

Creosote Bush

- Taylor Cawley & Jonathan Leslie



The Problem

- Some plants aren't shaped to survive in the desert.
- The Creosote Bush survives with its long roots that can tap into water reserves under ground.
- Using its small waxy leaves it can seal in water.
- What makes a drought resistant plant?



Why is it important

- So scientists can learn how the bush's structure helps it survive in the desert.
- So they can figure out how to make other plants survive in harsh conditions.



How can we help

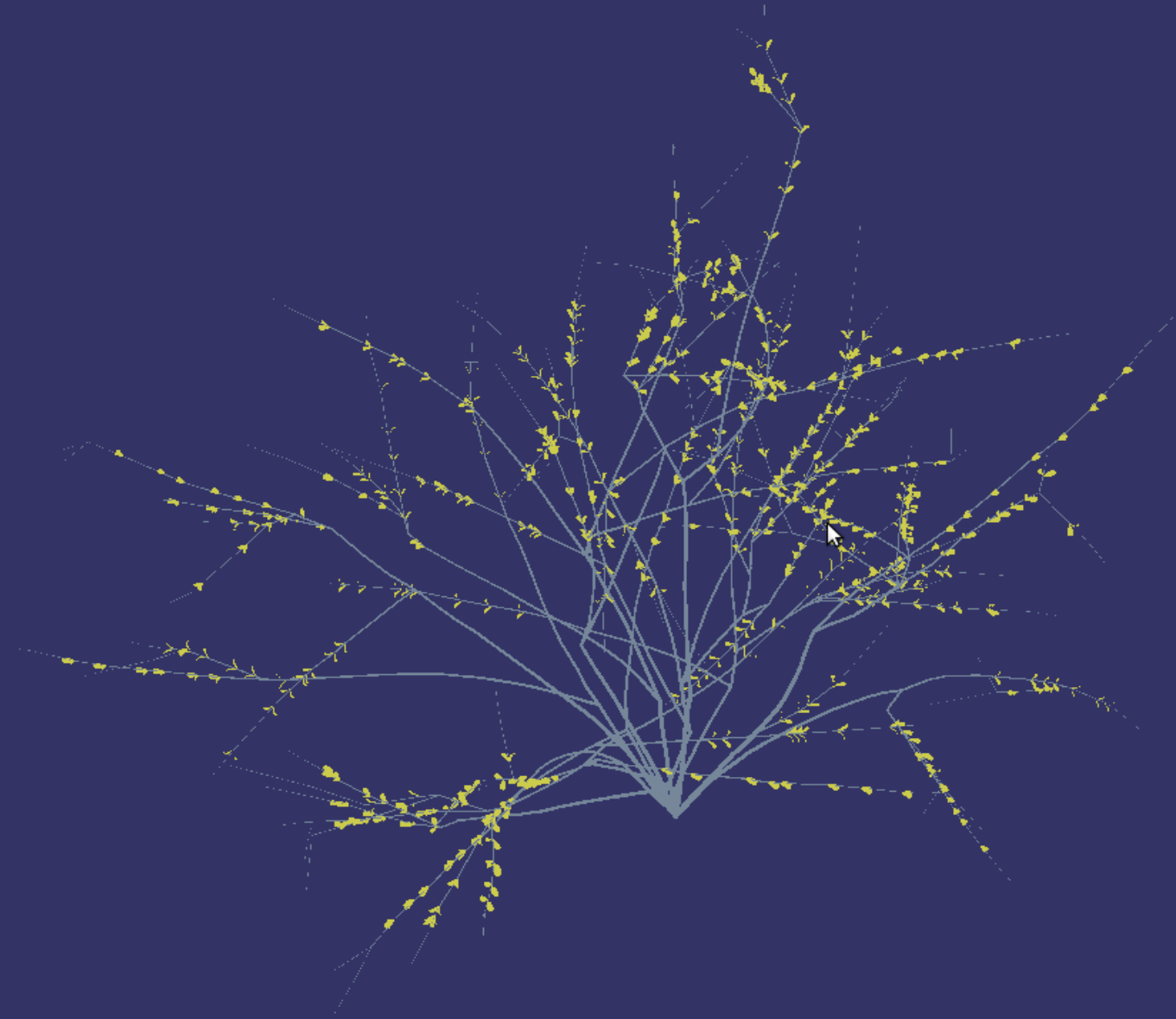
- Computer scientists can make 3d models of the plants using the data we have collected.



Data/Model

- We took a series of pictures of the creosote bush.
- We set parameters to model how the creosote bush grows.





Thank you

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