

Suborder **Endeostigmata** Reuter, 1909^{1, 2} (5 superfamilies, 10 families, 27 genera, 108 species; †3/5)

 Infraorder **Bimichaliida** Oconnor, 1984 (1 superfamily)³

 Superfamily **Alycoidea** G. Canestrini & Fanzago, 1877 (3 families)

 Family **Alycidae** G. Canestrini & Fanzago, 1877 (6 genera, 29 species; †0/2)^{4, 5}

 Family **Nanorchestidae** Grandjean, 1937 (5 genera, 45 species; †1/1)

 Family **Proterorhagiidae** Lindquist & Palacios-Vargas, 1991 (1 genus, 1 species)

 Infraorder **Nematallycina** Lindquist, Krantz & Walter, 2009 (1 superfamily)⁶

 Superfamily **Nematallycoidea** Strenke, 1954 (2 families)

 Family **Micropsammidae** Coineau & Theron, 1983 (1 genus, 1 species)

 Family **Nematallycidae** Strenke, 1954 (4 genera, 4 species)

 Family **Proteonematallycidae** Kethley, 1989 (1 genus, 1 species)

 Infraorder **Terpnacarida** Oconnor, 1984 (2 superfamilies)⁷

 Superfamily **Oehserchestoidea** Kethley, 1977 (1 family)

 Family **Oehserchestidae** Kethley, 1977 (1 genus, 4 species)

 Family **Grandjeanicidae** Kethley, 1977 (1 genus, 3 species)

 Superfamily **Terpnacaroidae** Grandjean, 1939 (1 family)

 Family **Terpnacaridae** Grandjean, 1939 (2 genera, 11 species)⁸

 Infraorder **Alicorhagiida** Oconnor, 1984 (1 superfamily)⁹

 Superfamily **Alicorhagioidea** Grandjean, 1939 (1 family)

 Family **Alicorhagiidae** Grandjean, 1939 (5 genera, 9 species; †2/2)

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1. **BY** David Evans Walter, Samuel Bolton, Matti Uusitalo & Zhi-Qiang Zhang (for full author addresses, see **Contributor roles and addresses** after **References**). The title of this contribution should be cited as “Suborder Endeostigmata Reuter, 1909. *In*: Zhang, Z.-Q. (Ed.) *Animal biodiversity: An outline of higher-level classification and survey of taxonomic richness*”.
2. Higher classification and estimates of genera and species within families generally follow Lindquist et al. (2009), with updates as otherwise indicated. To be consistent with Beaulieu et al. (2011), Schatz et al. (2011) and Zhang et al. (2011), the rank cohort is not used and older names for higher taxa are used.
3. Senior synonym of Alycyina (Lindquist, Krantz & Walter, 2009).
4. Uusitalo (2010) revised this family with several new genera.
5. Throughout this paper, counts of genera and species are totals (Recent and fossil); †x/y refers x genera and y species, among the totals, are based on fossil.
6. Proposed originally by Lindquist, Krantz & Walter, 2009 at the rank of cohort.
7. Terpnacarina of Lindquist, Krantz & Walter (2009).
8. Based on Momen et al. (2004) with updates.
9. Alicorhagiina of Lindquist, Krantz & Walter (2009).

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