

APPENDIX

TABLE A1

Summary of species analyzed ($n = 36$), with colony- and species-associated attributes, average philopatric rates and range at colonies ($n = 663$)

Species	Order	Region	Wingspan (cm)	Number of Colonies	Observed Percent Philopatry	Range of Philopatry at Colonies
Sooty Tern						
<i>Onychoprion fuscatus</i>	Charadriiformes	Hawai'i	88.0	11	0.82+/-	0.69 – .96
Gray-backed Tern						
<i>Onychoprion lunatus</i>	Charadriiformes	Hawai'i	74.5	11	0.91+/-	0 – 1
Arctic Tern						
<i>Sterna paradisaea</i>	Charadriiformes	British Isles	70.0	37	0.72+/-	0 – 1
Little Tern						
<i>Sternula albifrons</i>	Charadriiformes	British Isles	50.0	31	0.42+/-	0 – 1
Common Tern						
<i>Sterna hirundo</i>	Charadriiformes	British Isles	77.5	90	0.18+/-	0 – 1
Sandwich Tern						
<i>Thalasseus sandvicensis</i>	Charadriiformes	British Isles	87.0	21	0.20+/-	0 – 1
White Tern						
<i>Gygis alba</i>	Charadriiformes	Hawai'i	78.5	11	0.93+/-	0.67 – .99
Black-headed Gull						
<i>Chroicocephalus ridibundus</i>	Charadriiformes	British Isles	105.0	92	0.75+/-	0 – 1
Common Gull						
<i>Larus canus</i>	Charadriiformes	British Isles	110.5	58	0.63+/-	0 – 1
Herring Gull						
<i>Larus argentatus</i>	Charadriiformes	British Isles	141.5	101	0.64+/-	0 – 1
Lesser Black-backed Gull						
<i>Larus fuscus</i>	Charadriiformes	British Isles	142.5	100	0.50+/-	0 – 1
Great Black-backed Gull						
<i>Larus marinus</i>	Charadriiformes	British Isles	159.5	65	0.55+/-	0 – 1
Black-legged Kittiwake						
<i>Rissa tridactyla</i>	Charadriiformes	British Isles	94.0	75	0.72+/-	0 – 1
Brown Noddy						
<i>Anous stolidus</i>	Charadriiformes	Hawai'i	82.5	11	0.88+/-	0 – .92
Black Noddy						
<i>Anous minutus</i>	Charadriiformes	Hawai'i	37.5	18	0.77+/-	0 – .91
Razorbill						
<i>Alca torda</i>	Charadriiformes	British Isles	65.5	51	0.84+/-	0 – 1
Atlantic Puffin						
<i>Fratercula arctica</i>	Charadriiformes	British Isles	55.0	43	0.92+/-	0 – 1
Black-footed Albatross						
<i>Phoebastria nigripes</i>	Procellariiformes	Hawai'i	204.5	11	0.98+/-	0 – 1
Laysan Albatross						
<i>Phoebastria immutabilis</i>	Procellariiformes	Hawai'i	199.0	12	0.98+/-	0.05 – .99
Tristram's Storm Petrel						
<i>Oceanodroma tristrami</i>	Procellariiformes	Hawai'i	56.0	6	0.97+/-	0.8 – 1
Bulwer's Petrel						
<i>Bulweria bulwerii</i>	Procellariiformes	Hawai'i	67.0	18	0.95+/-	0.89 – 1
Bonin Petrel						
<i>Pterodroma hypoleuca</i>	Procellariiformes	Hawai'i	67.0	6	0.99+/-	0.8 – 1
Hawaiian Petrel						
<i>Pterodroma sandwichensis</i>	Procellariiformes	Hawai'i	98.0	6	0.79+/-	0.5 – .82

Northern Fulmar <i>Fulmarus glacialis</i>	Procellariiformes	British Isles	106.0	66	0.43+/-	0 – 1
Wedge-tailed Shearwater <i>Ardenna pacificus</i>	Procellariiformes	Hawai‘i	100.5	18	0.96+/-	0.83 – 1
Newell’s Shearwater <i>Puffinus newelli</i>	Procellariiformes	Hawai‘i	82.6	4	0.88+/-	0.87 – 1
Christmas Shearwater <i>Puffinus nativitatis</i>	Procellariiformes	Hawai‘i	76.0	9	0.91+/-	0.89 – 1
Manx Shearwater <i>Puffinus puffinus</i>	Procellariiformes	British Isles	82.5	15	0.88+/-	0 – 1
European Shag <i>Phalacrocorax aristotelis</i>	Suliformes	British Isles	102.5	52	0.72+/-	0 – .82
Great Cormorant <i>Phalacrocorax carbo</i>	Suliformes	British Isles	145.0	69	0.25+/-	0 – .83
Brown Booby <i>Sula leucogaster</i>	Suliformes	Hawai‘i	143.5	12	0.89+/-	0 – 1
Masked Booby <i>Sula dactylatra</i>	Suliformes	Hawai‘i	164.0	11	0.95+/-	0.67 – 1
Red-footed Booby <i>Sula sula</i>	Suliformes	Hawai‘i	152.0	12	0.83+/-	0.62 – .92
Northern Gannet <i>Morus bassanus</i>	Suliformes	British Isles	177.0	21	0.15+/-	0 – .70
Great Frigatebird <i>Fregata minor</i>	Suliformes	Hawai‘i	217.5	8	0.42+/-	0 – .6
Red-tailed Tropicbird <i>Phaethon rubricauda</i>	Phaethontiformes	Hawai‘i	104.0	17	0.94+/-	0.75 – 1

TABLE A2
Table of dispersal variables analyzed ($n = 6$) with descriptions including data type and transformation

Dispersal variable	Type	Categories	Transformation*
Number of Colonies	Continuous	-	Squared transformation
Colony Size	Continuous	-	Log-transformation
Distance to Closest Colony	Continuous	-	Tukey's Ladder of Powers
Wingspan	Continuous	-	Tukey's Ladder of Powers
Taxonomy	Categorical	1 - Charadriiformes 2 - Suliformes 3 - Procellariiformes	-
Region	Categorical	1 - Hawai'i 2 - British Isles	-

*number of colonies, wing load, distance to nearest colony, and colony size percentage were transformed to meet assumptions of normality.

TABLE A3
Comparison of linear mixed-effects models (slope, *t*-value, and *P*-value) including colonies with sample sizes of recaptures greater than or equal to 5, 10, and 15 across all seabird species (*n* = 35)

Dispersal variable	Recaptures ≥ 5			Recaptures ≥ 10			Recaptures ≥ 15		
	Estimate (slope)	<i>t</i> -value	<i>P</i>	Estimate (slope)	<i>t</i> -value	<i>P</i>	Estimate (slope)	<i>t</i> -value	<i>P</i>
Number of Colonies ^a	< -0.001	<i>t</i> _{35/459} =0.12	0.908	< -0.001	<i>t</i> _{35/366} =0.33	0.744	< -0.001	<i>t</i> _{35/312} =0.38	0.711
Colony Size ^a	0.010	<i>t</i> _{35/459} =1.68	0.094	0.018	<i>t</i> _{35/366} =2.29	0.023*	0.019	<i>t</i> _{35/312} =2.16	0.032*
Distance to Closest Colony ^a	0.362	<i>t</i> _{35/459} =1.47	0.142	0.083	<i>t</i> _{35/366} =0.25	0.803	0.004	<i>t</i> _{35/312} =0.01	0.991
Wingspan ^a	-0.082	<i>t</i> _{35/459} =-1.18	0.249	-0.102	<i>t</i> _{35/366} =-1.26	0.219	-0.109	<i>t</i> _{35/312} =-1.32	0.202
Taxonomy(2) ^b	-0.050	<i>t</i> _{35/459} =-0.44	0.665	-0.050	<i>t</i> _{35/366} =-0.37	0.711	-0.031	<i>t</i> _{35/312} =-0.23	0.821
Taxonomy(3) ^b	0.114	<i>t</i> _{35/459} =1.23	0.226	0.171	<i>t</i> _{35/366} =1.51	0.141	0.166	<i>t</i> _{35/312} =1.38	0.182
Region(1) ^c	0.283	<i>t</i> _{35/459} =3.07	0.005*	0.294	<i>t</i> _{35/366} =2.66	0.013*	0.267	<i>t</i> _{35/312} =2.38	0.025*

^aNumber of colonies, colony size, distance to the nearest colony, and wingspan were transformed to meet assumptions of normality

^bTaxonomy: 1 = Charadriiformes, 2 = Suliformes, 3 = Procellariiformes

^c1 = Hawai'i, 2 = British Isles

*indicates statistical significance (*P*<0.05)

TABLE A4

Species' metadata describing seabird colonies and associated attributes. Nearest colony represents distance to nearest colony in kilometers and colony size is shown as a percentage

ColonyID	Species	SpeciesID	Taxonomic Order	Region	Wingspan (cm)	Nearest Colony	Colony Size	Number of Colonies	Number of Recaptures	Percent Philopatric
1	Black-footed Albatross	1	Procellariiformes	Hawai'i	204.500	96.000	0.052	11	2447	0.859
2	Black-footed Albatross	1	Procellariiformes	Hawai'i	204.500	96.000	0.413	11	59423	0.984
3	Black-footed Albatross	1	Procellariiformes	Hawai'i	204.500	200.000	0.031	11	20	0.350
4	Black-footed Albatross	1	Procellariiformes	Hawai'i	204.500	149.000	0.074	11	64041	0.990
5	Black-footed Albatross	1	Procellariiformes	Hawai'i	204.500	158.000	0.090	11	398	0.666
6	Black-footed Albatross	1	Procellariiformes	Hawai'i	204.500	149.000	0.001	11	1	0.000
7	Black-footed Albatross	1	Procellariiformes	Hawai'i	204.500	402.000	0.339	11	226	0.646
8	Black-footed Albatross	1	Procellariiformes	Hawai'i	204.500	217.000	0.000	11	17	0.765
9	Black-footed Albatross	1	Procellariiformes	Hawai'i	204.500	61.000	0.001	11	9	0.667
10	Black-footed Albatross	1	Procellariiformes	Hawai'i	204.500	59.000	0.000	11	3	0.000
11	Black-footed Albatross	1	Procellariiformes	Hawai'i	204.500	268.000	0.000	11	2	1.000
12	Laysan Albatross	2	Procellariiformes	Hawai'i	199.000	96.000	0.031	12	15495	0.952
13	Laysan Albatross	2	Procellariiformes	Hawai'i	199.000	96.000	0.747	12	150887	0.988
14	Laysan Albatross	2	Procellariiformes	Hawai'i	199.000	200.000	0.033	12	591	0.054
15	Laysan Albatross	2	Procellariiformes	Hawai'i	199.000	149.000	0.004	12	59749	0.994
16	Laysan Albatross	2	Procellariiformes	Hawai'i	199.000	158.000	0.009	12	209	0.522
17	Laysan Albatross	2	Procellariiformes	Hawai'i	199.000	149.000	0.001	12	7	0.143
18	Laysan Albatross	2	Procellariiformes	Hawai'i	199.000	402.000	0.174	12	555	0.859
19	Laysan Albatross	2	Procellariiformes	Hawai'i	199.000	15.000	0.000	12	13	0.923
20	Laysan Albatross	2	Procellariiformes	Hawai'i	199.000	59.000	0.000	12	1214	0.489
21	Laysan Albatross	2	Procellariiformes	Hawai'i	199.000	177.000	0.000	12	423	0.570
22	Black Noddy	3	Charadriiformes	Hawai'i	37.500	96.000	0.003	18	5	0.000
23	Black Noddy	3	Charadriiformes	Hawai'i	37.500	96.000	0.265	18	32	0.219
24	Black Noddy	3	Charadriiformes	Hawai'i	37.500	158.000	0.007	18	12	0.083
25	Black Noddy	3	Charadriiformes	Hawai'i	37.500	200.000	0.050	18	8	0.125
26	Black Noddy	3	Charadriiformes	Hawai'i	37.500	394.000	0.133	18	44	0.909
27	Black Noddy	3	Charadriiformes	Hawai'i	37.500	149.000	0.133	18	575	0.816

28	Black Noddy	3	Charadriiformes	Hawai'i	37.500	59.000	0.027	18	1	0.000
29	Bonin Petrel	4	Procellariiformes	Hawai'i	67.000	96.000	0.001	6	128	0.984
30	Bonin Petrel	4	Procellariiformes	Hawai'i	67.000	96.000	0.356	6	584	0.993
31	Bonin Petrel	4	Procellariiformes	Hawai'i	67.000	158.000	0.001	6	10	0.800
32	Bonin Petrel	4	Procellariiformes	Hawai'i	67.000	200.000	0.475	6	1	1.000
33	Bonin Petrel	4	Procellariiformes	Hawai'i	67.000	394.000	0.166	6	13	1.000
34	Bonin Petrel	4	Procellariiformes	Hawai'i	67.000	608.000	0.000	6	22	0.955
35	Brown Booby	5	Suliformes	Hawai'i	143.500	158.000	0.039	12	203	0.921
36	Brown Booby	5	Suliformes	Hawai'i	143.500	96.000	0.001	12	5	0.200
37	Brown Booby	5	Suliformes	Hawai'i	143.500	96.000	0.039	12	83	0.952
38	Brown Booby	5	Suliformes	Hawai'i	143.500	200.000	0.014	12	5	0.800
39	Brown Booby	5	Suliformes	Hawai'i	143.500	394.000	0.025	12	5	1.000
40	Brown Booby	5	Suliformes	Hawai'i	143.500	61.000	0.350	12	13	1.000
41	Brown Booby	5	Suliformes	Hawai'i	143.500	149.000	0.035	12	1	0.000
42	Brown Booby	5	Suliformes	Hawai'i	143.500	230.000	0.070	12	10	0.000
43	Brown Noddy	6	Charadriiformes	Hawai'i	82.500	96.000	0.010	11	68	0.882
44	Brown Noddy	6	Charadriiformes	Hawai'i	82.500	96.000	0.010	11	6	0.833
45	Brown Noddy	6	Charadriiformes	Hawai'i	82.500	158.000	0.019	11	7	0.571
46	Brown Noddy	6	Charadriiformes	Hawai'i	82.500	200.000	0.097	11	6	0.833
47	Brown Noddy	6	Charadriiformes	Hawai'i	82.500	394.000	0.121	11	25	0.880
48	Brown Noddy	6	Charadriiformes	Hawai'i	82.500	149.000	0.126	11	1	0.000
49	Brown Noddy	6	Charadriiformes	Hawai'i	82.500	149.000	0.097	11	316	0.915
50	Brown Noddy	6	Charadriiformes	Hawai'i	82.500	268.000	0.213	11	66	0.758
51	Bulwer's Petrel	7	Procellariiformes	Hawai'i	67.000	158.000	0.001	18	5	1.000
52	Bulwer's Petrel	7	Procellariiformes	Hawai'i	67.000	394.000	0.016	18	12	1.000
53	Bulwer's Petrel	7	Procellariiformes	Hawai'i	67.000	149.000	0.001	18	24	0.958
54	Bulwer's Petrel	7	Procellariiformes	Hawai'i	67.000	149.000	0.965	18	10	1.000
55	Bulwer's Petrel	7	Procellariiformes	Hawai'i	67.000	103.000	0.005	18	28	0.893
56	Christmas Shearwater	8	Procellariiformes	Hawai'i	76.000	402.000	0.559	9	11	1.000
57	Christmas Shearwater	8	Procellariiformes	Hawai'i	76.000	433.000	0.016	9	6	1.000
58	Christmas Shearwater	8	Procellariiformes	Hawai'i	76.000	96.000	0.064	9	123	0.886
59	Christmas Shearwater	8	Procellariiformes	Hawai'i	76.000	96.000	0.077	9	14	1.000
60	Gray-backed Tern	9	Charadriiformes	Hawai'i	74.500	96.000	0.001	11	8	0.875
61	Gray-backed Tern	9	Charadriiformes	Hawai'i	74.500	96.000	0.023	11	2	1.000
62	Gray-backed Tern	9	Charadriiformes	Hawai'i	74.500	158.000	0.016	11	11	0.909
63	Gray-backed Tern	9	Charadriiformes	Hawai'i	74.500	227.000	0.045	11	1	0.000
64	Gray-backed Tern	9	Charadriiformes	Hawai'i	74.500	394.000	0.169	11	2	0.500
65	Gray-backed Tern	9	Charadriiformes	Hawai'i	74.500	149.000	0.023	11	32	0.969

66	Gray-backed Tern	9	Charadriiformes	Hawai'i	74.500	217.000	0.226	11	2	1.000
67	Great Frigatebird	10	Suliformes	Hawai'i	217.500	402.000	0.335	8	9	0.000
68	Great Frigatebird	10	Suliformes	Hawai'i	217.500	200.000	0.077	8	4	0.000
69	Great Frigatebird	10	Suliformes	Hawai'i	217.500	158.000	0.034	8	12	0.000
70	Great Frigatebird	10	Suliformes	Hawai'i	217.500	149.000	0.067	8	83	0.494
71	Great Frigatebird	10	Suliformes	Hawai'i	217.500	96.000	0.007	8	5	0.600
72	Great Frigatebird	10	Suliformes	Hawai'i	217.500	274.000	0.000	8	1	0.000
73	Great Frigatebird	10	Suliformes	Hawai'i	217.500	452.000	0.000	8	2	0.000
74	Great Frigatebird	10	Suliformes	Hawai'i	217.500	96.000	0.022	8	73	0.479
75	Hawaiian Petrel	11	Procellariiformes	Hawai'i	98.000	39.000	0.269	6	17	0.824
76	Hawaiian Petrel	11	Procellariiformes	Hawai'i	98.000	280.000	0.252	6	2	0.500
77	Masked Booby	12	Suliformes	Hawai'i	164.000	96.000	0.026	11	599	0.970
78	Masked Booby	12	Suliformes	Hawai'i	164.000	96.000	0.002	11	33	0.970
79	Masked Booby	12	Suliformes	Hawai'i	164.000	158.000	0.055	11	104	0.981
80	Masked Booby	12	Suliformes	Hawai'i	164.000	200.000	0.120	11	547	0.960
81	Masked Booby	12	Suliformes	Hawai'i	164.000	394.000	0.157	11	246	0.984
82	Masked Booby	12	Suliformes	Hawai'i	164.000	149.000	0.258	11	496	0.891
83	Masked Booby	12	Suliformes	Hawai'i	164.000	217.000	0.101	11	2	1.000
84	Masked Booby	12	Suliformes	Hawai'i	164.000	149.000	0.101	11	1	1.000
85	Masked Booby	12	Suliformes	Hawai'i	164.000	230.000	0.018	11	6	0.667
86	Newell's Shearwater	13	Procellariiformes	Hawai'i	82.550	280.000	0.971	4	31	0.871
87	Newell's Shearwater	13	Procellariiformes	Hawai'i	82.550	103.000	0.000	4	1	1.000
88	Red-footed Booby	14	Suliformes	Hawai'i	152.000	96.000	0.120	12	257	0.700
89	Red-footed Booby	14	Suliformes	Hawai'i	152.000	96.000	0.038	12	156	0.846
90	Red-footed Booby	14	Suliformes	Hawai'i	152.000	158.000	0.004	12	77	0.922
91	Red-footed Booby	14	Suliformes	Hawai'i	152.000	394.000	0.024	12	8	0.625
92	Red-footed Booby	14	Suliformes	Hawai'i	152.000	149.000	0.241	12	922	0.875
93	Red-footed Booby	14	Suliformes	Hawai'i	152.000	200.000	0.022	12	178	0.730
94	Red-footed Booby	14	Suliformes	Hawai'i	152.000	59.000	0.145	12	72	0.833
95	Red-footed Booby	14	Suliformes	Hawai'i	152.000	177.000	0.080	12	241	0.834
96	Red-tailed Tropicbird	15	Phaethontiformes	Hawai'i	104.000	96.000	0.083	17	102	0.971
97	Red-tailed Tropicbird	15	Phaethontiformes	Hawai'i	104.000	96.000	0.542	17	87	0.977
98	Red-tailed Tropicbird	15	Phaethontiformes	Hawai'i	104.000	158.000	0.004	17	2	1.000
99	Red-tailed Tropicbird	15	Phaethontiformes	Hawai'i	104.000	149.000	0.042	17	170	0.906
100	Red-tailed Tropicbird	15	Phaethontiformes	Hawai'i	104.000	394.000	0.145	17	4	0.750

101	Red-tailed Tropicbird	15	Phaethontiformes	Hawai'i	104.000	59.000	0.011	17	11	1.000
102	Red-tailed Tropicbird	15	Phaethontiformes	Hawai'i	104.000	59.000	0.029	17	9	0.889
103	Red-tailed Tropicbird	15	Phaethontiformes	Hawai'i	104.000	103.000	0.006	17	2	1.000
104	Sooty Tern	16	Charadriiformes	Hawai'i	88.000	96.000	0.007	11	498	0.851
105	Sooty Tern	16	Charadriiformes	Hawai'i	88.000	96.000	0.072	11	687	0.686
106	Sooty Tern	16	Charadriiformes	Hawai'i	88.000	158.000	0.029	11	77	0.961
107	Sooty Tern	16	Charadriiformes	Hawai'i	88.000	149.000	0.107	11	421	0.936
108	Sooty Tern	16	Charadriiformes	Hawai'i	88.000	394.000	0.304	11	333	0.820
109	Sooty Tern	16	Charadriiformes	Hawai'i	88.000	200.000	0.358	11	102	0.824
110	Sooty Tern	16	Charadriiformes	Hawai'i	88.000	268.000	0.064	11	233	0.863
111	Tristram's Storm-Petrel	17	Procellariiformes	Hawai'i	56.000	158.000	0.014	6	25	1.000
112	Tristram's Storm-Petrel	17	Procellariiformes	Hawai'i	56.000	433.000	0.037	6	5	0.800
113	Tristram's Storm-Petrel	17	Procellariiformes	Hawai'i	56.000	467.000	0.040	6	2	1.000
114	Wedge-tailed Shearwater	18	Procellariiformes	Hawai'i	100.500	96.000	0.108	18	465	0.994
115	Wedge-tailed Shearwater	18	Procellariiformes	Hawai'i	100.500	96.000	0.014	18	15	1.000
116	Wedge-tailed Shearwater	18	Procellariiformes	Hawai'i	100.500	158.000	0.022	18	73	0.986
117	Wedge-tailed Shearwater	18	Procellariiformes	Hawai'i	100.500	200.000	0.057	18	3	0.667
118	Wedge-tailed Shearwater	18	Procellariiformes	Hawai'i	100.500	149.000	0.009	18	211	0.900
119	Wedge-tailed Shearwater	18	Procellariiformes	Hawai'i	100.500	394.000	0.431	18	6	1.000
120	Wedge-tailed Shearwater	18	Procellariiformes	Hawai'i	100.500	59.000	0.066	18	1	1.000
121	Wedge-tailed Shearwater	18	Procellariiformes	Hawai'i	100.500	39.000	0.014	18	210	0.833
122	Wedge-tailed Shearwater	18	Procellariiformes	Hawai'i	100.500	38.000	0.001	18	2	1.000
123	Wedge-tailed Shearwater	18	Procellariiformes	Hawai'i	100.500	59.000	0.043	18	429	0.977
124	Wedge-tailed Shearwater	18	Procellariiformes	Hawai'i	100.500	103.000	0.115	18	1701	0.965
125	White Tern	19	Charadriiformes	Hawai'i	78.500	96.000	0.769	11	128	0.984
126	White Tern	19	Charadriiformes	Hawai'i	78.500	200.000	0.003	11	12	0.833
127	White Tern	19	Charadriiformes	Hawai'i	78.500	149.000	0.002	11	76	0.789
128	White Tern	19	Charadriiformes	Hawai'i	78.500	394.000	0.038	11	92	0.989
129	White Tern	19	Charadriiformes	Hawai'i	78.500	268.000	0.031	11	3	0.667
130	Arctic Tern	20	Charadriiformes	British Isles	70.000	102.338	0.002	37	11	0.000
131	Arctic Tern	20	Charadriiformes	British Isles	70.000	102.338	0.004	37	8	0.125
132	Arctic Tern	20	Charadriiformes	British Isles	70.000	53.250	0.032	37	5	0.400
133	Arctic Tern	20	Charadriiformes	British Isles	70.000	54.639	0.003	37	8	0.750
134	Arctic Tern	20	Charadriiformes	British Isles	70.000	40.783	0.001	37	8	0.000
135	Arctic Tern	20	Charadriiformes	British Isles	70.000	78.224	0.001	37	3	1.000

136	Arctic Tern	20	Charadriiformes	British Isles	70.000	40.783	0.016	37	30	0.700
137	Arctic Tern	20	Charadriiformes	British Isles	70.000	81.923	0.006	37	39	0.231
138	Arctic Tern	20	Charadriiformes	British Isles	70.000	141.481	0.030	37	215	0.805
139	Arctic Tern	20	Charadriiformes	British Isles	70.000	54.401	0.000	37	18	1.000
140	Arctic Tern	20	Charadriiformes	British Isles	70.000	84.930	0.000	37	1	1.000
141	Arctic Tern	20	Charadriiformes	British Isles	70.000	35.300	0.004	37	13	0.154
142	Arctic Tern	20	Charadriiformes	British Isles	70.000	89.644	0.063	37	1080	0.837
143	Arctic Tern	20	Charadriiformes	British Isles	70.000	139.769	0.240	37	91	0.330
144	Arctic Tern	20	Charadriiformes	British Isles	70.000	181.448	0.440	37	125	0.296
145	Arctic Tern	20	Charadriiformes	British Isles	70.000	58.919	0.014	37	30	0.233
146	Arctic Tern	20	Charadriiformes	British Isles	70.000	136.610	0.074	37	3	0.000
147	Black-headed Gull	21	Charadriiformes	British Isles	105.000	33.219	0.000	92	3	0.333
148	Black-headed Gull	21	Charadriiformes	British Isles	105.000	49.287	0.000	92	9	0.556
149	Black-headed Gull	21	Charadriiformes	British Isles	105.000	59.306	0.006	92	5	0.800
150	Black-headed Gull	21	Charadriiformes	British Isles	105.000	49.287	0.005	92	1	1.000
151	Black-headed Gull	21	Charadriiformes	British Isles	105.000	38.059	0.000	92	1	0.000
152	Black-headed Gull	21	Charadriiformes	British Isles	105.000	56.762	0.000	92	3	0.000
153	Black-headed Gull	21	Charadriiformes	British Isles	105.000	68.600	0.003	92	113	0.504
154	Black-headed Gull	21	Charadriiformes	British Isles	105.000	50.677	0.001	92	1	0.000
155	Black-headed Gull	21	Charadriiformes	British Isles	105.000	50.677	0.000	92	6	0.333
156	Black-headed Gull	21	Charadriiformes	British Isles	105.000	59.329	0.007	92	6	0.333
157	Black-headed Gull	21	Charadriiformes	British Isles	105.000	59.329	0.005	92	1	1.000
158	Black-headed Gull	21	Charadriiformes	British Isles	105.000	48.367	0.000	92	12	0.167
159	Black-headed Gull	21	Charadriiformes	British Isles	105.000	54.639	0.003	92	18	0.444
160	Black-headed Gull	21	Charadriiformes	British Isles	105.000	21.984	0.018	92	5	0.400
161	Black-headed Gull	21	Charadriiformes	British Isles	105.000	49.029	0.000	92	10	0.700
162	Black-headed Gull	21	Charadriiformes	British Isles	105.000	31.015	0.131	92	1	0.000
163	Black-headed Gull	21	Charadriiformes	British Isles	105.000	49.029	0.004	92	15	0.600
164	Black-headed Gull	21	Charadriiformes	British Isles	105.000	45.870	0.002	92	10	0.200
165	Black-headed Gull	21	Charadriiformes	British Isles	105.000	26.075	0.000	92	7	0.286
166	Black-headed Gull	21	Charadriiformes	British Isles	105.000	33.362	0.003	92	1	0.000
167	Black-headed Gull	21	Charadriiformes	British Isles	105.000	148.007	0.002	92	1	0.000
168	Black-headed Gull	21	Charadriiformes	British Isles	105.000	69.380	0.050	92	225	0.529

169	Black-headed Gull	21	Charadriiformes	British Isles	105.000	46.822	0.004	92	26	0.308
170	Black-headed Gull	21	Charadriiformes	British Isles	105.000	26.088	0.003	92	1	0.000
171	Black-headed Gull	21	Charadriiformes	British Isles	105.000	42.732	0.003	92	7	0.143
172	Black-headed Gull	21	Charadriiformes	British Isles	105.000	60.677	0.013	92	34	0.824
173	Black-headed Gull	21	Charadriiformes	British Isles	105.000	62.139	0.000	92	32	0.313
174	Black-headed Gull	21	Charadriiformes	British Isles	105.000	17.545	0.000	92	3	0.333
175	Black-headed Gull	21	Charadriiformes	British Isles	105.000	56.972	0.103	92	276	0.591
176	Black-headed Gull	21	Charadriiformes	British Isles	105.000	44.490	0.000	92	5	0.200
177	Black-headed Gull	21	Charadriiformes	British Isles	105.000	19.001	0.001	92	57	0.491
178	Black-headed Gull	21	Charadriiformes	British Isles	105.000	27.151	0.003	92	5	0.400
179	Black-headed Gull	21	Charadriiformes	British Isles	105.000	42.487	0.000	92	6	1.000
180	Black-headed Gull	21	Charadriiformes	British Isles	105.000	44.179	0.000	92	328	0.573
181	Black-headed Gull	21	Charadriiformes	British Isles	105.000	31.170	0.000	92	2	0.000
182	Black-headed Gull	21	Charadriiformes	British Isles	105.000	33.362	0.006	92	4	0.750
183	Black-headed Gull	21	Charadriiformes	British Isles	105.000	42.487	0.066	92	119	0.529
184	Black-headed Gull	21	Charadriiformes	British Isles	105.000	24.786	0.103	92	4	0.500
185	Black-headed Gull	21	Charadriiformes	British Isles	105.000	81.923	0.007	92	49	0.571
186	Black-headed Gull	21	Charadriiformes	British Isles	105.000	13.801	0.000	92	3	0.667
187	Black-headed Gull	21	Charadriiformes	British Isles	105.000	45.828	0.006	92	6	0.333
188	Black-headed Gull	21	Charadriiformes	British Isles	105.000	44.490	0.078	92	105	0.581
189	Black-headed Gull	21	Charadriiformes	British Isles	105.000	50.502	0.131	92	58	0.586
190	Black-headed Gull	21	Charadriiformes	British Isles	105.000	50.862	0.000	92	1	0.000
191	Black-headed Gull	21	Charadriiformes	British Isles	105.000	76.466	0.000	92	85	0.424
192	Black-headed Gull	21	Charadriiformes	British Isles	105.000	44.101	0.078	92	51	0.647
193	Black-headed Gull	21	Charadriiformes	British Isles	105.000	13.917	0.005	92	9	0.444
194	Black-headed Gull	21	Charadriiformes	British Isles	105.000	35.300	0.001	92	5	0.200
195	Black-headed Gull	21	Charadriiformes	British Isles	105.000	17.545	0.000	92	4	0.250
196	Black-headed Gull	21	Charadriiformes	British Isles	105.000	86.028	0.000	92	3	0.333
197	Black-headed Gull	21	Charadriiformes	British Isles	105.000	62.139	0.030	92	39	0.538
198	Black-headed Gull	21	Charadriiformes	British Isles	105.000	50.613	0.035	92	44	0.477
199	Black-headed Gull	21	Charadriiformes	British Isles	105.000	29.625	0.000	92	2	0.000
200	Black-headed Gull	21	Charadriiformes	British Isles	105.000	40.682	0.003	92	24	0.542
201	Black-headed Gull	21	Charadriiformes	British Isles	105.000	62.432	0.030	92	169	0.420

202	Black-headed Gull	21	Charadriiformes	British Isles	105.000	139.769	0.020	92	27	0.481
203	Black-headed Gull	21	Charadriiformes	British Isles	105.000	35.143	0.000	92	4	0.250
204	Black-headed Gull	21	Charadriiformes	British Isles	105.000	35.896	0.067	92	20	0.550
205	Black-headed Gull	21	Charadriiformes	British Isles	105.000	57.494	0.003	92	37	0.243
206	Black-headed Gull	21	Charadriiformes	British Isles	105.000	12.371	0.002	92	2	0.500
207	Black-headed Gull	21	Charadriiformes	British Isles	105.000	41.833	0.000	92	4	0.500
208	Black-headed Gull	21	Charadriiformes	British Isles	105.000	17.545	0.000	92	5	0.400
209	Black-headed Gull	21	Charadriiformes	British Isles	105.000	17.545	0.003	92	36	0.222
210	Black-headed Gull	21	Charadriiformes	British Isles	105.000	181.448	0.004	92	25	0.680
211	Black-headed Gull	21	Charadriiformes	British Isles	105.000	53.151	0.001	92	13	0.000
212	Black-headed Gull	21	Charadriiformes	British Isles	105.000	38.377	0.000	92	29	0.276
213	Black-headed Gull	21	Charadriiformes	British Isles	105.000	36.528	0.103	92	1	1.000
214	Black-headed Gull	21	Charadriiformes	British Isles	105.000	41.676	0.000	92	11	0.727
215	Black-headed Gull	21	Charadriiformes	British Isles	105.000	42.335	0.001	92	13	0.231
216	Black-headed Gull	21	Charadriiformes	British Isles	105.000	26.279	0.006	92	6	0.167
217	Black-headed Gull	21	Charadriiformes	British Isles	105.000	50.613	0.020	92	12	0.500
218	Black-headed Gull	21	Charadriiformes	British Isles	105.000	32.571	0.000	92	1	1.000
219	Black-headed Gull	21	Charadriiformes	British Isles	105.000	44.209	0.004	92	20	0.400
220	Black-headed Gull	21	Charadriiformes	British Isles	105.000	33.613	0.001	92	15	0.400
221	Black-headed Gull	21	Charadriiformes	British Isles	105.000	40.988	0.103	92	6	0.667
222	Black-headed Gull	21	Charadriiformes	British Isles	105.000	41.902	0.027	92	17	0.588
223	Black-headed Gull	21	Charadriiformes	British Isles	105.000	29.005	0.000	92	1	1.000
224	Black-headed Gull	21	Charadriiformes	British Isles	105.000	40.312	0.016	92	41	0.512
225	Black-headed Gull	21	Charadriiformes	British Isles	105.000	40.700	0.001	92	8	0.500
226	Black-headed Gull	21	Charadriiformes	British Isles	105.000	40.700	0.008	92	12	0.583
227	Black-headed Gull	21	Charadriiformes	British Isles	105.000	22.704	0.000	92	2	0.000
228	Black-headed Gull	21	Charadriiformes	British Isles	105.000	42.453	0.003	92	5	0.600
229	Black-headed Gull	21	Charadriiformes	British Isles	105.000	78.875	0.000	92	2946	0.962
230	Black-headed Gull	21	Charadriiformes	British Isles	105.000	44.862	0.000	92	154	0.747
231	Black-headed Gull	21	Charadriiformes	British Isles	105.000	136.610	0.007	92	3	0.333
232	Black-headed Gull	21	Charadriiformes	British Isles	105.000	13.917	0.001	92	20	0.350
233	Black-headed Gull	21	Charadriiformes	British Isles	105.000	42.453	0.003	92	4	0.750
234	Black-headed Gull	21	Charadriiformes	British Isles	105.000	29.320	0.000	92	94	0.745

235	Black-headed Gull	21	Charadriiformes	British Isles	105.000	53.788	0.000	92	1	1.000
236	Black-headed Gull	21	Charadriiformes	British Isles	105.000	62.432	0.003	92	90	0.589
237	Black-headed Gull	21	Charadriiformes	British Isles	105.000	34.873	0.030	92	7	0.571
238	Common Gull	22	Charadriiformes	British Isles	110.500	65.986	0.003	58	6	0.500
239	Common Gull	22	Charadriiformes	British Isles	110.500	58.622	0.007	58	9	0.333
240	Common Gull	22	Charadriiformes	British Isles	110.500	56.188	0.010	58	105	0.705
241	Common Gull	22	Charadriiformes	British Isles	110.500	53.250	0.054	58	48	0.583
242	Common Gull	22	Charadriiformes	British Isles	110.500	48.367	0.006	58	2	1.000
243	Common Gull	22	Charadriiformes	British Isles	110.500	54.639	0.000	58	14	0.500
244	Common Gull	22	Charadriiformes	British Isles	110.500	42.337	0.011	58	16	0.563
245	Common Gull	22	Charadriiformes	British Isles	110.500	81.923	0.013	58	57	0.544
246	Common Gull	22	Charadriiformes	British Isles	110.500	35.300	0.001	58	13	0.615
247	Common Gull	22	Charadriiformes	British Isles	110.500	33.047	0.000	58	1	1.000
248	Common Gull	22	Charadriiformes	British Isles	110.500	35.300	0.379	58	17	0.647
249	Common Gull	22	Charadriiformes	British Isles	110.500	17.545	0.001	58	8	0.500
250	Common Gull	22	Charadriiformes	British Isles	110.500	139.769	0.224	58	99	0.717
251	Common Gull	22	Charadriiformes	British Isles	110.500	39.588	0.029	58	35	0.571
252	Common Gull	22	Charadriiformes	British Isles	110.500	32.775	0.000	58	1	1.000
253	Common Gull	22	Charadriiformes	British Isles	110.500	181.448	0.049	58	28	0.536
254	Common Gull	22	Charadriiformes	British Isles	110.500	43.567	0.001	58	1	0.000
255	Common Gull	22	Charadriiformes	British Isles	110.500	50.613	0.000	58	3	1.000
256	Common Gull	22	Charadriiformes	British Isles	110.500	58.919	0.002	58	1	1.000
257	Common Gull	22	Charadriiformes	British Isles	110.500	58.919	0.006	58	33	0.758
258	Common Gull	22	Charadriiformes	British Isles	110.500	136.610	0.034	58	9	0.444
259	Common Tern	23	Charadriiformes	British Isles	77.500	64.523	0.017	90	16	0.250
260	Common Tern	23	Charadriiformes	British Isles	77.500	59.306	0.014	90	1	0.000
261	Common Tern	23	Charadriiformes	British Isles	77.500	43.045	0.058	90	142	0.268
262	Common Tern	23	Charadriiformes	British Isles	77.500	56.188	0.008	90	1	0.000
263	Common Tern	23	Charadriiformes	British Isles	77.500	44.608	0.004	90	3	0.000
264	Common Tern	23	Charadriiformes	British Isles	77.500	59.329	0.033	90	38	0.263
265	Common Tern	23	Charadriiformes	British Isles	77.500	53.250	0.094	90	19	0.158
266	Common Tern	23	Charadriiformes	British Isles	77.500	31.653	0.014	90	2	0.500
267	Common Tern	23	Charadriiformes	British Isles	77.500	24.525	0.005	90	6	0.000

268	Common Tern	23	Charadriiformes	British Isles	77.500	38.413	0.003	90	3	0.333
269	Common Tern	23	Charadriiformes	British Isles	77.500	24.786	0.003	90	6	0.167
270	Common Tern	23	Charadriiformes	British Isles	77.500	35.286	0.004	90	4	0.000
271	Common Tern	23	Charadriiformes	British Isles	77.500	49.029	0.004	90	1	0.000
272	Common Tern	23	Charadriiformes	British Isles	77.500	69.380	0.005	90	19	0.211
273	Common Tern	23	Charadriiformes	British Isles	77.500	42.732	0.004	90	1	0.000
274	Common Tern	23	Charadriiformes	British Isles	77.500	60.677	0.018	90	6	0.167
275	Common Tern	23	Charadriiformes	British Isles	77.500	13.917	0.048	90	3	0.667
276	Common Tern	23	Charadriiformes	British Isles	77.500	31.847	0.000	90	1	0.000
277	Common Tern	23	Charadriiformes	British Isles	77.500	53.671	0.000	90	17	0.235
278	Common Tern	23	Charadriiformes	British Isles	77.500	44.490	0.004	90	11	0.727
279	Common Tern	23	Charadriiformes	British Isles	77.500	40.783	0.021	90	12	0.333
280	Common Tern	23	Charadriiformes	British Isles	77.500	27.151	0.034	90	1034	0.026
281	Common Tern	23	Charadriiformes	British Isles	77.500	35.143	0.003	90	8	0.000
282	Common Tern	23	Charadriiformes	British Isles	77.500	44.179	0.001	90	1	0.000
283	Common Tern	23	Charadriiformes	British Isles	77.500	45.766	0.007	90	37	0.000
284	Common Tern	23	Charadriiformes	British Isles	77.500	42.487	0.002	90	7	0.143
285	Common Tern	23	Charadriiformes	British Isles	77.500	24.786	0.004	90	33	0.515
286	Common Tern	23	Charadriiformes	British Isles	77.500	81.923	0.012	90	72	0.125
287	Common Tern	23	Charadriiformes	British Isles	77.500	45.828	0.013	90	103	0.155
288	Common Tern	23	Charadriiformes	British Isles	77.500	44.490	0.023	90	20	0.700
289	Common Tern	23	Charadriiformes	British Isles	77.500	50.502	0.007	90	208	0.120
290	Common Tern	23	Charadriiformes	British Isles	77.500	43.456	0.005	90	22	0.818
291	Common Tern	23	Charadriiformes	British Isles	77.500	76.466	0.003	90	28	0.107
292	Common Tern	23	Charadriiformes	British Isles	77.500	44.101	0.023	90	7	0.143
293	Common Tern	23	Charadriiformes	British Isles	77.500	27.151	0.011	90	130	0.877
294	Common Tern	23	Charadriiformes	British Isles	77.500	35.300	0.002	90	3	0.333
295	Common Tern	23	Charadriiformes	British Isles	77.500	36.624	0.083	90	146	0.130
296	Common Tern	23	Charadriiformes	British Isles	77.500	50.613	0.035	90	53	0.415
297	Common Tern	23	Charadriiformes	British Isles	77.500	43.456	0.002	90	1	1.000
298	Common Tern	23	Charadriiformes	British Isles	77.500	40.682	0.004	90	56	0.161
299	Common Tern	23	Charadriiformes	British Isles	77.500	139.769	0.009	90	2	0.000
300	Common Tern	23	Charadriiformes	British Isles	77.500	35.143	0.001	90	7	0.143

301	Common Tern	23	Charadriiformes	British Isles	77.500	35.896	0.000	90	1	0.000
302	Common Tern	23	Charadriiformes	British Isles	77.500	47.589	0.018	90	1	0.000
303	Common Tern	23	Charadriiformes	British Isles	77.500	47.829	0.025	90	68	0.206
304	Common Tern	23	Charadriiformes	British Isles	77.500	31.062	0.000	90	2	0.000
305	Common Tern	23	Charadriiformes	British Isles	77.500	181.448	0.007	90	3	0.000
306	Common Tern	23	Charadriiformes	British Isles	77.500	31.183	0.006	90	1	0.000
307	Common Tern	23	Charadriiformes	British Isles	77.500	41.676	0.002	90	62	0.806
308	Common Tern	23	Charadriiformes	British Isles	77.500	42.732	0.002	90	7	0.143
309	Common Tern	23	Charadriiformes	British Isles	77.500	50.613	0.013	90	11	0.545
310	Common Tern	23	Charadriiformes	British Isles	77.500	32.571	0.000	90	4	0.000
311	Common Tern	23	Charadriiformes	British Isles	77.500	32.262	0.000	90	1	0.000
312	Common Tern	23	Charadriiformes	British Isles	77.500	32.262	0.020	90	2	0.000
313	Common Tern	23	Charadriiformes	British Isles	77.500	36.624	0.000	90	22	0.000
314	Common Tern	23	Charadriiformes	British Isles	77.500	40.312	0.074	90	8	0.250
315	Common Tern	23	Charadriiformes	British Isles	77.500	42.453	0.002	90	62	0.016
316	Common Tern	23	Charadriiformes	British Isles	77.500	136.610	0.035	90	2	0.000
317	Common Tern	23	Charadriiformes	British Isles	77.500	29.320	0.006	90	4	0.000
318	Common Tern	23	Charadriiformes	British Isles	77.500	32.571	0.000	90	11	0.545
319	Northern Fulmar	24	Procellariiformes	British Isles	106.000	64.692	0.009	66	4	0.000
320	Northern Fulmar	24	Procellariiformes	British Isles	106.000	56.188	0.001	66	1	1.000
321	Northern Fulmar	24	Procellariiformes	British Isles	106.000	43.958	0.001	66	19	0.474
322	Northern Fulmar	24	Procellariiformes	British Isles	106.000	61.332	0.016	66	5	0.000
323	Northern Fulmar	24	Procellariiformes	British Isles	106.000	31.653	0.010	66	2	0.000
324	Northern Fulmar	24	Procellariiformes	British Isles	106.000	71.874	0.001	66	1	0.000
325	Northern Fulmar	24	Procellariiformes	British Isles	106.000	18.910	0.000	66	2	0.000
326	Northern Fulmar	24	Procellariiformes	British Isles	106.000	31.847	0.002	66	6	0.167
327	Northern Fulmar	24	Procellariiformes	British Isles	106.000	10.135	0.002	66	54	0.185
328	Northern Fulmar	24	Procellariiformes	British Isles	106.000	33.362	0.001	66	3	0.667
329	Northern Fulmar	24	Procellariiformes	British Isles	106.000	110.943	0.012	66	42	0.310
330	Northern Fulmar	24	Procellariiformes	British Isles	106.000	48.869	0.006	66	1	0.000
331	Northern Fulmar	24	Procellariiformes	British Isles	106.000	36.624	0.002	66	7	0.143
332	Northern Fulmar	24	Procellariiformes	British Isles	106.000	50.613	0.000	66	4	0.500
333	Northern Fulmar	24	Procellariiformes	British Isles	106.000	139.769	0.169	66	360	0.614

334	Northern Fulmar	24	Procellariiformes	British Isles	106.000	112.550	0.005	66	2	0.000
335	Northern Fulmar	24	Procellariiformes	British Isles	106.000	17.545	0.001	66	2	0.000
336	Northern Fulmar	24	Procellariiformes	British Isles	106.000	181.448	0.350	66	136	0.184
337	Northern Fulmar	24	Procellariiformes	British Isles	106.000	136.610	0.009	66	14	0.071
338	Northern Gannet	25	Suliformes	British Isles	177.000	64.692	0.007	21	1	0.000
339	Northern Gannet	25	Suliformes	British Isles	177.000	64.692	0.111	21	12	0.000
340	Northern Gannet	25	Suliformes	British Isles	177.000	102.338	0.007	21	155	0.103
341	Northern Gannet	25	Suliformes	British Isles	177.000	40.842	0.006	21	54	0.074
342	Northern Gannet	25	Suliformes	British Isles	177.000	132.331	0.170	21	240	0.213
343	Northern Gannet	25	Suliformes	British Isles	177.000	161.264	0.020	21	37	0.703
344	Northern Gannet	25	Suliformes	British Isles	177.000	128.330	0.118	21	42	0.024
345	Northern Gannet	25	Suliformes	British Isles	177.000	19.114	0.138	21	240	0.096
346	Northern Gannet	25	Suliformes	British Isles	177.000	181.448	0.101	21	64	0.141
347	Northern Gannet	25	Suliformes	British Isles	177.000	253.928	0.298	21	2	0.000
348	Great Black-backed Gull	26	Charadriiformes	British Isles	159.500	64.692	0.010	65	7	0.571
349	Great Black-backed Gull	26	Charadriiformes	British Isles	159.500	65.986	0.008	65	5	0.400
350	Great Black-backed Gull	26	Charadriiformes	British Isles	159.500	43.045	0.025	65	39	0.821
351	Great Black-backed Gull	26	Charadriiformes	British Isles	159.500	64.692	0.015	65	4	0.500
352	Great Black-backed Gull	26	Charadriiformes	British Isles	159.500	56.188	0.007	65	2	0.500
353	Great Black-backed Gull	26	Charadriiformes	British Isles	159.500	43.958	0.004	65	16	0.563
354	Great Black-backed Gull	26	Charadriiformes	British Isles	159.500	53.250	0.088	65	40	0.425
355	Great Black-backed Gull	26	Charadriiformes	British Isles	159.500	24.525	0.002	65	1	0.000
356	Great Black-backed Gull	26	Charadriiformes	British Isles	159.500	33.605	0.004	65	1	1.000
357	Great Black-backed Gull	26	Charadriiformes	British Isles	159.500	82.143	0.016	65	311	0.743
358	Great Black-backed Gull	26	Charadriiformes	British Isles	159.500	84.930	0.003	65	66	0.470
359	Great Black-backed Gull	26	Charadriiformes	British Isles	159.500	64.120	0.000	65	16	0.250
360	Great Black-backed Gull	26	Charadriiformes	British Isles	159.500	71.874	0.008	65	2	0.500
361	Great Black-backed Gull	26	Charadriiformes	British Isles	159.500	53.991	0.004	65	112	0.089
362	Great Black-backed Gull	26	Charadriiformes	British Isles	159.500	31.847	0.001	65	1	0.000
363	Great Black-backed Gull	26	Charadriiformes	British Isles	159.500	40.783	0.001	65	7	0.429
364	Great Black-backed Gull	26	Charadriiformes	British Isles	159.500	123.360	0.005	65	14	0.357
365	Great Black-backed Gull	26	Charadriiformes	British Isles	159.500	43.717	0.000	65	3	0.000
366	Great Black-backed Gull	26	Charadriiformes	British Isles	159.500	81.923	0.020	65	731	0.683

367	Great Black-backed Gull	26	Charadriiformes	British Isles	159.500	49.849	0.005	65	25	0.440
368	Great Black-backed Gull	26	Charadriiformes	British Isles	159.500	33.047	0.021	65	62	0.274
369	Great Black-backed Gull	26	Charadriiformes	British Isles	159.500	118.505	0.041	65	27	0.704
370	Great Black-backed Gull	26	Charadriiformes	British Isles	159.500	84.930	0.001	65	3	1.000
371	Great Black-backed Gull	26	Charadriiformes	British Isles	159.500	35.300	0.001	65	4	0.750
372	Great Black-backed Gull	26	Charadriiformes	British Isles	159.500	19.114	0.015	65	11	0.091
373	Great Black-backed Gull	26	Charadriiformes	British Isles	159.500	24.220	0.000	65	11	0.091
374	Great Black-backed Gull	26	Charadriiformes	British Isles	159.500	87.055	0.000	65	1	0.000
375	Great Black-backed Gull	26	Charadriiformes	British Isles	159.500	139.769	0.279	65	146	0.329
376	Great Black-backed Gull	26	Charadriiformes	British Isles	159.500	112.550	0.016	65	110	0.400
377	Great Black-backed Gull	26	Charadriiformes	British Isles	159.500	17.545	0.015	65	9	0.667
378	Great Black-backed Gull	26	Charadriiformes	British Isles	159.500	181.448	0.146	65	55	0.455
379	Great Black-backed Gull	26	Charadriiformes	British Isles	159.500	50.164	0.000	65	9	0.333
380	Great Black-backed Gull	26	Charadriiformes	British Isles	159.500	206.996	0.000	65	13	0.077
381	Great Black-backed Gull	26	Charadriiformes	British Isles	159.500	58.919	0.001	65	9	0.444
382	Great Black-backed Gull	26	Charadriiformes	British Isles	159.500	40.312	0.003	65	17	0.588
383	Great Black-backed Gull	26	Charadriiformes	British Isles	159.500	41.902	0.000	65	1	0.000
384	Great Black-backed Gull	26	Charadriiformes	British Isles	159.500	136.610	0.102	65	38	0.184
385	Great Cormorant	27	Suliformes	British Isles	145.000	58.622	0.002	69	2	0.000
386	Great Cormorant	27	Suliformes	British Isles	145.000	66.414	0.027	69	14	0.357
387	Great Cormorant	27	Suliformes	British Isles	145.000	96.904	0.047	69	1	0.000
388	Great Cormorant	27	Suliformes	British Isles	145.000	43.045	0.113	69	67	0.179
389	Great Cormorant	27	Suliformes	British Isles	145.000	49.287	0.046	69	5	0.200
390	Great Cormorant	27	Suliformes	British Isles	145.000	64.692	0.005	69	2	0.000
391	Great Cormorant	27	Suliformes	British Isles	145.000	56.188	0.016	69	6	0.000
392	Great Cormorant	27	Suliformes	British Isles	145.000	56.188	0.013	69	5	0.400
393	Great Cormorant	27	Suliformes	British Isles	145.000	43.958	0.018	69	159	0.214
394	Great Cormorant	27	Suliformes	British Isles	145.000	61.332	0.017	69	21	0.095
395	Great Cormorant	27	Suliformes	British Isles	145.000	54.639	0.001	69	13	0.231
396	Great Cormorant	27	Suliformes	British Isles	145.000	49.029	0.013	69	1	0.000
397	Great Cormorant	27	Suliformes	British Isles	145.000	82.143	0.015	69	3	0.000
398	Great Cormorant	27	Suliformes	British Isles	145.000	71.153	0.020	69	4	0.250
399	Great Cormorant	27	Suliformes	British Isles	145.000	89.644	0.006	69	16	0.438

400	Great Cormorant	27	Suliformes	British Isles	145.000	40.842	0.029	69	108	0.213
401	Great Cormorant	27	Suliformes	British Isles	145.000	81.420	0.013	69	12	0.583
402	Great Cormorant	27	Suliformes	British Isles	145.000	35.426	0.014	69	52	0.827
403	Great Cormorant	27	Suliformes	British Isles	145.000	56.972	0.027	69	105	0.152
404	Great Cormorant	27	Suliformes	British Isles	145.000	24.697	0.000	69	12	0.500
405	Great Cormorant	27	Suliformes	British Isles	145.000	71.153	0.105	69	26	0.269
406	Great Cormorant	27	Suliformes	British Isles	145.000	110.943	0.014	69	83	0.241
407	Great Cormorant	27	Suliformes	British Isles	145.000	116.743	0.105	69	162	0.210
408	Great Cormorant	27	Suliformes	British Isles	145.000	48.869	0.010	69	32	0.250
409	Great Cormorant	27	Suliformes	British Isles	145.000	118.505	0.004	69	5	0.200
410	Great Cormorant	27	Suliformes	British Isles	145.000	17.545	0.023	69	5	0.200
411	Great Cormorant	27	Suliformes	British Isles	145.000	33.537	0.000	69	4	0.250
412	Great Cormorant	27	Suliformes	British Isles	145.000	49.156	0.011	69	124	0.242
413	Great Cormorant	27	Suliformes	British Isles	145.000	40.682	0.007	69	21	0.095
414	Great Cormorant	27	Suliformes	British Isles	145.000	139.769	0.030	69	110	0.245
415	Great Cormorant	27	Suliformes	British Isles	145.000	71.271	0.020	69	100	0.210
416	Great Cormorant	27	Suliformes	British Isles	145.000	31.062	0.000	69	10	0.400
417	Great Cormorant	27	Suliformes	British Isles	145.000	17.545	0.023	69	17	0.176
418	Great Cormorant	27	Suliformes	British Isles	145.000	181.448	0.014	69	124	0.347
419	Great Cormorant	27	Suliformes	British Isles	145.000	50.613	0.002	69	2	0.500
420	Great Cormorant	27	Suliformes	British Isles	145.000	58.919	0.028	69	16	0.250
421	Great Cormorant	27	Suliformes	British Isles	145.000	58.919	0.020	69	11	0.091
422	Great Cormorant	27	Suliformes	British Isles	145.000	136.610	0.033	69	1	0.000
423	Great Cormorant	27	Suliformes	British Isles	145.000	51.234	0.002	69	3	0.000
424	Herring Gull	28	Charadriiformes	British Isles	141.500	64.692	0.002	101	32	0.594
425	Herring Gull	28	Charadriiformes	British Isles	141.500	65.986	0.006	101	12	0.417
426	Herring Gull	28	Charadriiformes	British Isles	141.500	43.045	0.019	101	46	0.804
427	Herring Gull	28	Charadriiformes	British Isles	141.500	58.622	0.000	101	1	0.000
428	Herring Gull	28	Charadriiformes	British Isles	141.500	64.692	0.002	101	3	0.333
429	Herring Gull	28	Charadriiformes	British Isles	141.500	56.188	0.001	101	3	0.667
430	Herring Gull	28	Charadriiformes	British Isles	141.500	43.958	0.001	101	73	0.616
431	Herring Gull	28	Charadriiformes	British Isles	141.500	53.250	0.103	101	222	0.599
432	Herring Gull	28	Charadriiformes	British Isles	141.500	48.367	0.024	101	16	0.875

433	Herring Gull	28	Charadriiformes	British Isles	141.500	31.653	0.045	101	16	0.313
434	Herring Gull	28	Charadriiformes	British Isles	141.500	28.059	0.010	101	5	0.600
435	Herring Gull	28	Charadriiformes	British Isles	141.500	20.712	0.004	101	15	0.067
436	Herring Gull	28	Charadriiformes	British Isles	141.500	18.553	0.000	101	5	0.000
437	Herring Gull	28	Charadriiformes	British Isles	141.500	12.970	0.000	101	153	0.098
438	Herring Gull	28	Charadriiformes	British Isles	141.500	15.352	0.002	101	18	0.500
439	Herring Gull	28	Charadriiformes	British Isles	141.500	71.153	0.056	101	3	0.000
440	Herring Gull	28	Charadriiformes	British Isles	141.500	82.143	0.033	101	11	0.545
441	Herring Gull	28	Charadriiformes	British Isles	141.500	69.380	0.131	101	199	0.523
442	Herring Gull	28	Charadriiformes	British Isles	141.500	40.842	0.003	101	40	0.350
443	Herring Gull	28	Charadriiformes	British Isles	141.500	26.088	0.001	101	1	0.000
444	Herring Gull	28	Charadriiformes	British Isles	141.500	71.874	0.027	101	20	0.200
445	Herring Gull	28	Charadriiformes	British Isles	141.500	53.991	0.004	101	21	0.476
446	Herring Gull	28	Charadriiformes	British Isles	141.500	18.910	0.003	101	2	0.500
447	Herring Gull	28	Charadriiformes	British Isles	141.500	21.832	0.001	101	2	0.500
448	Herring Gull	28	Charadriiformes	British Isles	141.500	31.847	0.024	101	218	0.578
449	Herring Gull	28	Charadriiformes	British Isles	141.500	44.490	0.010	101	3	0.667
450	Herring Gull	28	Charadriiformes	British Isles	141.500	19.001	0.019	101	3291	0.795
451	Herring Gull	28	Charadriiformes	British Isles	141.500	44.179	0.001	101	5	0.200
452	Herring Gull	28	Charadriiformes	British Isles	141.500	33.362	0.030	101	170	0.559
453	Herring Gull	28	Charadriiformes	British Isles	141.500	81.923	0.027	101	492	0.404
454	Herring Gull	28	Charadriiformes	British Isles	141.500	45.828	0.030	101	272	0.504
455	Herring Gull	28	Charadriiformes	British Isles	141.500	33.047	0.048	101	189	0.577
456	Herring Gull	28	Charadriiformes	British Isles	141.500	118.505	0.006	101	5	1.000
457	Herring Gull	28	Charadriiformes	British Isles	141.500	44.490	0.005	101	14	1.000
458	Herring Gull	28	Charadriiformes	British Isles	141.500	84.930	0.009	101	54	0.667
459	Herring Gull	28	Charadriiformes	British Isles	141.500	38.007	0.001	101	1	1.000
460	Herring Gull	28	Charadriiformes	British Isles	141.500	35.300	0.005	101	74	0.973
461	Herring Gull	28	Charadriiformes	British Isles	141.500	17.545	0.024	101	19	0.684
462	Herring Gull	28	Charadriiformes	British Isles	141.500	36.624	0.007	101	92	0.924
463	Herring Gull	28	Charadriiformes	British Isles	141.500	50.613	0.009	101	24	0.333
464	Herring Gull	28	Charadriiformes	British Isles	141.500	47.829	0.015	101	2	0.500
465	Herring Gull	28	Charadriiformes	British Isles	141.500	139.769	0.013	101	68	0.544

466	Herring Gull	28	Charadriiformes	British Isles	141.500	112.550	0.056	101	260	0.419
467	Herring Gull	28	Charadriiformes	British Isles	141.500	46.483	0.027	101	3	0.667
468	Herring Gull	28	Charadriiformes	British Isles	141.500	26.463	0.004	101	7	0.857
469	Herring Gull	28	Charadriiformes	British Isles	141.500	47.829	0.008	101	2	0.500
470	Herring Gull	28	Charadriiformes	British Isles	141.500	17.545	0.024	101	50	0.460
471	Herring Gull	28	Charadriiformes	British Isles	141.500	45.189	0.006	101	14	0.357
472	Herring Gull	28	Charadriiformes	British Isles	141.500	181.448	0.027	101	121	0.612
473	Herring Gull	28	Charadriiformes	British Isles	141.500	50.164	0.004	101	46	0.457
474	Herring Gull	28	Charadriiformes	British Isles	141.500	26.279	0.000	101	7	0.429
475	Herring Gull	28	Charadriiformes	British Isles	141.500	50.613	0.008	101	346	0.405
476	Herring Gull	28	Charadriiformes	British Isles	141.500	50.312	0.003	101	8	0.750
477	Herring Gull	28	Charadriiformes	British Isles	141.500	36.624	0.002	101	20	0.450
478	Herring Gull	28	Charadriiformes	British Isles	141.500	41.902	0.001	101	65	0.677
479	Herring Gull	28	Charadriiformes	British Isles	141.500	58.919	0.004	101	68	0.426
480	Herring Gull	28	Charadriiformes	British Isles	141.500	41.902	0.000	101	4	0.750
481	Herring Gull	28	Charadriiformes	British Isles	141.500	136.610	0.018	101	18	0.333
482	Black-legged Kittiwake	29	Charadriiformes	British Isles	94.000	64.692	0.003	75	1	0.000
483	Black-legged Kittiwake	29	Charadriiformes	British Isles	94.000	43.045	0.017	75	8	0.125
484	Black-legged Kittiwake	29	Charadriiformes	British Isles	94.000	77.590	0.006	75	13	0.308
485	Black-legged Kittiwake	29	Charadriiformes	British Isles	94.000	59.329	0.005	75	17	0.353
486	Black-legged Kittiwake	29	Charadriiformes	British Isles	94.000	61.332	0.022	75	1	1.000
487	Black-legged Kittiwake	29	Charadriiformes	British Isles	94.000	31.653	0.074	75	54	0.685
488	Black-legged Kittiwake	29	Charadriiformes	British Isles	94.000	38.413	0.007	75	1	0.000
489	Black-legged Kittiwake	29	Charadriiformes	British Isles	94.000	33.362	0.000	75	2	0.000
490	Black-legged Kittiwake	29	Charadriiformes	British Isles	94.000	69.380	0.003	75	1	0.000
491	Black-legged Kittiwake	29	Charadriiformes	British Isles	94.000	81.420	0.003	75	10	0.000
492	Black-legged Kittiwake	29	Charadriiformes	British Isles	94.000	35.426	0.008	75	73	0.740
493	Black-legged Kittiwake	29	Charadriiformes	British Isles	94.000	24.697	0.009	75	228	0.592
494	Black-legged Kittiwake	29	Charadriiformes	British Isles	94.000	33.362	0.009	75	19	0.421
495	Black-legged Kittiwake	29	Charadriiformes	British Isles	94.000	20.252	0.000	75	32	0.000
496	Black-legged Kittiwake	29	Charadriiformes	British Isles	94.000	110.943	0.008	75	88	0.852
497	Black-legged Kittiwake	29	Charadriiformes	British Isles	94.000	45.828	0.009	75	319	0.944
498	Black-legged Kittiwake	29	Charadriiformes	British Isles	94.000	48.869	0.003	75	12	0.083

499	Black-legged Kittiwake	29	Charadriiformes	British Isles	94.000	118.505	0.001	75	48	0.271
500	Black-legged Kittiwake	29	Charadriiformes	British Isles	94.000	44.490	0.003	75	9	0.000
501	Black-legged Kittiwake	29	Charadriiformes	British Isles	94.000	36.624	0.021	75	398	0.420
502	Black-legged Kittiwake	29	Charadriiformes	British Isles	94.000	47.829	0.021	75	1	0.000
503	Black-legged Kittiwake	29	Charadriiformes	British Isles	94.000	139.769	0.139	75	44	0.932
504	Black-legged Kittiwake	29	Charadriiformes	British Isles	94.000	181.448	0.129	75	16	0.625
505	Black-legged Kittiwake	29	Charadriiformes	British Isles	94.000	50.613	0.001	75	920	0.946
506	Black-legged Kittiwake	29	Charadriiformes	British Isles	94.000	36.624	0.006	75	143	0.350
507	Black-legged Kittiwake	29	Charadriiformes	British Isles	94.000	41.902	0.029	75	5	0.400
508	Black-legged Kittiwake	29	Charadriiformes	British Isles	94.000	58.919	0.001	75	1	0.000
509	Black-legged Kittiwake	29	Charadriiformes	British Isles	94.000	41.902	0.001	75	2	0.000
510	Lesser Black-backed Gull	30	Charadriiformes	British Isles	142.500	64.692	0.002	100	6	0.167
511	Lesser Black-backed Gull	30	Charadriiformes	British Isles	142.500	59.306	0.006	100	7	0.571
512	Lesser Black-backed Gull	30	Charadriiformes	British Isles	142.500	64.692	0.007	100	11	0.000
513	Lesser Black-backed Gull	30	Charadriiformes	British Isles	142.500	56.188	0.005	100	3	0.333
514	Lesser Black-backed Gull	30	Charadriiformes	British Isles	142.500	43.958	0.001	100	5	1.000
515	Lesser Black-backed Gull	30	Charadriiformes	British Isles	142.500	53.250	0.028	100	21	0.190
516	Lesser Black-backed Gull	30	Charadriiformes	British Isles	142.500	15.085	0.001	100	62	0.081
517	Lesser Black-backed Gull	30	Charadriiformes	British Isles	142.500	18.553	0.000	100	2	0.000
518	Lesser Black-backed Gull	30	Charadriiformes	British Isles	142.500	12.970	0.007	100	805	0.058
519	Lesser Black-backed Gull	30	Charadriiformes	British Isles	142.500	15.352	0.029	100	160	0.444
520	Lesser Black-backed Gull	30	Charadriiformes	British Isles	142.500	45.870	0.134	100	1	0.000
521	Lesser Black-backed Gull	30	Charadriiformes	British Isles	142.500	84.930	0.196	100	1811	0.325
522	Lesser Black-backed Gull	30	Charadriiformes	British Isles	142.500	40.842	0.000	100	16	0.250
523	Lesser Black-backed Gull	30	Charadriiformes	British Isles	142.500	71.874	0.004	100	1	0.000
524	Lesser Black-backed Gull	30	Charadriiformes	British Isles	142.500	13.917	0.003	100	1	0.000
525	Lesser Black-backed Gull	30	Charadriiformes	British Isles	142.500	21.988	0.013	100	17	0.471
526	Lesser Black-backed Gull	30	Charadriiformes	British Isles	142.500	19.001	0.010	100	477	0.453
527	Lesser Black-backed Gull	30	Charadriiformes	British Isles	142.500	44.179	0.020	100	333	0.913
528	Lesser Black-backed Gull	30	Charadriiformes	British Isles	142.500	33.362	0.013	100	65	0.277
529	Lesser Black-backed Gull	30	Charadriiformes	British Isles	142.500	41.597	0.001	100	79	0.025
530	Lesser Black-backed Gull	30	Charadriiformes	British Isles	142.500	81.923	0.001	100	4	0.500
531	Lesser Black-backed Gull	30	Charadriiformes	British Isles	142.500	45.828	0.013	100	37	0.216

532	Lesser Black-backed Gull	30	Charadriiformes	British Isles	142.500	33.047	0.001	100	16	0.438
533	Lesser Black-backed Gull	30	Charadriiformes	British Isles	142.500	118.505	0.031	100	35	0.486
534	Lesser Black-backed Gull	30	Charadriiformes	British Isles	142.500	53.074	0.194	100	1071	0.444
535	Lesser Black-backed Gull	30	Charadriiformes	British Isles	142.500	53.074	0.000	100	1	0.000
536	Lesser Black-backed Gull	30	Charadriiformes	British Isles	142.500	35.300	0.001	100	2	1.000
537	Lesser Black-backed Gull	30	Charadriiformes	British Isles	142.500	19.114	0.015	100	23	0.478
538	Lesser Black-backed Gull	30	Charadriiformes	British Isles	142.500	36.624	0.007	100	603	0.836
539	Lesser Black-backed Gull	30	Charadriiformes	British Isles	142.500	50.613	0.060	100	30	0.200
540	Lesser Black-backed Gull	30	Charadriiformes	British Isles	142.500	15.967	0.001	100	1	1.000
541	Lesser Black-backed Gull	30	Charadriiformes	British Isles	142.500	139.769	0.009	100	34	0.412
542	Lesser Black-backed Gull	30	Charadriiformes	British Isles	142.500	17.853	0.010	100	13	0.077
543	Lesser Black-backed Gull	30	Charadriiformes	British Isles	142.500	112.550	0.134	100	342	0.471
544	Lesser Black-backed Gull	30	Charadriiformes	British Isles	142.500	19.114	0.015	100	7	0.143
545	Lesser Black-backed Gull	30	Charadriiformes	British Isles	142.500	181.448	0.003	100	17	0.529
546	Lesser Black-backed Gull	30	Charadriiformes	British Isles	142.500	47.202	0.001	100	6	0.500
547	Lesser Black-backed Gull	30	Charadriiformes	British Isles	142.500	26.279	0.004	100	174	0.310
548	Lesser Black-backed Gull	30	Charadriiformes	British Isles	142.500	50.613	0.060	100	4154	0.641
549	Lesser Black-backed Gull	30	Charadriiformes	British Isles	142.500	33.559	0.000	100	5	0.000
550	Lesser Black-backed Gull	30	Charadriiformes	British Isles	142.500	41.902	0.006	100	5	0.600
551	Lesser Black-backed Gull	30	Charadriiformes	British Isles	142.500	40.312	0.005	100	8	0.500
552	Lesser Black-backed Gull	30	Charadriiformes	British Isles	142.500	38.430	0.029	100	3	0.000
553	Lesser Black-backed Gull	30	Charadriiformes	British Isles	142.500	136.610	0.005	100	13	0.154
554	Lesser Black-backed Gull	30	Charadriiformes	British Isles	142.500	41.597	0.001	100	11	0.000
555	Little Tern	31	Charadriiformes	British Isles	50.000	62.130	0.000	31	1	0.000
556	Little Tern	31	Charadriiformes	British Isles	50.000	43.045	0.019	31	13	0.385
557	Little Tern	31	Charadriiformes	British Isles	50.000	24.525	0.000	31	25	0.120
558	Little Tern	31	Charadriiformes	British Isles	50.000	38.413	0.000	31	8	1.000
559	Little Tern	31	Charadriiformes	British Isles	50.000	89.644	0.030	31	9	0.667
560	Little Tern	31	Charadriiformes	British Isles	50.000	26.088	0.035	31	8	0.750
561	Little Tern	31	Charadriiformes	British Isles	50.000	73.958	0.038	31	2	1.000
562	Little Tern	31	Charadriiformes	British Isles	50.000	55.286	0.000	31	21	0.619
563	Little Tern	31	Charadriiformes	British Isles	50.000	44.011	0.001	31	1	0.000
564	Little Tern	31	Charadriiformes	British Isles	50.000	43.697	0.023	31	4	0.000

565	Little Tern	31	Charadriiformes	British Isles	50.000	56.972	0.018	31	8	0.000
566	Little Tern	31	Charadriiformes	British Isles	50.000	44.490	0.005	31	1	0.000
567	Little Tern	31	Charadriiformes	British Isles	50.000	40.783	0.000	31	1	0.000
568	Little Tern	31	Charadriiformes	British Isles	50.000	39.196	0.035	31	2	0.000
569	Little Tern	31	Charadriiformes	British Isles	50.000	43.717	0.070	31	1	0.000
570	Little Tern	31	Charadriiformes	British Isles	50.000	20.252	0.000	31	1	1.000
571	Little Tern	31	Charadriiformes	British Isles	50.000	81.923	0.000	31	3	0.000
572	Little Tern	31	Charadriiformes	British Isles	50.000	48.869	0.009	31	4	0.750
573	Little Tern	31	Charadriiformes	British Isles	50.000	94.755	0.000	31	7	0.143
574	Little Tern	31	Charadriiformes	British Isles	50.000	87.945	0.023	31	9	0.222
575	Little Tern	31	Charadriiformes	British Isles	50.000	50.613	0.279	31	50	0.460
576	Little Tern	31	Charadriiformes	British Isles	50.000	101.782	0.009	31	8	1.000
577	Little Tern	31	Charadriiformes	British Isles	50.000	19.114	0.000	31	1	0.000
578	Little Tern	31	Charadriiformes	British Isles	50.000	50.613	0.069	31	5	0.000
579	Little Tern	31	Charadriiformes	British Isles	50.000	53.788	0.000	31	2	0.500
580	Manx Shearwater	32	Procellariiformes	British Isles	82.500	148.136	0.134	15	1	1.000
581	Manx Shearwater	32	Procellariiformes	British Isles	82.500	61.332	0.004	15	9	0.778
582	Manx Shearwater	32	Procellariiformes	British Isles	82.500	71.153	0.414	15	1	0.000
583	Manx Shearwater	32	Procellariiformes	British Isles	82.500	167.092	0.000	15	50	1.000
584	Manx Shearwater	32	Procellariiformes	British Isles	82.500	71.153	0.043	15	558	0.950
585	Manx Shearwater	32	Procellariiformes	British Isles	82.500	110.943	0.359	15	212	0.981
586	Manx Shearwater	32	Procellariiformes	British Isles	82.500	61.332	0.000	15	6	1.000
587	Manx Shearwater	32	Procellariiformes	British Isles	82.500	302.069	0.001	15	1	1.000
588	Manx Shearwater	32	Procellariiformes	British Isles	82.500	71.271	0.414	15	659	0.642
589	Manx Shearwater	32	Procellariiformes	British Isles	82.500	113.582	0.017	15	1349	0.954
590	Atlantic Puffin	33	Charadriiformes	British Isles	55.000	64.692	0.016	43	1	0.000
591	Atlantic Puffin	33	Charadriiformes	British Isles	55.000	31.847	0.047	43	68	0.882
592	Atlantic Puffin	33	Charadriiformes	British Isles	55.000	24.697	0.070	43	94	0.638
593	Atlantic Puffin	33	Charadriiformes	British Isles	55.000	71.153	0.002	43	10	0.800
594	Atlantic Puffin	33	Charadriiformes	British Isles	55.000	110.943	0.002	43	8	1.000
595	Atlantic Puffin	33	Charadriiformes	British Isles	55.000	49.156	0.121	43	65	0.385
596	Atlantic Puffin	33	Charadriiformes	British Isles	55.000	139.769	0.103	43	965	0.996
597	Atlantic Puffin	33	Charadriiformes	British Isles	55.000	71.271	0.015	43	171	0.942

598	Atlantic Puffin	33	Charadriiformes	British Isles	55.000	181.448	0.179	43	64	0.875
599	Atlantic Puffin	33	Charadriiformes	British Isles	55.000	136.610	0.391	43	80	0.788
600	Razorbill	34	Charadriiformes	British Isles	65.500	64.692	0.005	51	1	1.000
601	Razorbill	34	Charadriiformes	British Isles	65.500	43.958	0.017	51	138	0.275
602	Razorbill	34	Charadriiformes	British Isles	65.500	61.332	0.042	51	85	0.541
603	Razorbill	34	Charadriiformes	British Isles	65.500	31.653	0.035	51	1	1.000
604	Razorbill	34	Charadriiformes	British Isles	65.500	81.420	0.005	51	7	0.143
605	Razorbill	34	Charadriiformes	British Isles	65.500	35.426	0.003	51	18	0.889
606	Razorbill	34	Charadriiformes	British Isles	65.500	24.697	0.019	51	9	0.444
607	Razorbill	34	Charadriiformes	British Isles	65.500	71.153	0.014	51	185	0.919
608	Razorbill	34	Charadriiformes	British Isles	65.500	110.943	0.008	51	768	0.939
609	Razorbill	34	Charadriiformes	British Isles	65.500	116.743	0.011	51	305	0.961
610	Razorbill	34	Charadriiformes	British Isles	65.500	48.869	0.007	51	25	0.160
611	Razorbill	34	Charadriiformes	British Isles	65.500	118.505	0.001	51	1	0.000
612	Razorbill	34	Charadriiformes	British Isles	65.500	139.769	0.047	51	36	0.861
613	Razorbill	34	Charadriiformes	British Isles	65.500	71.271	0.045	51	460	0.863
614	Razorbill	34	Charadriiformes	British Isles	65.500	181.448	0.044	51	173	0.763
615	Razorbill	34	Charadriiformes	British Isles	65.500	58.919	0.111	51	2	0.500
616	Razorbill	34	Charadriiformes	British Isles	65.500	136.610	0.173	51	251	0.837
617	Sandwich Tern	35	Charadriiformes	British Isles	87.000	65.986	0.016	21	26	0.038
618	Sandwich Tern	35	Charadriiformes	British Isles	87.000	59.094	0.109	21	10	0.100
619	Sandwich Tern	35	Charadriiformes	British Isles	87.000	166.390	0.074	21	161	0.143
620	Sandwich Tern	35	Charadriiformes	British Isles	87.000	133.725	0.000	21	324	0.506
621	Sandwich Tern	35	Charadriiformes	British Isles	87.000	89.644	0.024	21	21	0.095
622	Sandwich Tern	35	Charadriiformes	British Isles	87.000	73.958	0.002	21	20	1.000
623	Sandwich Tern	35	Charadriiformes	British Isles	87.000	28.831	0.000	21	14	0.071
624	Sandwich Tern	35	Charadriiformes	British Isles	87.000	31.847	0.000	21	6	0.333
625	Sandwich Tern	35	Charadriiformes	British Isles	87.000	42.658	0.021	21	24	0.083
626	Sandwich Tern	35	Charadriiformes	British Isles	87.000	43.717	0.025	21	25	0.000
627	Sandwich Tern	35	Charadriiformes	British Isles	87.000	112.198	0.000	21	11	0.000
628	Sandwich Tern	35	Charadriiformes	British Isles	87.000	174.284	0.032	21	8	0.250
629	Sandwich Tern	35	Charadriiformes	British Isles	87.000	17.545	0.000	21	3	0.000
630	Sandwich Tern	35	Charadriiformes	British Isles	87.000	89.644	0.258	21	959	0.146

631	Sandwich Tern	35	Charadriiformes	British Isles	87.000	50.613	0.300	21	48	0.021
632	Sandwich Tern	35	Charadriiformes	British Isles	87.000	139.769	0.012	21	66	0.015
633	Sandwich Tern	35	Charadriiformes	British Isles	87.000	50.613	0.000	21	4	0.000
634	Sandwich Tern	35	Charadriiformes	British Isles	87.000	58.919	0.109	21	141	0.064
635	European Shag	36	Suliformes	British Isles	102.500	96.904	0.019	52	11	0.636
636	European Shag	36	Suliformes	British Isles	102.500	43.045	0.042	52	17	0.118
637	European Shag	36	Suliformes	British Isles	102.500	64.692	0.006	52	13	0.385
638	European Shag	36	Suliformes	British Isles	102.500	56.188	0.003	52	28	0.643
639	European Shag	36	Suliformes	British Isles	102.500	43.958	0.008	52	203	0.369
640	European Shag	36	Suliformes	British Isles	102.500	61.332	0.103	52	376	0.620
641	European Shag	36	Suliformes	British Isles	102.500	76.040	0.000	52	19	0.526
642	European Shag	36	Suliformes	British Isles	102.500	82.143	0.034	52	5	0.600
643	European Shag	36	Suliformes	British Isles	102.500	40.842	0.002	52	26	0.192
644	European Shag	36	Suliformes	British Isles	102.500	81.420	0.008	52	23	0.087
645	European Shag	36	Suliformes	British Isles	102.500	18.910	0.001	52	25	0.600
646	European Shag	36	Suliformes	British Isles	102.500	31.847	0.009	52	579	0.720
647	European Shag	36	Suliformes	British Isles	102.500	24.697	0.023	52	4256	0.820
648	European Shag	36	Suliformes	British Isles	102.500	71.153	0.021	52	76	0.474
649	European Shag	36	Suliformes	British Isles	102.500	110.943	0.057	52	1154	0.798
650	European Shag	36	Suliformes	British Isles	102.500	33.047	0.003	52	1	0.000
651	European Shag	36	Suliformes	British Isles	102.500	116.743	0.019	52	190	0.674
652	European Shag	36	Suliformes	British Isles	102.500	48.869	0.028	52	124	0.331
653	European Shag	36	Suliformes	British Isles	102.500	118.505	0.034	52	38	0.579
654	European Shag	36	Suliformes	British Isles	102.500	17.545	0.015	52	3	0.333
655	European Shag	36	Suliformes	British Isles	102.500	49.156	0.040	52	671	0.621
656	European Shag	36	Suliformes	British Isles	102.500	139.769	0.058	52	258	0.659
657	European Shag	36	Suliformes	British Isles	102.500	71.271	0.007	52	21	0.190
658	European Shag	36	Suliformes	British Isles	102.500	17.545	0.015	52	15	0.200
659	European Shag	36	Suliformes	British Isles	102.500	45.189	0.011	52	1	0.000
660	European Shag	36	Suliformes	British Isles	102.500	181.448	0.190	52	458	0.330
661	European Shag	36	Suliformes	British Isles	102.500	58.919	0.009	52	13	0.385
662	European Shag	36	Suliformes	British Isles	102.500	136.610	0.082	52	154	0.779
663	European Shag	36	Suliformes	British Isles	102.500	58.919	0.001	52	2	0.500

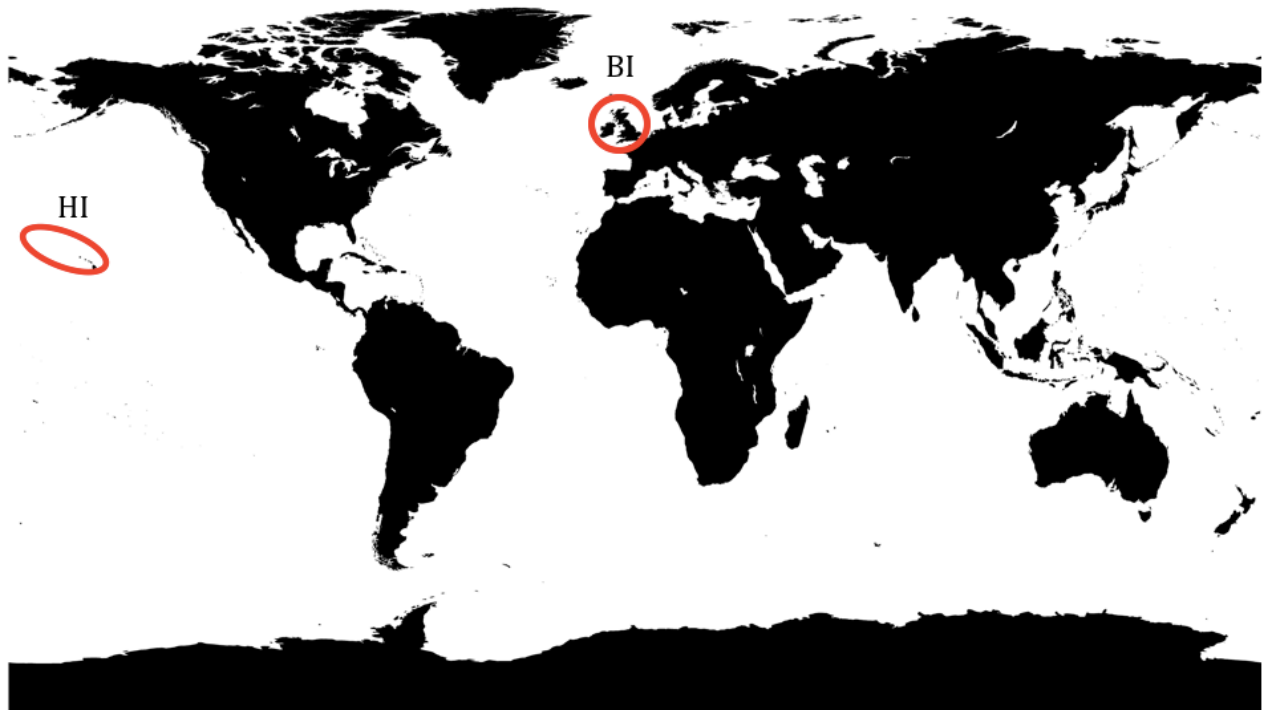


Fig. A1. locations of all seabird colonies surveyed ($n = 663$), with extent indicators on the Hawaiian Archipelago (HI) and the British Isles (BI).