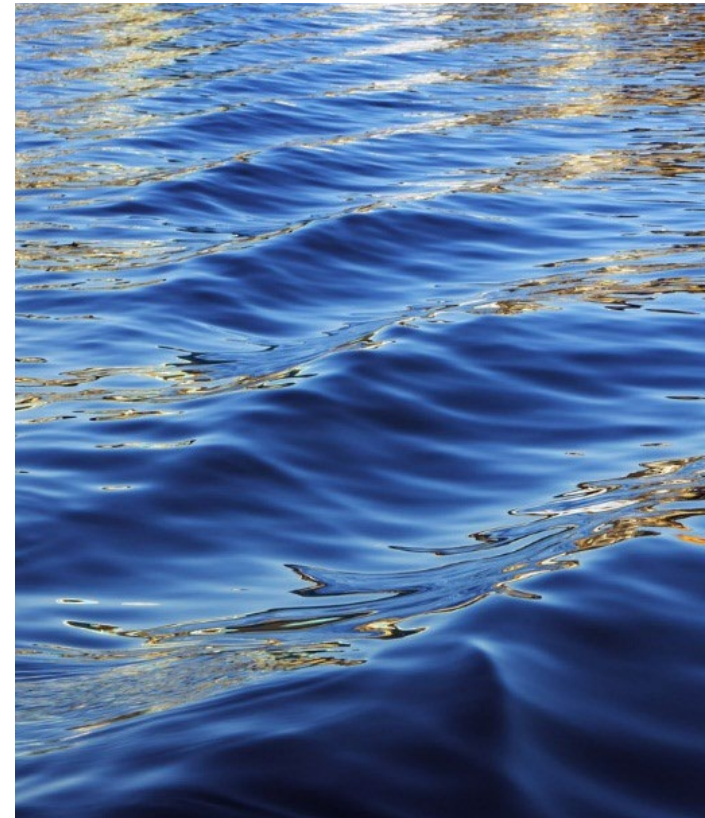


How does the diversity of tree species change as the distance of the river increases?

Science Project

By:
Lesley Marquez
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Hypothesis

We believed that Box Elders would be closer to the river, Oaks in the middle area, and Ponderosa Pines the furthest.

Materials

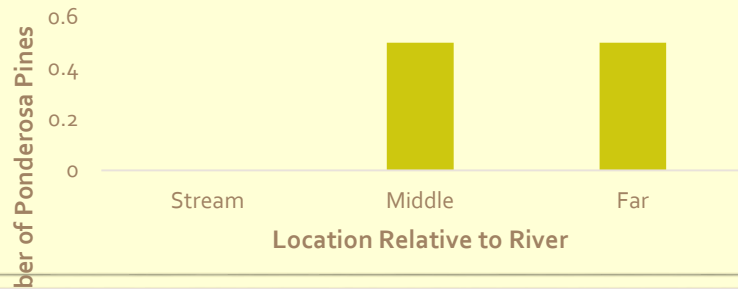
- Tape measure
- Compass
- Paper and Pencil

Procedure

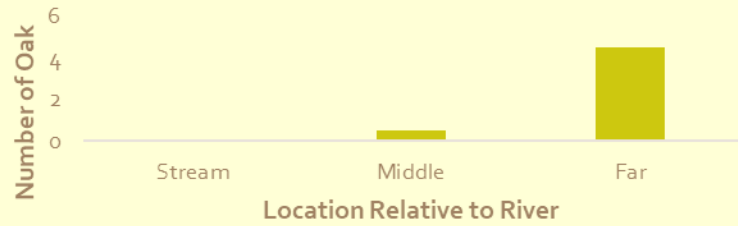
1. Selected 6 replication sites along the river, 15 m apart from each other.
2. Each replication site consisted of 3 circles of a 3 m radius and the distance between each center circle was 15 m.
3. In each circle we counted the number of individuals of 3 tree species.
 - Box Elder
 - Oak
 - Ponderosa Pines



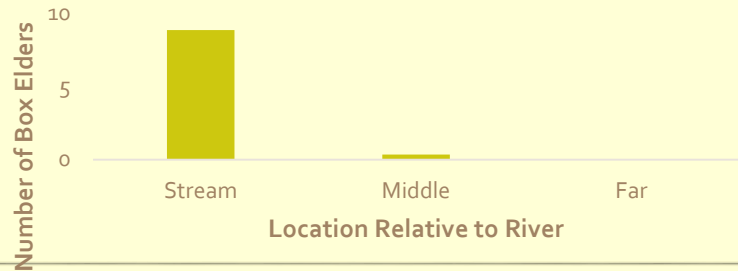
Average Number of Ponderosa Pines Near Middle Fk. Gila River



Average Number of Oak Near Middle Fk. Gila River

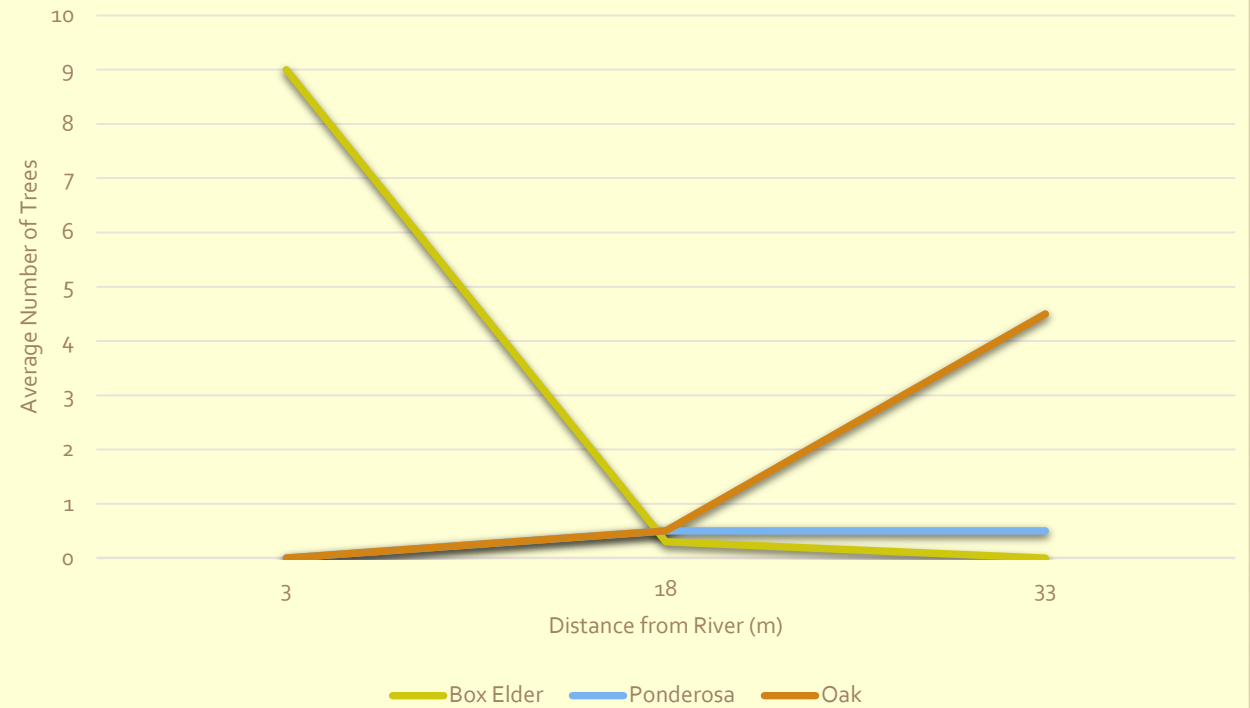


Average Number of Box Elders Near Middle Fk. Gila River



Data

Changes in Tree Abundance with Distance



Conclusion

We found that Box Elders grew more near the river and the further we moved from the river we found a few Ponderosa Pines. When we walked our furthest distance we found the Oaks.

Thanks for watching!