

SYNOPSIS

A total of 53 species distributed over 41 genera under 24 families have been studied from the collected materials of Cachar, North Cachar and Karbi Anglong (Mikir Hills) districts of Assam and incorporated in this thesis. A new genus Indobasilobella has been proposed under the family Basilobelbidae and 16 species are considered here as new to science.

Out of 24 families 2, of 40 genera 15, are recorded here for the first time from Indian territory. As the oribatid fauna of Assam has not been explored by any other worker, all these species and genera are first records from this area.

The known world distribution of Oribatid species recorded from Assam has been provided in a tabular form.

Key to the families, genera and species have been given. Generic diagnosis and elementary chaetotaxy have been provided also besides illustrations of new taxa. The histories of the families and genera have been dealt with briefly. Data concerning distribution of a genus and species have been given. Collection data for the species have been provided. Suitable remarks have been incorporated also under genera and/or species.