



Macroinvertebrates in soil exposed to fire in Guánica's Dry Forest

By: Grecia C. Izquierdo & José G. Izquierdo Áurea E. Quiles Claudio High School Guánica, Puerto Rico Advisor: Ms. Glenda Almodóvar

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Problem

• Will the abundance of macroinvertebrates depend on the soil temperature and the zone?

Hypothesis

 The zone nearest to the beach is going to have more abundance than the zone nearest to the forest. Also there going to be higher abundance of macroinvertebrates on the coldest season.



Methodology

- We used pitfall traps to collect the macroinvertebrates by zone.
- We went to PR to clean the samples from any dirt.
- We classified the macroinvertebrates by morphology.



Site Location



Zones



Average of the temperature in the study area

Average of the soil humidity in the study area

Some macroinvertebrates founded

Abundance by zone and phase

Abundance of macroinvertebrates in the soil exposed to fire in Guánica's Dry Forest

Conclusion

 In conclusion, the hypothesis was accepted. The abundance is more on winter and on the zone near to the beach.

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