

Peatland Ecosystem Processes in the Maritime Antarctic During Warm Climates

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Supplementary Information

Table S1. Radiocarbon dating information.

| sample ID | Depth (cm) | Dated material | ¹⁴ C date ± error (yr BP) | Median age [#] (cal. BP) | Lab ID |
|-----------|---------------------|----------------|--------------------------------------|-----------------------------------|-------------|
| RAS-1-01 | 00-01 [*] | moss stems | 1.0379 ± 0.0033 [†] | 1962 or 1985 AD | CAMS-170310 |
| RAS-1-09 | 09-10 | moss branches | 2270 ± 90 | 2225 | CAMS-170228 |
| RAS-1-19 | 19-20 | moss branches | 2290 ± 120 | 2250 | CAMS-170229 |
| RAS-1-29 | 29-30 | moss branches | 2010 ± 60 | 1925 | CAMS-170230 |
| RAS-1-39 | 39-40 | moss stems | 2540 ± 60 | 2575 | CAMS-170231 |
| RAS-1-49 | 49-50 ^{**} | moss stems | 2550 ± 45 | 2750 | CAMS-170248 |

^{*}δ¹³C = -24.3‰ ^{**}δ¹³C = -20.0‰ [#]Calibrated using the ShCal13 dataset

[†]Post-bomb date; fraction of modern radiocarbon (F¹⁴C) is reported.