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Mr Stuart McAuley - Offshore Wind Power
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West of Orkney Windfarm

Offshore Ornithology Supplementary Environmental Information

Annex 1H: Design-based analysis mean abundance estimates from each calendar month of all birds (sitting and flying)

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Tel: 0141 342 5404

Web: www.macarthurgreen.com

Address: 93 South Woodside Road | Glasgow | G20 6NT

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1.1 Arctic Skua

Table 1. Monthly abundance of Arctic skua recorded in flight and on the sea, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Month	Abundance											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jan	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
May	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun	3.87 (6.41)	3.92	0-23.23	1.65	3.87 (6.32)	3.86	0-23.23	1.63	3.87 (6.3)	3.83	0-23.23	1.63
Jul	2.64 (5.75)	2.66	0-15.86	2.18	10.58 (18.01)	10.81	0-55.52	1.70	10.58 (17.01)	10.21	0-55.52	1.61
Aug	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Oct	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Nov	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	

1.2 Arctic Tern

Table 2. Monthly abundance of Arctic tern recorded in flight and on the sea, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Month	Abundance											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jan	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
May	3.88 (6.57)	3.98	0-23.29	1.69	3.88 (6.47)	3.88	0-23.29	1.67	3.88 (6.41)	3.82	0-23.29	1.65
Jun	89.14 (120.22)	90.00	0-379.83	1.35	89.14 (121.73)	89.34	0-379.83	1.37	89.14 (120.6)	89.30	0-379.83	1.35
Jul	5.29 (9.41)	5.13	0-31.73	1.78	15.86 (27.86)	15.46	0-95.18	1.76	15.86 (29.83)	16.62	0-103.11	1.88
Aug	23.41 (47.53)	23.51	0-148.26	2.03	31.15 (45.37)	30.14	0-148.26	1.46	36.36 (50.88)	35.55	0-179.48	1.40
Sep	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Oct	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Nov	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	

1.3 Auk sp.

Table 3. Monthly abundance of auk sp. recorded in flight and on the sea, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Month	Abundance											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jan	77.48 (27.24)	76.50	30.99-131.72	0.35	123.97 (32.73)	125.22	61.98-193.7	0.26	123.97 (32.56)	123.07	61.98-185.95	0.26
Feb	12.91 (9.95)	12.92	0-38.73	0.77	12.91 (10.09)	13.00	0-38.73	0.78	18.07 (14.39)	17.95	0-54.22	0.80
Mar	15.49 (20.03)	15.56	0-61.96	1.29	23.24 (21.47)	23.17	0-69.71	0.92	27.11 (24.37)	26.83	0-77.45	0.90
Apr	131.77 (77.53)	131.07	30.95-271.46	0.59	170.54 (107.01)	169.02	30.95-356.78	0.63	228.71 (166.26)	229.69	30.95-488.63	0.73
May	27.17 (25.96)	27.83	0-85.4	0.96	50.46 (49.47)	51.30	0-147.51	0.98	85.39 (76.23)	86.15	0-225.15	0.89
Jun	38.72 (37.84)	38.39	0-123.89	0.98	50.33 (48.8)	50.86	0-147.12	0.97	85.18 (74.66)	85.60	0-216.81	0.88
Jul	175.32 (123.11)	172.87	0-372.88	0.70	249.58 (156.69)	247.86	23.26-497.27	0.63	350.64 (228.33)	347.99	23.26-713.82	0.65
Aug	80.53 (64.08)	79.58	7.8-216.82	0.80	122.29 (87.09)	123.02	15.61-294.45	0.71	159.03 (98.63)	159.62	23.21-340.72	0.62
Sep	83.38 (51.41)	84.38	7.75-178.21	0.62	112.1 (66.52)	112.63	7.75-224.69	0.59	135.45 (77.41)	133.64	15.49-263.43	0.57
Oct	42.65 (20.19)	42.69	7.75-85.29	0.47	73.66 (24.13)	73.05	31.02-124.06	0.33	85.29 (25.23)	84.61	38.77-139.57	0.30
Nov	54.22 (25.42)	54.08	7.76-108.37	0.47	77.46 (30.34)	78.70	23.27-147.07	0.39	81.34 (28.4)	81.22	31.02-139.59	0.35
Dec	31 (28.46)	31.72	0-93	0.92	42.62 (39.16)	42.48	0-116.24	0.92	46.5 (42.87)	46.66	0-131.74	0.92

1.4 Black-headed Gull

Table 4. Monthly abundance of black-headed gull recorded in flight and on the sea, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Month	Abundance											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jan	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr	3.87 (6.49)	3.95	0-23.21	1.68	3.87 (6.59)	3.96	0-23.21	1.7	3.87 (6.24)	3.87	0-23.21	1.61
May	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jul	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Oct	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Nov	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	

1.5 Black Guillemot

Table 5. Monthly abundance of black guillemot recorded in flight and on the sea, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Month	Abundance											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jan	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
May	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jul	2.58 (5.5)	2.62	0-15.5	2.13	2.58 (5.37)	2.53	0-15.5	2.08	2.58 (5.58)	2.60	0-15.5	2.16
Aug	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Oct	3.88 (6.45)	3.83	0-23.26	1.66	3.88 (6.4)	3.99	0-23.26	1.65	3.88 (6.47)	3.94	0-23.26	1.67
Nov	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	

1.6 Common Gull

Table 6. Monthly abundance of common gull recorded in flight and on the sea, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Month	Abundance											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jan	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr	0 (0)	0	0-0		3.88 (6.25)	3.68	0-23.27	1.61	3.88 (6.52)	3.92	0-23.27	1.68
May	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jul	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Oct	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Nov	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	

1.7 Common Tern

Table 7. Monthly abundance of common tern recorded in flight and on the sea, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Month	Abundance											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jan	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
May	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jul	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug	0 (0)	0	0-0		2.65 (5.38)	2.71	0-15.92	2.03	5.31 (8.91)	5.27	0-23.89	1.68
Sep	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Oct	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Nov	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	

1.8 Cory's Shearwater

Table 8. Monthly abundance of Cory's shearwater recorded in flight and on the sea, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Month	Abundance											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jan	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
May	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jul	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug	2.58 (5.55)	2.52	0-15.49	2.15	2.58 (5.49)	2.57	0-15.49	2.13	2.58 (5.58)	2.65	0-15.49	2.16
Sep	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Oct	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Nov	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	

1.9 European Storm-petrel

Table 9. Monthly abundance of European storm-petrel recorded in flight and on the sea, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Month	Abundance											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jan	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
May	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jul	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug	67.11 (105.33)	67.91	0-317.49	1.57	74.85 (113.57)	73.93	0-340.72	1.52	95.58 (138.57)	96.00	0-402.67	1.45
Sep	10.33 (16.59)	10.17	0-54.24	1.61	12.91 (20.53)	13.08	0-61.98	1.59	41.32 (59.15)	42.03	0-170.44	1.43
Oct	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Nov	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	

1.10 Fulmar

Table 10. Monthly abundance of fulmar recorded in flight and on the sea, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Month	Abundance											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jan	1255.19 (222.27)	1,249.51	875.34-1720.27	0.18	1921.53 (300.47)	1,930.27	1394.66-	0.16	2797.07 (321.56)	2,805.12	2215.96-3463.6	0.11
Feb	648.21 (372.3)	648.85	108.43-1293.61	0.57	976.18 (543.9)	984.77	232.35-1959.78	0.56	1355.81 (720.09)	1,358.82	333.04-2478.77	0.53
Mar	1189.88 (442.61)	1,194.22	495.7-1899.94	0.37	1682.13 (621.18)	1,677.17	759.04-2613.39	0.37	2104.59 (758.89)	2,101.07	1014.63-	0.36
Apr	371.72 (161.77)	374.70	69.8-682.53	0.44	449.16 (173.58)	444.63	124.1-752.33	0.39	569.21 (181.74)	566.03	209.41-858.73	0.32
May	85.36 (44.99)	84.52	15.5-170.8	0.53	228.83 (55.83)	227.34	131.76-356.72	0.24	267.64 (60.39)	270.51	139.74-387.52	0.23
Jun	61.94 (65.85)	62.26	0-178.09	1.06	85.17 (88.56)	85.20	0-224.55	1.04	104.53 (107.24)	104.43	0-271.01	1.03
Jul	341.54 (155.9)	342.26	116.28-641.64	0.46	485.2 (262.87)	490.31	155.04-994.74	0.54	758.63 (462.28)	755.52	279.06-	0.61
Aug	930.9 (656.43)	930.09	265.31-2706.97	0.71	1105.01 (652.11)	1,102.27	366.75-2779.03	0.59	1357.49 (679.66)	1,354.53	538.43-2954.18	0.50
Sep	1566.3 (1226.78)	1,589.78	457.14-	0.78	1917.82 (1265.23)	1,916.01	619.85-5268.33	0.66	2204.62	2,192.56	891.03-	0.57
Oct	1294.92 (517.3)	1,289.71	403.21-2574.73	0.40	1721.39 (481.75)	1,719.99	721.13-2745.12	0.28	2965.9 (979.13)	2,952.28	1325.94-	0.33
Nov	631.7 (357.6)	635.68	263.17-1458.16	0.57	813.77 (347.66)	817.51	425.72-1613.06	0.43	1971.75 (528.13)	1,971.54	1013.84-	0.27
Dec	1635.12 (368.89)	1,630.01	968.7-2410.13	0.23	2774.25 (1018.46)	2,774.99	1480.18-	0.37	3432.94	3,434.54	1751.42-6470.9	0.40

1.11 Gannet

Table 11. Monthly abundance of gannet recorded in flight and on the sea, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Month	Abundance											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jan	23.24 (14.35)	22.93	0-54.24	0.62	30.99 (15.84)	30.78	7.75-69.73	0.51	30.99 (16.09)	30.56	7.75-62.18	0.52
Feb	49.06 (30.68)	49.46	0-108.45	0.63	59.39 (32.86)	59.72	0-116.19	0.55	90.38 (29.24)	90.62	31-147.25	0.32
Mar	85.29 (67.66)	85.56	7.75-209.38	0.79	127.92 (79.28)	127.34	23.24-263.67	0.62	166.67 (81.49)	166.25	54.22-310.19	0.49
Apr	445.17 (199.4)	444.45	170.63-812.31	0.45	603.93 (227.26)	606.27	286.97-997.98	0.38	739.47 (247.16)	739.20	395.56-1152.71	0.33
May	252.02 (114.99)	252.32	100.93-496.03	0.46	376.12 (144.4)	376.01	178.57-666.54	0.38	546.8 (138.84)	543.44	302.79-821.55	0.25
Jun	263.36 (116.15)	264.37	116.08-518.78	0.44	336.96 (122.17)	335.60	162.78-596.22	0.36	406.67 (134.82)	406.03	217.04-681.39	0.33
Jul	314.15 (130.01)	312.72	120.31-617.58	0.41	400.83 (131.37)	395.71	176.45-689.76	0.33	653.26 (373.05)	664.73	312.8-1732.42	0.57
Aug	851.66 (1091.59)	851.89	93.64-3981.64	1.28	958.12 (1078.22)	964.43	156.07-3917.55	1.13	1228.14 (1083.22)	1,246.90	265.31-4068.62	0.88
Sep	673.71 (287.49)	669.45	252.95-1200.83	0.43	902.28 (320.8)	903.26	426.85-1510.72	0.36	1284.07 (345.81)	1,283.99	695.61-1882.59	0.27
Oct	938.23 (233.43)	941.55	550.53-1387.97	0.25	1170.85 (325.96)	1,171.51	659.09-1721.4	0.28	1399.6 (363.39)	1,409.35	852.94-	0.26
Nov	11.62 (9.51)	11.43	0-31.02	0.82	34.85 (20.22)	34.53	0-77.4	0.58	46.47 (23.83)	46.74	7.76-92.88	0.51
Dec	31 (28.3)	30.85	0-92.99	0.91	42.62 (33.02)	42.36	0-108.68	0.77	46.5 (31.15)	46.42	7.75-116.24	0.67

1.12 Great Black-backed Gull

Table 12. Monthly abundance of great black-backed gull recorded in flight and on the sea, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Month	Abundance											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jan	61.98 (21.35)	62.13	23.24-108.47	0.34	61.98 (22.59)	63.71	23.24-108.47	0.36	85.23 (23.2)	85.67	46.49-139.47	0.27
Feb	72.3 (48.45)	72.17	15.49-185.91	0.67	116.19 (78.84)	115.02	15.5-286.57	0.68	170.42 (97.5)	170.48	54.02-441.47	0.57
Mar	11.62 (9.47)	11.44	0-30.98	0.81	23.25 (12.19)	23.18	0-46.53	0.52	34.88 (14.59)	34.73	7.75-69.71	0.42
Apr	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
May	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun	7.75 (12.9)	8.03	0-46.51	1.66	7.75 (12.24)	7.27	0-46.51	1.58	7.75 (12.47)	7.78	0-46.51	1.61
Jul	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Oct	3.88 (6.62)	3.90	0-23.26	1.71	7.75 (10.54)	7.70	0-31.02	1.36	15.51 (21.73)	15.93	0-69.79	1.40
Nov	116.21 (34.06)	117.58	54.29-186.12	0.29	162.67 (54.6)	163.51	69.8-270.91	0.34	182.02 (70.33)	181.37	69.8-309.81	0.39
Dec	139.49 (131.25)	139.81	0-364.23	0.94	220.86 (165.72)	222.20	23.25-480.48	0.75	275.11 (196.61)	275.46	46.49-581.42	0.71

1.13 Great Northern Diver

Table 13. Monthly abundance of great northern diver recorded in flight and on the sea, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Month	Abundance											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jan	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
May	7.76 (7.1)	7.50	0-23.29	0.92	7.76 (6.85)	7.54	0-23.29	0.88	7.76 (7.08)	7.70	0-23.29	0.91
Jun	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jul	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Oct	3.88 (6.2)	3.73	0-23.26	1.60	3.88 (6.28)	3.82	0-23.26	1.62	3.88 (6.26)	3.86	0-23.26	1.62
Nov	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	

1.14 Great Shearwater

Table 14. Monthly abundance of great shearwater recorded in flight and on the sea, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Month	Abundance											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jan	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Feb	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Mar	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Apr	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
May	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Jun	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Jul	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Aug	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Sep	0 (0)	0	0-0		0 (0)	0	0-0		2.63 (5.47)	2.63	0-15.81	2.08
Oct	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Nov	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Dec	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	

1.15 Great Skua

Table 15. Monthly abundance of great skua recorded in flight and on the sea, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Month	Abundance											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jan	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr	27.14 (23.62)	27.34	0-77.56	0.87	31.01 (27.34)	31.05	0-85.32	0.88	38.77 (34.07)	38.25	0-100.83	0.88
May	3.88 (6.27)	3.75	0-23.25	1.62	11.63 (9.57)	11.58	0-31	0.82	19.39 (11.04)	19.30	0-46.5	0.57
Jun	15.49 (18.76)	15.64	0-54.2	1.21	15.49 (18.64)	15.50	0-54.2	1.20	23.23 (26.43)	23.52	0-77.43	1.14
Jul	7.93 (9.46)	7.69	0-32.08	1.19	21 (14.5)	21.04	0-48.12	0.69	26.29 (12.98)	26.17	7.75-54.26	0.49
Aug	113.79 (185.87)	110.17	0-621.01	1.63	113.79 (185.58)	111.87	0-628.97	1.63	113.79 (191.2)	117.35	0-644.9	1.68
Sep	0 (0)	0.00	0-0		0 (0)	0.00	0-0		2.63 (4.98)	2.54	0-15.81	1.89
Oct	3.88 (6.25)	3.91	0-23.26	1.61	3.88 (6.17)	3.75	0-23.26	1.59	3.88 (6.69)	4.06	0-23.26	1.73
Nov	3.88 (5.8)	3.63	0-15.51	1.50	3.88 (6.19)	3.91	0-23.27	1.60	3.88 (6.32)	3.99	0-23.27	1.63
Dec	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	

1.16 Guillemot

Table 16. Monthly abundance of guillemot recorded in flight and on the sea, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Month	Abundance											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jan	612.1 (100.17)	606.65	418.2-798.25	0.16	1038.25 (126.01)	1,038.21	805.8-1293.93	0.12	1379.16 (144.91)	1,366.38	1092.48-	0.11
Feb	645.45 (722.94)	653.18	38.75-2261.76	1.12	818.45 (793.87)	809.85	100.75-2470.88	0.97	1081.82 (984.1)	1,078.83	224.75-	0.91
Mar	778.48 (657.13)	776.47	62.04-1711.71	0.84	1138.7 (911.35)	1,138.64	162.85-2377.8	0.80	1669.31 (1365.83)	1,667.42	240.4-3617.05	0.82
Apr	2162.72 (1260.64)	2,174.47	742.68-	0.58	3108.52 (1831.98)	3,088.70	1083.08-	0.59	4387.66	4,384.47	1516.31-7818.07	0.60
May	632.59 (463.33)	632.76	100.76-1358.67	0.73	908.11 (628.8)	906.83	162.76-1878.85	0.69	1598.84 (1056.2)	1,603.41	333.27-3253.24	0.66
Jun	1103.72 (581.13)	1,105.24	372.08-	0.53	1328.36 (638.06)	1,322.27	503.85-	0.48	1661.48 (674.33)	1,681.84	813.92-2989.01	0.41
Jul	2323.68	2,326.96	496.11-5250.8	0.67	3565.71 (2383.45)	3,557.33	860.45-	0.67	4296.34 (2584.11)	4,296.73	1379.62-	0.60
Aug	1391.34 (643.2)	1,383.88	445.85-2614.1	0.46	2229.26 (1032.32)	2,233.24	772.28-4096.73	0.46	3426 (1798.18)	3,414.02	1106.67-	0.52
Sep	2200.09 (351.36)	2,209.10	1462.37-	0.16	3128.6 (401.65)	3,120.54	2292.36-	0.13	4262.39 (455.16)	4,275.00	3478.07-	0.11
Oct	1756.28 (284.44)	1,753.22	1287.17-	0.16	2756.54 (463.53)	2,761.96	2008.29-	0.17	3566.84 (402.87)	3,570.05	2876.75-	0.11
Nov	410.43 (221.7)	410.00	147.35-781.78	0.54	580.9 (213.93)	582.53	286.94-952.06	0.37	797.73 (316.12)	799.31	395.51-1292.64	0.40
Dec	507.59 (207.55)	509.73	224.72-852.46	0.41	879.56 (294.64)	882.02	464.95-1379.43	0.33	1236.04 (400.04)	1,235.97	705.17-1883.16	0.32

Table 17. Monthly abundance of guillemot (including unidentified auks apportioned using identified auk ratios) recorded in flight and on the sea, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Month	Abundance											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jan	712.83 (116.65)	706.48	487.02-929.61	0.16	1193.21 (144.82)	1,193.16	926.07-	0.12	1580.61 (166.08)	1,565.96	1252.06-	0.11
Feb	689.34 (173.04)	697.48	405.68-1063.27	0.25	880.42 (174.71)	871.46	581.09-1256.1	0.20	1164.45 (195.67)	1,161.30	842.81-1587.29	0.17
Mar	844.34 (119.38)	842.16	622.3-1088.5	0.14	1227.8 (140.57)	1,227.72	970.14-1518.85	0.11	1781.66 (223.35)	1,779.74	1366.21-	0.13
Apr	2313.91 (296.53)	2,326.55	1754.75-	0.13	3310.11 (321.34)	3,288.91	2728.5-3974.65	0.10	4659.04 (343.64)	4,655.48	3992.83-	0.07
May	652 (113.66)	652.16	443.81-896.3	0.17	931.39 (158.51)	930.08	652.63-1265.74	0.17	1653.17 (289.72)	1,657.94	1124.01-2254.3	0.18

Month	Abundance											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jun	1126.96 (286.16)	1,128.52	648.5-1732.19	0.25	1351.59 (304.56)	1,345.39	815.66-1982.76	0.23	1692.45 (311.71)	1,713.18	1159.47-	0.18
Jul	2456.53 (423.13)	2,460.08	1688.68-	0.17	3754.28 (552.44)	3,745.86	2735.05-	0.15	4543.17 (525.58)	4,543.56	3532.04-	0.12
Aug	1448.6 (242.97)	1,440.73	1004.56-1948.7	0.17	2309.92 (328.14)	2,313.82	1660.03-	0.14	3532.84 (381.28)	3,520.57	2769.86-	0.11
Sep	2304.13 (304.81)	2,313.63	1737.68-	0.13	3271.9 (360.67)	3,263.53	2589.83-	0.11	4436.94 (428.34)	4,450.02	3645.88-	0.10
Oct	1864.84 (264.39)	1,861.54	1367.35-	0.14	2927.13 (340.33)	2,932.81	2313.83-3614.31	0.12	3776.19 (346.99)	3,779.51	3156.4-4518.1	0.09
Nov	491.76 (82.79)	491.25	333.78-654.78	0.17	700.96 (99.77)	702.86	513.5-897.84	0.14	929.42 (105.16)	931.26	734.79-1142.53	0.11
Dec	592.83 (88.79)	595.41	426.35-777.12	0.15	1019.05 (129.49)	1,021.76	781.84-1273.92	0.13	1394.9 (136.25)	1,394.75	1145.94-1670	0.10

Table 18. Monthly abundance of guillemot (including unidentified auks apportioned using identified auk ratios and accounting for availability bias) recorded in flight and on the sea, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Month	Abundance											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jan	906.53 (148.35)	898.46	619.37-1182.22	0.16	1541.87 (187.13)	1,541.82	1196.68-	0.12	2045.5 (214.92)	2,026.54	1620.31-	0.11
Feb	888.14 (222.8)	898.60	522.76-1369.6	0.25	1136.02 (225.24)	1,124.53	749.76-1620.22	0.20	1492.35 (250.45)	1,488.35	1080.42-	0.17
Mar	1084.47 (154.2)	1,081.68	797.85-1399.91	0.14	1576.4 (181.12)	1,576.28	1244.42-	0.11	2296.8 (288.17)	2,294.34	1760.81-	0.13
Apr	3019.34 (386.79)	3,035.87	2290.07-	0.13	4306.27 (417.94)	4,278.62	3549.99-	0.10	6062.23 (446.73)	6,057.45	5195.96-	0.07
May	787.82 (138.37)	788.02	534.79-1085.39	0.18	1133.18 (194.55)	1,131.52	791.7-1544.14	0.17	2048.97 (361.36)	2,054.63	1389.76-	0.18
Jun	1456.13 (369.74)	1,458.16	837.98-2238.11	0.25	1731.12 (390.09)	1,723.17	1044.69-	0.23	2168.82 (399.4)	2,195.39	1485.94-	0.18
Jul	3179.61 (547.63)	3,184.23	2185.98-	0.17	4860.91 (714.42)	4,850.19	3542.8-6262.02	0.15	5874.16 (679.23)	5,874.80	4567.6-7187.11	0.12
Aug	1895.88 (318.04)	1,885.59	1314.66-	0.17	3025.21 (429.78)	3,030.34	2174.06-	0.14	4625.37 (499.13)	4,609.28	3626.54-	0.11
Sep	3010.67 (398.17)	3,023.06	2270.69-	0.13	4275.05 (471.24)	4,264.12	3383.93-	0.11	5799.78 (559.96)	5,816.87	4765.69-	0.10
Oct	2388.23 (339.5)	2,384.15	1749.37-	0.14	3729.67 (434.21)	3,737.12	2947.57-	0.12	4784.21 (440.24)	4,788.63	3998.48-	0.09
Nov	631.15 (106.22)	630.50	428.43-840.28	0.17	906.21 (128.96)	908.68	663.91-1160.68	0.14	1192.75 (134.95)	1,195.12	942.99-1466.21	0.11
Dec	767.2 (114.64)	770.56	552.16-1005.15	0.15	1321.28 (167.66)	1,324.72	1014.09-1651.13	0.13	1809.5 (176.61)	1,809.26	1486.79-	0.10

1.17 Herring Gull

Table 19. Monthly abundance of herring gull recorded in flight and on the sea, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Month	Abundance											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jan	7.75 (7.07)	7.55	0-23.24	0.91	7.75 (7.45)	7.86	0-23.24	0.96	15.5 (9.85)	15.44	0-38.74	0.64
Feb	5.16 (9.44)	5.26	0-30.98	1.83	5.16 (9.44)	5.31	0-30.98	1.83	7.75 (9.45)	7.69	0-30.98	1.22
Mar	3.88 (6.3)	3.85	0-23.26	1.62	7.75 (7.1)	7.85	0-23.26	0.92	7.75 (7.14)	7.77	0-23.26	0.92
Apr	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
May	0 (0)	0.00	0-0		7.75 (12.28)	7.86	0-46.5	1.58	7.75 (12.61)	8.14	0-46.5	1.63
Jun	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jul	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Oct	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Nov	15.5 (12.81)	15.32	0-46.53	0.83	15.5 (12.76)	15.48	0-46.53	0.82	19.38 (16.33)	18.99	0-54.29	0.84
Dec	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	

1.18 Kittiwake

Table 20. Monthly abundance of kittiwake recorded in flight and on the sea, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Month	Abundance											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jan	46.49 (16.44)	46.46	15.5-77.67	0.35	92.98 (25.21)	91.96	46.49-147.21	0.27	116.22 (27.28)	114.91	61.98-170.46	0.23
Feb	193.65 (116.5)	193.37	31-402.8	0.60	237.55 (134.68)	235.40	54.25-488.01	0.57	294.36 (169.72)	295.16	77.5-635.19	0.58
Mar	922.31 (218.04)	922.19	534.25-1380.37	0.24	1216.78 (209.78)	1,224.11	836.32-	0.17	1689.58 (235.96)	1,684.30	1287.31-2207.41	0.14
Apr	197.66 (115.56)	199.75	46.42-403.31	0.58	317.82 (192.67)	320.81	85.1-636.19	0.61	414.69 (225.65)	415.46	139.25-783.36	0.54
May	50.43 (32.87)	50.75	0-116.26	0.65	81.46 (44.16)	81.20	0-170.8	0.54	104.74 (52.64)	103.87	7.75-201.86	0.50
Jun	104.6 (71.41)	103.14	15.49-294.56	0.68	108.48 (74.94)	107.34	15.49-294.75	0.69	123.98 (80.25)	128.04	23.23-333.32	0.65
Jul	552.64 (699.79)	558.53	32.08-2316.17	1.27	690.15 (800.46)	678.30	62.01-2625.5	1.16	769.43 (868.33)	769.24	85.27-2824.18	1.13
Aug	66.24 (87.13)	66.26	0-246.81	1.32	84.77 (107.56)	84.89	0-302.54	1.27	121.71 (140.91)	122.07	0-382.16	1.16
Sep	59.51 (75.06)	59.60	0-240.19	1.26	64.72 (70.09)	63.70	0-232.44	1.08	72.63 (67.79)	72.74	0-232.44	0.93
Oct	585.43 (157.82)	583.26	333.42-953.74	0.27	798.66 (250.07)	797.87	449.54-1310.61	0.31	1135.96 (373.13)	1,150.81	651.15-1930.74	0.33
Nov	139.51 (66.4)	138.75	46.44-271.43	0.48	170.51 (74.62)	171.53	54.18-310.2	0.44	178.25 (70.4)	179.52	77.21-317.96	0.39
Dec	50.37 (30.86)	50.79	7.75-123.99	0.61	69.74 (41.61)	69.61	15.5-162.73	0.60	89.12 (46.52)	88.07	23.25-185.98	0.52

1.19 Large Auk sp.

Table 21. Monthly abundance of large auk sp. recorded in flight and on the sea, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Month	Abundance											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jan	23.24 (12.55)	23.61	0-46.49	0.54	30.99 (14.09)	30.55	7.75-61.98	0.45	77.48 (25.86)	77.02	30.99-131.72	0.33
Feb	33.56 (31.63)	34.16	0-100.69	0.94	51.64 (37.49)	51.98	0-123.92	0.73	67.14 (28.79)	67.45	15.5-123.94	0.43
Mar	58.12 (25.89)	57.80	15.51-116.18	0.45	77.49 (31.17)	76.96	23.26-147.16	0.40	100.75 (32.02)	101.48	46.47-170.4	0.32
Apr	54.28 (51.43)	54.72	0-155.12	0.95	73.66 (62.79)	73.98	0-186.14	0.85	93.04 (75.16)	93.49	0-217.17	0.81
May	7.76 (13.01)	7.71	0-46.58	1.68	7.76 (12.96)	7.99	0-46.58	1.67	27.17 (27.64)	27.85	0-93.17	1.02
Jun	11.62 (12.48)	11.65	0-46.46	1.07	11.62 (11.87)	11.25	0-46.46	1.02	11.62 (11.83)	11.60	0-46.46	1.02
Jul	15.86 (26.84)	15.88	0-87.25	1.69	31.73 (49.07)	31.97	0-142.77	1.55	50.17 (70.89)	50.90	0-206.22	1.41
Aug	13.12 (14.46)	13.43	0-47.77	1.10	15.73 (13.56)	15.90	0-47.77	0.86	28.84 (17.77)	28.47	0-71.66	0.62
Sep	46.64 (37.48)	47.07	0-147.21	0.80	65.04 (39)	65.15	7.9-162.71	0.60	78.11 (41.46)	78.86	23.24-174.01	0.53
Oct	65.91 (29.01)	65.63	23.26-124.06	0.44	100.8 (29.4)	101.07	46.52-162.83	0.29	127.94 (46.03)	127.34	46.52-217.11	0.36
Nov	27.11 (17.97)	27.11	0-69.66	0.66	42.6 (20.34)	43.07	7.76-85.14	0.48	50.35 (21.46)	49.90	15.51-93.06	0.43
Dec	54.25 (38.27)	53.96	0-139.49	0.71	96.87 (47.09)	97.28	23.25-201.49	0.49	112.37 (48.11)	111.64	38.75-217.18	0.43

1.20 Lesser Black-backed Gull

Table 22. Monthly abundance of lesser black-backed gull recorded in flight and on the sea, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Month	Abundance											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jan	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
May	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jul	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug	2.58 (5.39)	2.45	0-15.49	2.09	2.58 (5.56)	2.63	0-15.49	2.15	5.16 (9.61)	5.27	0-30.97	1.86
Sep	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Oct	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Nov	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	

1.21 Little Auk

Table 23. Monthly abundance of little auk recorded in flight and on the sea, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Month	Abundance											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jan	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.0	0-0	
Feb	2.58 (5.68)	2.55	0-23.24	2.20	5.16 (6.86)	5.20	0-23.24	1.33	7.75 (9.39)	7.6	0-31	1.21
Mar	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.0	0-0	
Apr	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.0	0-0	
May	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.0	0-0	
Jun	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.0	0-0	
Jul	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.0	0-0	
Aug	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.0	0-0	
Sep	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.0	0-0	
Oct	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.0	0-0	
Nov	3.87 (6.38)	3.89	0-23.22	1.65	11.61 (14.45)	11.59	0-46.44	1.24	19.35 (22.1)	19.1	0-61.92	1.14
Dec	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.0	0-0	

1.22 Little Gull

Table 24. Monthly abundance of little gull recorded in flight and on the sea, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Month	Abundance											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jan	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.0	0-0	
Feb	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.0	0-0	
Mar	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.0	0-0	
Apr	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.0	0-0	
May	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.0	0-0	
Jun	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.0	0-0	
Jul	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.0	0-0	
Aug	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.0	0-0	
Sep	2.58 (5.41)	2.47	0-15.49	2.09	2.58 (5.71)	2.63	0-23.24	2.21	2.58 (5.54)	2.6	0-15.49	2.14
Oct	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.0	0-0	
Nov	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.0	0-0	
Dec	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.0	0-0	

1.23 Manx Shearwater

Table 25. Monthly abundance of Manx shearwater recorded in flight and on the sea, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Month	Abundance											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jan	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
May	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun	3.88 (6.56)	3.92	0-23.25	1.69	7.75 (10.63)	7.81	0-31.01	1.37	7.75 (10.62)	7.89	0-31.01	1.37
Jul	2.64 (5.65)	2.63	0-15.86	2.14	2.64 (5.55)	2.59	0-15.86	2.10	7.93 (13.32)	7.96	0-39.66	1.68
Aug	2.6 (5.13)	2.61	0-15.61	1.97	2.6 (5.2)	2.61	0-15.61	2.00	7.78 (9.18)	7.81	0-31.21	1.18
Sep	2.63 (5.64)	2.64	0-15.81	2.14	2.63 (5.69)	2.66	0-15.81	2.16	7.85 (9.76)	7.93	0-31.62	1.24
Oct	0 (0)	0.00	0-0		0 (0)	0.00	0-0		3.88 (6.39)	3.77	0-23.26	1.65
Nov	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	

1.24 Puffin

Table 26. Monthly abundance of puffin recorded in flight and on the sea, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Month	Abundance											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jan	0 (0)	0.00	0-0		7.75 (7.26)	7.67	0-23.24	0.94	7.75 (7.44)	7.64	0-23.24	0.96
Feb	2.58 (5.42)	2.54	0-15.49	2.10	2.58 (5.4)	2.59	0-15.49	2.09	2.58 (5.4)	2.61	0-15.49	2.09
Mar	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr	902.34 (146.39)	906.11	628.24-1199.13	0.16	1150.22 (155.97)	1,144.63	845.41-1446.78	0.14	1351.7 (135.8)	1,349.66	1085.77-	0.10
May	1327.53 (1260.39)	1,321.87	54.06-3322.92	0.95	2111.59 (1950.72)	2,113.39	124.01-4914.7	0.92	3159.54 (2801.15)	3,168.63	255.77-6902.25	0.89
Jun	3606.28 (722.1)	3,600.06	2377.12-5218.82	0.20	4520.43 (735.54)	4,543.72	3317.58-	0.16	5818.07 (804.09)	5,819.69	4410.45-	0.14
Jul	1582.5 (933.68)	1,570.36	577.47-3394.65	0.59	2448.91	2,447.50	1018.6-5020.79	0.54	3623.96	3,615.28	1660.24-	0.42
Aug	1211.58 (496.79)	1,198.40	557.32-2325.38	0.41	2233.42 (1184.22)	2,226.70	1035.02-	0.53	3289.09	3,261.19	1743.41-	0.46
Sep	790.75 (752.67)	789.86	61.98-2208.2	0.95	982.33 (947.84)	983.61	92.97-2665.53	0.96	1215.77 (1129.75)	1,220.38	147.2-3153.66	0.93
Oct	116.31 (49.84)	116.98	38.77-217.11	0.43	143.45 (54.6)	144.60	62.03-255.88	0.38	166.71 (54.74)	167.25	77.54-279.15	0.33
Nov	0 (0)	0.00	0-0		0 (0)	0.00	0-0		3.88 (6.43)	3.92	0-23.27	1.66
Dec	3.87 (6.48)	3.97	0-23.25	1.67	3.87 (6.39)	3.77	0-23.25	1.65	7.75 (10.27)	7.92	0-31	1.33

Table 27. Monthly abundance of puffin (including unidentified auks apportioned using identified auk ratios) recorded in flight and on the sea, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Month	Abundance											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jan	0 (0)	0.00	0-0		7.75 (7.26)	7.67	0-23.24	0.94	7.75 (7.44)	7.64	0-23.24	0.96
Feb	2.58 (2.34)	2.54	0-7.75	0.91	2.58 (2.29)	2.59	0-7.75	0.89	2.58 (2.28)	2.61	0-7.75	0.88
Mar	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr	937.21 (138.29)	941.14	691.73-1218.94	0.15	1188.96 (141)	1,183.08	912.45-1469.27	0.12	1398.2 (140.24)	1,396.01	1125.66-	0.10
May	1343.06 (247.59)	1,337.31	915.16-1869.12	0.18	2146.53 (296.78)	2,148.37	1586.43-	0.14	3217.76 (349.5)	3,227.02	2612.89-3925.3	0.11

Month	Abundance											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jun	3633.39 (691.6)	3,627.12	2395.33-	0.19	4559.14 (692.7)	4,582.52	3335.15-6056.8	0.15	5883.9 (759.33)	5,885.34	4535.5-7452.38	0.13
Jul	1640.84 (236.27)	1,628.19	1176.68-2118.34	0.14	2539.01 (319.97)	2,537.40	1956.4-3203.41	0.13	3772.63 (580.68)	3,763.51	2759.81-	0.15
Aug	1245.39 (226.59)	1,231.79	820.78-1712.24	0.18	2290.78 (377.47)	2,283.94	1582.6-3027.87	0.16	3367.53 (491)	3,339.12	2447.72-	0.15
Sep	814.15 (130.37)	813.18	570.91-1075.62	0.16	1010.9 (133.09)	1,012.19	770.43-1285.89	0.13	1249.5 (134.16)	1,254.25	1006.9-1537.45	0.11
Oct	116.31 (31.08)	116.98	62.03-178.44	0.27	147.33 (33.91)	148.51	87.72-214.95	0.23	170.59 (35.52)	171.12	107.26-245.83	0.21
Nov	0 (0)	0.00	0-0		0 (0)	0.00	0-0		3.88 (3.6)	3.92	0-11.63	0.93
Dec	3.87 (3.62)	3.97	0-11.62	0.94	3.87 (3.65)	3.77	0-11.62	0.94	7.75 (4.62)	7.92	0-19.37	0.60

Table 28. Monthly abundance of puffin (including unidentified auks apportioned using identified auk ratios and accounting for availability bias) recorded in flight and on the sea, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Month	Abundance											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jan	0 (0)	0.00	0-0		7.75 (7.26)	7.67	0-23.24	0.94	7.75 (7.44)	7.64	0-23.24	0.96
Feb	2.58 (2.34)	2.54	0-7.75	0.91	2.58 (2.29)	2.59	0-7.75	0.89	2.58 (2.28)	2.61	0-7.75	0.88
Mar	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr	1065.03 (157.41)	1,069.59	785.78-1385.63	0.15	1355.53 (160.92)	1,348.55	1039.81-	0.12	1599.64 (160.49)	1,597.00	1287.65-	0.10
May	1541.02 (284.15)	1,534.44	1049.98-	0.18	2460.94 (340.33)	2,463.04	1818.68-	0.14	3687.41 (401.12)	3,697.98	2993.12-	0.11
Jun	4210.54 (802.18)	4,203.27	2774.65-	0.19	5271.86 (801.61)	5,298.78	3855.42-	0.15	6794.16 (877.25)	6,795.68	5236.58-	0.13
Jul	1901.67 (273.81)	1,886.96	1363.68-	0.14	2942.06 (370.81)	2,940.20	2266.9-3712.04	0.13	4363.39 (672.9)	4,352.83	3190.38-	0.15
Aug	1448.62 (263.46)	1,432.80	954.89-1991.38	0.18	2663.37 (438.9)	2,655.41	1839.9-3520.42	0.16	3909.92 (569.96)	3,876.94	2842.2-5058.24	0.15
Sep	946.39 (151.45)	945.26	663.78-1250.09	0.16	1176.77 (154.87)	1,178.28	896.97-	0.13	1451.68 (155.77)	1,457.20	1170.01-1786.01	0.11
Oct	135.7 (36.35)	136.49	72.31-208.5	0.27	170.59 (39.25)	171.96	101.58-248.87	0.23	197.73 (41.24)	198.37	124.14-285.1	0.21
Nov	0 (0)	0.00	0-0		0 (0)	0.00	0-0		3.88 (3.6)	3.92	0-11.63	0.93
Dec	3.87 (3.62)	3.97	0-11.62	0.94	3.87 (3.65)	3.77	0-11.62	0.94	7.75 (4.62)	7.92	0-19.37	0.60

1.25 Razorbill

Table 29. Monthly abundance of razorbill recorded in flight and on the sea, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Month	Abundance											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jan	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb	30.98 (29.8)	30.80	0-92.95	0.96	38.73 (38.52)	39.16	0-123.92	0.99	38.73 (38.27)	39.41	0-116.39	0.99
Mar	38.77 (38.03)	39.10	0-124.08	0.98	69.78 (55.73)	69.06	7.75-186.12	0.80	104.65 (50.63)	104.74	23.24-217.14	0.48
Apr	27.15 (30.09)	27.22	0-85.32	1.11	54.29 (58.8)	54.78	0-162.88	1.08	81.44 (85.26)	81.29	0-224.92	1.05
May	3.88 (6.09)	3.99	0-15.53	1.57	3.88 (5.93)	3.80	0-15.53	1.53	15.51 (12.95)	15.69	0-46.5	0.84
Jun	19.38 (22.38)	19.45	0-62.21	1.15	19.38 (22.36)	19.52	0-69.76	1.15	46.51 (53.52)	47.12	0-155.03	1.15
Jul	31.79 (45.02)	32.13	0-150.7	1.42	45 (61.6)	44.65	0-206.22	1.37	66.15 (90.7)	66.12	0-277.6	1.37
Aug	38.88 (46.71)	38.48	0-162.62	1.20	51.87 (44.98)	52.25	0-162.62	0.87	59.61 (55.82)	59.94	0-193.59	0.94
Sep	65.09 (33.66)	64.56	7.75-134.38	0.52	115.05 (92.95)	114.24	7.75-348	0.81	172.75 (150.42)	173.14	23.24-545.42	0.87
Oct	7.75 (10.35)	7.77	0-31.02	1.33	11.63 (14.58)	11.69	0-46.52	1.25	19.39 (13.89)	19.43	0-46.52	0.72
Nov	3.87 (6.28)	3.73	0-23.22	1.62	7.75 (7.14)	7.64	0-23.27	0.92	7.75 (7.22)	7.71	0-23.27	0.93
Dec	7.75 (10.37)	7.74	0-31	1.34	11.62 (14.74)	11.71	0-46.5	1.27	11.62 (14.55)	11.55	0-46.5	1.25

Table 30. Monthly abundance of razorbill (including unidentified auks apportioned using identified auk ratios) recorded in flight and on the sea, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Month	Abundance											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jan	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb	33.56 (17.33)	33.41	2.58-70.23	0.52	41.31 (18.79)	41.77	10.33-80.55	0.45	41.31 (18.56)	42.08	7.75-83.65	0.45
Mar	46.52 (21.9)	46.92	14.1-92.18	0.47	81.41 (31.64)	80.57	23.26-144.21	0.39	120.16 (41.46)	120.18	45.66-208.01	0.35
Apr	27.15 (9.06)	27.22	11.63-46.54	0.33	58.17 (16.18)	58.69	29.09-91.41	0.28	85.32 (19.01)	85.16	48.75-121.88	0.22
May	3.88 (3.25)	3.99	0-11.65	0.84	3.88 (3.22)	3.80	0-11.65	0.83	15.51 (9.69)	15.69	0-34.9	0.63

Month	Abundance											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jun	19.38 (7.82)	19.45	7.75-34.88	0.40	19.38 (7.71)	19.52	3.88-34.88	0.40	46.51 (17.93)	47.12	15.5-85.27	0.39
Jul	31.79 (20.72)	32.13	2.64-76.91	0.65	45 (23.26)	44.65	7.93-95.36	0.52	68.8 (27.13)	68.76	24.83-126.39	0.39
Aug	41.46 (22.74)	41.04	8.39-90.84	0.55	54.45 (27.08)	54.80	11.12-111.25	0.50	62.19 (27.83)	62.55	16.46-121.33	0.45
Sep	65.09 (31.68)	64.56	13.07-132.72	0.49	120.32 (56.44)	119.46	27.31-240.45	0.47	178.02 (69.52)	178.47	56.81-323.5	0.39
Oct	7.75 (4.83)	7.77	0-19.39	0.62	11.63 (6.16)	11.69	0-23.26	0.53	19.39 (13.34)	19.43	0-46.52	0.69
Nov	3.87 (3.57)	3.73	0-11.61	0.92	7.75 (7.14)	7.64	0-23.24	0.92	7.75 (7.22)	7.71	0-23.24	0.93
Dec	7.75 (4.88)	7.74	0-19.37	0.63	11.62 (6.34)	11.71	0-23.35	0.55	11.62 (6.26)	11.55	0-23.25	0.54

Table 31. Monthly abundance of razorbill (including unidentified auks apportioned using identified auk ratios and accounting for availability bias) recorded in flight and on the sea, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Month	Abundance											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jan	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb	38.73 (20.01)	38.56	2.95-81.07	0.52	49.05 (22.25)	49.60	12.39-95.53	0.45	49.05 (21.98)	49.96	9.29-99.14	0.45
Mar	54.28 (25.19)	54.74	16.66-106.83	0.46	96.92 (37.35)	95.91	28.43-171.1	0.39	143.41 (49.57)	143.45	54.27-248.49	0.35
Apr	31.02 (10.36)	31.10	13.3-53.18	0.33	69.8 (19.41)	70.43	34.9-109.69	0.28	100.83 (22.47)	100.64	57.62-144.04	0.22
May	3.88 (3.25)	3.99	0-11.65	0.84	3.88 (3.22)	3.80	0-11.65	0.83	19.38 (11.88)	19.62	0-42.65	0.61
Jun	23.25 (9.38)	23.34	9.3-41.86	0.40	23.25 (9.25)	23.42	4.65-41.86	0.40	54.26 (20.91)	54.98	18.09-99.48	0.39
Jul	37.07 (23.88)	37.48	3.17-89.09	0.64	52.94 (26.96)	52.49	9.52-111.22	0.51	82.02 (31.78)	81.97	30-149.38	0.39
Aug	49.21 (26.42)	48.73	10.32-106.33	0.54	64.79 (31.76)	65.16	13.5-131.27	0.49	72.54 (32.09)	72.92	19.36-140.6	0.44
Sep	78.1 (37.82)	77.49	15.94-158.81	0.48	143.87 (67.29)	142.85	32.89-287.07	0.47	217.28 (84.75)	217.83	69.54-394.7	0.39
Oct	7.75 (4.83)	7.77	0-19.39	0.62	11.63 (6.16)	11.69	0-23.26	0.53	19.39 (13.34)	19.43	0-46.52	0.69
Nov	3.87 (3.57)	3.73	0-11.61	0.92	7.75 (7.14)	7.64	0-23.24	0.92	7.75 (7.22)	7.71	0-23.24	0.93
Dec	7.75 (4.88)	7.74	0-19.37	0.63	15.5 (8.45)	15.61	0-31.13	0.55	15.5 (8.35)	15.40	0-31	0.54

1.26 Red-throated Diver

Table 32. Monthly abundance of red-throated diver recorded in flight and on the sea, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Month	Abundance											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jan	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
May	0 (0)	0.00	0-0		3.88 (5.78)	3.77	0-15.53	1.49	3.88 (5.96)	3.83	0-15.53	1.54
Jun	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jul	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Oct	3.88 (6.66)	3.97	0-23.26	1.72	3.88 (6.46)	3.98	0-23.26	1.67	3.88 (6.65)	4.06	0-23.26	1.71
Nov	0 (0)	0.00	0-0		3.87 (5.84)	3.59	0-15.48	1.51	3.87 (6.3)	3.96	0-23.22	1.63
Dec	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	

1.27 Shag

Table 33. Monthly abundance of shag recorded in flight and on the sea, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Month	Abundance											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jan	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb	0 (0)	0.00	0-0		0 (0)	0.00	0-0		2.58 (5.74)	2.71	0-23.25	2.22
Mar	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr	3.88 (6.34)	3.85	0-23.27	1.64	7.76 (10.7)	7.81	0-31.02	1.38	11.63 (14.62)	11.50	0-46.54	1.26
May	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jul	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Oct	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Nov	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	

1.28 Sooty Shearwater

Table 34. Monthly abundance of sooty shearwater recorded in flight and on the sea, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Month	Abundance											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jan	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
May	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jul	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug	2.58 (5.3)	2.48	0-15.49	2.05	5.16 (9.24)	5.12	0-30.97	1.79	5.16 (9.73)	5.27	0-30.97	1.88
Sep	0 (0)	0.00	0-0		2.58 (5.34)	2.59	0-15.5	2.07	2.58 (5.42)	2.66	0-15.5	2.10
Oct	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Nov	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	