



Checklist of digenean parasites of wild mammals from Argentina

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Abstract

A summary of the literature on the digeneans of wild mammals in Argentina is presented. This is the first compilation of 51 parasitological papers published from 1909 to present. This review includes 26 native species and two introduced species (1 Artiodactyla, 6 Carnivora, 6 Cetacea, 3 Chiroptera, 2 Didelphimorphia, 1 Primate, 8 Rodentia and 1 Lagomorpha) and contains 42 species of adult digeneans belonging to 32 genera and 18 families, of which 9 species (21%) were recorded as new species. The present review provides data on hosts, geographical distribution, site of infection, life cycle, the location of material deposited in Helminthological Collections and references for the parasite species arranged by families. A host/parasite list is also provided. In addition, *Gymnoacetabulum* n. g. is proposed to replace the genus *Suttonia* Lunaschi, 2002 (Lecithodendriidae) from bats, which is preoccupied by *Suttonia* Smith, 1953 (Perciformes, Seranidae).

Key words: Digenea, wild mammals, checklist, Argentina

Introduction

The literature on the Digenea parasites of mammals in Argentina is scattered and the studies have focused mainly on taxonomy. The first digenean species reported for Argentinean wild mammals was *Fasciola hepatica* L. found in the bile ducts of *Myocastor coypus* by Wolffhügel, (1909). Since then, most records have been presented as isolated reports describing one species in a particular host, and only a few surveys of digeneans of a particular host have been conducted. This checklist summarizes the diversity of digeneans from wild mammals of Argentina and it includes a list of wild mammal hosts with their digenean parasites.

Material and methods

This checklist was prepared on the basis of data published from 1909 to present from various regions of Argentina. The genera of Digenea are presented in alphabetical order according to taxa; each record contains information on the species name, authority and year, synonyms under which original records appeared, host(s), site of infection, localities (particular locality when possible and Province), data on life history when known, material deposited (the collection acronym and the code numbers are listed, when included in the papers) and bibliographical references arranged chronologically.

The taxonomy for digeneans is given according to Yamaguti (1971), Gibson *et al.* (2002) and Jones *et al.* (2005) and taxonomy of mammals according to Barquez *et al.* (2006). The species referred to in theses, dissertations and scientific meetings do not constitute a formal publication and are, consequently, not considered herein.