

STATOBLAST

Meaning: Statoblast: a dormant, asexual reproductive structure produced by freshwater bryozoans that enables survival during adverse environmental conditions.

1. The statoblast is a key reproductive structure in the life cycle of freshwater bryozoans.
2. During harsh environmental conditions, the statoblast allows the colony to survive by entering a dormant state.
3. Researchers discovered that the statoblast can remain viable for several years, waiting for suitable conditions to hatch.
4. In their aquatic habitat, statoblasts can be dispersed by water currents, leading to the colonization of new areas.
5. The study of statoblast formation provides insights into the evolutionary adaptations of bryozoans.

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