

Supplement 1

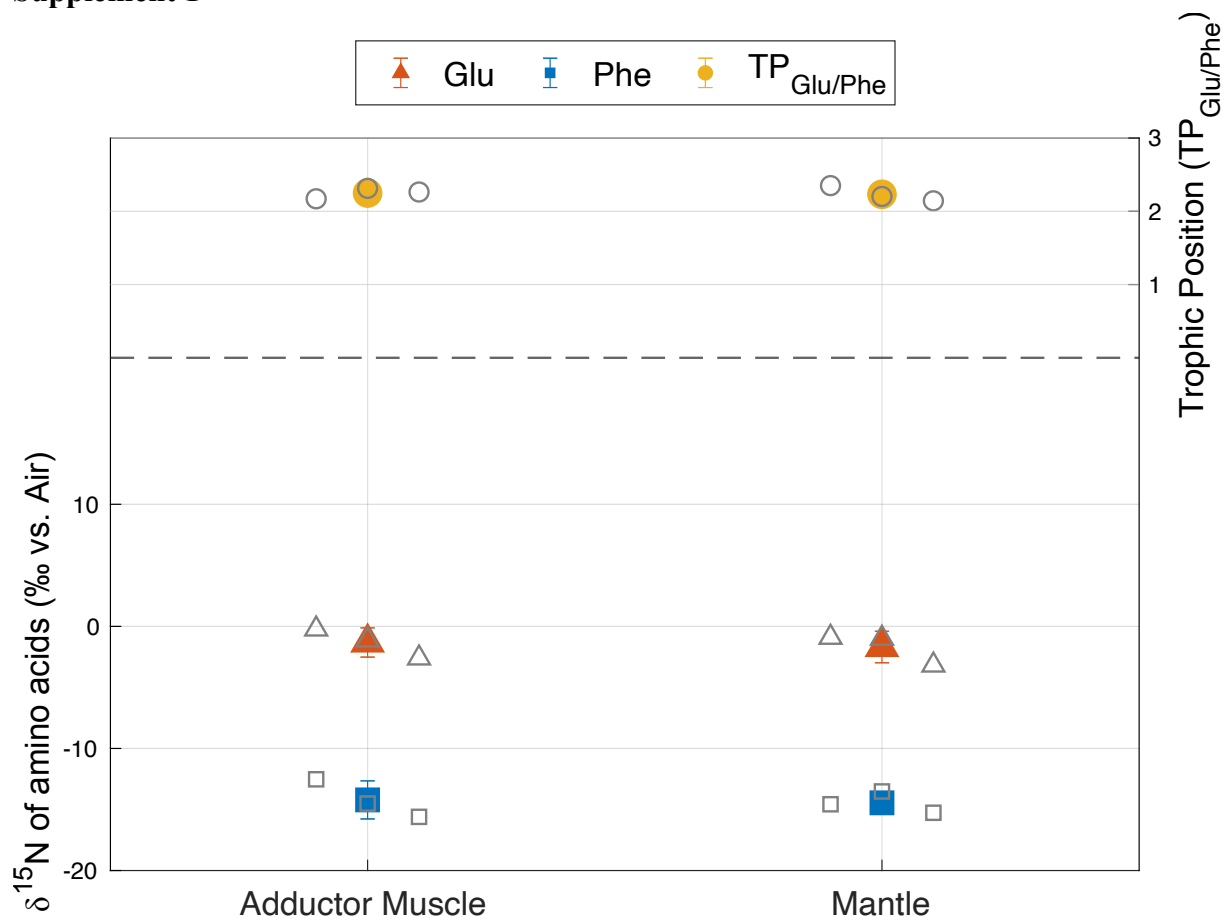


Fig. S1.  $\delta^{15}\text{N}$  of glutamic acid ( $\delta^{15}\text{N}_{\text{Glu}}$ ), phenylalanine ( $\delta^{15}\text{N}_{\text{Phe}}$ ), and trophic position ( $\text{TP}_{\text{Glu/Phe}}$ ) for adductor muscle and mantle of *Phreagena okutanii*.

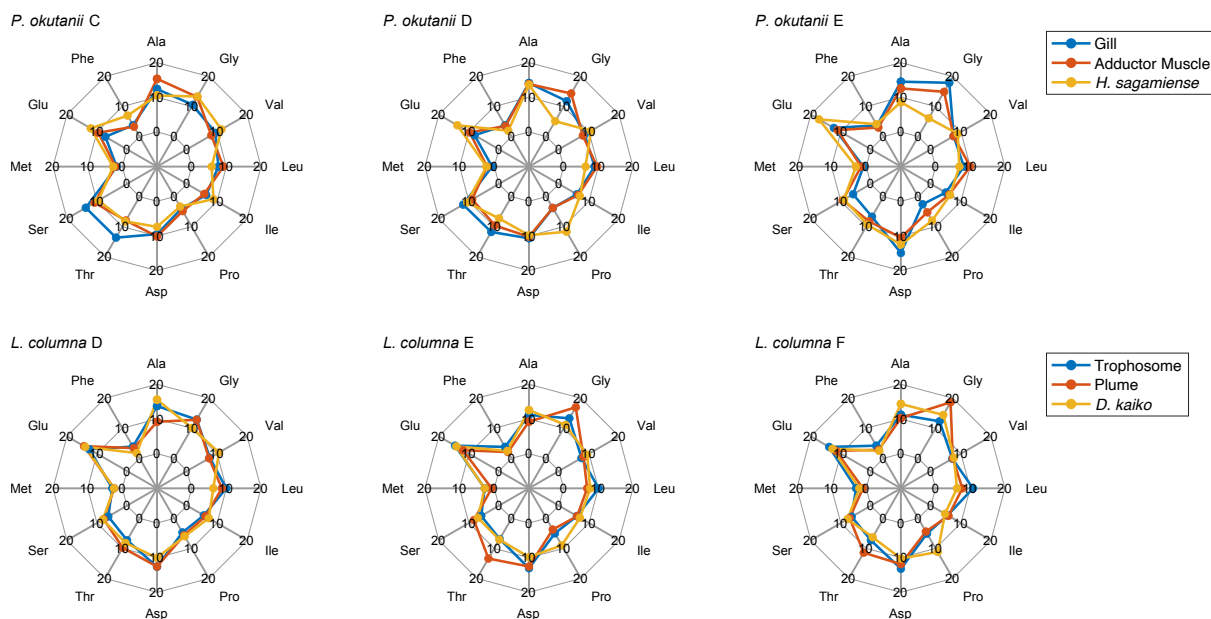


Fig. S2. Radar chart for relative concentration data (%) of 12 amino acids in the *Phreagena-Hyphalion* association and the *Lamellibrachia-Dirivultus* association.