form of the central capsule is always monaxon (with a vertical allopolar main axis) and generally spheroidal; that of the skeleton is very varied.

10. Synopsis of the Subclasses and Legions:-

FIRST SUBOLASS. PORULOSA Vel HOLOTRYPASTA. Central capsule originally spherical, without osculum or principal opening, with innumerable fine pores.		OSCULOSA Vel MEROTRYPASTA. Central capsule originally monaxon, with an osculum at the basal pole of the vertical main axis.	
Central capsule originally spherical, homaxon.	Central capsule originally spherical, homaxon.	Central capsule originally ovoid, monaxon.	Central capsulo always spheroidal, monaxon.
Capsule-membrane single, pores innumerable, distributed all over.	Capsule-membrane single, pores numerous, regularly distributed.	Capsule-membrane single, a porous area (porochora) at the oral pole of the main axis.	Capsule-membrane always double, an astropyle (with radiate operculum) at the oral pole of the main axis.
Nuclous central, originally spherical (usually dividing late).	Nucleus excentric, (usually dividing early).	Nucleus excentric, near the aboral pole (dividing late).	Nucleus always spheroidal, in the main axis (dividing late).
Skeleton absent or siliceous, never centrogenous.	Skelcton always of acanthin, always centrogenous.	Skeleton siliceous, usually monaxon, extracapsular.	Skeleton of a silicate, always extracapsular.
Calymma always without pheodium.	Calymma always without phæodium.	Calymma always without phæodium.	Calymma always with phæodium.

11. Individuality of the Radiolaria.—Like other Protozoa the Radiolaria are unicellular organisms, the whole fully developed organisation of which falls under the category of a single cell, both morphologically and physiologically. Since this view is based upon the composition of the individual body out of two different morphological elements, nucleus and protoplasm, it is at once justified in the case of the majority of Radiolaria, in which the plasmatic body encloses only a single nucleus (the so-called "Binnen-Bläschen"); such is the case in all the Spumellaria monozoa, Nassellaria and Phæodaria. This aspect of the case might appear doubtful in those Radiolaria in which the simple primary cell-nucleus divides early into numerous small secondary nuclei, as is the case in the Spumellaria polyzoa and most Acantharia. Strictly speaking, the multinucleate central capsule should in such cases be regarded as a syncytium; but since the individual unity of the unicellular organism is as clearly defined in these precocious multinuclear Radiolaria as in the ordinary serotinous forms, the former must be considered unicellular Rhizopods just as are the latter. This mode of regarding