

Project Update: March 2021

January 01- March 31

Realisation of an educational pavilion at the University of Guadalajara. In this section, a university area (campus biological and agricultural sciences, CUCBA) is planned that can be used to publicise the importance of agaves in our environment. In this pavilion we will exhibit various species of agave, informative posters, photographs, scientific articles and their conservation strategies. This area has an influx of students and teachers who can be informed and invited to work together on projects in favor of the preservation of agave.



Unused space since 2015 destined for the establishment of 16 endemic agave species, most of which are endangered. © Lourdes Delgado

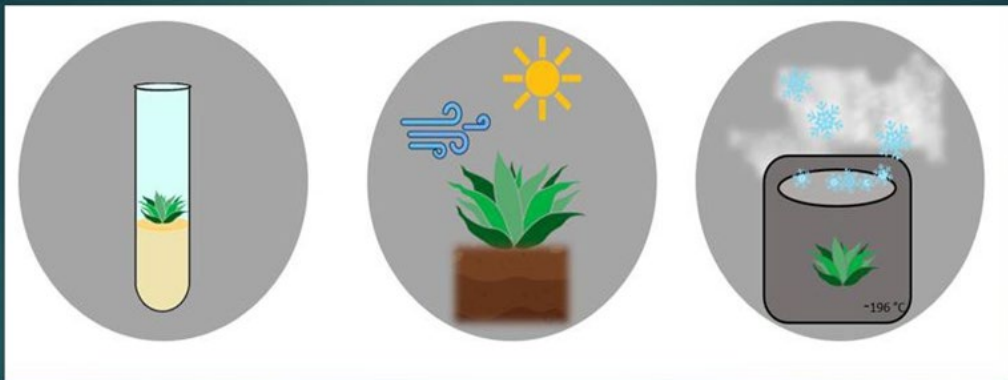


Some species of agaves that have been established in this pavilion are shown, most of them had quarantine of adaptation and acclimatization, irrigation and pruning. © Lourdes Delgado.

SECTIONS INFORMATIVE WITH SPECIES DONATED



In this pavilion there are species of agaves that have previously been studied for their conservation (first grant small). Therefore, the following symbols indicate agaves of in vitro origin, post- cryopreserved and cultivated and / or donated by local people and botanical gardens. © Lourdes Delgado



In vitro

Cultivated or
donated

Post-cryopreserved

Red list categories



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Este proyecto ha sido financiado por The Rufford Foundation, organización benéfica que apoya proyectos para la conservación de la biodiversidad en todo el mundo

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Para más información, te invitamos a conocer nuestros proyectos activos para la conservación y manejo sustentable de nuestra diversidad.

1st Rufford Small Grant



“Conservation and sustainable use
of threatened species of the genus *Agave*”



2nd Rufford Small Grant



“Magueyes land sustainable strategy for
the use and conservation of valuable natural
resources of Mexico”



Report of the activities carried out and achievements obtained.



Micropropagated in vitro plants after stimulating growth regulators, then transferred to

separate glass container for growth and maturation, finally transferred ex vitro to sterile substrate. © Lourdes Delgado

The first results of experiments carried out with the species under study were obtained, the agaves were established and micropropagated successfully. In vitro plants were acclimated in a greenhouse for four months for transfer to communities and botanical gardens.

Scientific name	Common name	IUCN Status
Agave karwinskii	Cachitún	Vulnerable
Agave victoriae-reginae	N/A	Least Concern
Agave titanota	Rabo de león cenizo	Endangered
Agave peacockii	Maguey de las Tunas	Vulnerable
Agave cupreata	Maguey Papalote	Endangered