

Appendix B. Index of Relative Importance Values for fish caught during Summer 2008 (Maximum n = 10 per site per sampling date). Target fish included threespine stickleback (TSS), Pacific staghorn sculpin (PSS), shiner perch (SP) yearling (Y1) and young of the year (YOY), English sole (ES), and starry flounder (SF). New Zealand mudsnail (NZMS) were found in the diets of several fish. S+I refers to the content of ‘stomach plus intestines’. Invertebrates are usually identified by genus or order. ‘Eogam’ refers to the amphipod *Eogammarus confervicolus*, ‘cancer meg’ refers to cancer crab megalops (larvae), and ‘other poly’ refers to unidentified polychaetes.

Bay	Baker	Youngs	Baker	Youngs	Baker	Baker	Youngs	Youngs	Baker	Baker	Baker	Baker	Youngs
Fish Species	TSS	TSS	PSS	PSS	Y1	YOY	SP Y1	YOY	YOY	Y1	YOY	Y1	SF
With NZMS													
(S+I)	0	0	0	1	0	0	2	0	2	0	0	0	0
Total n	11	60	10	11	9	25	6	44	55	2	23	6	1
NZMS IRI	0	0	0	1.7	0	0	98.34	0	0.77	0	0	0	0
%IRI NZMS	0	0	0	0.14	0	0	32	0	0.04	0	0	0	0

Americorophium													
IRI	136.4	9013.75	158.8	509.6	0	213.7	160.7	10458.7	794.3	0	788.4	4.82	200
%Americ. IRI	50.9	62	29.1	40.8	0	17.8	52.3	77.9	41.3	0	55.9	0.62	100
Nereid IRI	106	534	303.6	0	187.8	0	0	36.08	579.2	0	576	763.2	0
%IRI Nereid	39.5	3.7	55.7	0	38.1	0	0	0.27	30.1	0	40.1	98.8	0
Gammarid IRI	25.8	303.5	0	22.3	0	3.04	0	24.66	349.7	200	4.74	4.39	0
%IRI Gammarid	9.6	2.1	0	1.78	0	0.25	0	0.18	18.2	100	0.34	0.57	0
Mysid IRI	0	2.71	6.34	0	0	0	0	0	191.4	0	14.6	0	0
%IRI Mysid	0	0.02	1.16	0	0	0	0	0	9.96	0	1.03	0	0
Copepod IRI	0	4673.1	0	0	297.9	798	48.4	2912.2	2.79	0	0	0	0
%IRI Copepod	0	32.2	0	0	60.5	66.4	15.8	21.68	0.15	0	0	0	0
Crangon IRI	0	3.36	76.8	712.7	0	0	0	0	0	0	0	0	0
%IRI Crangon	0	0.02	14.1	57	0	0	0	0	0	0	0	0	0
Eogam IRI	0	0	0	1.5	0	169.4	0	0	0	0	27	0	0
%IRI Eogam	0	0	0	0.12	0	14.1	0	0	0	0	1.94	0	0

