

Appendix C. Proportion of the diet derived from plankton versus periphyton-based food webs derived from $\delta^{13}\text{C}$ values. $\delta^{13}\text{C}$ fractionation between trophic levels estimated at 0.4‰. Trophic step assumed to be 1 for invertebrates and 2 for fish (based on $\delta^{15}\text{N}$ values). (Mean \pm SE)

*Indicates a group containing fish that consumed *P. antipodarum*. BB – Baker Bay, YB – Youngs Bay, Y1 – 1 Year, YOY – Young of the year.

	Periphyton	Plankton (> 80 μm)
Pacific staghorn sculpin YB *	0.34 \pm 0.08	0.66 \pm 0.08
Pacific staghorn sculpin BB	0.62 \pm 0.1	0.38 \pm 0.1
Shiner perch YB (Y1) *	0.59 \pm 0.06	0.41 \pm 0.06
Shiner perch BB (Y1)	0.69 \pm 0.07	0.31 \pm 0.07
Threespine stickleback YB	0.16 \pm 0.05	0.84 \pm 0.05
Threespine stickleback BB	0.12 \pm 0.05	0.88 \pm 0.05
English sole BB (YOY) *	0.53 \pm 0.09	0.47 \pm 0.09
Starry flounder BB (YOY)	0.42 \pm 0.12	0.58 \pm 0.12
<i>Gnorimosphaeroma insulare</i>	0.75 \pm 0.2	0.25 \pm 0.2
<i>P. antipodarum</i> (NZMS)	0.73 \pm 0.08	0.27 \pm 0.08
<i>Mysid spp.</i>	0.59 \pm 0.1	0.41 \pm 0.1
<i>Eogammarus confervicolus</i>	0.57 \pm 0.18	0.43 \pm 0.18
<i>Crangon spp.</i>	0.48 \pm 0.06	0.52 \pm 0.06
<i>Americorophium spp.</i>	0.28 \pm 0.08	0.72 \pm 0.08

Nereid polychaetes	0.19 ± 0.07	0.81 ± 0.07
Bivalves	0.08 ± 0.04	0.92 ± 0.04
