

**NEW HOST RECORDS FOR SOME AVIAN NASAL MITES**  
(ACARI: RHINONYSSINAE, SPELEOGNATHINAE)

This paper contains new host records that could not be included in my previous paper (1977, *Acarologia* **18**: 594-601). The materials and methods used here can be found in the earlier publication. All measurements are in micrometers. The specimens are deposited in the Fort Worth Museum of Science & History, Fort Worth, Texas.

DERMANYSSIDAE: RHINONYSSINAE

**Ptilonyssus hoseini** Fain & Aitken, 1967

*Material examined*: 6 ♀♀, 1 ♂, 1 N, U.S.A.: Texas: Mason Co., Shep-Creek Ranch, ex *Vireo bellii* (Bell's Vireo), 20.IV.1976.

*Remarks*: Pence (1972, *J. Parasitol.* **58**: 790-95) gave a good analysis of *P. hoseini* and a closely related species, *P. vireonis* Dusbábek, 1969.

**Ptilonyssus icteridius** (Strandtmann & Furman, 1956)

*Material examined*: 3 ♀♀, 2 ♂♂, U.S.A.: Texas: Tarrant Co., Saginaw, Cleveland Ranch, ex *Spiza americana* (Dickcissel), 17.V.1975.

*Remarks*: The specimens collected from the Dickcissel (Fringillidae) are similar to the original description from blackbirds and meadowlarks (Icteridae) by Strandtmann & Furman (1956, *Pan-Pac. Entomol.* **32**: 167-73), with the exception that only 5 pairs of ventral opisthosomal setae (6 pairs in the original description) are present. This is the first record of *P. icteridius* from the family Fringillidae.

**Ptilonyssus mariacastroae** Fain, 1961

*Material examined*: 2 ♀♀, Mexico: Campeche, Cd. del Carmen, ex *Amazilia yucatanensis* (Buff-bellied Hummingbird), 5.VIII.1975.

*Remarks*: Fain (1961, *Bull. Ann. Soc. R. Entomol. Belg.* **97**: 45-62) described *P. mariacastroae* from *Chrysolampis mosquitus* (Trochilidae) collected in Brazil. Later Fain & Aitken (1967, *Bull. Inst. R. Soc. Nat. Belg.* **43**: 1-44) recorded 2 more hummingbird species, *Amazilia chionopectus* and *Saucerottia tobaci*, as hosts from Trinidad. The *A. yucatanensis* specimens conform to the original description except for their larger size (length 956, 882 and width

549, 549 of the idiosoma) and presence of more pores than illustrated. This is the first report of *P. mariacastroae* from Mexico.

**Ptilonyssus sairae** Castro, 1948

*Material examined*: 2 ♀♀, Mexico: Yucatan, Progreso, ex *Poliophtila albiloris* (White-lored Gnatcatcher), 7.VIII.1975; 1 ♀, Mexico: Campeche, Cd. del Carmen, ex *Dendroica erithacorides* (Mangrove Warbler), 5.VIII.1975.

*Remarks*: Pence & Casto (1976, *J. Med. Entomol.* **13**: 71-95) gave a complete host and distribution list for *P. sairae* in their revision of the *P. sairae* complex. Additional new host records are reported by Spicer [1977, loc. cit.]. This is the first record of *P. sairae* from the family Sylviidae.

**Sternostoma hirundinis** Fain, 1956

*Material examined*: 1 ♀, Mexico: Campeche, Cd. del Carmen, ex *Tachycineta albilina* (Mangrove Swallow), 5.VIII.1975.

*Remarks*: This is the first report of *S. hirundinis* from Mexico.

EREYNETIDAE: SPELEOGNATHINAE

**Boydaia pheucticola** Pence & Casto, 1976

*Material examined*: 27 ♀♀, U.S.A.: Texas: Tarrant Co., Saginaw, Cleveland Ranch, ex *Spiza americana* (Dickcissel), 17.V.1975.

**Ophthalmognathus womersleyi** (Fain, 1955)

*Material examined*: 3 ♀♀, U.S.A.: Texas: Lubbock Co., Lubbock, ex *Spatula clypeata* (Shoveler), 15.XI.1974.

*Remarks*: This mite has previously been recorded from North America by Clark (1958, *Proc. Helminthol. Soc. Wash.* **58**: 78-86) and Fain & Hyland (1975, *New York Entomol. Soc.* **83**: 203-08).

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