

**Nursing the Swazi Lily or throwing shade?  
Assessing plant-plant interactions between  
*Euclea divinorum* and *Adenium swazicum* in  
Kruger National Park.**

**Liezl Retief**

Abigail Dowries, Mia Kirkman, Holly Kellett, Dev Mukundan, Cecilia Wagner, Zingfa Wala,  
Josephine Pegg, Corli Wigely-Coetsee

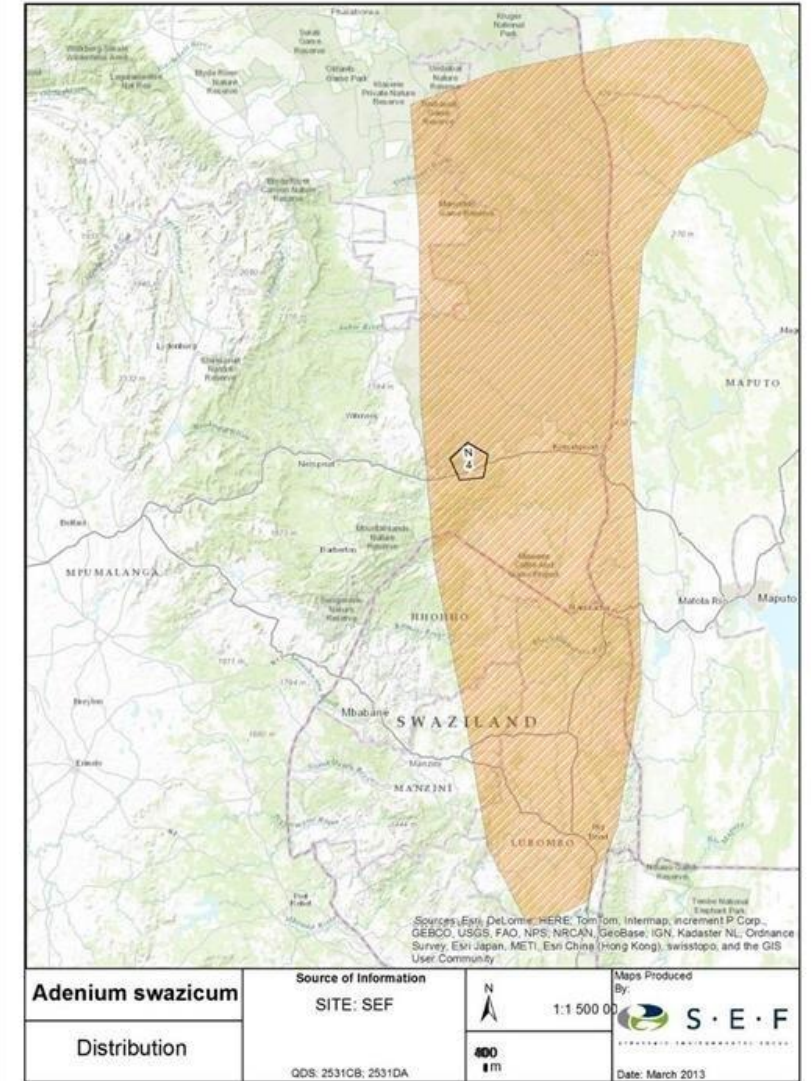


**Organization for  
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NATIONAL PARKS**

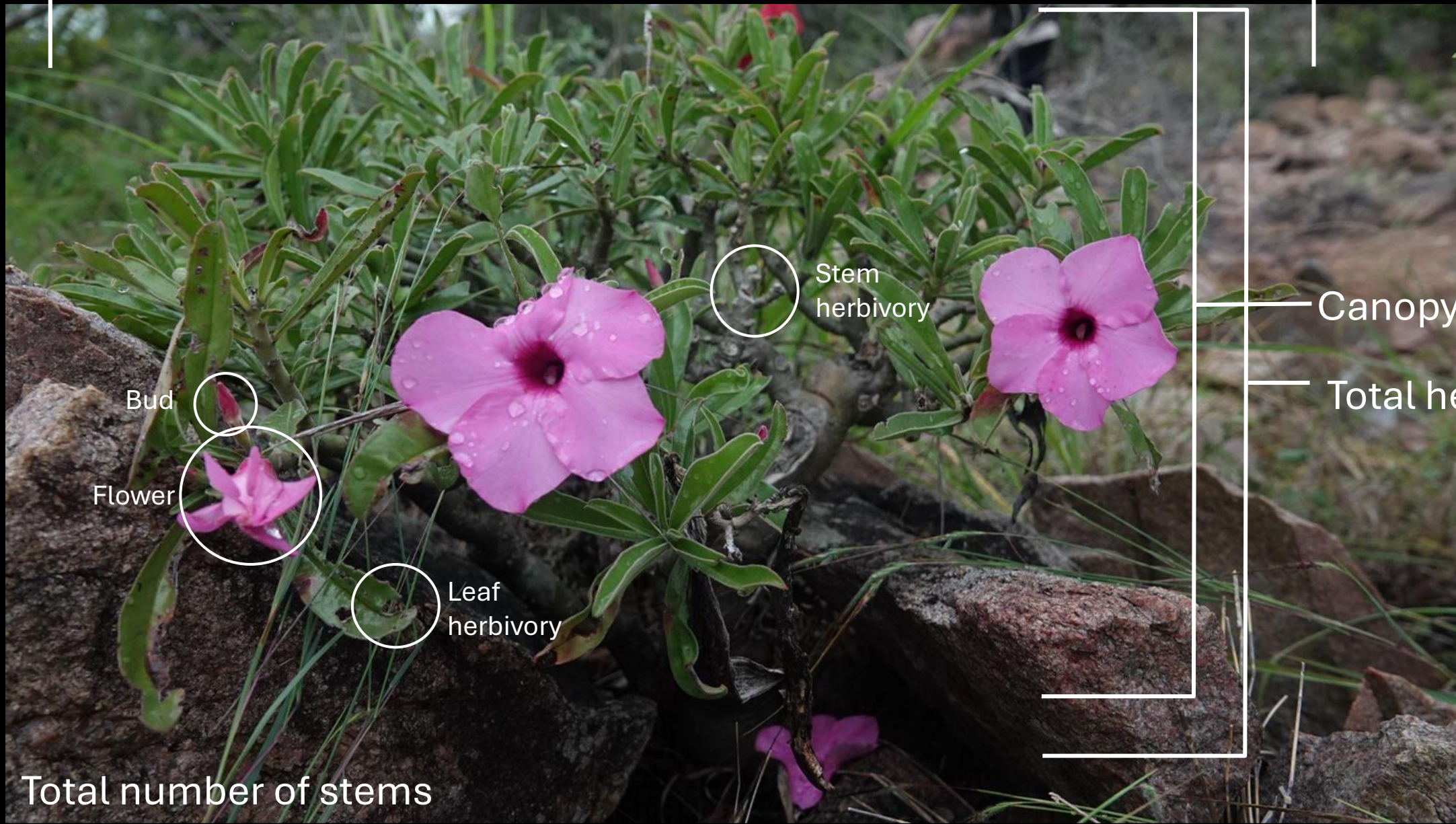
# *Adenium swazicum*



Nurse-plant  
relationship?



Canopy width



Bud

Flower

Leaf herbivory

Stem herbivory

Canopy height

Total height

Total number of stems

Canopy width



Canopy height

Total height

Bud

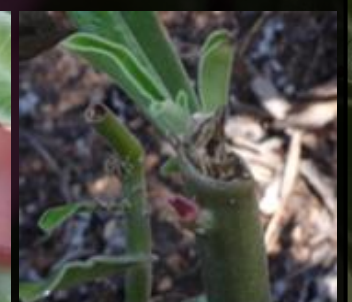
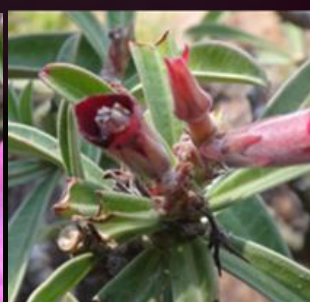
Flower

Stem herbivory

Leaf herbivory

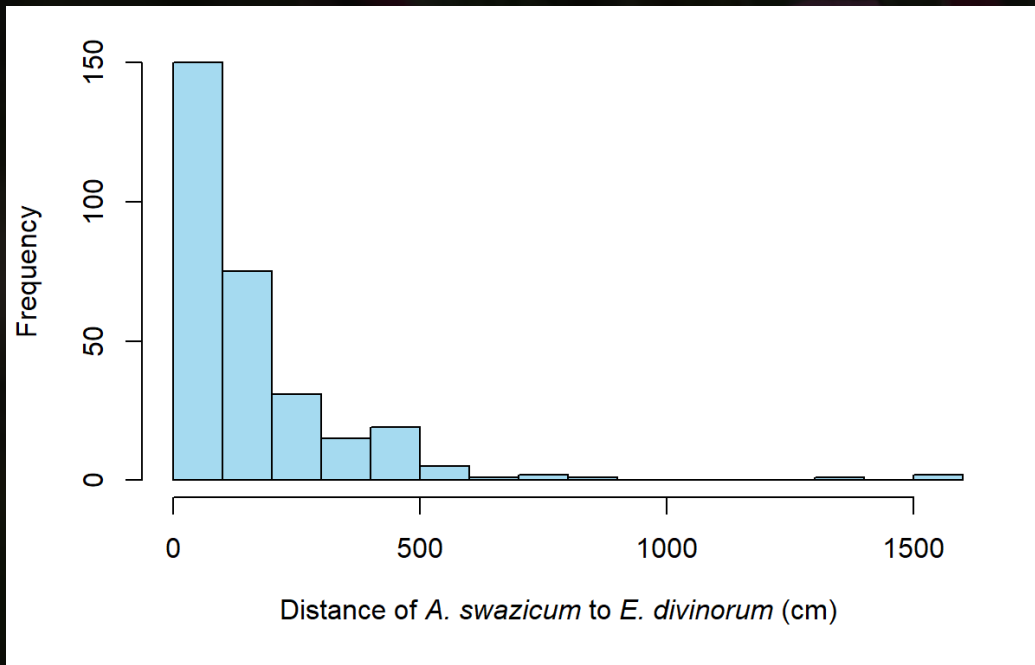
Total number of stems

# Evidence of herbivory

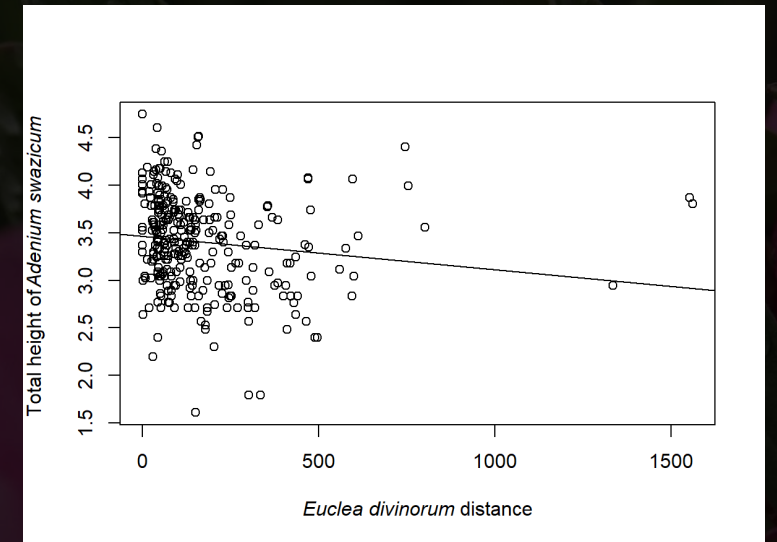
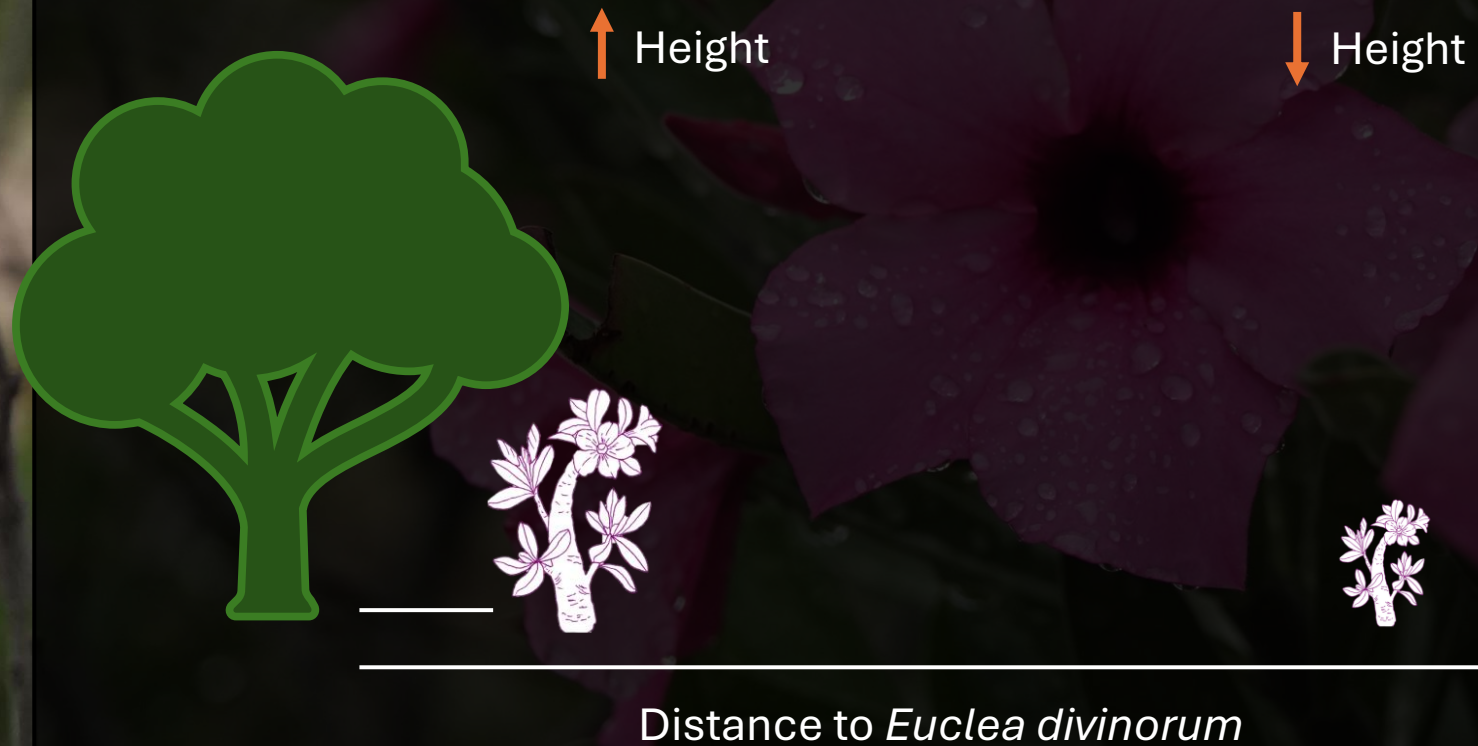




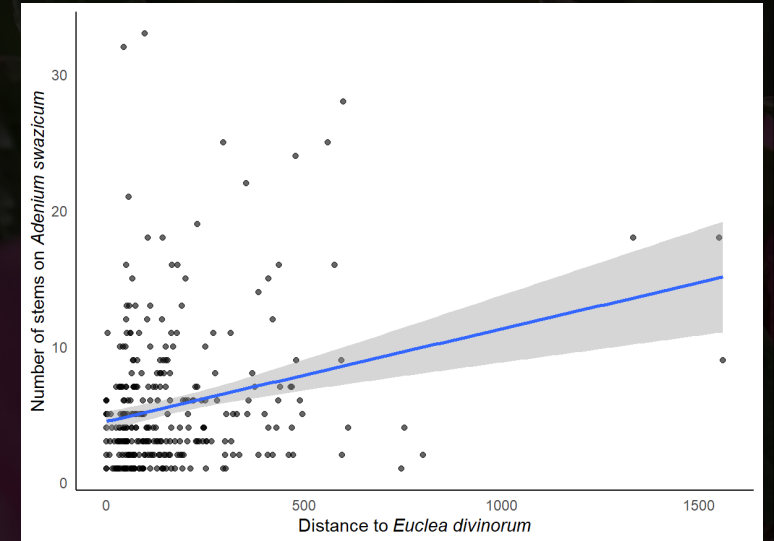
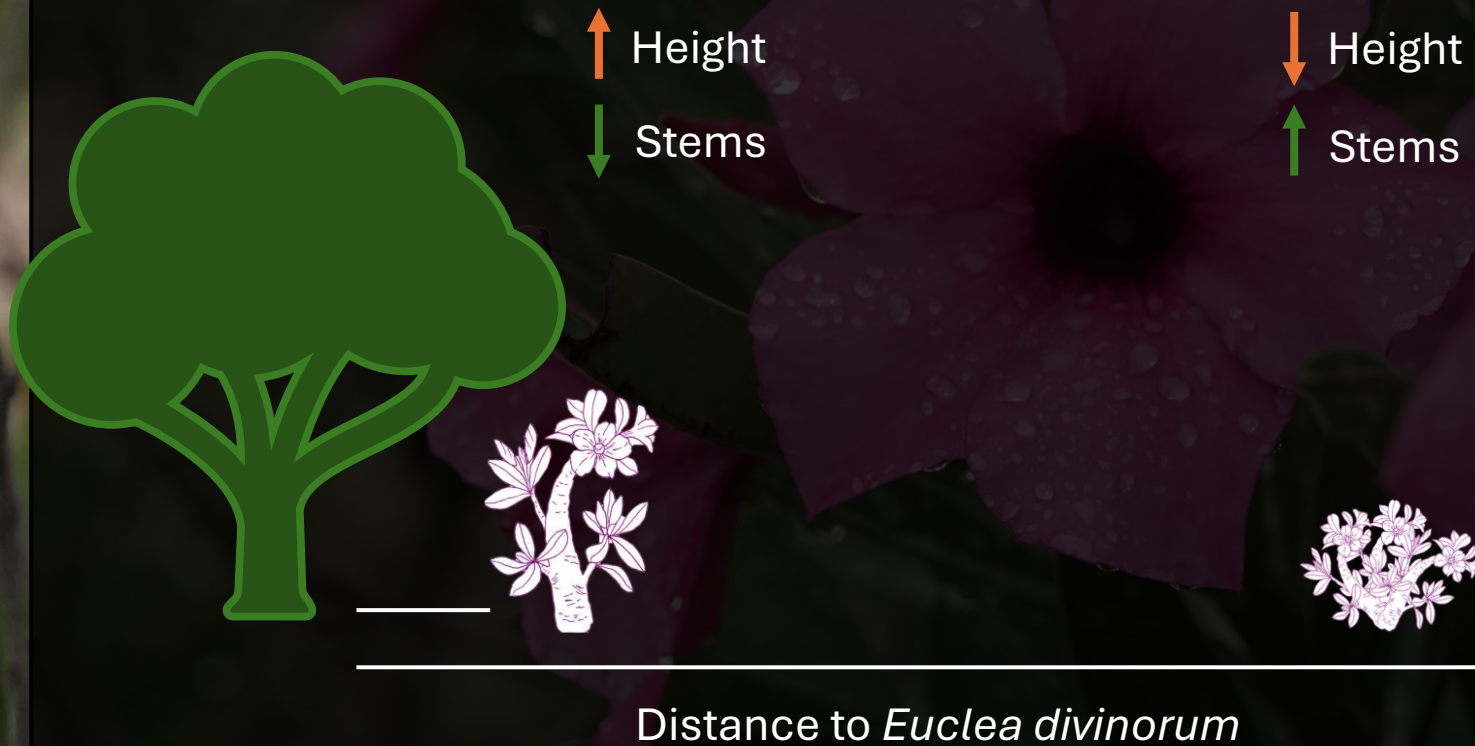
# Distribution of *Adenium swazicum*



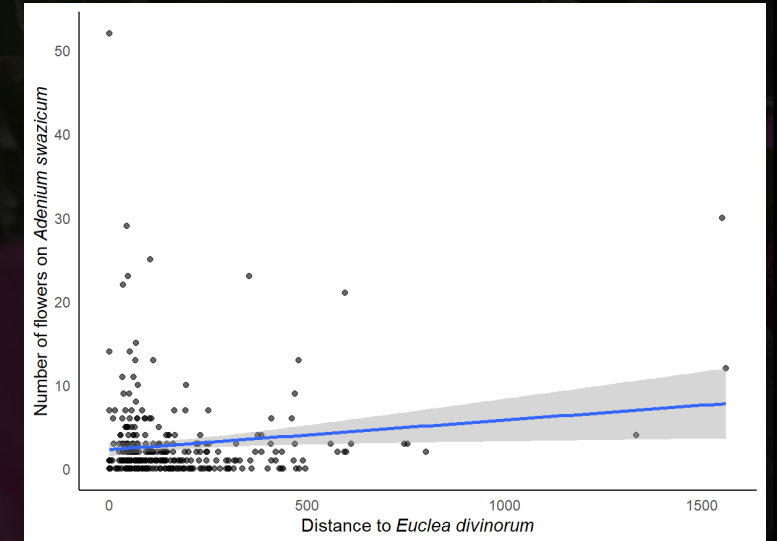
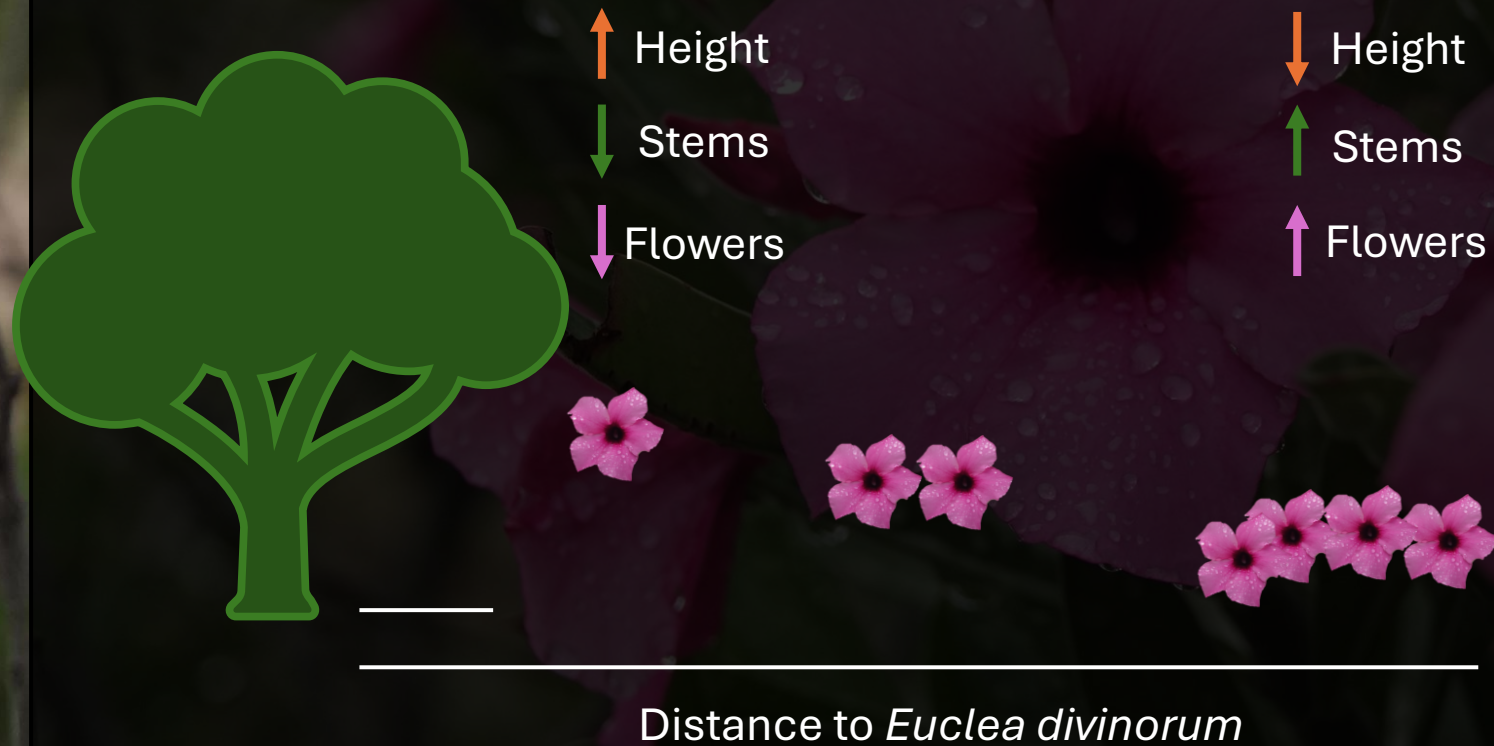
# Influence of distance to *E. divinorum* on *A. swazicum* traits: Height



# Influence of distance to *E. divinorum* on *A. swazicum* traits: Stems



# Influence of distance to *E. divinorum* on *A. swazicum* traits: Flowers



# Influence of percentage *E. divinorum* on *A. swazicum* traits: Height



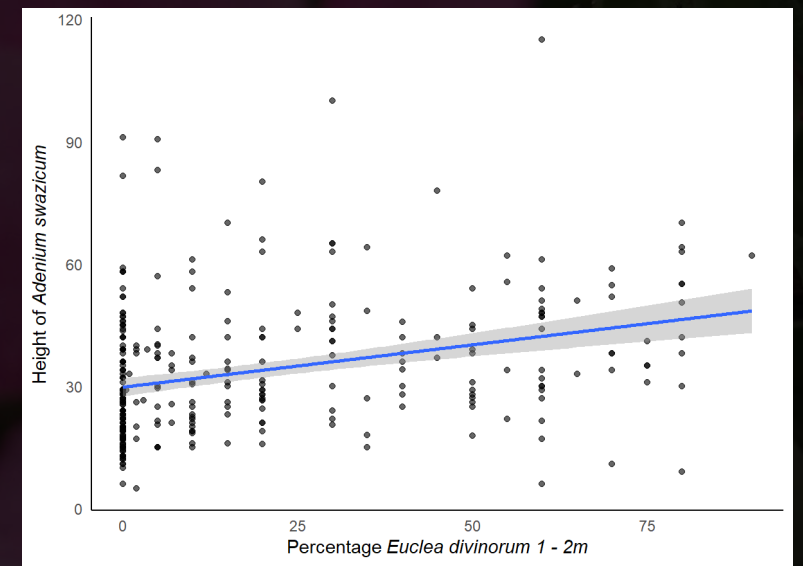
↑ Height



↓ Height



Percentage *E. divinorum* shade at 1 – 2 m



# Influence of percentage *E. divinorum* on *A. swazicum* traits: Stems



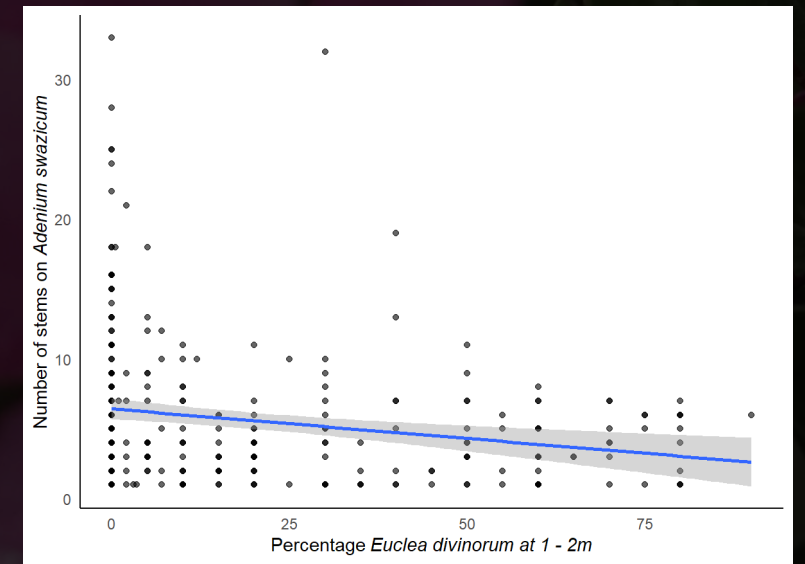
↑ Height  
↓ Stems



↓ Height  
↑ Stems



Percentage *E. divinorum* shade at 1 – 2 m

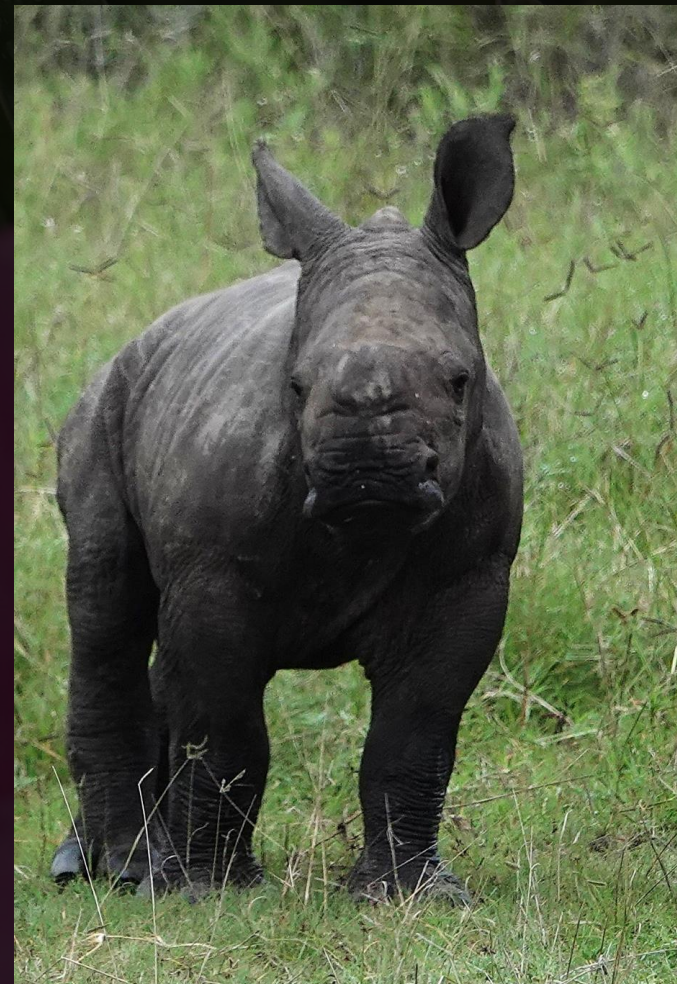


# Herbivory?

- No relationship between distance to *E. divinorum* and herbivory.
- No relationship between percentage *E. divinorum* cover and herbivory.



# Conclusion?



# Thank you!

