
**Diagnosis:** A high wall species of *Radiolithus* having ten to sixteen brick-like elements in each cycle of the wall.

**Derivation of name:** In honour of Dr. J. F. LAING, Senior Palynologist, Simon-Robertson, Llandudno, North Wales, UK.

**Holotype:** Pl. 3, Fig. 2.

**Type level and locality:** Basal-upper Albian, Dutch sector of North Sea.

**Dimensions of holotype:** Maximum diameter: 7.0 µm.

**Diameter of diaphragm:** 3.0 µm.

**Remarks:** The specimens with ten to twelve elements in each cycle of the wall are most common. *R. laingii* differs from *R. hollandicus* in having a high wall (> 4 µm) and wider wall elements in plan view which are strongly birefringent under cross-polarised light.

**Occurrence:** *R. laingii* is present throughout upper Aptian to basal upper Albian sediments in the North Sea area and Northwest Europe (onshore Holland and Germany).