

**Palusphaera** LECAL, 1965 emend. NORRIS, 1984

**Description:**

Coccospheres covered with styliform cyrtoliths the cyrtoliths having a basal disc that is circular in outline and with a single row of elements in the marginal rim, the elements being rectangular to slightly cuneiform, and sometimes slightly overlapping one another; a second ring of elements usually lies directly interior to the marginal rim, the elements being narrow, slightly cuneate and sometimes having rounded ends. These elements are imbricated, lie in a strongly dextrous single row and in some distal views are difficult to see because the rim elements may be elevated on the internal margin, obscuring the second row of elements which lies at a lower level. The central area is comprised of similarly shaped elements to the internal ring, slightly larger and occurring in two or more cycles that are sinistrally oriented. A narrow spine emerges from the center of the central area and is comprised of imbricate lath-like elements, the free ends lying distally. There is a spiral pattern developed by the elements along the length of the spine. A pore leading into the process is visible on the proximal side of the basal disc.

**Type species:**

*Palusphaera vandeli* LECAL, 1965.

**Author:**

Norris R.E., 1984, p. 34.

**Reference:**

Indian Ocean nannoplankton. I. Rhabdosphaeraceae (Prymnesiophyceae) with a review of extant taxa. J. Phycol., vol. 20, pp. 27-41, 16 text-figs.