

A710 Two New Species of the Family Cunaxidae(Acari: Prostigmata) from Korea

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Members of the mite family Cunaxidae are predators of scale insects and other small arthropods and therefore of some potential biological control importance. The Korean Cunaxidae had not been studied until recently, when *Cunaxa taurus* was recorded by Paik(1983) without discription.

This study deals with two species of the family Cunaxidae belong to the genera *Dactyloscirus* in soil of Korea.

Family Cunaxidae Thor, 1902
Subfamily Cunaxiinae Oudemans, 1902
Genus *Dactyloscirus* Berlrse, 1916
Dactyloscirus n sp. 1
Dactyloscirus n sp. 2

A711 Studies on the Host-Preference Behavior of *Tetranychus urticae* Koch and *Tetranychus kanzawai* Kishida.

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Tetranychus urticae Koch and *T. kanzawai* Kishida are world-wide pests of many plant species. In this study, mites were collected from bean plant, and maintained on detached bean leaves that were deposited on a piece of moist cotton placed on trays filled with water. The preference rates of 34 plants were compared with those of bean leaves. Time intervals were 0.5, 1, 2, 3, 4, 5, 22, 23 and 24 hours.

These mites highly preferred *Pisum sativum* L., *Robinia pseud-acacia* L., and *Clerodendron trichotomum* Thunb. However, choice rates of *Phyllostachys bambusoides* S. et Z., *Petasites japonicus* (S. et Z.) Max., *Ginkgo biloba* L., *Kerria japonica* for. *plena* Schneid etc. werw low.