



Mesoamerican Herpetology



Volume 3, Number 1, 2016 • ISSN 2373-0951

www.mesoamericanherpetology.com

TABLE OF CONTENTS

Editorial Board, Taxonomic Board	5
Social Media Team, Country Representatives, Layout and Design, Our Cover Image	6

ARTICLES

Introductory Page	7
Taxonomic revision of the <i>Norops tropidonotus</i> complex (Squamata, Dactyloidae), with the resurrection of <i>N. spilorhipis</i> (Álvarez del Toro and Smith, 1956) and the description of two new species. GUNTHER KÖHLER, JOSIAH H. TOWNSEND, AND CLAUS BO P. PETERSEN	8
Introductory Page.....	42
The herpetofauna of Tamaulipas, Mexico: composition, distribution, and conservation status. SERGIO A. TERÁN-JUÁREZ, ELÍ GARCÍA PADILLA, VICENTE MATA-SILVA, JERRY D. JOHNSON, AND LARRY DAVID WILSON	43
Introductory Page	114
New distribution record and reproductive data for the Chocoan Bushmaster, <i>Lachesis acrochorda</i> (Serpentes: Viperidae), in Panama. ROGEMIF DANIEL FUENTES AND GREIVIN CORRALES	115

OTHER CONTRIBUTIONS

Nature Notes	128
Another surviving population of the Critically Endangered <i>Atelopus varius</i> (Anura: Bufonidae) in Costa Rica. CÉSAR L. BARRIO-AMORÓS AND JUAN ABARCA	128
Thanatosis in four poorly known toads of the genus <i>Incilius</i> (Amphibia: Anura) from highlands of Costa Rica. KATHERINE SÁNCHEZ PANIAGUA AND JUAN G. ABARCA	135
<i>Crocodylus acutus</i> (Cuvier, 1807). Predation on a Brown Pelican (<i>Pelecanus occidentalis</i>) in the ocean. VÍCTOR J. ACOSTA-CHAVES, KEVIN R. RUSSELL, AND CADY SARTINI	140
<i>Abronia graminea</i> (Cope, 1864). Color variant. ADAM G. CLAUSE, GUSTAVO JIMÉNEZ-VELÁZQUEZ, AND HIBRAIM A. PÉREZ-MENDOZA	142
<i>Gonatodes albogularis</i> . Predation by a Barred Puffbird (<i>Nystalus radiatus</i>). RSL ÁNGEL SOSA-BARTUANO AND RAFAEL LAU	146
<i>Norops rodriguezii</i> . Predation. CHRISTIAN M. GARCÍA-BALDERAS, J. ROGELIO CEDEÑO-VÁZQUEZ, AND RAYMUNDO MINEROS-RAMÍREZ	147

Seasonal polymorphism in male coloration of <i>Sceloporus aurantius</i> . ROBERT W. BRYSON, JR.	149
<i>Uta palmeri</i> Stejneger, 1890. Reproduction. STEPHEN R. GOLDBERG	151
Internal organ ingestion as an alternative feeding behavior for the Northern Cat-eyed Snake (<i>Leptodeira septentrionalis</i>). IGNACIO ARROYO-TREJOS AND JOSÉ M. MORA	153
<i>Porthidium dunni</i> (Hartweg and Oliver, 1938). Arboreality. VICENTE MATA-SILVA, ARTURO ROCHA, DOMINIC L. DESANTIS, ELÍ GARCÍA-PADILLA, AND LARRY DAVID WILSON	156
<i>Porthidium ophryomegas</i> (Bocourt, 1868). Arboreality. DOMINIC L. DESANTIS, VICENTE MATA-SILVA, ELÍ GARCÍA-PADILLA, AND LARRY DAVID WILSON	158
<i>Salvadora intermedia</i> (Oaxacan Patch-nosed Snake). Diet. RUFINO SANTOS-BIBIANO, RICARDO PALACIOS-AGUILAR, ESMERALDA CASTRO-SANTOS, AND ELIZABETH BELTRÁN-SÁNCHEZ	159
<i>Trimorphodon paucimaculatus</i> . Diet and Reproduction. JESÚS LOC-BARRAGÁN, JUAN PABLO RAMÍREZ-SILVA, AND RUBÉN ALONSO CARBAJAL-MÁRKQUEZ	160
Notes on the diet, foraging behavior, and venom of some snakes in Belize. STEVEN G. PLATT, THOMAS R. RAINWATER, JAN C. MEERMAN, AND STANLEE M. MILLER	162
Distribution Notes	171
<i>Hyalinobatrachium fleischmanni</i> (Boettger, 1893). JOSÉ MARIO SOLÍS	171
<i>Craugastor yucatanensis</i> (Lynch, 1965). JAVIER A. ORTIZ-MEDINA, DANIEL E. CHAN-ESPINOZA, AND ELÍ GARCÍA-PADILLA	172
<i>Eleutherodactylus planirostris</i> (Cope, 1862). CHRISTIAN M. GARCÍA-BALDERAS, J. ROGELIO CEDEÑO-VÁZQUEZ, AND RAYMUNDO MINEROS-RAMÍREZ	173
<i>Ecnomiohyla miotympanum</i> (Cope, 1863). FERDINAND TORRES-ANGELES AND JOSÉ CARLOS ITURBE-MORGADO	174
<i>Hyla arenicolor</i> (Cope, 1886). ELÍ GARCÍA-PADILLA AND VICENTE-MATA-SILVA	175
<i>Gastrophryne elegans</i> (Boulenger, 1882). J. ROGELIO CEDEÑO-VÁZQUEZ AND PABLO M. BEUTELSPACHER-GARCÍA	175
<i>Abronia mixteca</i> Bogert and Porter, 1967. ELÍ GARCÍA-PADILLA, CIRO RODRÍGUEZ-PÉREZ, AND DIANA GABRIELA LOPE-ALZINA	176

<i>Abronia mixteca</i> Bogert and Porter, 1967.	177
CLARITA ALICIA IBARRA-CONTRERAS AND ELÍ GARCÍA-PADILLA	
<i>Anelytropsis papillosus</i> Cope, 1885 (Squamata: Dibamidae), an overlooked species in the state of Oaxaca, Mexico.	178
JORGE VALDEZ-VILLAVICENCIO, ELÍ GARCÍA-PADILLA, AND VICENTE MATA-SILVA	
<i>Hemidactylus frenatus</i> Duméril & Bibron, 1836.	180
JORGE A. BAÑUELOS-ALAMILLO, RUBÉN ALONSO CARBAJAL-MÁRQUEZ, AND ILSE YASARETH TRUJILLO DE LA TORRE	
<i>Lepidodactylus lugubris</i> (Duméril & Bibron, 1836).	181
DANIEL JABLONSKI, DAVID HEGNER, ÁNGEL SOSA-BARTUANO	
<i>Iguana iguana</i> (Linnaeus, 1758).	182
J. ROGELIO CEDEÑO-VÁZQUEZ	
<i>Boa imperator</i> Daudin, 1803.	184
JORGE A. BAÑUELOS-ALAMILLO, RUBÉN ALONSO CARBAJAL-MÁRQUEZ, AND GERARDO ROJO-CARRILLO	
<i>Boa imperator</i> Daudin, 1803.	185
ELÍ GARCÍA-PADILLA AND VICENTE MATA-SILVA	
<i>Masticophis mentovarius</i> (Duméril, Bibron, & Duméril, 1854) (Squamata: Serpentes: Colubridae): an update of records from Panama.	185
JAMES L. KNIGHT, PATTY RUBACK, JON WEDOW, AND JULIE M. RAY	
<i>Phrynonax poecilonotus</i> (Günther, 1858).	189
JAVIER A. ORTIZ-MEDINA AND ELÍ GARCÍA-PADILLA	
<i>Pituophis deppei</i> (Duméril, 1853).	190
JESÚS ALBERTO LOC-BARRAGÁN AND IVÁN TRINIDAD AHUMADA-CARRILLO	
<i>Salvadora bairdi</i> Jan, 1860.	191
RUBÉN ALONSO CARBAJAL-MÁRQUEZ AND GUSTAVO E. QUINTERO-DÍAZ	
<i>Tantilla cuniculator</i> Smith, 1939.	192
J. ROGELIO CEDEÑO-VÁZQUEZ, PABLO M. BEUTELSPACHER-GARCÍA, AND NIDIA GABRIELA BLANCO-CAMPOS	
<i>Tantilla cuniculator</i> Smith, 1939.	193
JAVIER A. ORTIZ-MEDINA, DANIEL E. CHAN-ESPINOZA, AND ELÍ GARCÍA-PADILLA	
<i>Coniophanes imperialis</i> (Baird and Girard, 1859).	193
LEONARDO FERNÁNDEZ-BADILLO AND GONZALO HERNÁNDEZ-HERNÁNDEZ	
<i>Coniophanes piceivittis</i> Cope, 1870.	194
ANDREW M. DURSO AND PAUL NORBERG	
<i>Hypsiglena affinis</i> Boulenger, 1894.	198
JORGE A. BAÑUELOS-ALAMILLO AND RUBÉN ALONSO CARBAJAL-MÁRQUEZ	

<i>Rhadinaea (Rhadinella) godmani</i> (Günther, 1865).	
JUSTIN K. CLAUSE	199
<i>Tretanorhinus nigroluteus</i> Cope, 1861.	
CHRISTIAN M. GARCÍA-BALDERAS, RUBÉN A. CARBAJAL-MÁRQUEZ, AND J. ROGELIO CEDEÑO-VÁZQUEZ	200
<i>Tropidodipsas sartorii</i> Cope, 1863.	
JOSÉ CARLOS ITURBE-MORGADO AND FERDINAND TORRES-ANGELES	201
<i>Micrurus ephippifer</i> (Cope, 1886).	
PABLO R. SIMÓN-SALVADOR, ELÍ GARCÍA-PADILLA, AND VICENTE MATA-SILVA	202
<i>Thamnophis scalaris</i> (Jan, 1863).	
GUSTAVO E. QUINTERO-DÍAZ AND RUBÉN ALONSO CARBAJAL-MÁRQUEZ	203
<i>Indotyphlops braminus</i> (Daudin, 1803).	
JORGE A. BAÑUELOS-ALAMILLO AND RUBÉN ALONSO CARBAJAL-MÁRQUEZ	204
<i>Indotyphlops braminus</i> (Daudin, 1803).	
JORGE H. VALDEZ-VILLAVICENCIO, ANNY PERALTA-GARCÍA, AND HECTOR YEE-PÉREZ	205
<i>Bothrops asper</i> (Garman, 1884).	
FERDINAND TORRES-ANGELES, GONZALO HERNÁNDEZ-HERNÁNDEZ, AND LEONARDO FERNÁNDEZ-BADILLO	206
<i>Crotalus polystictus</i> (Cope, 1865).	
JORGE A. BAÑUELOS-ALAMILLO, RUBÉN ALONSO CARBAJAL-MÁRQUEZ, AND MIGUEL ÁNGEL OLVERA-RIVERA	207
<i>Claudius angustatus</i> Cope, 1865.	
J. ROGELIO CEDEÑO-VÁZQUEZ AND PABLO M. BEUTELSPACHER-GARCÍA	208



Mesoamerican Herpetology

Volume 3, Number 1, March 2016

EDITORIAL BOARD

MANAGING EDITOR

Louis W. Porras
Eagle Mountain Publishing, LC
UNITED STATES
E-mail: empub@msn.com

ASSOCIATE EDITORS

Manuel E. Acevedo
Universidad de San Carlos de Guatemala
GUATEMALA

Javier Alvarado-Díaz
Universidad Michoacana de San Nicolás de Hidalgo
MEXICO

Jerry D. Johnson
The University of Texas at El Paso
UNITED STATES

Gunther Köhler
Senckenberg Forschungsinstitute und Naturmuseen
GERMANY

Pablo A. Lavín Murcio
Universidad Autónoma de Ciudad Juárez
MEXICO

Kirsten Nicholson
Central Michigan University
UNITED STATES

Gabriela Parra Olea
Universidad Nacional Autónoma de México
MEXICO

Mahmood Sasa

Instituto Clodomiro Picado/Universidad de Costa Rica
COSTA RICA

Javier Sunyer
Bogotá, COLOMBIA

Larry David Wilson
Centro Zamorano de Biodiversidad
HONDURAS

SECTION EDITORS

Nature Notes, Mexico
Aurelio Ramírez-Bautista
Universidad Autónoma del Estado de Hidalgo
MEXICO
E-mail: ramibautistaa@gmail.com

Distribution Notes, Mexico
Vicente Mata-Silva
University of Texas at El Paso
UNITED STATES
E-mail: vmata@utep.edu

Nature Notes, Central America
William W. Lamar
The University of Texas at Tyler
UNITED STATES
E-mail: wlamar@uttyler.edu

Distribution Notes, Central America
Javier Sunyer
Grupo HerpetoNica (Herpetólogos de Nicaragua), Nicaragua.
Bogotá, COLOMBIA
E-mail: jsunyermaclennan@gmail.com

TAXONOMIC BOARD

Jerry D. Johnson, Co-chair
The University of Texas at El Paso
UNITED STATES
Email: jjohnson@utep.edu

Larry David Wilson, Co-chair
Centro Zamorano de Biodiversidad
HONDURAS
Email: bufodoc@aol.com

Robert W. Bryson, Jr.
University of Washington
UNITED STATES

Gunther Köhler
Senckenberg Forschungsinstitut und Naturmuseum
GERMANY

Kirsten Nicholson
Central Michigan University
UNITED STATES

Gordon W. Schuett
Georgia State University/The Copperhead Institute
UNITED STATES

Josiah H. Townsend
Indiana University of Pennsylvania
UNITED STATES

SOCIAL MEDIA TEAM

Victor Acosta Chaves
Scientific Representative in Costa Rica for RedMesoherp
COSTA RICA
E-mail: victor2222@gmail.com

Julie M. Ray
La Mica Biological Station
PANAMA
E-mail: la.mica@yahoo.com

Josiah H. Townsend
Indiana University of Pennsylvania
Indiana, Pennsylvania 15705
UNITED STATES
E-mail: josiah.townsend@iup.edu

John Fannon
Camosun College
CANADA
E-Mail: jfannon13@hotmail.com

COUNTRY REPRESENTATIVES

Mexico
Ireri Suazo-Ortuño
Universidad Michoacana de San Nicolás de Hidalgo

Oscar Flores-Villela
Universidad Nacional Autónoma de México

Guillermo Alfonso Woolrich-Piña
ESIA Ticomán “Ciencias de la Tierra” IPN

Guatemala
Manuel Acevedo
Universidad de San Carlos de Guatemala

Daniel Ariano-Sánchez
Universidad del Valle de Guatemala

Belize
Paul Walker
Wildtracks

Honduras
Josiah Townsend
Indiana University of Pennsylvania

Mario Espinal
M & K Consultores, Comayaguela

Nicaragua
Javier Sunyer
Bogotá, Colombia

Costa Rica
Mahmood Sasa
Instituto Clodomiro Picado/Universidad de Costa Rica

Alejandro Solórzano
Universidad de Costa Rica

Panama
Abel Batista
Neotropical Panama

César Jaramillo
Círculo Herpetológico de Panamá

Julie M. Ray
La Mica Biological Station

LAYOUT AND DESIGN

Francine Eden Platt
Eden Graphics, Inc.
E-mail: fran@edengraphics.net



© Tineke Boomsma

OUR COVER IMAGE

Jan Meerman is a Dutch Ecologist residing in Belize. His interests cover a wide range of fields, but he specializes in biodiversity and environmental impact assessments. Over the years, he has discovered many plant and animal species new for Belize. Jan has a special relationship with Boa Constrictors (*Boa imperator*), as they are the principal predator of his chickens! For him, the capture and safe relocation of these animals is just another day at the office. The cover image shows a *Leptodeira septentrionalis* feeding on an egg mass deposited by *Agalychnis callidryas*. On that particular night, over 100 egg masses were deposited along a small pond after heavy rains.