

Description of a new pterygosomatid mite (Acari, Actinedida: Pterygosomatidae) parasitic on *Liolaemus* spp. (Iguania: Liolaemini) from Argentina

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Abstract

Pterygosoma patagonica n. sp. (Acari: Pterygosomatidae) is described from endemic iguanid lizards (*Liolaemus* spp.) of Argentina, based on its morphology. This external parasite is also known to parasitize Old World agamid lizards.

Key words: Pterygosomatidae, *Pterygosoma patagonica* n. sp., *Liolaemus* spp., Argentina

Introduction

The family Pterygosomatidae Oudemans (Pterygosomatidae) currently contains nine described genera: *Pterygosoma* Peters, *Geckobia* Mégnin, *Geckobiella* Hirst, *Hirstiella* Berlese, *Zonurobia* Lawrence, *Ixoderma* Lawrence, *Scaphotrix* Lawrence, *Pimeliaphilus* Traghard and *Cyclurobia* De La Cruz. Most of them are reported from agamid and gherrosaurid lizards, and only scarce reports exist from iguanids ‘*sensu lato*’ (De La Cruz, 1984). *Pimeliaphilus* is the only genus which does not parasitize lizards, and its status remains doubtful (Bertrand *et al.*, 1999).

This paper describes a new species of *Pterygosoma* parasitic on iguanid lizards in Argentina.