

Table S1. The frequency occurrence (%FO), minimum number of individuals (MNI), percent of MNI (%MNI), reconstituted mass (Mass), and percent of reconstituted mass (%Mass) of fish species identified from stomach contents collected from adult Chinstrap and Gentoo penguins during the crèche period at Cape Shirreff, Livingston Island in 2008 and 2009.

Penguin species, fish prey	2008					2009				
	%FO	MNI	%MNI	Mass (g)	%Mass	%FO	MNI	%MNI	Mass (g)	%Mass
Chinstrap penguin										
<i>Protomyctophum bolini</i>	3.3	1	1.9	0.5	0.1	0.0	0	0.0	0.0	0.0
<i>Electrona antarctica</i>	23.3	28	52.8	161.1	17.2	0.0	0	0.0	0.0	0.0
<i>Gymnoscopelus nicholsi</i>	13.3	5	9.4	148.4	15.8	0.0	0	0.0	0.0	0.0
<i>Notolepis coatsi</i>	13.3	14	26.4	566.5	60.5	0.0	0	0.0	0.0	0.0
<i>Pleuragramma antarcticum</i>	3.3	2	3.8	1.9	0.2	43.3	42	100.0	103.0	100.0
<i>Trematomus newnesi</i>	10.0	3	5.7	58.0	6.2	0.0	0	0.0	0.0	0.0
Gentoo penguin										
<i>Gymnoscopelus nicholsi</i>	30.0	11	10.1	375.7	24.2	0.0	0	0.0	0.0	0.0
<i>Lepidonotothen sp.</i>	40.0	13	11.9	74.4	4.8	42.9	13	0.4	41.2	1.0
<i>Pleuragramma antarcticum</i>	40.0	61	56.0	124.8	8.0	92.9	2947	99.3	3701.3	89.8
<i>Trematomus newnesi</i>	40.0	4	3.7	312.2	20.1	7.1	1	0.0	179.6	4.4
<i>Champtocephalus gunnari</i>	50.0	14	12.8	668.4	43.0	21.4	4	0.1	197.6	4.8
Unknown fish sp.	50.0	6	5.5	-	-	7.1	2	0.1	-	-