

## Checklist of the Acanthocephala in wildlife vertebrates of Mexico

LUIS GARCÍA-PRIETO\*, MARTÍN GARCIA-VARELA, BERENIT MENDOZA-GARFIAS, &  
GERARDO PÉREZ-PONCE DE LEÓN

*Laboratorio de Helmintología, Instituto de Biología, Departamento de Zoología, Universidad Nacional Autónoma de México, Ap.  
Postal 70-153, C.P. 04510, México D.F., México. E-mail: gprieto@ibiologia.unam.mx*

### Table of Contents

<b>Abstract</b> .....	1
<b>Introduction</b> .....	2
<b>Materials and Methods</b> .....	2
<b>Results</b> .....	3
<b>Parasite-Host list</b> .....	3
Cavisomidae .....	3
Centrorhynchidae .....	4
Echinorhynchidae .....	4
Gigantorhynchidae .....	5
Illiostidae.....	5
Moniliformidae .....	6
Neoechinorhynchidae .....	7
Oligacanthorhynchidae .....	11
Plagiorhynchidae .....	12
Polymorphidae .....	13
Pomphorhynchidae .....	17
Rhadinorhynchidae .....	17
<b>Host-Parasite list</b> .....	19
Actinopterygii .....	19
Chondrichthyes .....	28
Amphibia .....	28
Reptilia.....	29
Aves .....	30
Mammalia .....	32
<b>Discussion</b> .....	33
<b>Acknowledgments</b> .....	33
<b>Plates</b> .....	34
<b>Locality index</b> .....	36
<b>Literature cited</b> .....	40
<b>Taxonomic index</b> .....	50

### Abstract

Fifty four named and twenty three undetermined species of acanthocephalans associated with 213 wildlife vertebrate host species from Mexico are listed; they come from 220 localities, pertaining to 28 of the 33 Mexican states. The checklist contains information on their hosts, habitat, distribution, and records. In addition, three species of acanthocephalans (*Polymorphus obtusus*, *Polymorphus trochus*, and *Southwellina dimorpha*), are registered for the first time in Mexico, twenty six new locality records, and ten new host records are presented.

**Key words:** helminths; acanthocephalans; Mexico; vertebrates