

**Appendix 1.** Number of individuals detected ( $n$ ) and length of stay (mean  $\pm$  SE and range, in days) at postbreeding dispersal sites in Nantucket Sound, MA of Common Terns (*Sterna hirundo*;  $n = 14$ ) from three nesting colonies throughout the western North Atlantic.

Site	$n$	Mean Length of Stay (d)	SE	Min	Max
Petit Manan colony					
Monomoy Is.	4	9.29	4.20	4.02	21.83
Great Point, Nantucket	2	0.11	<0.01	0.11	0.11
Eel Point, Nantucket	3	<0.01	<0.01	<0.01	<0.01
Coatue Point	2	0.01	<0.01	<0.01	0.01
Country Island colony					
Monomoy Is.	2	3.91	3.18	0.73	7.09
Great Point, Nantucket	1	0.04	---	0.04	0.04
Muskeget Is.	1	1.11	---	1.11	1.11
Sable Island colony					
Monomoy Is.	8	1.82	0.94	0.00	7.68
Great Point, Nantucket	3	0.01	0.01	<0.01	0.02
Coatue Point, Nantucket	1	0.01	---	0.01	0.01
Eel Point, Nantucket	1	0.03	---	0.03	0.03
Muskeget Is.	1	0.01	---	0.01	0.01