

Upper *Lygistepollenites balmei* Zone: 2461 metres

Late Paleocene.

The top of the Paleocene and top of the Upper *L. balmei* Zone is identified on the youngest frequent to common occurrence of *Lygistepollenites balmei* which occurs in cuttings at 2461m. The sample also contains *Polycolpites langstonii* which occurs no younger than this zone, whilst the presence of *Cyathidites gigantis* and *Proteacidites incurvatus* suggest an age no older than this zone.

Lower *Lygistepollenites balmei* Zone: 2504-2688.5 metres Early Paleocene.

Only the shallowest cuttings at 2504m can be assigned with confidence to the Lower subdivision of the *L. balmei* Zone based on the presence of *Tetracolporites verrucosus*. The other seven samples only contain indicator species indicative of the broader *L. balmei* Zone. They can however be considered no younger than the Lower subdivision based on superposition and are certainly no older. Distinctive spore-pollen from this interval include *Lygistepollenites balmei*, *Gambierina rudata*, *Peninsulapollis gillii* and *Polycolpites langstonii*.