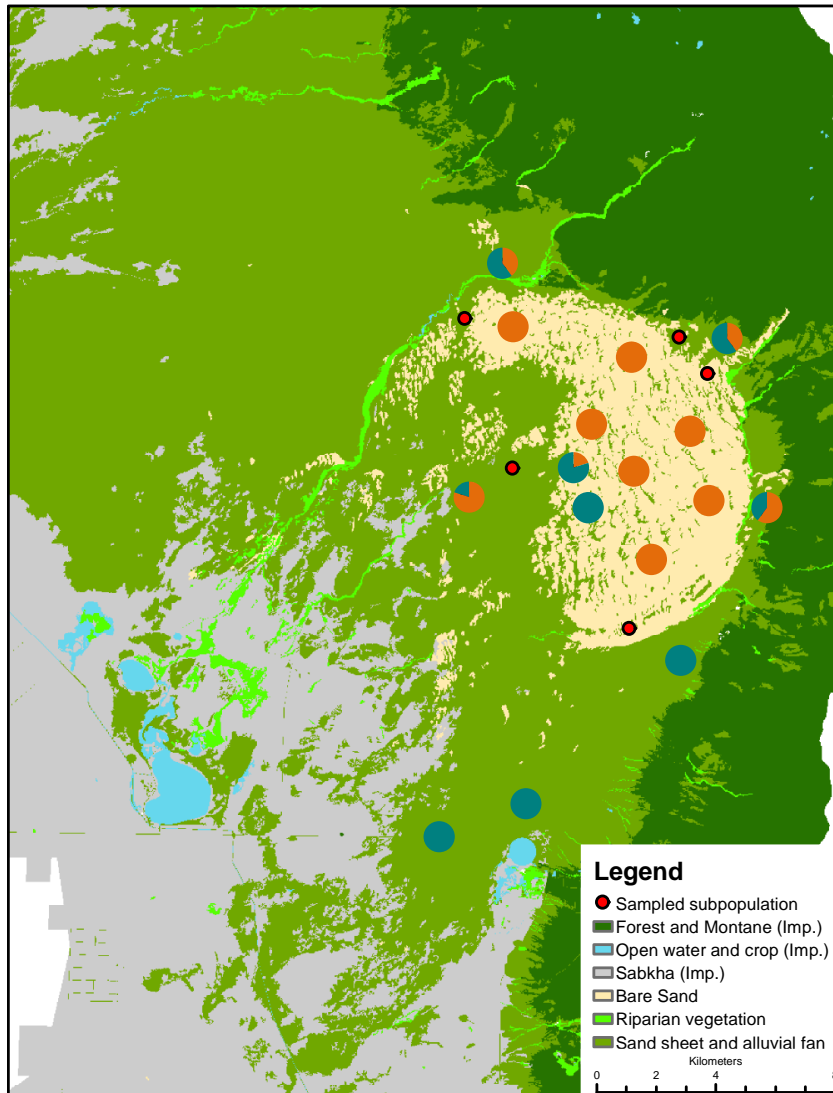
Plastid DNA



Odds ratio 6.5,  
 $P=0.0002$

Rose Andrew

# Genome skimming reveals local adaptation of cytoplasm



# Geographical variability of climate-based abiotic stress indices in the sampled ecotypes

