

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.

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



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

TEACHERS

STUDENTS

CARPENTERS

ACADEMY

EJIDATARIOS

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.