NOMENCLATURAL CHANGES OF SOME PHYTOSEIID MITES
(ACARINA: PHYTOSEIIDAE)  

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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 Schueteun. 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.

LITERATURE CITED


