

ECHINOCYSTA

Xu Jinli et al 1997

p. 118-119, 153

Genus *Echinocysta* nov.

Derivation of name Greek, *echinos*, hedgehog; *kystis*, bag; with reference to the processes.

Type species *Echinocysta echinoides* (gen. et sp. nov.)

Diagnosis Cysts proximochorate, ovoid to ellipsoidal, bear many erect spines. The spines are various in length, distally tapered with the simple or expanded distal ends, and proximally widened with the root-like which are linked partly to form irregular reticular structure. The relationship between processes and paratabulation is unknown. The paratabulation indicated by archeopyle and paracingulum that is delimited by the absence of the processes or bounded by the processes ranged in line. Archeopyle intercalary, type 31. Operculum free or part opercular pices adherent.

Remarks *Echinocysta* gen. nov. is similar to *Delozonocysta* (gen. nov.) in overall shape of cysts and archeopyle, however, the relationship between processes and paratabulation in *Echinocysta* is unknown, whereas *Delozonocysta* possesses intratabular processes complexes that reflected peridiniacean paratabulation.

Geological age and geographic distribution Middle-Late Eocene. Jiyang Depression.

