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A NOTE ON NEOSEIULUS HUGHES 1948 AND NEW SYNONYMY

(ACARINA: PHYTOSEIIDAE)

Some other workers also, but most recently Pritchard and Baker (1962, *Hilgardia* 33(7): 218), and Schuster and Pritchard (1963, *Hilgardia* 34(7): 199), place *Neoseiulus* Hughes in the Typhlodromini which is characterized by having more than 4 pairs of anterolateral setae. The type of *Neoseiulus* is *N. barkeri* Hughes. For this species Hughes (1948, Mites associated with stored food products, Min. Agr. Fish., London, 140 and 1961, Mites of stored food, Min. Agr. and Fish., London, 222) shows only 4 pairs of anterolateral setae and Hughes (1964, *in litt.*) says, "I have examined the type slide of *Neoseiulus barkeri* and can see only 4 pairs of antero-lateral setae as in my drawing in 'Mites of Stored Food.'" Thus the mite belongs in the Amblyseiini and not the Typhlodromini. Hughes (1961) recognized this by synonymizing *Neoseiulus* with *Amblyseius*; Athias-Henriot (1961, *Acarologia* 3(4): 419) did the same and placed *Amblyseius barkeri* (Hughes) in "Groupe *Cucumeris*." In 1959 (*Fla. Ent.* 42(3): 113), overlooking the available name *Nebseiulus* Hughes, I proposed the name *Typhlodromopsis* for the group of amblyseiine mites with the general characters of the mite originally called *Typhlodromus cucumeris* Oud. Since *Neoseiulus barkeri* is a member of the *cucumeris* group, *Neoseiulus* has priority over *Typhlodromopsis* and is the name that should be used for this subgenus of mites. This leaves the group of mites, other than the *cucumeris* group, listed by Muma (1961, *Bull. Fla. State Mus.* 5(7): 287) under *Typhlodromopsis* without a name. The name *Typhlodromips* is proposed for this subgenus with *T. simplissimus* (DeL.) as type species.

For the Typhlodromine species placed by Muma (*op. cit.*, p. 295) in *Neoseiulus*, *i. e.*, *transvaalensis* (Nesbitt), *singularis* (Chant), and *insectus* (Chant), the generic name *Mumaseius* is proposed with *Mumaseius singularis* (Chant) as type of genus.

—DONALD DE LEON, *Erwin, Tennessee.*



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