Fig 1. Burrows Bay, WA.

Fig. 2. Photograph of *Muusoctopus leioderma.*

Fig. 3. Boxplot comparing the RMR of two treatment lengths (one and seven days) from the 1000 pCO2 treatment groups.

Fig 4. Boxplot comparing the RMR of the two treatment groups (1000 pCO2 and 1800 pCO2).

Fig 5. Boxplot comparing the pCrit O2 of the four pCO2 treatment groups.

Fig 6. Scatterplot showing the relationship of RMR and Partial Pressure O2. The pCrit is represented by the point where the vertical line intersects with the logarithmic trendline.