

COMMUNICATION: A RARE RECORD OF OVIPOSITION IN THE SEMISLUG *TIKOCONUS COSTARICANUS* (STYLOMMATOPHORA: EUCONULIDAE)

Received 26-V-2026 ● Corrected 31-VII-2026 ● Accepted 19-VIII-2026

Published August, 2026. elocation-id: e6626

<https://doi.org/10.22458/urj.v18i1.6626>

AUTHOR

Zaidett Barrientos¹

INTRODUCTION

The reproductive behavior of the semislug *Tikoconus costaricanus* under natural conditions was unknown: its oviposition sites had only been reported in captivity.

OBJECTIVE

To document the first field record of oviposition in *T. costaricanus*.

METHODS

Field observation in a mature forest at Braulio Carrillo National Park (Bajo de la Hondura sector, 1 297m a.s.l.), Costa Rica. The oviposition behavior and microhabitat were recorded.

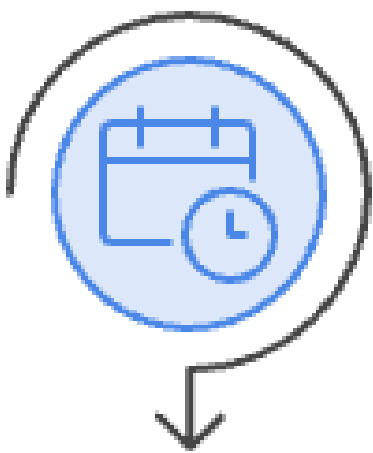
AFFILIATION

1. Laboratorio de Ecología Urbana, Vicerrectoría de Investigación, Universidad Estatal a Distancia, 2060 San José, Costa Rica.



Image: Barrientos, Z., UNED Research Journal, 2026.

OVIPOSITION RECORD DETAILS



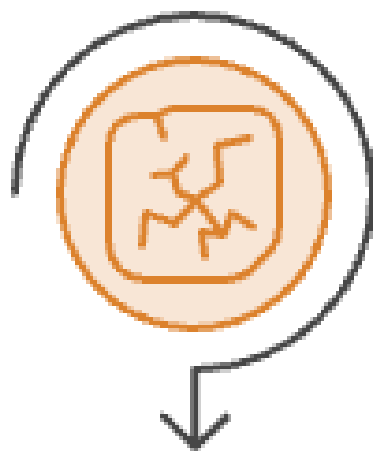
Date and time

October 9, 2025 at
11:00h.



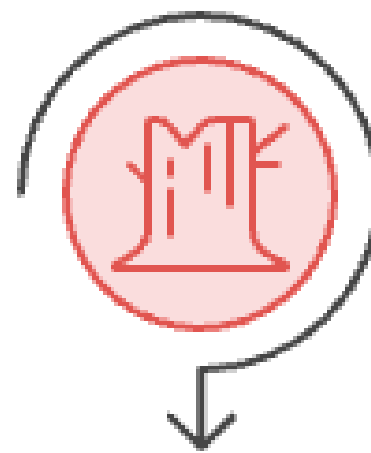
Location

Mature forest at
Braulio Carrillo
National Park, Costa
Rica.



Microhabitat

Narrow vertical
crevice in the trunk
of a shrub, 1.5m
above ground.



Environment

Dark and humid
space between the
cambium and
fractured bark.

Image: Napkin.ai

RESULTS

An individual was observed laying eggs inside a narrow vertical crevice in the trunk of a shrub, ~1.5m above ground, in a dark and humid microenvironment between the fractured bark and the cambium, in an area with few epiphytes.

CONCLUSION

First oviposition site of *T. costaricanus* documented in the wild; it provides evidence of the use of humid arboreal microhabitats for reproduction, with activity possibly concentrated in the morning hours.