Stephanolithion atmetros Cooper (1987)

Fig. 1, 9-12

**Derivation of name:** atmetos, Gk. undivided.

**Diagnosis:** An elliptical species of *Stephanolithion* with a central bar.

**Description:** A very elliptical coccolith which consists of two cycles of elements. The distal shield has numerous protuberances and contains 34-36 elements. The elements in the proximal rim are extended into the central area and there is a central bar made up of well-developed elements which support a central spine.

**Differentiation:** This species differs from *S. helotatus* in being more elliptical and in possessing a central bar, rather than four bars supporting the spine.

**Remarks:** There is a lineage from *S. bigoti* to *S. atmetros* by loss of lateral spines and central bars.

**Holotype:** Negative No. UCL-1506-21.

**Isotypes:** Negative No's UCL-1513-1, UCL-1516-5, UCL-1516-6.

**Dimensions:** Length 3.9 μm,

**Type locality:** Gorodishche, U.S.S.R.

**Type level:** panderi Zone, pavlovi Subzone, Middle Volgian.

**Range:** U.S.S.R., mid-Volgian (panderi Zone); England, Upper Kimmeridgian (pallasioides-fittoni Zones).