

Supplemental Table 3: Environmental variables measured at bottom depth in bryozoan-rich and habitat-forming bryozoan sites.

Cruise Site Date	Region	Depth (m)	Temp. (°C)	Salinity (PPT)	Fluorometer (mg/m ³) / Chlorophyll α (mg/m ³)
NBP 1210 013113	Ross Sea	585	-1.90	34.7	0.25
NBP 1210 020113	Ross Sea	544	-1.00	34.5	0.25
NBP 1210 020313	Ross Sea	546	-1.85	34.7	0.25
NBP 1210 020413	Ross Sea	618	-1.60	34.5	0.25
NBP 1210 020513	Ross Sea	765	-1.85	34.7	0.25
NBP 1210 020613	Ross Sea	406	-1.80	34.7	0.25
PS81 194-1 2013	Palmer Archipelago-Scotia Sea	188	-1.56	34.5	0.24
PS81 196-2 2013	Palmer Archipelago-Scotia Sea	446	-1.31	34.5	0.23
PS81 198-2 2013	Palmer Archipelago-Scotia Sea	170	-1.29	34.4	0.22
PS81 199-1 2013	Palmer Archipelago-Scotia Sea	394	-1.33	34.5	0.25
PS 96 007-1 2015	Weddell Sea	415	-1.88	34.4	0.26
PS96 001-4 2015	Weddell Sea	313	-1.82	34.4	0.26
PS96 010-3 2016	Weddell Sea	284	-1.90	34.4	0.26
PS96 090-4 2016	Weddell Sea	281	-1.84	34.4	0.30
PS96 106-2 2016	Weddell Sea	206	-1.89	34.3	0.26
PS96 057-3 2016	Weddell Sea	250	-1.72	34.4	0.24