

OBSERVATIONS ON SYNHOSPITALITY INCLUDING RECORDS OF THREE GENERA OF PODAPOLIPIDAE (ACARI: TARSONEMINA) PARASITIC ON SCHISTOCERCA NITENS (THUNBERG) (ORTHOPTERA: ACRIDIDAE) FROM CALIFORNIA, U.S.A.

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ABSTRACT - Synhospitalic species, *Locustacarus trachealis* Ewing, 1924, *Podapolipus berlesei* Lahille, 1906 and *Podapolipoides eickworti* Husband, 1993, hosted by *Schistocerca nitens* (Thunberg, 1815) from California, U.S.A. are reported. Keys to genera of podapolipid mites from Acrididae (Orthoptera), worldwide, and data for widely distributed American species of Podapolipidae from Acrididae are provided. *Locustacarus trachealis* was last collected in the United States in 1915 in Eastern Kansas.

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