

NICHOLAS, W. L., GOODCHILD, D. I. & STEWART, A. (1987).

PREIS, K. (1977). The species diversity, number and biomass

- Tylenchorhynchus lamelliferus* (de Man, 1880) Filip'ev, 1936.
= *Mulkorhynchus lamelliferus* (de Man, 1880) Jairajpuri, 1988.
- T. mulki* Fortuner & Luc, 1987.
= *M. parvus* (Mulk & Siddiqi, 1982) Jairajpuri, 1988.
nec *T. parvus* Allen, 1955.
- T. nigericus* (Mulk & Jairajpuri, 1974) Fortuner & Luc, 1987.
= *M. nigericus* (Mulk & Jairajpuri, 1974) Jairajpuri, 1988.
- T. phaseoli* Sethi & Swarup, 1968.
= *M. phaseoli* (Sethi & Swarup, 1968) Jairajpuri, 1988.
- T. prophasmsis* (Jairajpuri & Hunt, 1984) Fortuner & Luc, 1987.
= *M. prophasmsis* (Jairajpuri & Hunt, 1984) Jairajpuri, 1988.
- T. tuberosus* (Maqbool, Ghazala & Fatima, 1984) Fortuner & Luc, 1987.
= *M. tuberosus* (Maqbool, Ghazala & Fatima, 1984) Jairajpuri, 1988.

Eroshenko and Volkova (1987) proposed the new genus *Pathotylenchus*, close to *Merlinius* Siddiqi, 1970 with the following four species: *P. superbus* (Allen, 1955) Eroshenko & Volkova, 1987, type species; *P. kirjanovae* (Sagitov, 1973) Eroshenko & Volkova, 1987;

mus was defined with deirids absent or inconspicuous by Fortuner and Luc (1987).

Eroshenko and Volkova (1987) included in the new genus *Pathotylenchus* three existing species, formerly in the genera *Geocenamus* (*G. kirjanovae*) and *Merlinius* (*M. superbus*, type species of the new genus, and *M. longus*).

P. superbus has a mixture of characteristics of the genus *Merlinius* [anterior region slightly offset, not bulbous, presence of deirids, SEM face view (Powers, Baldwin & Bell, 1983)] lacking the four lobed structure characteristic of Belonolaiminae] and of the genus *Geocenamus* (elongated stylet with cone longer than shaft, and modified oesophageal corpus). The presence of these characteristics of *P. superbus* was checked in paratypes kept at the Department of Nematology, University of California at Davis. The oesophageal derived characters were considered by Fortuner and Luc (1987) as the primary criteria for the differentiation of the subfamily Belonolaiminae. For this reason, *Pathotylenchus superbus* is here transferred to the genus *Geocenamus*. As a consequence, the genus *Pathotylenchus* is here proposed as a new junior synonym of the genus *Geocenamus*. The diagnosis of *Geocenamus* is modified to accept deirids absent or present.

P. longus was transferred to *Geocenamus* by Tarjan (1973), then to *Merlinius* by Sturhan (1981) because the species lacked the conspicuous labial disc that was the

sp. n. from rhizosphere of cultivars of conifers from the Far

1968) Siddiqi, 1979 with description of *Nagelus borealis* n.

