Character 18 - 'Sclerites: Bivalved: Muscle scars: Dorsal diductor: position' Character adds 8 to tree score 2 Acanthotretella applicable region (1 + 5)Lingulosacculus additional region (5) Lingulellotreta malongensis state changes (3) Haplophrentis carinatus Pedunculotheca diania Novocrania Craniops Ussunia Gasconsia Coolinia pecten Antigonambonites planus Orthis Terebratulina ? Alisina Longtancunella chengjiangensis Glyptoria Nisusia sulcata Kutorgina chengjiangensis Tomteluva perturbata Yuganotheca elegans 2 Salanygolina Micromitra Askepasma toddense Lingula Eoobolus Clupeafumosus socialis Pelagodiscus atlanticus Mummpikia nuda Mickwitzia muralensis Heliomedusa orienta ? Micrina ? Paterimitra ? Phoronis ? Eccentrotheca Dailyatia 1: Close to commissural plane 2: Oblique to commissural plane 3: At high angle to commissural plane ?: Ambiguous -: Inapplicable

Character 18 – 'Sclerites: Bivalved: Muscle scars: Dorsal diductor: position'