

finely tubulated. Septa single or rarely double; no true interseptal canals. Aperture a single elongated slit, or a row of small rounded pores, at the inner edge of the final segment.

Test fusiform or subglobular; chambers entire, or only subdivided by the infolding of the septal wall; aperture an elongated central fissure, . . . . . *Fusulina*, Fischer.

(Sub-genera—*Hemifusulina*, *Fusulinella*, Möller.)

Test subglobular, elongated, or subcylindrical, seldom fusiform; chambers subdivided by true secondary septa; aperture either a simple central fissure or a row of rounded pores, . . . . . *Schwagerina*, Möller.

Sub-family 2. **Polystomellinæ**,—test bilaterally symmetrical; nautiloid. Lower forms without supplemental skeleton or interseptal canals; higher types with canals opening at regular intervals along the external septal depressions.

Supplemental skeleton either absent or rudimentary, and confined to the umbilical region; no external septal pores or bridges. Aperture a simple curved slit, . . . . . *Nonionina*, d'Orbigny.

Supplemental skeleton, septal bridges, and canal-system more or less fully developed; canals opening externally at the umbilicus and by a single or double row of pores along the sutures. Aperture a V-shaped line of perforations at the base of the septal face, . . . . . *Polystomella*, Lamarck.

(Sub-genus—*Faujasina*, d'Orbigny.)

Sub-family 3. **Nummulitinæ**,—test lenticular or complanate; lower forms with thickened and finely tubulated shell-wall, but no intermediate skeleton; higher forms with interseptal skeleton and complex canal system.

Test lenticular; consisting of a non-septate tube coiled upon itself in constantly varying direction, embedded in a thick mass of finely tubulated shell-substance. No supplemental skeleton nor canal system, . . . . . *Archædiscus*, Brady.

Test spiral, lenticular, inequilateral; chambers equitant, the alar prolongations on one side simple, on the other divided by deep constrictions so as to form supplementary lobes. Shell-wall thickened near the umbilicus and finely tubulated, but presenting no true canal system, . . . . . *Amphistegina*, d'Orbigny.