**Table 1.** Stratigraphic and facies distribution of Eocene Antarctic chondrichthyans with relative abundances of teeth of *Striatolamia macrota*. Very rare: <10 teeth; rare: <20 teeth; common: <100 teeth; abundant: >500 teeth; very abundant: >1,000 teeth.

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| **TELM** | **Facies** | **SST** | **Chondrichthyan association** |
| 7 | shallow marine  inner estuary channels | ca. 7-8°C  ca. 5°C | *Squalus* sp., *Squatina* sp., *Pristiophorus* *laevis*, *Carcharocles* *sokolovi*, *Palaeohypotodus* cf. *rutoti*, ***Striatolamia* cf. *macrota* (very rare)**, *Ischyodus* *dolloi* |
| 6 | estuary | ca. 7°C  ca. 15°C | *Pristiophorus* *laevis*, *Notoramphoscyllium woodwardi*, *Coelometlaouia pannucea*, *Carcharias* sp. 2, *Carcharias* sp. 3, ***Striatolamia* *macrota* (very rare)**, *Mustelus* sp., *Galeoorectopsis cristatus*, *Kallodentis rhytistemma*, *Raja manitaria,* *Raja amphitrita, Ischyodus* *dolloi* |
| 5 | estuary | ca. 10-11°C | *Heptranchias* *howelli*, *Hexanchus* sp., *Centrophorus* sp. 1, *Centrophorus* sp. 2, *Eodalatias austrinalis*, *Squalus* *weltoni*, *Squalus* *woodburnei*, *Pristiophorus* *laevis*, *Squatina* sp., *Notoramphoscyllium woodwardi*, *Coelometlaouia pannucea*, Orectolobiformes gen. et sp. indet. A, Orectolobiformes gen. et sp. indet. B, *Anomotodon* *multidenticulata*, *Cetorhinus* sp., *Macrorhizodus* *praecursor*, *Brachycarcharias lerichei*, *Palaeohypotodus* *rutoti*, ***Striatolamia* *macrota* (very abundant)**, *Odontaspis winkleri*, *Carcharias* sp. 1, *Carcharias* sp. 2, *Mustelus* sp., *Galeoorectopsis cristatus*, *Kallodentis rhytistemma*, *Galeorhinus* sp., *Abdounia richteri*, *Abdounia mesetae*, *Raja manitaria,* *Raja amphitrita, Marambioraja leiostemma*, *Mesetaraja maleficapelli*,Myliobatiformes gen. indet., *Ischyodus* *dolloi* |
| 4 | estuary | ca. 10-11°C | *Paraorthacodus* sp., *Heptranchias* *howelli*, *Hexanchus* sp., *Centrophorus* sp. 1, *Eodalatias austrinalis*, *Deania* sp., *Squalus* *weltoni*, *Squalus* *woodburnei*, *Pristiophorus* *laevis*, *Squatina* sp., *Anomotodon* *multidenticulata*, *Carcharocles* *auriculatus*, *Cetorhinus* sp., *Macrorhizodus* *praecursor*, *Brachycarcharias lerichei*, *Palaeohypotodus* *rutoti*, ***Striatolamia* *macrota* (abundant)**, *Odontaspis winkleri*, *Carcharias* sp. 1, *Carcharias* sp. 2, *Carcharhinus* sp., *Marambioraja leiostemma*, Myliobatiformes gen. indet., *Chimaera* *seymourensis*, *Ischyodus* *dolloi* |
| 3 | delta plain – estuary | ca. 10-11°C  ca. 15°C | *Pristiophorus* *laevis*, *Carcharocles* *auriculatus*, *Brachycarcharias lerichei*, ***Striatolamia* *macrota* (common)**, Myliobatiformes gen. indet., *Ischyodus* *dolloi* |
| 2 | delta front |  | *Carcharias* sp. 2, *Brachycarcharias lerichei*, ***Striatolamia* *macrota* (rare)**, Myliobatiformes gen. indet., *Callorhinchus stahli*, *Chimaera* *seymourensis*, *Ischyodus* *dolloi* |
| 1-2 | prodelta?/  inner estuarine? |  | *Centrophorus* sp., *Deania* sp., *Carcharocles* *auriculatus*, ***Striatolamia* *macrota* (very rare)** |