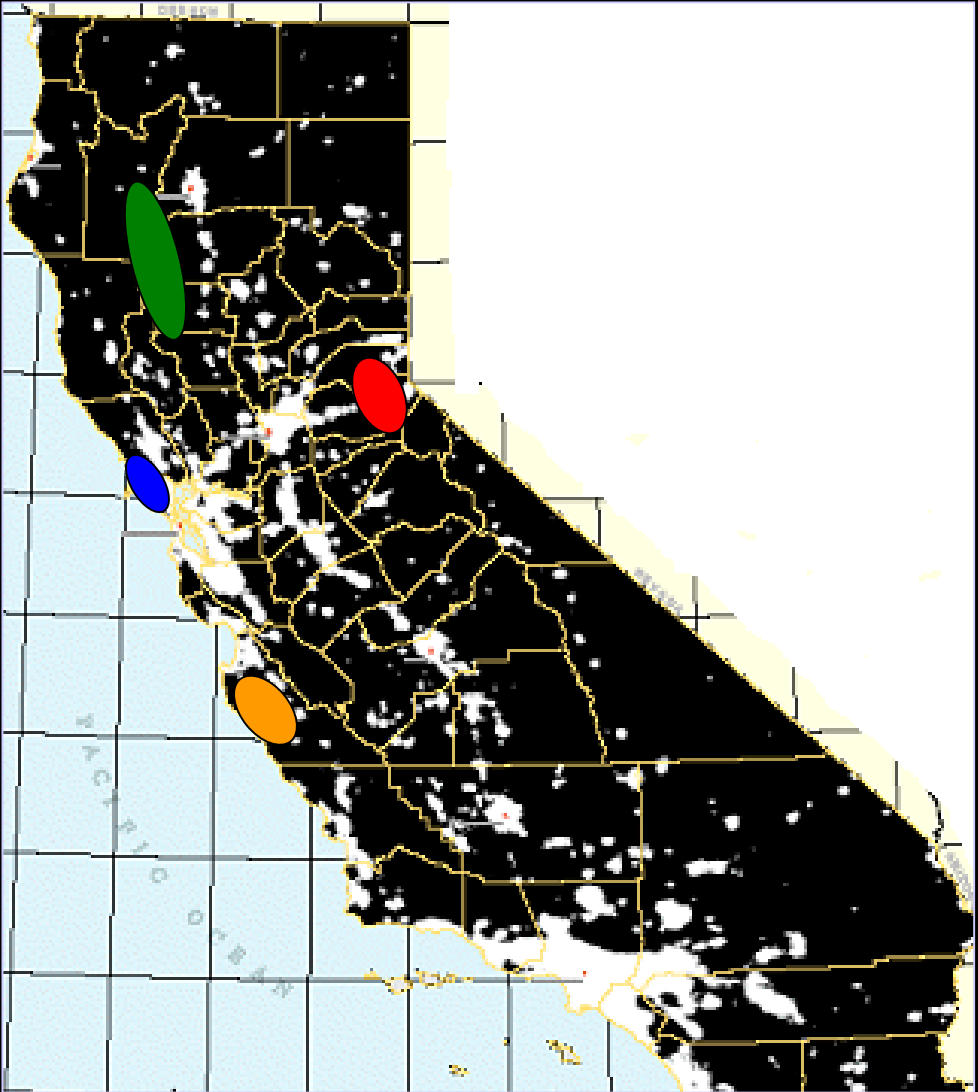


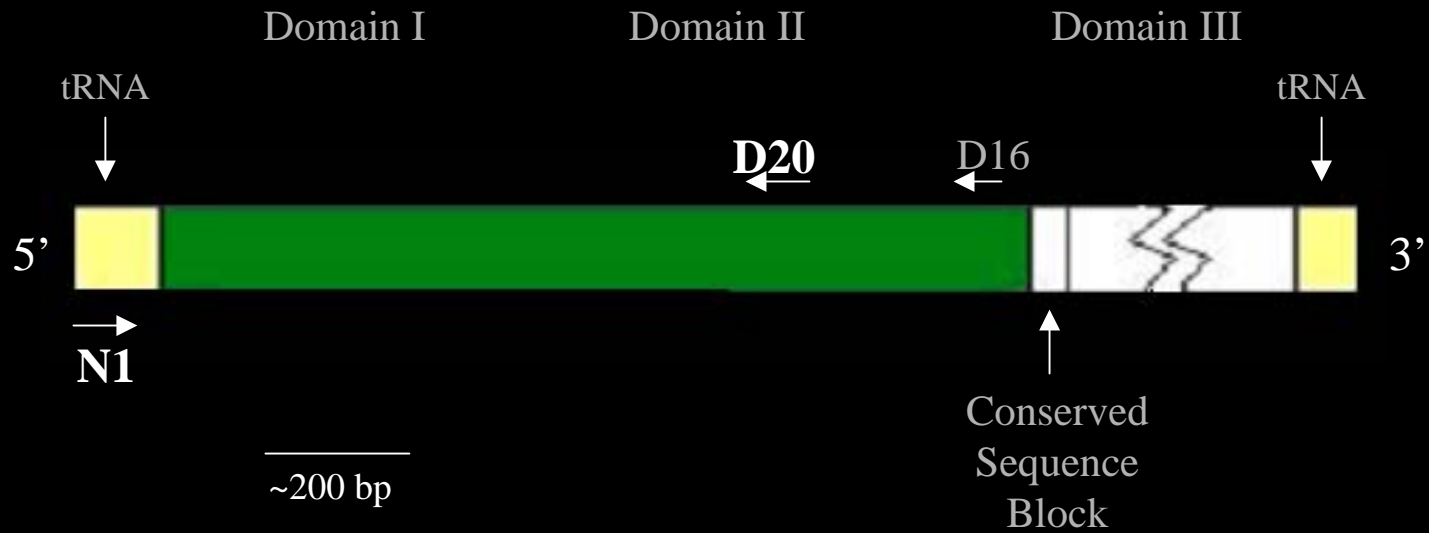
Mitochondrial DNA Sequencing of Northern and California Spotted Owl Populations

T.Chi, A. Henke, C. Brinegar, and J. Smith



Mitochondrial DNA Control Region

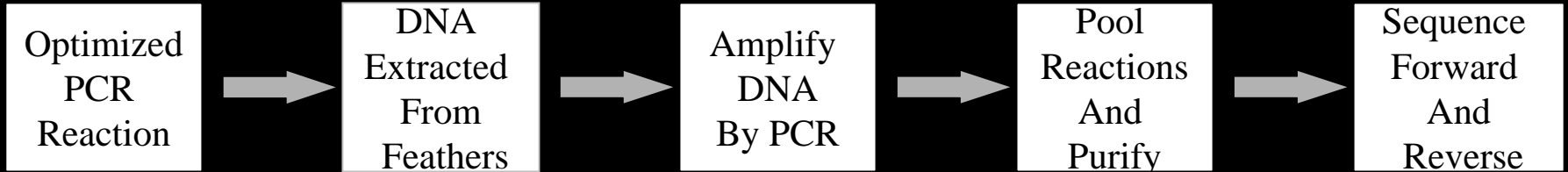
(Light Strand)



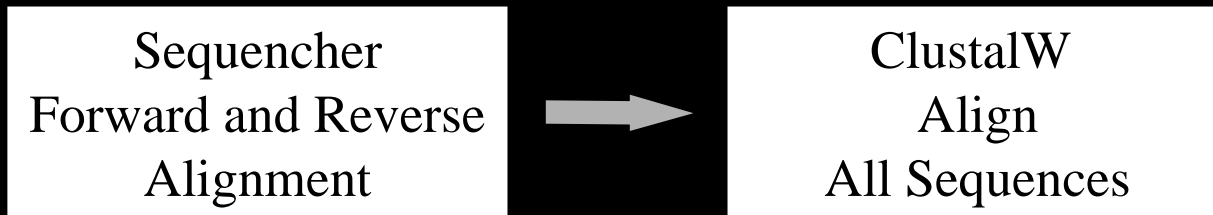
(Adapted from Barrowclough et al. 1999)

Methods

Laboratory



Processing Raw Data



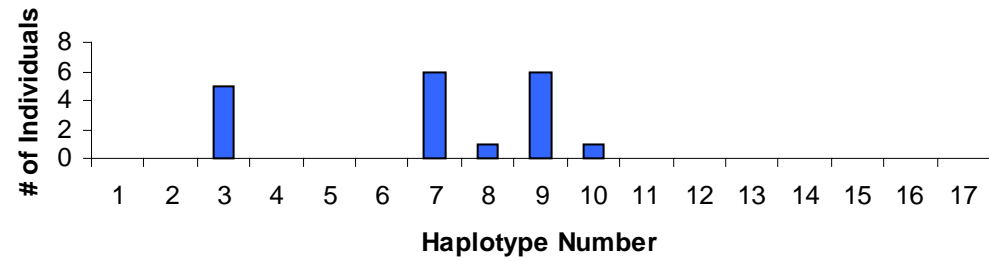
Haplotype Summary

Population	Sample Size (n)	No. of Haplotypes
Marin NSO (MAR)	19	5
Mendocino NSO (MNF)	19	8
El Dorado CSO (ELD)	14	6
Monterey CSO (MON)	8	1
Total	60	17 (some shared)

Haplotype Frequencies

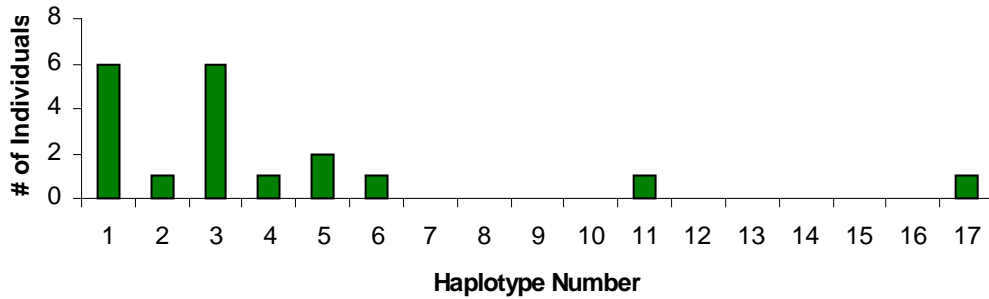
Marin NSO (MAR)

n = 19



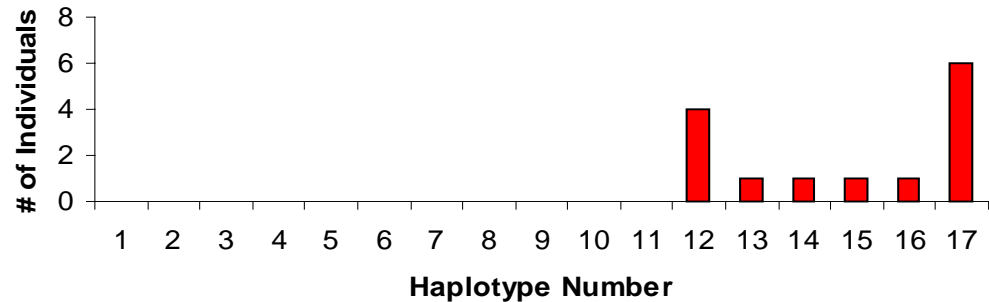
Mendocino NSO (MNF)

n = 19



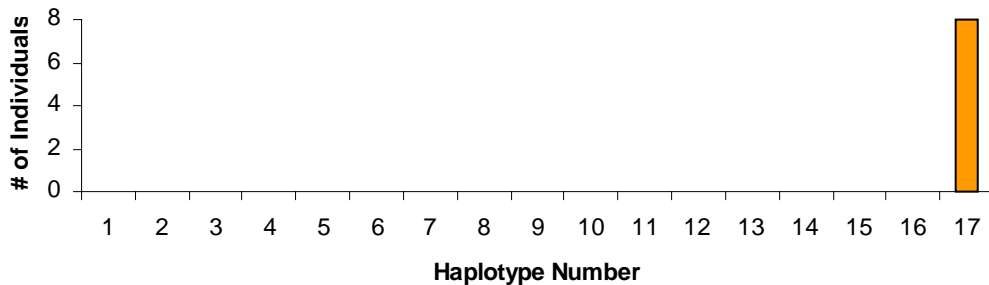
El Dorado CSO (ELD)

n = 14



Monterey CSO (MON)

n = 8



Marin (NSO)

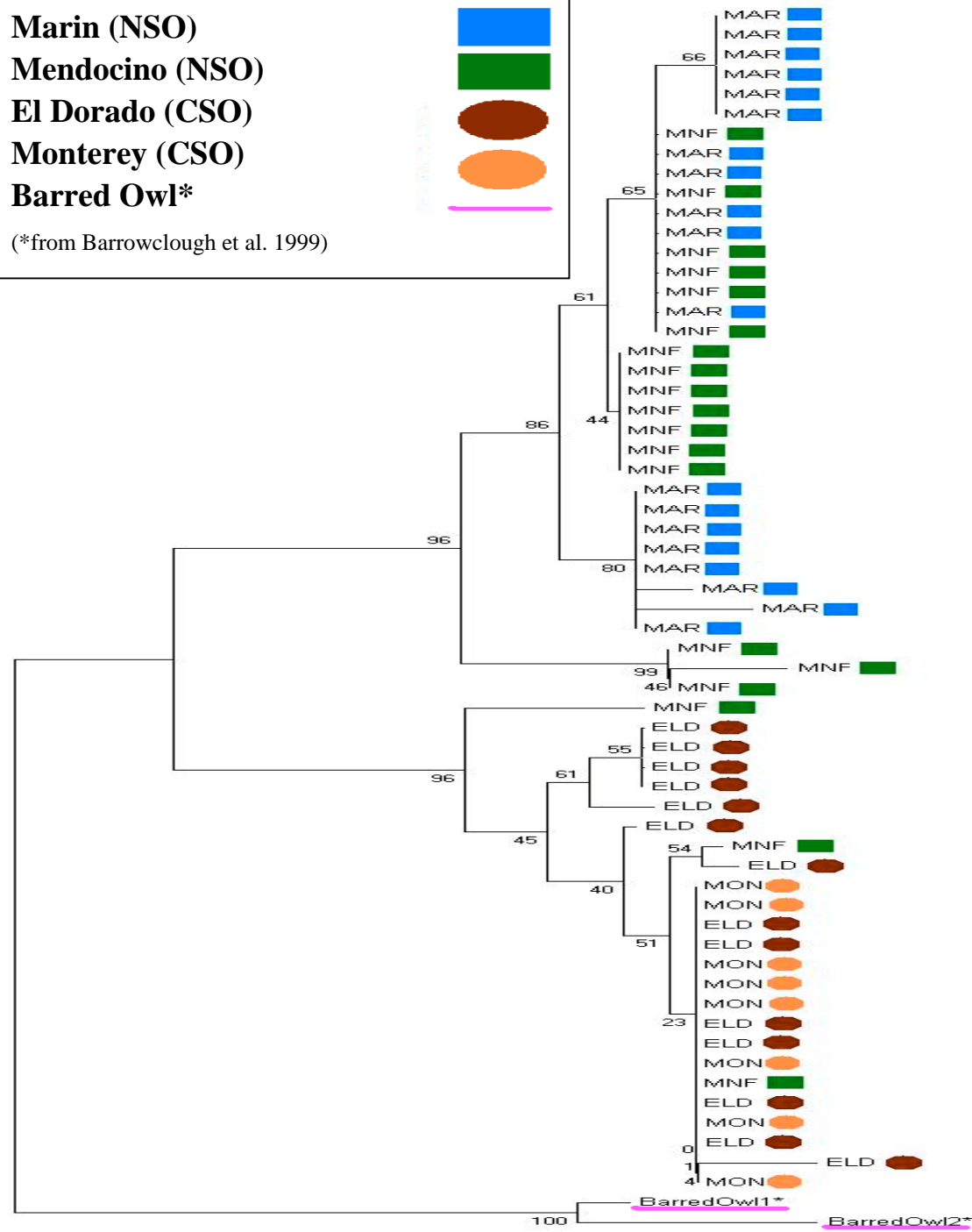
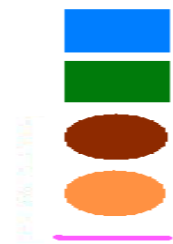
Mendocino (NSO)

El Dorado (CSO)

Monterey (CSO)

Barred Owl*

(*from Barrowclough et al. 1999)



0.005

Mt DNA Sampled Spotted Owl Populations

