



Cunaxidae are predaceous mites commonly encountered in a variety of terrestrial environments, including soil and leaf litter, tree holes, vertebrate nests, and on plants. More than 400 species in 27 genera are known worldwide, with many undescribed species yet to be discovered. Faunal surveys and other studies generally report cunaxids at the family or genus level, in part due to the difficulty in identifying these mites without specialized knowledge and an extensive literature collection. This work provides comprehensive illustrated keys to world subfamilies, genera, and species, as well as diagnoses and historical reviews for subfamilies and genera, in an effort to make this interesting family more accessible to non-acarologists. The taxonomy of 24 species is updated and new range data is provided for 4 species, including *Scirula papillata*, which is reported from the Western Hemisphere for the first time.

A REVIEW OF CUNAXIDAE (ACARIFORMES, TROMBIDIFORMES): HISTORIES AND DIAGNOSES OF SUBFAMILIES AND GENERA, KEYS TO WORLD SPECIES, AND SOME NEW LOCALITY RECORDS

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Pulaeus sp. Den Heyer, 1979

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