

New ectoparasitic mites of the family Syringophilidae (Acari: Prostigmata: Cheyletoidea) associated with birds from Argentina

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Abstract

Five species and one undetermined species, belonging to six genera of the Syringophilidae (Acari: Prostigmata), are recorded from Argentina (South America). Two new species are described and figured: *Syringophiloidus tarnii* sp. n. from the Huet-huet *Pterotochos tarni* (Passeriformes: Rhinocryptidae) and *Aulobia paraguaiae* sp. n. from the Magellan Snipe *Gallinago paraguaiae* (Charadriiformes: Scolopacidae). Four new host species of the family Syringophilidae are given.

Key words: Syringophilidae, ectoparasites, quill mites, birds, Argentina

Introduction

To date only five species of quill mites have been recorded from South America: *Picobia brotogeris* Fain et al., 2000 from *Brotogeris jugularis cyanopterus* (Psittaciformes: Psittacidae) from Brasil, *Megasyringophilus kethleyi* Fain et al., 2000 from *Aratinga jandaya* (Psittacidae) from Brasil, *Neoaulobia aratingae* Fain et al., 2000 from *Aratinga jandaya* (Psittacidae) from Brasil, *Psittaciphilus amasonae* Fain et al., 2000 from *Amazona amazonica* (Psittacidae) from Colombia and *Niglarobia trouessarti* (Oudemans, 1904) from *Aramus scolopaceus* (Charadriiformes: Scolopacidae) from South America (Fain et al. 2000; Oudemans 1906).

In this paper we describe two new species: *Syringophiloidus tarnii* sp. n. and *Aulobia paraguaiae* sp. n. Additionally we record three species new to this area: *Niglarobia helleri* (Oudemans, 1904) from *Tringa flavipes* (Charadriiformes: Scolopacidae), *Syringophilopsis turdus* (Fritsch, 1958) from *Turdus albicollis* (Passeriformes: Turdidae); *Peristerophila zenadourae* (Clark, 1964) from *Zenaida auriculata* (Columbiformes: Columbidae) and one undetermined species of the genus *Picobia* Haller, 1878 from *Aphrastura spinicauda* (Passeriformes: Funariidae). All hosts were found in Argentina.