

Fam. 1. *Cyclinidae* :—Corallum simple, disciform.

Group A.—*Spiniferi*: Septa represented by longitudinal rows of short spines.

*Acanthocyclus*, Dyb., Sil.

Group B.—*Alternati*: Septa, alternating in length, regularly arranged.

*Palæocyclus*, E. & H., Sil.

Group C.—*Sulcati*: Cup with one or more septal furrows, towards which some of the septa commonly incline.

*Microcyclus*, Meek, Dev.

*Campophyllum*, E. & H., Dev.

*Baryphyllum*, E. & H., Dev.

*Hadrophyllum*, E. & H., Dev.

Fam. 2. *Petraida* :—Corallum simple, conical, straight or curved, without columella.

*Petraia*, Munst., Sil., Dev., Carb.

*Polycælia*, King., Palæozoic.

*Kenephyllum*, Dyb., Sil.

Fam. 3. *Cyathaxonida* :—Corallum coniform, simple, a central columella present.

*Cyathaxonia*, Mich., Sil., Dev., Carb.

*Duncanella*, Nichol., Sil.

*Duncania*, de Kon., Carb.