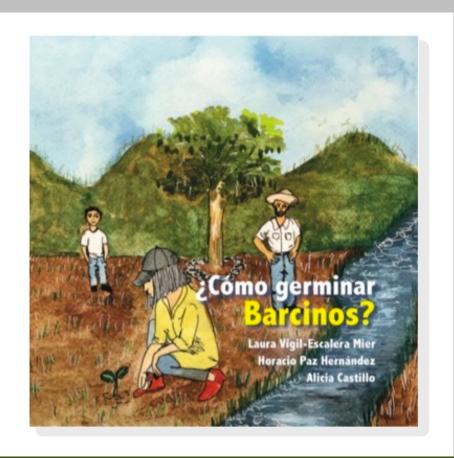
Collaborative efforts to preserve the tropical dry forest in the Chamela-Cuixmala biosphere reserve in Mexico.

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SUMMARY

An interdisciplinary research project was conducted in the summer of 2019 at the Chamela-Cuixmala Biosphere Reserve area, driven by the interest of ejidatarios (land owners), to reproduce Cordia eleagnoides (Barcino), a tree commonly used in furniture manufacturing. The project aimed to foster knowledge co-production and environmental education.

TEACHERS

STUDENTS

OBJECTIVES

- 1. Create an experimental design for barcino germination.
- 2. Document the knowledge of ejidatarios and students in the region.
- 3. Share the acquired knowledge with the community



ACADEMY

EJIDATARIOS

METHODOLOGY



- 1. Seed collection
- 2. Viability
 experiments with
 tetrazolium
 chloride



- 1. Interview with ejidatarios and carpenters
- 2. Workshop students



1. Focus group for the experimental design

RESULTS

- The ejidatarios have valuable knowledge about the dynamics of the BTS. Particularly for this research, they were key to the creation of the experimental design
- Barcino seeds germinate better in warm soil but more research is needed.
- The young people know the dynamics of the field inside out. This is important because they could be the next decision-makers.