

First reports of trace element bioaccumulation in the Antarctic deep-sea squid *Psychroteuthis glacialis*

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Supplementary Material

Table S. 1. Recovery concentrations ($n=4$) for the analysis of the certified reference material (CRM, TORT 3; mean $\pm$ standard deviation).

Trace element	Measured concentration $\mu\text{g g}^{-1}\text{ dw}$	CRM value $\mu\text{g g}^{-1}\text{ dw}$	Recovery (%)
As	61.0 ± 6.2	59.5 ± 3.8	103
Cd	38.2 ± 3.9	42.3 ± 1.8	90
Co	1.06 ± 0.19	1.06	100
Cu	446 ± 60	497 ± 22	90
Fe	194 ± 20	179 ± 8	108
Hg	0.402 ± 0.010	0.429 ± 0.034	94
Mn	14.4 ± 1.7	15.6 ± 1.0	93
Ni	6.27 ± 0.60	5.30 ± 0.24	118
Pb	0.319 ± 0.041	0.225 ± 0.018	142
V	8.4 ± 1.0	9.1 ± 0.4	93
Zn	120 ± 13	136 ± 6	88

S.Figure 1. Principal component analysis (PCA) presenting the trace element concentrations measured in mantle and digestive gland (DG) tissues of *Psychroteuthis glacialis*.

