The need for multidisciplinary conservation: a case study of *Ceratozamia* (Zamiaceae, Cycadales) in eastern Mexico

LILÍ MARTÍNEZ-DOMÍNGUEZ, FERNANDO NICOLALDE-MOREJÓN, DENNIS WM. STEVENSON, QUIYARI J. SANTIAGO-JIMÉNEZ, OCTAVIO ROJAS-SOTO and FRANCISCO VERGARA-SILVA

SUPPLEMENTARY TABLE 1 Summary of potential distribution models of *Ceratozamia* in the Sierra Madre Oriental. Occurrences are number of localities used for each model and

		1	1
success	rate is	prediction	value.

Species	Occurrences	Success rate (prediction)
C. delucana	11	0.80
C. hildae	5	0.75
C. kuesteriana	6	0.50
C. latifolia	11	0.90
C. morettii	15	0.90
C. sabatoi	7	0.66
C. tenuis	12	0.66
C. brevifrons	20	0.85
C. fuscoviridis	24	0.92
C. mexicana	10	0.77
C. totonacorum	8	0.90
C. chamberlainii	12	0.85
C. decumbens	5	0.80
C. zaragozae	4	Not available

SUPPLEMENTARY TABLE 2 Interview questions to examine local perceptions of Tachinola and Dos Cerros nurseries.

Interview questions	For members of the community	For researchers who promoted and implemented conservation through nurseries
Gender	X	X
Age	X	X
Subsistence and/or professional activity	X	X
Role within the nursery	X	X
What do you think is meant by nature conservation (or taking care of nature)?	X	X
Do you know about cycads? Do you know about the Tlachinola or Dos Cerros nurseries for cycad conservation?	X	
Have you been involved in a nursery? If so, which one?	X	
How did you participate? What activities did you carry out in the nursery?	X	X
Was this nursery proposed by the community or the authorities? Or by whom? How did the idea of setting up the nursery arise?	X	X
Do you consider that the nursery was successful? Is the nursery still active/operating? Why was it successful/not successful? How were the activities in the nursery carried out?	X	X
Have you received benefits from the nursery? If yes, what kind of benefits?	X	X
Do you think the community in general has benefitted from the nursery?	X	X

Did your knowledge about the care of cycads and their importance in the forest (i.e. habitat) change after the nursery was established?	X	
Do you think the nursery generated conflicts within the community or with people outside the community? If yes, how?	X	X
Do you think the nursery provided economic benefits? If yes, to whom?	X	X
Do you think the nursery promoted protection of the forest?	X	X
What benefits for the conservation of cycads were derived from this nursery?		X
Do you think that new nurseries should be implemented to protect cycads?	X	X
What activities are being/have been carried out by the community to protect the environment or the forest?	X	X

SUPPLEMENTARY TABLE 3 National and international threat categories of Mexican *Ceratozamia* species.

Species	IUCN Red List of Threatened Species ¹	Mexican list of threatened species ²
C. brevifrons	Vulnerable	Not Available
C. chamberlainii	Not Evaluated	Not Available
C. decumbens	Critically Endangered	Danger of Extinction
C. delucana	Not Evaluated	Not Available
C. fuscoviridis	Critically Endangered	Not Available
C. hildae	Endangered	Threatened
C. kuesteriana	Critically Endangered	Danger of Extinction
C. latifolia	Endangered	Danger of Extinction
C. mexicana	Vulnerable	Threatened
C. morettii	Endangered	Danger of Extinction
C. sabatoi	Endangered	Threatened
C. tenuis	Not Evaluated	Not Available
C. totonacorum	Not Evaluated	Not Available
C. zaragozae	Critically Endangered	Danger of Extinction

¹IUCN, 2017.

References

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²NOM-059-SEMARNAT-2010 (SEMARNAT, 2010).