Supplement A: Species of benthic foraminifera of the Murray ridge, with reference to plates and figures in the literature.

Supplement B: Raw data counts.

Supplement C: PCA plot based on the relative abundances of the dominant species (>2% in at least one sample) for the top first cm (0-1cm) in the >63µm size fraction, together with geochemical data (chlorophyll a: **Chl *a***, organic carbon: **Corg**, bottom-water oxygenation: **BWO**, oxygen depth-penetration: **O2**, nitrate depth-penetration: **NO3** and water depth: **Depth**) and plot of the percentages of the three defined groups at the different sites.