A revised scheme of classification for order Tylenchida
(Nematoda)

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A revised scheme of classification has been proposed for the order
Tylenchida Thorne, 1949, on the basis of an up-to-date information
collected on the classification of Nematodes. Under the order Tylenchida
the sub-families Ditylenchinae, Aphasmatylenchinae and Rotylenchinae
have been raised to the rank of families and included in revised scheme.
Diagnostic features of these families have been given. New sub-families
Macrotrophurinae, cynpanguininae, Acontylinae, Hirschmanillinae, Dolycho-
rhynchinae and Nothanguininae have also been proposed. Regrouping of
several genera under the order Tylenchida has also been undertaken
wherever felt necessary, and these genera shifted to their appropriate
families. These additions seemed desirable and necessary to provide more
useful groupings and a large superstructure for the many diverse taxa
involved. The changes incorporated are found to make the classification
practically easier to handle. Moreover a brief account of the previous
work of order Tylenchida and also revised keys to some super-families,
families and sub-families is given.

The classification scheme of the order Tylenchida as presented here,
comprises of 2 sub-orders, 9 superfamilies, 32 families, 55 sub-families
and 156 genera. This scheme is based on the experience and concepts
gained by the authors during years of research in the nematode taxonomy
and also the researches of other scientists as reported in the literature
upto 1977.