

NOMENCLATURAL CHANGES OF SOME
PHYTOSEIID MITES
(ACARINA: PHYTOSEIIDAE)¹

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ABSTRACT

Amblyseius usitatus Denmark and Muma, a primary homonym of *Amblyseius* van der Merwe, is hereby renamed *Amblyseius pravus* Denmark. *Typhlodromus helveolus* Chant is hereby designated as the type species for the genus *Galendromus* Muma rather than *Typhlodromus floridanus* Muma due to page priority.

Amblyseius usitatus van der Merwe (1965:71) from Potchefstroom, Transvaal, South Africa and *Amblyseius usitatus* Denmark and Muma (1973:245) from Rio Claro, Sao Paulo, Brazil are primary homonyms. *Amblyseius usitatus* Denmark and Muma is hereby renamed *Amblyseius pravus* Denmark, new name. Van der Merwe's species *Amblyseius usitatus* is hereby placed in the genus *Neoseiulus* Muma (new combination), since it has all of the salient features of that genus.

Amblyseiopsis floridanus Muma (1955:264) and *Typhlodromus floridanus* Muma (1955:269) became secondary homonyms when Chant (1959:58, 85) placed both species in the genus *Typhlodromus* Scheuten. He renamed *Typhlodromus floridanus* Muma (1955:269) as *Typhlodromus helveolus* Chant because of the page priority of *Typhlodromus* (= *Amblyseiopsis*) *floridanus* (Muma) (1955:264). Muma (1961:298) revived the name *T. floridanus* Muma (1955:269) and designated it as the type species of his new genus *Galendromus*. According to Article 59c of the International Commission of Zoological Nomenclature (1974), Muma was in error in using *Typhlodromus floridanus* Muma (1955:269) as the type species of *Galendromus*, since Chant rejected the name before 1960. *Typhlodromus helveolus* Chant is here designated as the type species of the genus *Galendromus* Muma. Muma and Denmark (1968:232) designated *Amblyseiopsis floridanus* Muma as the type species of the genus *Chelaseius* Muma and Denmark. Thus, neither of the species with the name *floridanus*, as described by Muma in 1955, is now in its original genus. One (originally in *Amblyseiopsis* p. 264) is now the type species of the genus *Chelaseius* and the other (originally in *Typhlodromus*, p. 269) has had the specific name changed to *helveolus* and is the type species of the genus *Galendromus*.

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