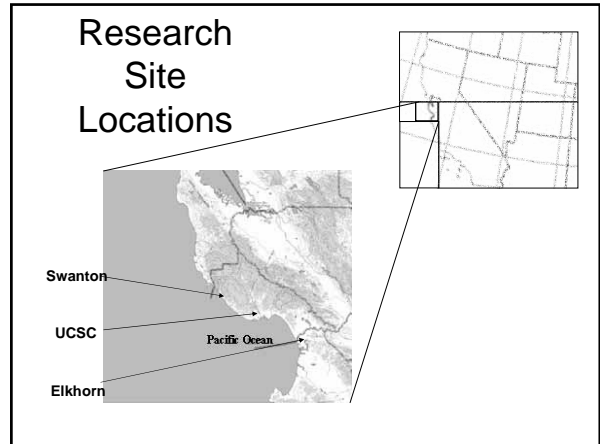


HOLOCARPHA MACRADENIA
RESPONSE TO EXPERIMENTAL
DISTURBANCE REGIMES

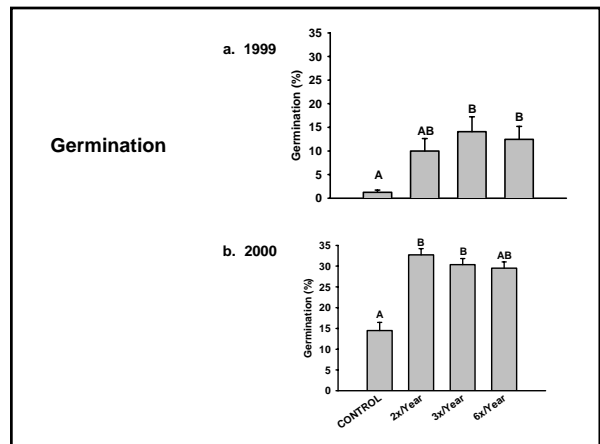
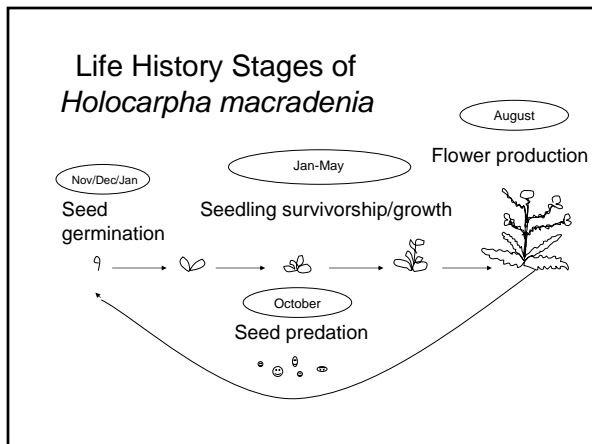
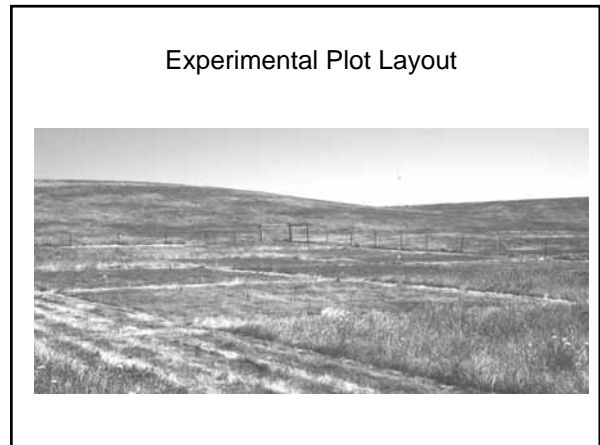
Grey Hayes, PhD
 Karen Holl, PhD

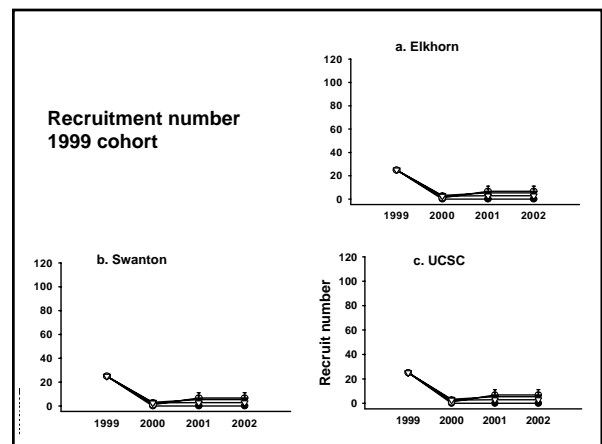
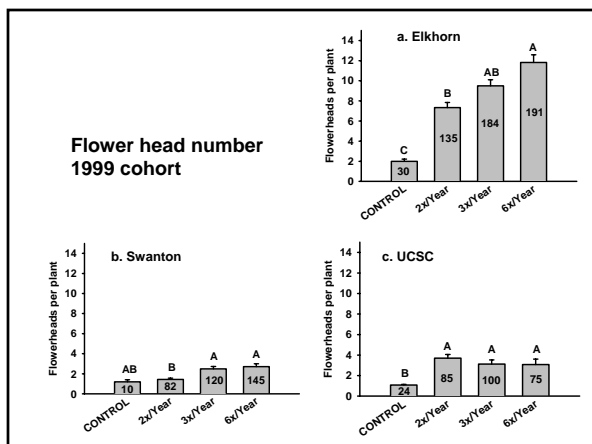
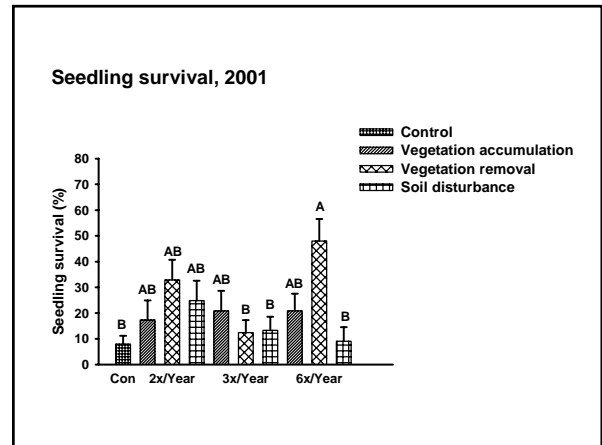
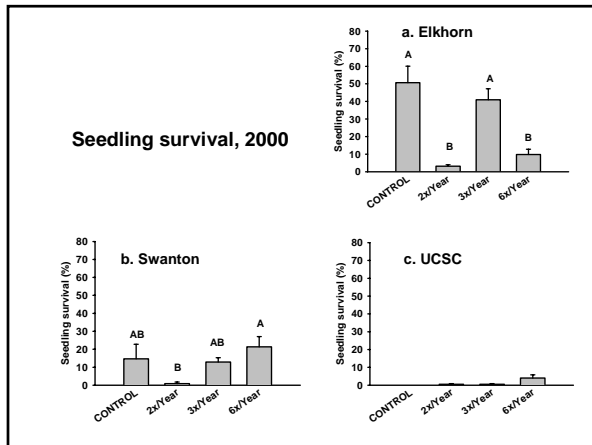
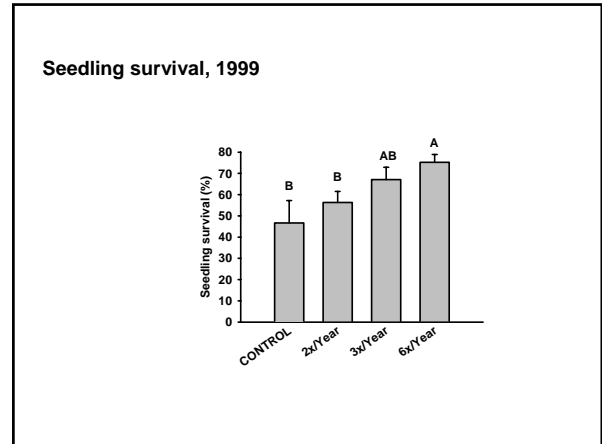
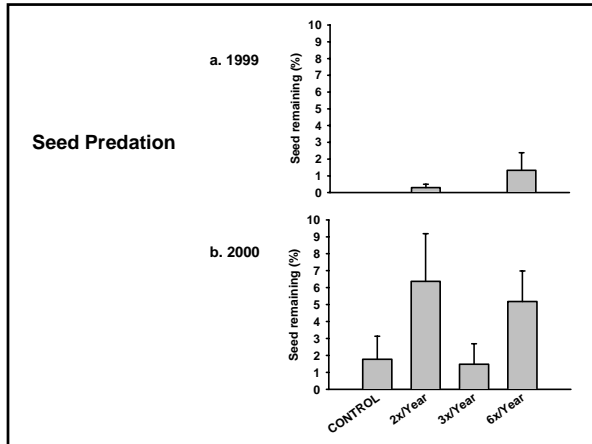
UC Santa Cruz
 Environmental Studies Department

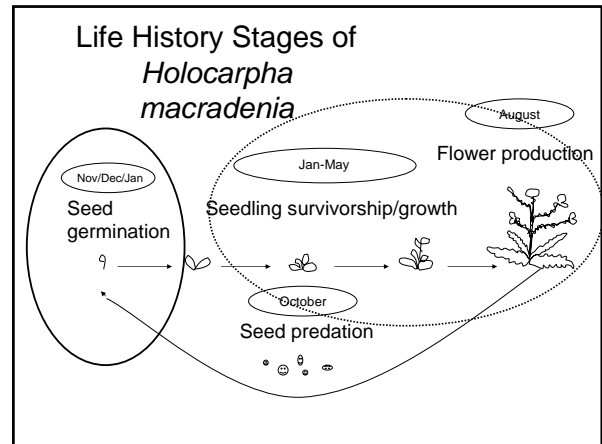
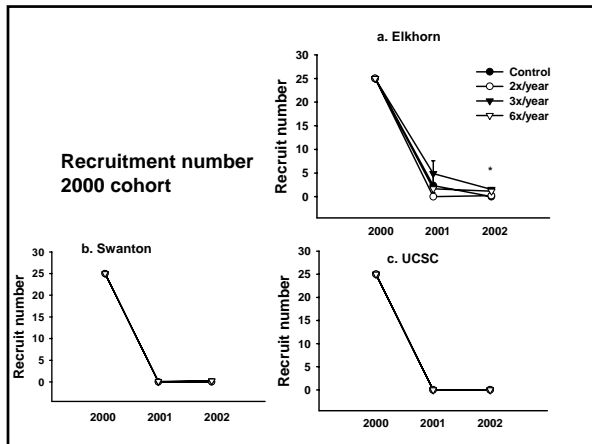


Experimental Design

Primary Disturbance Regime	Secondary Disturbance Regimes		
Vegetation Clipping	Litter	Rake	Soil Disturbance
2x/year: April/September	+	+	+
3x/growing season	+	+	+
6x/growing season	+	+	+
Control	+		







Conclusions

- Clipping increases germination
- Seedling survival highly variable
- Secondary disturbances may require more time
- Experimental populations
 - May require higher initial introduction numbers to be successful
 - May be difficult to predict appropriate habitat