

# Goats in the Garden Sustainable Grazing for Ecological Restoration and Land Management

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Before



After

## Why?

Remove/suppress target species to facilitate management, increase diversity, & improve habitat at Native Texas Boardwalk (NTB). Using goats saves on labor costs, reduces chemical usage & noise pollution, & educates guests.

## Species Richness



Whole area more species-rich than transect average...

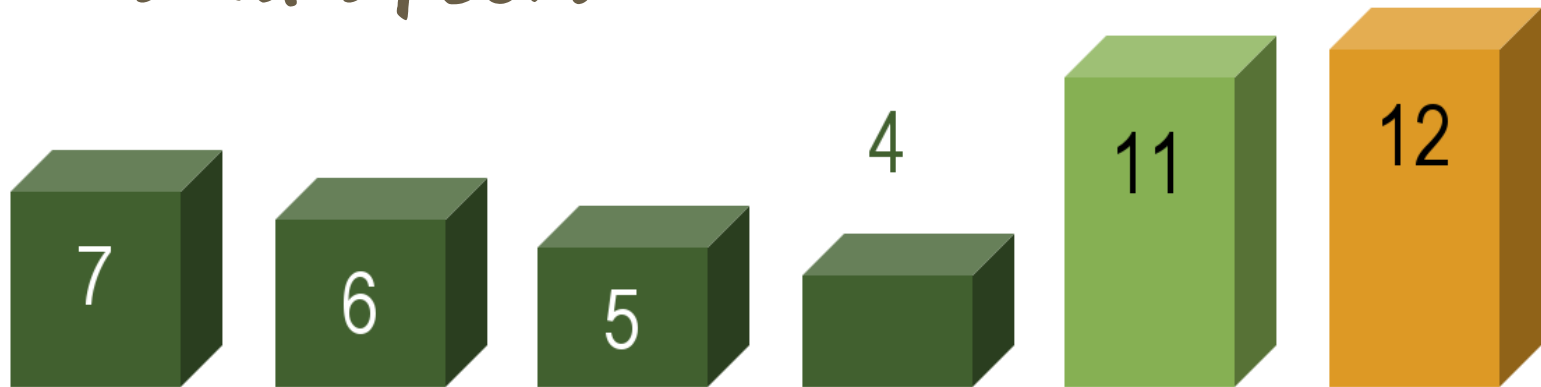
...NTB is diverse!

Before...

Goats did their job so richness decreased...

...system should rebound over time!

...and after!



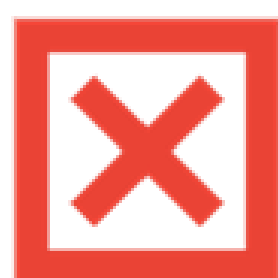
## Target Species Eaten?



wild rye  
(*Elymus*)



privet  
(*Ligustrum*)



wintercreeper  
(*Euonymus fortunei*)



heavenly bamboo  
(*Nandina domestica*)



greenbriar  
(*Smilax*)



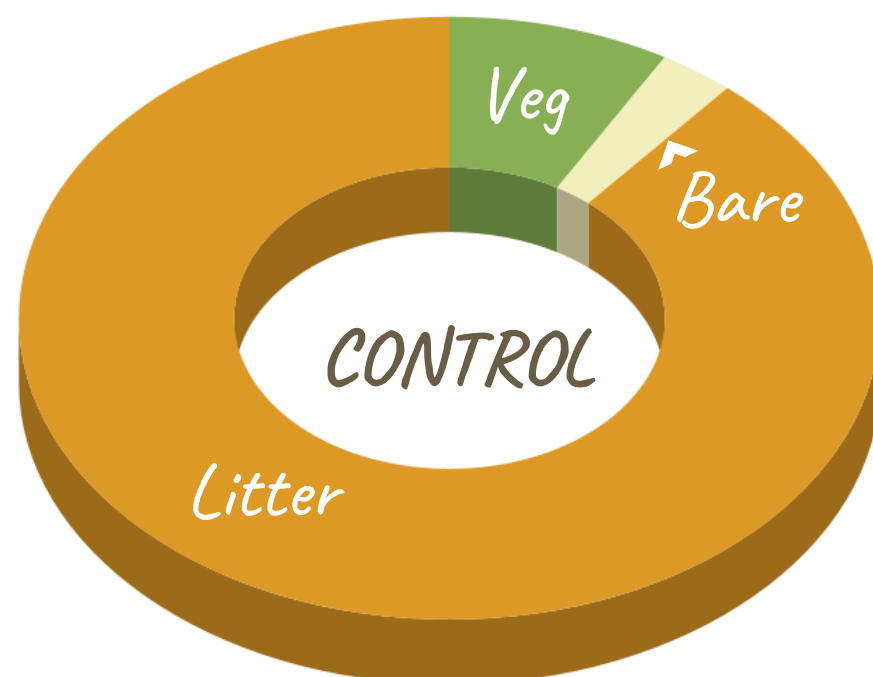
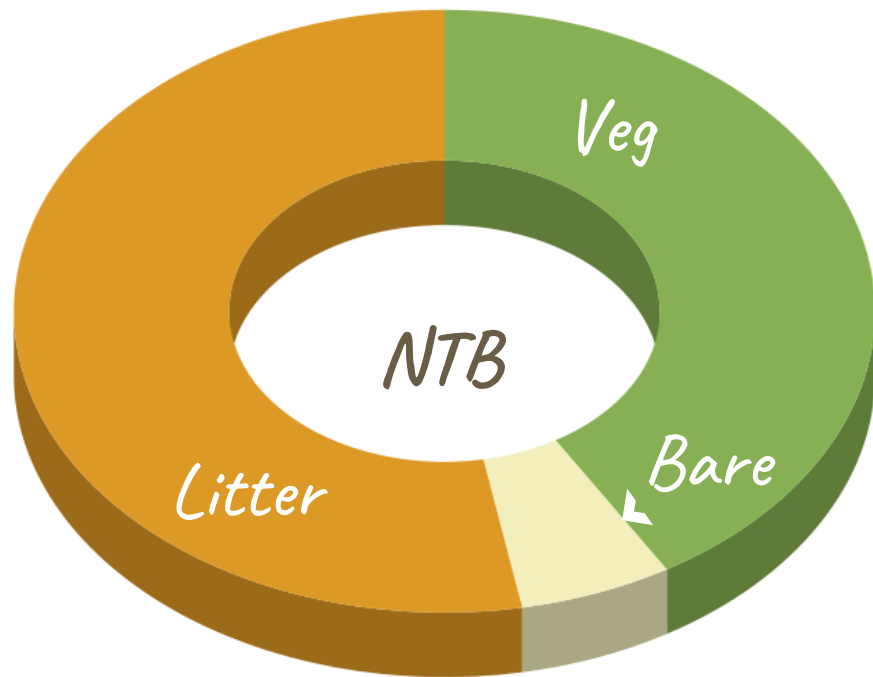
cherry laurel  
(*Prunus caroliniana*)

Goats in action!



More details here!

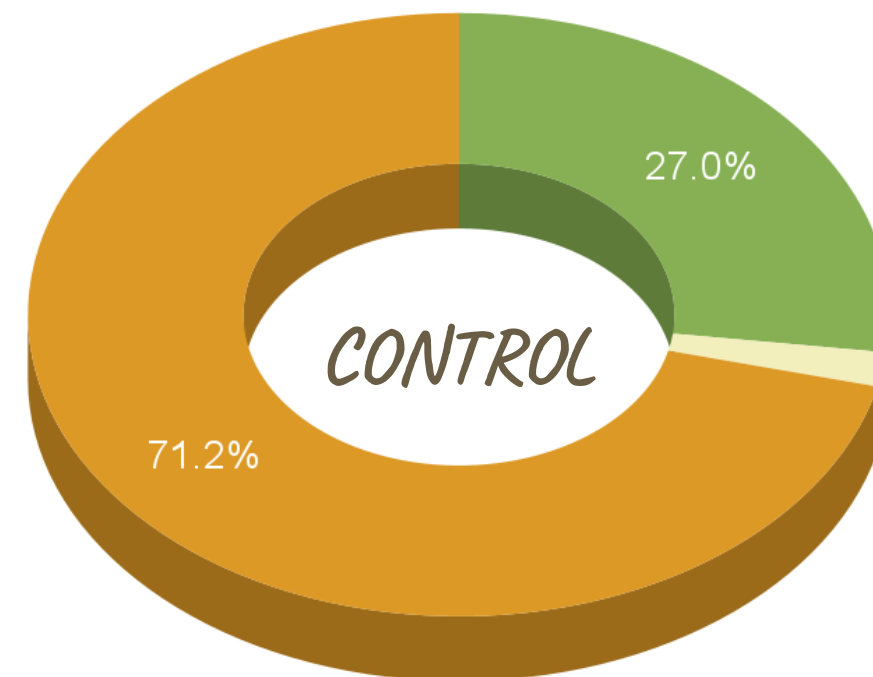
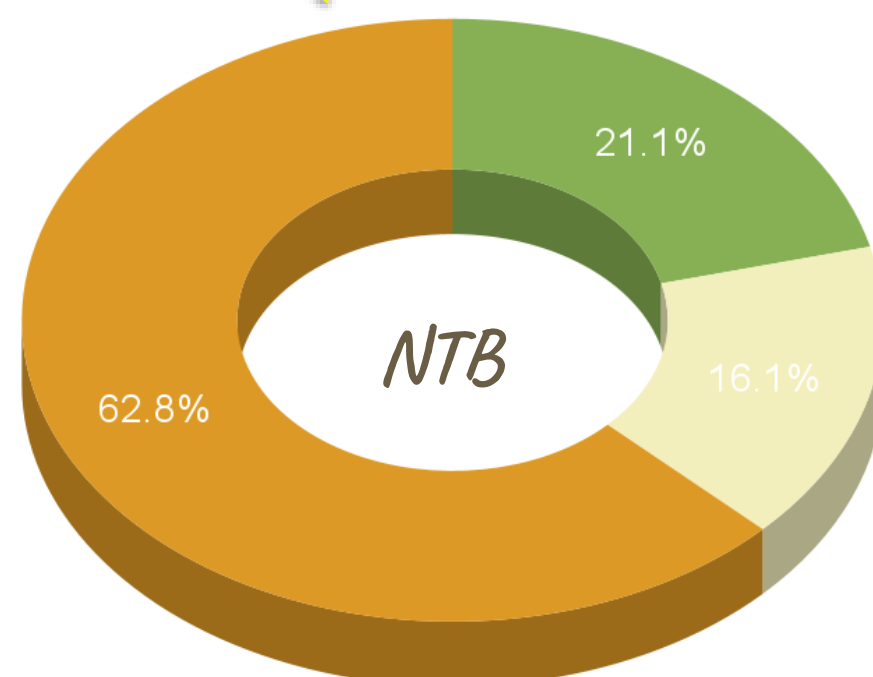
## Vegetative Cover



Before...

Goats exposed more litter & bare ground by eating the plants!

...and after!



In the absence of goats, veg cover will normally increase in the Spring!