

Name(s)	Project Number
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	S1203
Project Title The Effects of Grazing Species on Native Plants	
Abstract	
Objectives/Goals	
The purpose of our experiment is to find a link between animals grazing on a plot of land and the biodiversity of pative plants on that plot. Non pative/invesive plant engages are endengering pative plant.	
biodiversity of native plants on that plot. Non-native/invasive plant species are endangering native plant species in the Wind Wolves area. If we can reduce the amount of invasive plants by having animals graze	
on that area then we can fix the environment at wind wolves.	
Methods/Materials	
We measured out a five meter radius circle with a tape measure. Then we identified and tallied each	
species. Repeats were included. Then we measured biodiversity with the Simpson's index. Results	
Our results indicated that grazing species have a positive effect on native plant species. But the grazing	
species has had a negative effect on the total biodiversity as a whole.	
Conclusions/Discussion	
The importance is that this would allow for a return of native plant species and positively affect other	
endangered species of the environment. This would also help get rid of invasive plants which burn easily	
and are one of the main causes of wildfires.	
Summary Statement	
We measure the effect that grazing has had on plant biodiversity and see how that has affected native and	
invasive plant species.	
Help Received	
We received help from a plant biologist at Windwolves Preserve named Brooke Wainwright.	