
**Derivation of name:** After Kiren MacLeod, son of the TDP Phase II team co-chief and principal geochemist.

**Diagnosis:** A very small to small, dark form comprising a single cycle of four radial, triangular/trapezoid elements of equal size. At the centre, there is usually a very small structure composed of four equidimensional crystallites.

**Remarks:** As yet, we have not seen this taxon in the SEM. This is a very distinctive form, but is possibly the spine-top of an as yet undescribed coccolith. We tentatively place this in *Petrarhabdus* until we have more information, because the spine-top in *Petrarhabdus* is similarly distinctive and composed of four subtriangular elements. However, *Petrarhabdus* is much larger and more robust-looking, with high yellow birefringence, and usually attached to a coccolith of equivalent or larger dimensions that is easily visible in the LM.

**Holotype:** Pl. 2, fig. 13.
Dimensions: \( L = 2.3\mu m, \ W = 2.3\mu m \).

Paratype: Pl. 2, fig. 11.

Type locality: TDP Site 39, NW of Nangurukuru junction, SW of main road, coastal Tanzania.

Type level: TDP39/32-1, 0cm, UC10, Coniacian.

Occurrence: TDP Sites 26, 29, 31, 33, 34, 36, 37, 38, 39;
Middle Cenomanian-Coniacian, ?Lower Maastrichtian; UC3a/b–UC11, ?UC19.