THE STICKIEST SAP

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Intro

- Why do trees have sap?
- The 5 most common coniferous trees are Red Fir, Lodgepole pine, White fir, White pine, and Jeffery pine.
- Coniferous trees are trees with cones.
- Trees use sap to protect themselves from insects or other prey.

Our Hypothesis

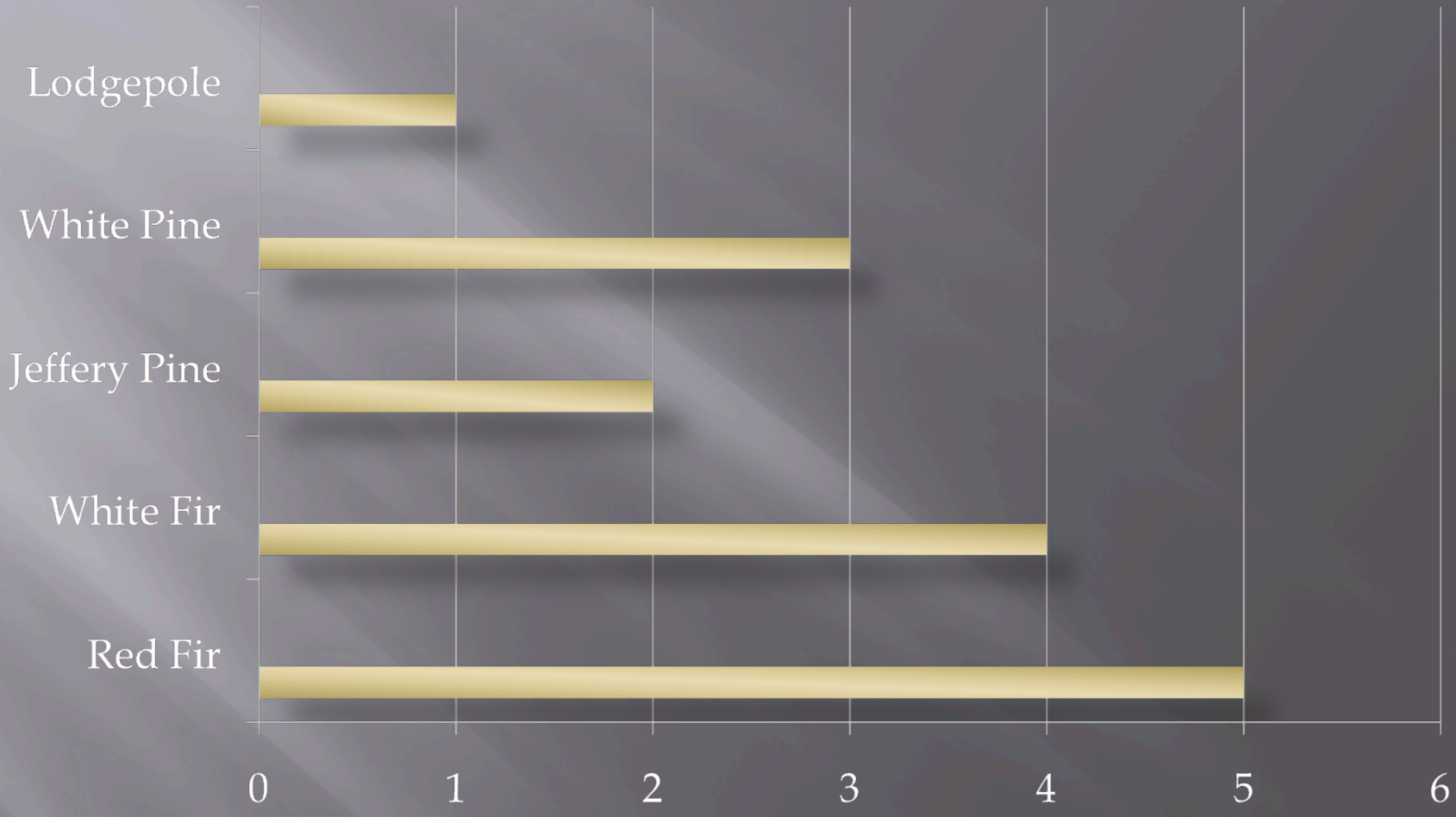
- Our hypothesis is that the Red Fir has the stickiest sap because this tree lets out a lot of sap.

- If the Red Fir is the stickiest then it will smell the strongest.

Methods

- First, we took sap from the 5 trees.
- We smelled each sap to compare scent.
- Next, we tried melting what was not melted in boiling water.
- And when that did not work, we melted the sap in the microwave.
- Finally, we dipped our fingers into the sap, and felt which one was the stickiest.

Results



Smell: Jeffery=Salty/vinegar, Red Fir=Sweet/salty, White Fir=Christmas, White Pine=Candy/Smarties, Lodgepole=Dark Christmas

Conclusions

- We concluded that the Red Fir has the stickiest sap, White Fir.
- Some of us also thought the Red Fir smelled the strongest, but not everyone agreed.
- Sap is important for scientist, for fun and for information. It also saves trees, which helps us breathe, which actually saves us.