

Table S1

Table S1. Radiocarbon dating results and calibration carried out using Calib 8.2 (Stuiver and Reimer, 1993) and Marine20 calibration curve (Heaton et al., 2020) and using a regional value for the marine reservoir correction (ΔR) of $= -40 \pm 20$ years (14CHRONO Marine Reservoir Database; www.calib.org), estimated based on measurements in *A. islandica* shells from Grimsey (Scourse et al., 2012).

Laboratory ID	Shell ID	Sample details	^{14}C AMS age ($\pm 1\sigma$ yr BP)	2σ calibrated age range (cal yr BP) calibrated using Marine20
11531	061617	W. Grimsey, Depth: 80-85 m (bl s)	2841 \pm 33	2313-2665
11539	061711	W. Grimsey, Depth: 80-85 m (bl s)	2938 \pm 33	2403-2736
11525	061407	W. Grimsey, Depth: 80-85 m (bl s)	3411 \pm 37	2977-3331
11540	061746	W. Grimsey, Depth: 80-85 m (bl s)	3535 \pm 36	3134-3460
11517	061305	W. Grimsey, Depth: 80-85 m (bl s)	4222 \pm 40	3984-4380