

**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 upto 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, cypanguinae, Acontylinae, Hirschmanillinae, Dolychorhynchinae and Nothanguinae 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 usefull 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 158 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.