

APPENDIX



Fig. A1. The Bird Rock sea stack and the adjacent mainland nesting sites of Northern Gannets and other seabirds. Photo credit: William A. Montevecchi

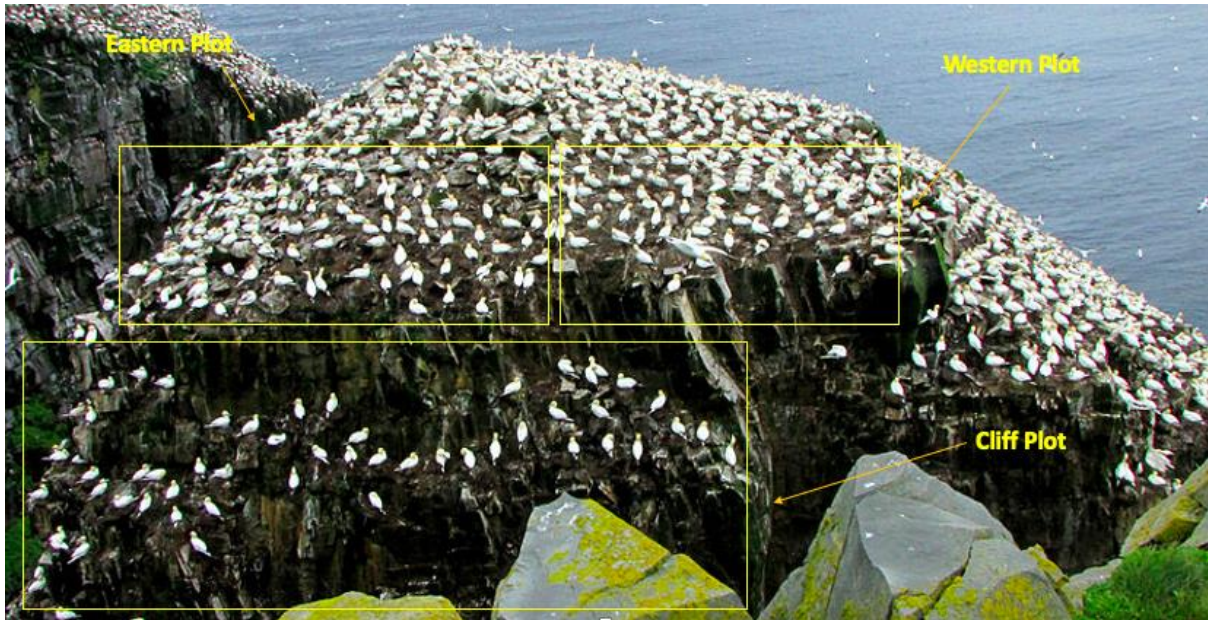


Fig. A2. Study plots on the Bird Rock Stack at Cape St. Mary's, Newfoundland and Labrador. Photo credit: Noah G. Careen

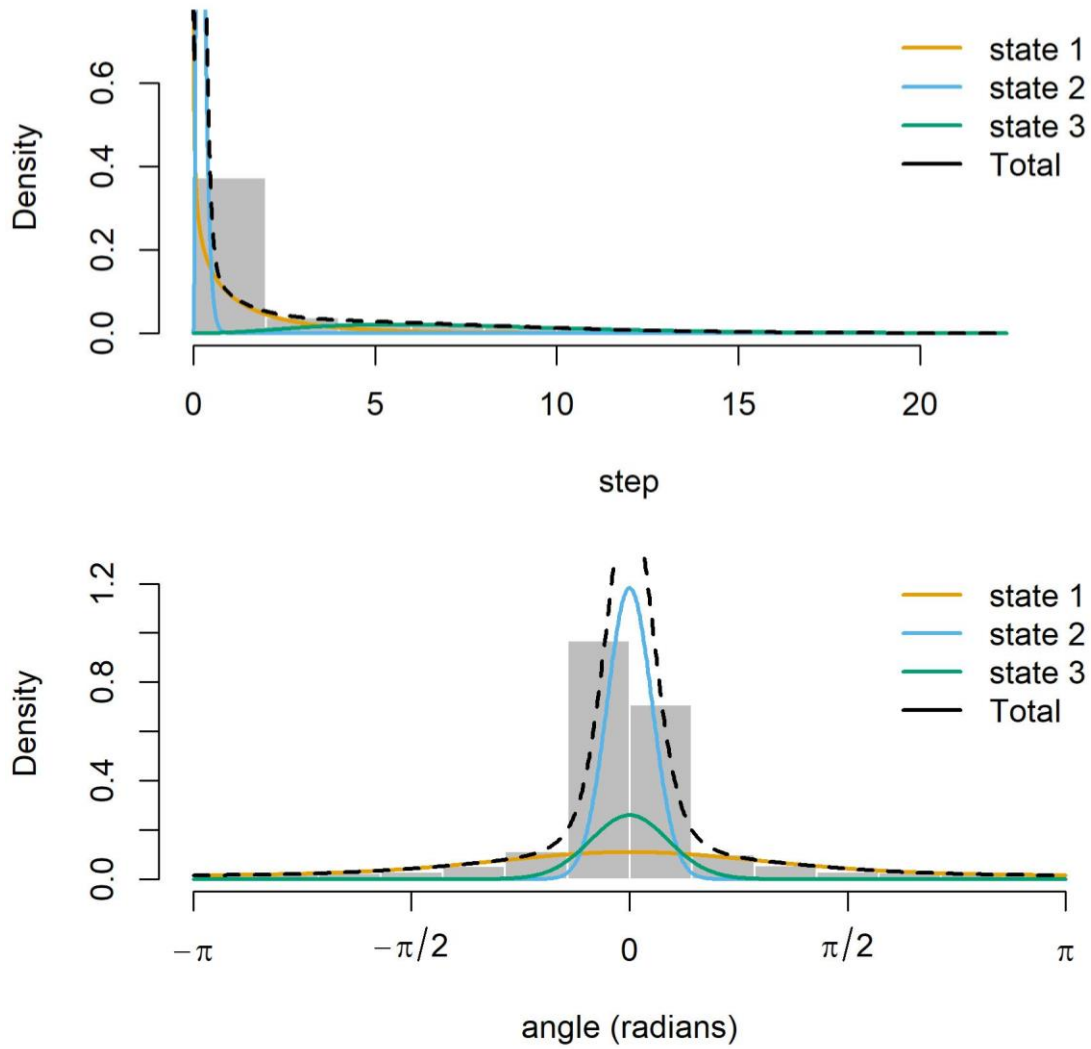


Fig. A3. Distributions of the step lengths (km) and turning angles (radians) for behavioural states of Northern Gannets foraging during the 2022 breeding season. State 1 is interpreted as area-restricted search, state 2 is resting and state 3 is transiting.

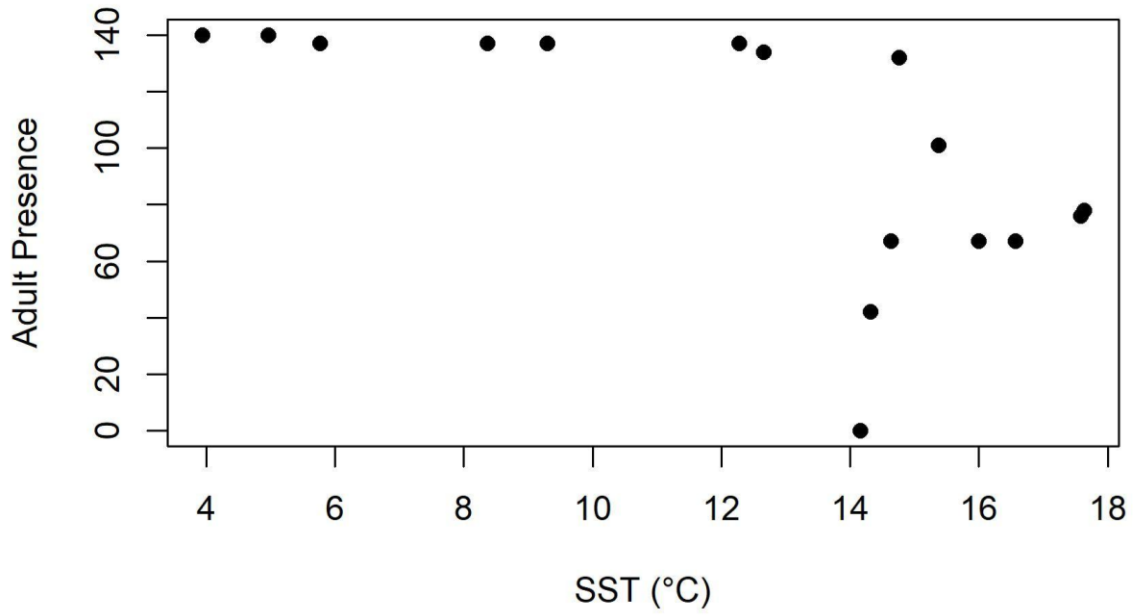


Fig. A4. Scatterplot demonstrating the sea surface temperature at which parental Northern Gannets abandoned their nest in 2022.

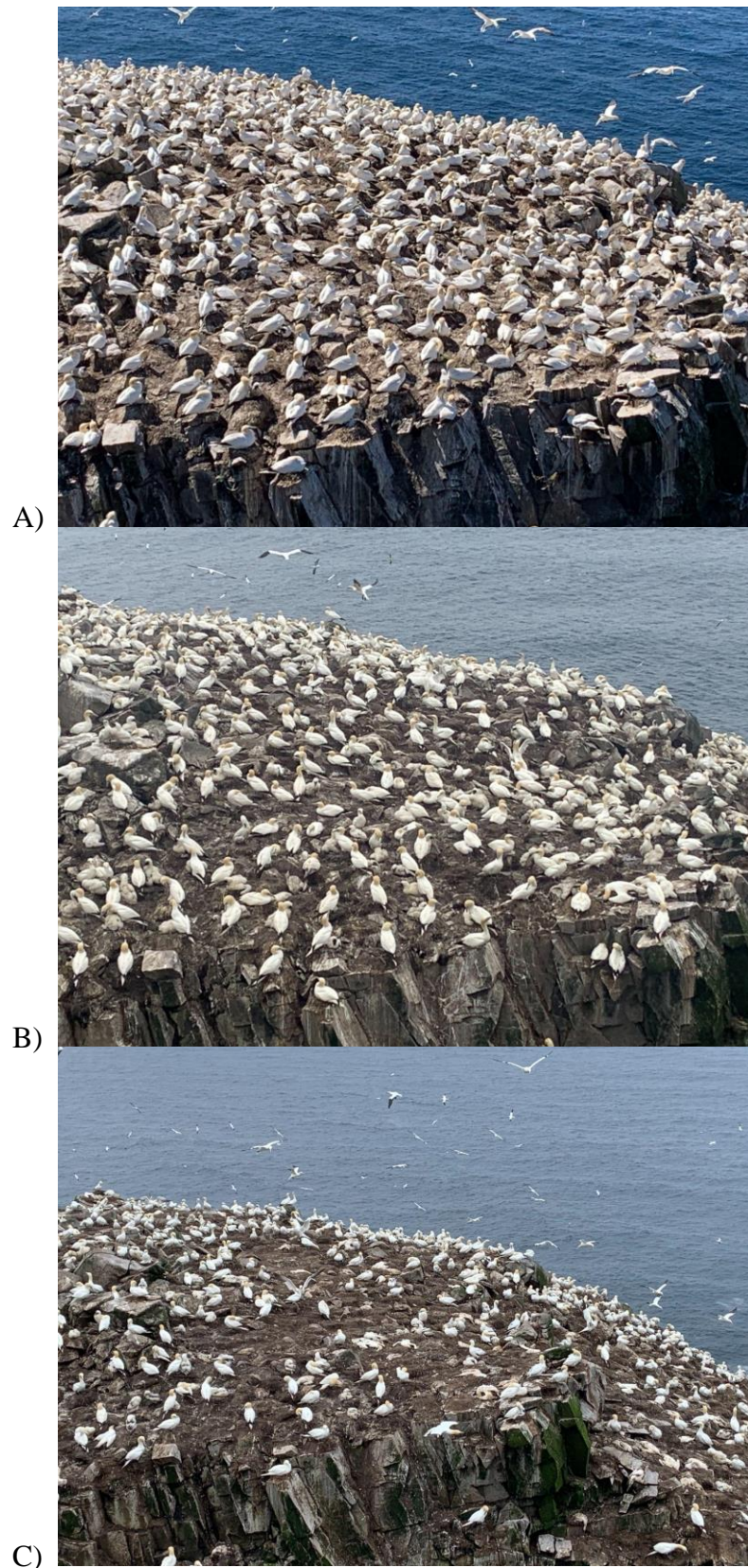


Fig. A5. Photographs taken of the gannet colony at Cape St. Mary's Ecological Reserve documenting A) before deaths from the HPAI outbreak (17 July 2022), B) the first few deaths (29 July 2022), and C) mass deaths and colony abandonment (08 August 2022). Photo credit: Chris Mooney