

- Test oval or subcylindrical ; aperture, typically, a rounded orifice at one end, *Technitella*, Norman.
- Test long, cylindrical, slightly tapering ; in the form of a straight or curved tube open at both ends, . . . *Bathysiphon*, Sars.

Sub-family 3. **Saccammininæ**,—chambers nearly spherical ; walls thin, composed of firmly cemented sand-grains.

- Test a single globular chamber without any general aperture, the pseudopodia issuing from interstitial orifices, *Psammosphæra*, Schulze.
- A number of globular chambers adherent to each other, without distinct stoloniferous tubes, and with no general aperture, *Sorosphæra*, Brady.
- One or several globular, pyriform or fusiform chambers, with distinct apertures. Polythalamous forms with or without stoloniferous connections, *Saccamina*, M. Sars.

Sub-family 4. **Rhabdammininæ**,—test composed of firmly cemented sand-grains, often with sponge-spicules intermixed ; tubular ; straight, radiate, branched, or irregular ; free or adherent ; with one, two, or more apertures ; rarely segmented.

- Test elongate, tapering ; aperture at the broad end, . . . *Jaculella*, Brady.
- Test elongated, tubular, the closed end broad and rounded, sometimes inflated so as to form a distinct chamber ; tube simple or branched, free or adherent, *Hyperammina*, Brady.
- Test fusiform or cylindrical, with an aperture at each end ; largely composed of sponge-spicules, especially near the extremities, *Marsipella*, Norman.
- Test rectilinear, radiate, or irregularly branching ; with or without a central chamber. The open ends of the tubes forming the apertures, *Rhabdammina*, M. Sars.
- Test very variable in form ; usually consisting of irregular inflated sacs, either single and presenting several tubulated orifices, or combined in branching series, . . . *Aschemonella*, Brady.
- Unattached masses of fine flexible, simple or branching, chitino-arenaceous tubes, *Rhizammina*, Brady.
- Test a branching, reticulated, adherent, sandy tube, spreading over the surface of shells or stones ; apertures terminal, *Sagenella*, Brady.