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Appendix 5.6: Average similarities and average abundances (4th root transformed) of up to the tree species selected by SIMPER analysis as contributing (%C) the most to average similarity (in order of higher to lower contribution) among samples (for all cover types) for Aldinga Bay beach sections, for each seasonal sampling occasion and overall year.

Appendix 5.7: Average similarities and average abundances (4th root transformed) of the tree species selected by SIMPER analysis as contributing (%C) the most to average similarity (in order of higher to lower contribution) among samples (for all cover types) for Moana Bay beach sections, for each seasonal sampling occasion and overall year.

Appendix 6.1: Taxonomy of nematode worms collected from study beaches, to Order, but only Genus names for some species (Platt & Warwick 1983; 1988; Warwick *et al.* 1998). Feeding guilds, based on buccal cavity structure (Jensen 1987) are also given.

Appendix 6.2: Summary tables for results of ANOVA tests on measured sediment variables (all square-root transformed to meet the assumptions for ANOVA; MGS [μm]: mean grain size; percent moisture: moisture (%); BD [g/mL]: bulk density; PR [kg/cm^2]: penetration resistance and PC [mL/cm^2/s]: percolation rate) and meiofaunal abundance and species richness (SR; both square-root transformed to meet the assumptions for ANOVA) for a) nested 3-factor ANOVA between-beaches, and for 2-factor ANOVA within-beaches ($n = 45$ samples) at b) Aldinga; and c) Moana Bays. Significance values are indicated with asterisks (p values: * < 0.05; ** < 0.01; blank = NS).