

Accepted Manuscript

Title: Seed development and germination of *Strombocactus* species (Cactaceae): A comparative morphological and anatomical study

Authors: Aldebaran Camacho-Velázquez, Salvador Arias, Florencia García-Campusano, Emiliano Sánchez-Martínez, Sonia Vázquez-Santana



PII: S0367-2530(18)30179-8
DOI: <https://doi.org/10.1016/j.flora.2018.03.006>
Reference: FLORA 51252

To appear in:

Received date: 15-7-2017
Revised date: 8-3-2018
Accepted date: 8-3-2018

Please cite this article as: Camacho-Velázquez, Aldebaran, Arias, Salvador, García-Campusano, Florencia, Sánchez-Martínez, Emiliano, Vázquez-Santana, Sonia, Seed development and germination of *Strombocactus* species (Cactaceae): A comparative morphological and anatomical study. *Flora* <https://doi.org/10.1016/j.flora.2018.03.006>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

RESEARCH ARTICLE

Seed development and germination of *Strombocactus* species (Cactaceae): a comparative morphological and anatomical study

Aldebaran Camacho-Velázquez^a, Salvador Arias^b, Florencia García-Campusano^c, Emiliano Sánchez-Martínez^d and Sonia Vázquez-Santana^{a,*}

^a*Laboratorio de Desarrollo en Plantas. Departamento de Biología Comparada, Facultad de Ciencias, Universidad Nacional Autónoma de México, Ciudad de México, 04510, México.*

^b*Jardín Botánico, Instituto de Biología, Universidad Nacional Autónoma de México. Ciudad de México.*

^c*Instituto Nacional de Investigaciones Forestales, Agrícolas y Pecuarias, CENID-COMEF. Progreso 5, Coyoacán, Ciudad de México, 04010 México.*

^d*Jardín Botánico Regional de Cadereyta Ing. Manuel González de Cosío, CONCYTEQ, 76500 Cadereyta de Montes, Querétaro, México.*

^{*}*Corresponding author, E-mail address: svvs@ciencias.unam.mx*

Highlights

- Comparative analysis among different subspecies of *Strombocactus disciformis* and *S. corregidora* show that the seed appendage is a true aril because it originates from the distal part of the funiculus.

Download English Version:

<https://daneshyari.com/en/article/8470158>

Download Persian Version:

<https://daneshyari.com/article/8470158>

[Daneshyari.com](https://daneshyari.com)