**Project Update: June 2021**

**May 30- June 31**

**Second visit to the communities to monitor the cultivation and development of established agave plants**

Activities will be continued in the previously mentioned communities. "Río Seco" is located in the Santa María Zoquitlán Municipality in the State of Oaxaca, Mexico and is located at the GPS coordinates: 16°32'32.7"N 96°23'58.1"W The location's medium height is 1080 m asl.

In order to take care of health and avoid contagions, the work team was kept in quarantine prior to visiting the community. During the workshop, a healthy distance and all the necessary sanitary measures were kept.

An interview was held on the local radio for the local inhabitants, where doubts were resolved, information and proposals were offered for the conservation of the agaves, this allowed us to have interaction and a greater audience in our visit.

We invite you to visit the video in Spanish format and learn more about current agave issues.


Link: https://www.youtube.com/watch?v=4lmthAji_nU


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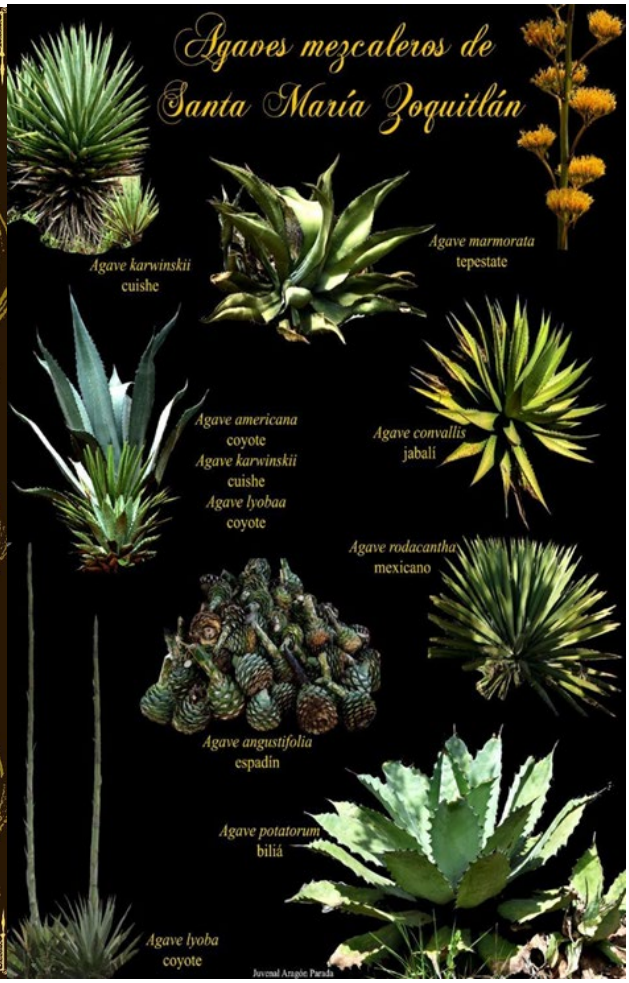
In our workshop, timely diagnosis was offered in their crops, analysing possible natural enemies. In vitro cultures were designed as souvenir to exemplify how we perform micropropagation in the laboratory (the children found it interesting and fun), in addition in vitro and acclimatised plants were delivered for their establishment in the field, finally informative talks were held.

Dissemination of endemic and important species for the community was carried out through posters. The enormous work and support of our fellow Botanist, Juvenal Aragón, is recognised.

**Cryopreservation experiments**

Students will be trained in the handling and dissection of plant meristems in the laboratory. Subsequently, meristems will be treated for immersion in liquid nitrogen (-196 ° C) and their long-term storage, recovery and survival is evaluated after 30 d from immersion. © Lourdes Delgado