
Appendix 1

Weekly distance to the colony of origin for tracked Brünnich’s guillemots (red, n = 5) and common guillemots (blue, n = 7). On each box, the central mark is the median, the edges of the box are the 25th and 75th percentiles, the whiskers extend to the most extreme data points not considered outliers, and outliers are plotted individually.
Appendix 2

Individual winter (December and January) distribution of Brünnich’s (A) and common guillemots (B). Each individual is represented by a different colour. The white point shows the breeding colony. Map projection: Albers equal area conic.
Appendix 3

Weekly foraging behaviour of Brünnich’s and common guillemots (n = 5 and n = 7, respectively) throughout the non-breeding season. Values are ± SE. The continuous line indicates the period during which common guillemots are exposed to the polar night at 72ºN.
Appendix 4

Winter (December and January) distribution of Brünnich’s (A) and common guillemots (B) by sex. Males and females are represented in blue and pink, respectively. The white point shows the breeding colony. Map projection: Albers equal area conic.