

# APPENDIX THREE: CUMULATIVE SPECIES ASSESSMENT – APPORTIONING DENSITY AND POPULATION ESTIMATES

## Fulmar

Table 1 Population size (individuals), year of population count, distance from the development site, proportion of foraging range at sea and the relative proportion contributed by each SPA within foraging range of The Seagreen Project, Neart na Gaoithe and Inch Cape.

Colony	Population (ind.)	Year	Proportion of sea	The Seagreen Project			Neart na Gaoithe			Inch Cape		
				Distance (km)	SPA weighting	SPA proportion	Distance (km)	SPA weighting	SPA proportion	Distance (km)	SPA weighting	SPA proportion
Fowlsheugh SPA	238	2012	0.747	28.97	0.004	0.018	62.75	0.001	0.004	34.00	0.003	0.009
Forth Islands SPA	1,138	2012	0.677	52.66	0.006	0.029	16.10	0.065	0.296	33.22	0.015	0.049
Buchan Ness to Collieston Coast SPA	2,778	2007	0.658	84.25	0.006	0.029	125.15	0.003	0.012	96.02	0.005	0.015
Troup, Pennan and Lion's Head SPA	3,590	2007	0.797	113.55	0.003	0.017	149.71	0.002	0.009	121.29	0.003	0.010
East Caithness Cliffs SPA	28,750	1999	0.817	195.72	0.009	0.045	223.90	0.007	0.032	198.83	0.009	0.029
North Caithness Cliffs SPA	30,310	2002	0.841	236.29	0.006	0.031	266.00	0.005	0.023	240.33	0.006	0.020
Copinsay SPA	2,188	2012	0.858	251.20	0.000	0.002	286.12	0.000	0.001	258.36	0.000	0.001
Hoy SPA	67,418	2005	0.855	255.40	0.012	0.059	286.43	0.010	0.044	260.22	0.012	0.038
Handa SPA	3,740	2012	0.830	271.71	0.001	0.003	287.05	0.001	0.002	267.12	0.001	0.002
Cape Wrath SPA	4,456	2000	0.845	276.99	0.001	0.003	296.36	0.001	0.003	274.73	0.001	0.002
Rousay SPA	1,948	2002	0.869	285.55	0.000	0.001	318.65	0.000	0.001	291.62	0.000	0.001
Calf of Eday SPA	3,684	2002	0.873	288.26	0.001	0.002	323.35	0.000	0.002	295.56	0.000	0.002
West Westray SPA	7,904	2004	0.875	296.84	0.001	0.005	330.66	0.001	0.004	303.35	0.001	0.003
Fair Isle SPA	59,298	2011	0.895	318.05	0.007	0.032	357.83	0.005	0.024	328.81	0.006	0.020
Sumburgh Head SPA	466	2009	0.904	353.89	0.000	0.000	395.46	0.000	0.000	366.31	0.000	0.000
North Rona and Sula Sgeir SPA	5,232	2005	0.872	355.76	0.000	0.002	374.28	0.000	0.002	353.13	0.000	0.002
Foula SPA	42,212	2000	0.918	384.88	0.003	0.015	Out of range	-	-	394.04	0.003	0.010
Noss SPA	10,496	2011	0.909	386.42	0.001	0.004	Out of range	-	-	399.74	0.001	0.002
St Cyrus and Kinnaber Links SSSI	172	2012	0.736	31.56	0.002	0.011	47.70	0.001	0.005	23.01	0.004	0.014
Whiting Ness to Ethie Haven SSSI	1,902	2001	0.717	35.19	0.021	0.104	32.14	0.026	0.117	15.81	0.106	0.344
St Abb's Head to Fast Castle SSSI	266	2012	0.786	67.90	0.001	0.004	32.88	0.003	0.014	56.31	0.001	0.003

Colony	Population (ind.)	Year	Proportion of sea	The Seagreen Project			Nearnt na Gaoithe			Inch Cape		
				Distance (km)	SPA weighting proportion	SPA proportion	Distance (km)	SPA weighting proportion	SPA proportion	Distance (km)	SPA weighting proportion	SPA proportion
Sands of Forvie and Ythan Estuary SSSI	240	2012	0.778	73.71	0.001	0.003	112.77	0.000	0.001	83.62	0.000	0.001
Farne Islands SSSI	466	2012	0.645	102.05	0.001	0.003	81.85	0.001	0.005	100.86	0.001	0.002
Gamrie and Pennan Coast SSSI	528	2001	0.796	113.06	0.001	0.003	148.50	0.000	0.001	120.30	0.000	0.001
Durham Coast SSSI	230	2010	0.597	185.93	0.000	0.001	159.06	0.000	0.001	180.76	0.000	0.000
Flamborough Head SSSI	3,134	2008	0.617	282.88	0.001	0.003	267.42	0.001	0.003	287.09	0.001	0.002
Marwick Head SSSI	1,240	2012	0.864	283.30	0.000	0.001	314.94	0.000	0.001	288.51	0.000	0.001
Rousay SSSI	1,286	2000	0.868	285.54	0.000	0.001	318.65	0.000	0.001	291.62	0.000	0.001
Sule Skerry SSSI	800	2007	0.863	305.35	0.000	0.000	331.01	0.000	0.000	307.08	0.000	0.000
Catterline to Inverbervie	1,984	1999	0.745	27.85	0.034	0.167	58.79	0.008	0.035	30.52	0.029	0.093
Inverbervie to St Cyrus	12	2000	0.738	28.27	0.000	0.001	51.70	0.000	0.000	25.16	0.000	0.001
Montrose to Lunan Bay	410	2001	0.726	33.02	0.005	0.025	38.91	0.004	0.017	17.33	0.019	0.061
Stonehaven to Wine Cove	1,222	1999	0.749	33.55	0.014	0.070	67.55	0.004	0.016	38.89	0.011	0.035
Lunan Bay to Arbroath	58	2001	0.719	35.07	0.001	0.003	32.54	0.001	0.003	15.86	0.003	0.010
Hall Bay to Craigeven Bay	10	2001	0.753	37.58	0.000	0.000	72.59	0.000	0.000	43.84	0.000	0.000
Newton Hill	578	2002	0.755	39.41	0.005	0.024	75.04	0.001	0.006	46.21	0.004	0.012
Newtonhill - Hall Bay	516	1999	0.756	40.75	0.004	0.020	76.84	0.001	0.005	47.94	0.003	0.010
Burn of Daff	120	1999	0.757	41.62	0.001	0.004	78.08	0.000	0.001	49.14	0.001	0.002
Findon Ness - Hare Ness	560	1999	0.759	44.97	0.004	0.018	82.48	0.001	0.005	53.41	0.003	0.008
Girdle Ness to Hare Ness	310	1999	0.763	48.39	0.002	0.008	86.47	0.001	0.002	57.35	0.001	0.004
Fife Ness to St Andrews	856	1999	0.687	53.90	0.004	0.021	25.49	0.019	0.087	32.84	0.012	0.037
North Fife	60	1999	0.689	62.80	0.000	0.001	38.27	0.001	0.003	41.08	0.001	0.002
Dunbar Coast	58	2000	0.660	67.12	0.000	0.001	27.90	0.001	0.005	49.91	0.000	0.001
Kincraig Point	78	1999	0.672	67.50	0.000	0.001	33.75	0.001	0.005	47.00	0.001	0.002
North Berwick Coast	34	2000	0.662	68.30	0.000	0.001	30.66	0.001	0.002	49.23	0.000	0.001
Natural Arches	14	2000	0.657	68.31	0.000	0.000	29.98	0.000	0.001	53.44	0.000	0.000
Dunglass to Fast Castle	478	2000	0.657	68.67	0.002	0.007	31.15	0.008	0.034	54.66	0.002	0.008
St Abbs to Eyemouth	112	2000	0.656	70.37	0.000	0.002	36.04	0.001	0.006	59.37	0.000	0.002
Kirkcaldy to Fife Ness	76	1999	0.672	70.45	0.000	0.001	37.06	0.001	0.004	49.96	0.000	0.001
Eyemouth to Burroughmouth	88	2000	0.653	73.35	0.000	0.001	39.68	0.001	0.004	62.84	0.000	0.001
Traprain Law	16	2000	0.653	75.82	0.000	0.000	36.89	0.000	0.001	57.67	0.000	0.000

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				Distance (km)	SPA weighting	SPA proportion	Distance (km)	SPA weighting	SPA proportion	Distance (km)	SPA weighting	SPA proportion
Border to Burmsmouth	156	2000	0.650	76.93	0.000	0.002	43.60	0.001	0.006	66.68	0.001	0.002
Berwick to Scottish Border	530	2000	0.647	79.83	0.001	0.006	46.93	0.004	0.017	69.88	0.002	0.005
Inchkeith	466	2012	0.652	91.25	0.001	0.004	55.93	0.002	0.010	70.86	0.001	0.005
Point of Buckquoy to Latha Skerry to Marwick Head	392	1999	0.866	98.91	0.000	0.002	64.38	0.001	0.005	78.41	0.001	0.002
Inchcolm	332	2012	0.650	100.04	0.001	0.002	65.46	0.001	0.005	79.54	0.001	0.003
Bamburgh Golf course	16	2000	0.639	100.57	0.000	0.000	71.35	0.000	0.000	93.02	0.000	0.000
Bamburgh Castle, Bamburgh	62	2000	0.639	101.27	0.000	0.000	72.44	0.000	0.001	93.97	0.000	0.000
Inchmickery, Inchgarvie, Forth Rail Bridge	530	2012	0.648	101.89	0.001	0.004	67.05	0.002	0.008	81.41	0.001	0.004
Bradda Quarry	16	2000	0.637	102.21	0.000	0.000	72.70	0.000	0.000	94.49	0.000	0.000
Seahouses	24	2000	0.639	104.55	0.000	0.000	76.88	0.000	0.000	98.07	0.000	0.000
Kinloch and Loch of Strathbeg	2	2010	0.792	105.78	0.000	0.000	145.43	0.000	0.000	116.25	0.000	0.000
Rosehearty to Bay of Cullen	504	2001	0.797	114.11	0.000	0.002	149.20	0.000	0.001	121.13	0.000	0.001
Howick - Cullornose Point - Dunstanburgh Castle Point	276	2000	0.629	117.44	0.000	0.002	89.83	0.001	0.002	111.16	0.000	0.001
Portsoy to Cullen	418	2002	0.794	123.53	0.000	0.002	153.62	0.000	0.001	127.41	0.000	0.001
Portknockie	126	2000	0.794	126.98	0.000	0.000	156.00	0.000	0.000	130.25	0.000	0.000
Strathlene to Portknockie	376	2000	0.793	127.48	0.000	0.001	156.07	0.000	0.001	130.51	0.000	0.001
Coquet Island	118	2012	0.617	132.67	0.000	0.001	104.99	0.000	0.001	126.50	0.000	0.000
Hopeman Bay	596	2000	0.791	146.27	0.000	0.002	168.18	0.000	0.001	145.08	0.000	0.001
Blyth Power Station	16	2000	0.600	154.04	0.000	0.000	125.34	0.000	0.000	147.26	0.000	0.000
Old Hartley to Collywell Bay	140	2000	0.599	161.35	0.000	0.000	133.33	0.000	0.001	155.13	0.000	0.000
Newcastle to Seaton Sluice	324	2000	0.592	164.18	0.000	0.001	136.35	0.000	0.001	Out of range		
Kilmuir to Eathie - Black Isle	208	1999	0.777	166.81	0.000	0.000	178.98	0.000	0.000	160.03	0.000	0.000
North Sutor to Shandwick	2,070	1999	0.787	167.95	0.001	0.005	183.97	0.001	0.004	163.32	0.001	0.003
Shandwick to Portmahomack	598	1999	0.794	170.45	0.000	0.001	189.50	0.000	0.001	167.62	0.000	0.001
South East Sutherland / Ainess Bay Ross-shire	424	2000	0.796	193.87	0.000	0.001	212.90	0.000	0.001	191.15	0.000	0.000
Caithness - Wick Bay to Freshwick Bay	2,598	1999	0.837	215.30	0.001	0.003	246.74	0.001	0.002	220.29	0.001	0.002

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Saltburn Cliffs (Huntcliff)	190	2012	0.595	219.86	0.000	0.000	197.27	0.000	0.000	218.30	0.000	0.000
Boulby Cliffs	270	2011	0.601	222.52	0.000	0.000	201.07	0.000	0.001	221.87	0.000	0.000
Staithe to Sandsend	216	2002	0.605	228.02	0.000	0.000	208.13	0.000	0.000	228.61	0.000	0.000
Pentland Skerries	522	2002	0.846	230.66	0.000	0.001	263.68	0.000	0.000	236.61	0.000	0.000
Pettycur and North Queensferry	30	1999	0.651	231.57	0.000	0.000	264.58	0.000	0.000	237.52	0.000	0.000
Melvich to Duncansby Stacks	2,238	2000	0.842	234.67	0.000	0.002	264.32	0.000	0.002	238.68	0.000	0.002
Whitby to Robin Hood's Bay	162	1999	0.611	235.09	0.000	0.000	216.74	0.000	0.000	236.91	0.000	0.000
Swona (Coastline)	1,200	2002	0.848	239.62	0.000	0.001	271.93	0.000	0.001	245.16	0.000	0.001
Ravenscar to Robin Hood's Bay	6	2000	0.612	243.97	0.000	0.000	225.99	0.000	0.000	246.11	0.000	0.000
South Ronaldsay	6,870	2002	0.850	244.18	0.001	0.007	277.22	0.001	0.005	250.16	0.001	0.004
Switha	1,068	2002	0.851	246.25	0.000	0.001	278.45	0.000	0.001	251.73	0.000	0.001
Point Of The Pool, Switha	1,068	2002	0.851	246.25	0.000	0.001	278.38	0.000	0.001	251.70	0.000	0.001
Burray	412	1999	0.854	249.36	0.000	0.000	282.75	0.000	0.000	255.56	0.000	0.000
Flotta & Calf of Flotta	1,848	2002	0.852	249.59	0.000	0.002	281.94	0.000	0.001	255.17	0.000	0.001
Hunda	368	1999	0.854	250.20	0.000	0.000	283.30	0.000	0.000	256.22	0.000	0.000
Glimps Holm	8	2012	0.855	251.08	0.000	0.000	284.58	0.000	0.000	257.35	0.000	0.000
Smoo to Melvich	15,054	2000	0.839	251.08	0.003	0.014	274.27	0.002	0.011	251.13	0.003	0.009
Fara	92	2002	0.853	251.90	0.000	0.000	283.85	0.000	0.000	257.25	0.000	0.000
Scalby to Rocky Point	160	2010	0.614	251.93	0.000	0.000	234.38	0.000	0.000	254.44	0.000	0.000
Gultak	4,750	2000	0.857	252.08	0.001	0.004	286.25	0.001	0.003	258.77	0.001	0.003
Holm	3,810	2000	0.856	252.35	0.001	0.003	286.42	0.001	0.002	258.97	0.001	0.002
Lamb Holm	104	1999	0.856	252.46	0.000	0.000	286.12	0.000	0.000	258.83	0.000	0.000
Eilean Nan Ron/Rabbit Islands/Neave Island	3,732	2000	0.839	253.35	0.001	0.003	275.86	0.001	0.003	252.96	0.001	0.002
Rysa Little and Cava	534	2002	0.854	255.95	0.000	0.000	287.85	0.000	0.000	261.27	0.000	0.000
Deerness	6,974	2002	0.859	256.50	0.001	0.006	291.13	0.001	0.004	263.48	0.001	0.004
Hoy and Southwalls	4,356	1999	0.853	256.70	0.001	0.004	287.75	0.001	0.003	261.53	0.001	0.002
Scapa Bay to St. Marys	2,418	2002	0.858	257.54	0.000	0.002	290.93	0.000	0.002	263.75	0.000	0.001
Rerwick Head to Mirkady Point	162	1999	0.860	258.92	0.000	0.000	293.19	0.000	0.000	265.67	0.000	0.000

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West Mainland (Houton - Stenness Hills)	144	2000	0.858	259.76	0.000	0.000	291.91	0.000	0.000	265.24	0.000	0.000
Scarborough to Osgodby Point	36	2012	0.615	259.96	0.000	0.000	242.33	0.000	0.000	262.44	0.000	0.000
Swanbister - Scapa Bay, West Mainland	1,158	2000	0.859	260.48	0.000	0.001	293.36	0.000	0.001	266.39	0.000	0.001
Bay of Berstane to Rerwick Head Tankerness	202	1999	0.861	261.82	0.000	0.000	295.77	0.000	0.000	268.38	0.000	0.000
Holm, Deerness and Tankerness	6	2000	0.859	262.74	0.000	0.000	297.08	0.000	0.000	269.54	0.000	0.000
East Loch Nedd to Rubha Creag Lomhair	90	2000	0.821	263.08	0.000	0.000	276.75	0.000	0.000	257.55	0.000	0.000
Graemsay	294	2000	0.857	263.34	0.000	0.000	294.81	0.000	0.000	268.42	0.000	0.000
Finstown and Kirkwall	36	2000	0.861	263.50	0.000	0.000	296.80	0.000	0.000	269.66	0.000	0.000
Bay of Meil, Head Of Holland	402	1999	0.861	263.64	0.000	0.000	297.47	0.000	0.000	270.13	0.000	0.000
Auskerry	128	2011	0.865	264.87	0.000	0.000	300.46	0.000	0.000	272.48	0.000	0.000
Eilean Hoan, Eilean Cluimhrig, An Dubh-Sgeir	204	1999	0.841	265.39	0.000	0.000	285.80	0.000	0.000	263.72	0.000	0.000
Bay of Stoer	32	2000	0.818	265.78	0.000	0.000	277.88	0.000	0.000	259.45	0.000	0.000
Carness to Skerry of Work, St Ola	10	1999	0.862	265.82	0.000	0.000	299.65	0.000	0.000	272.31	0.000	0.000
Port a' Ghleannain to Bay of Culkein	132	2000	0.821	266.21	0.000	0.000	279.01	0.000	0.000	260.24	0.000	0.000
Stromness	14	2000	0.914	266.29	0.000	0.000	297.85	0.000	0.000	271.43	0.000	0.000
Tarbet, Badcail Bay and Edrachillis Bay	216	2000	0.827	266.36	0.000	0.000	280.91	0.000	0.000	261.31	0.000	0.000
Cayton Bay to Filey	486	2002	0.617	266.86	0.000	0.001	249.89	0.000	0.001	569.87	0.000	0.000
Brig O' Waithe to Hammavoe, Stromness	2	1999	0.859	267.22	0.000	0.000	298.93	0.000	0.000	272.45	0.000	0.000
Cnoc na Banaraich to Sound of Handa	484	2000	0.828	268.97	0.000	0.000	284.21	0.000	0.000	264.31	0.000	0.000
Yesnaby - Ness Point, Stromness	2,986	1999	0.859	269.27	0.000	0.002	300.57	0.000	0.002	274.26	0.000	0.001
Eddrachillis Bay	140	2000	0.827	269.49	0.000	0.000	284.72	0.000	0.000	264.83	0.000	0.000
Shapinsay (Coastal)	1,796	2002	0.864	269.61	0.000	0.001	303.87	0.000	0.001	276.37	0.000	0.001
Stoer Headland	2,282	2000	0.822	270.56	0.000	0.002	283.20	0.000	0.002	264.52	0.000	0.001
Tingwall to Hatston	554	2000	0.863	270.64	0.000	0.000	303.80	0.000	0.000	276.73	0.000	0.000
Ward of Redland and Cuffie Hill	26	2000	0.862	270.78	0.000	0.000	303.42	0.000	0.000	276.56	0.000	0.000
Taing Skerry	26	2000	0.865	272.09	0.000	0.000	305.81	0.000	0.000	278.52	0.000	0.000

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Faraid Head/ Balnakeil	2,994	2000	0.843	272.34	0.000	0.002	292.31	0.000	0.002	270.43	0.000	0.002
Mousland	52	2000	0.860	272.84	0.000	0.000	304.26	0.000	0.000	277.90	0.000	0.000
Stronsay	3,210	2000	0.869	273.64	0.000	0.002	309.09	0.000	0.002	281.16	0.000	0.002
Loch Laxford	748	2000	0.833	273.67	0.000	0.001	290.19	0.000	0.000	269.75	0.000	0.000
West Mainland	8	2000	0.863	273.84	0.000	0.000	305.89	0.000	0.000	279.27	0.000	0.000
Gairsay, Boray Holm, Grass Holm, Helliar Holm, Shapinsay, Taing Skerry, Eynhallow, Sweyn Holm	426	1999	0.865	274.38	0.000	0.000	308.02	0.000	0.000	280.77	0.000	0.000
Linga Holm	312	2000	0.869	276.98	0.000	0.000	312.15	0.000	0.000	284.32	0.000	0.000
Woodwick House to Tingwall Pier	30	1999	0.865	277.07	0.000	0.000	310.29	0.000	0.000	283.20	0.000	0.000
Birsay Moors to South of Hillside Road	6	2006	0.865	277.10	0.000	0.000	309.87	0.000	0.000	282.96	0.000	0.000
Green Holms	402	2000	0.868	277.53	0.000	0.000	311.94	0.000	0.000	284.39	0.000	0.000
Stromness Area, Hundland	40	2009	0.863	277.81	0.000	0.000	309.74	0.000	0.000	283.18	0.000	0.000
Papa Stronsay	80	2000	0.871	278.09	0.000	0.000	313.70	0.000	0.000	285.72	0.000	0.000
Wyre	10	2000	0.867	278.35	0.000	0.000	312.12	0.000	0.000	284.82	0.000	0.000
Yesnaby to Marwick (West Mainland)	1,710	1999	0.863	278.36	0.000	0.001	309.90	0.000	0.001	283.50	0.000	0.001
Point of Hisber to Woodwick House	84	1999	0.866	279.27	0.000	0.000	312.46	0.000	0.000	285.38	0.000	0.000
Flamborough Head	242	2000	0.618	279.64	0.000	0.000	263.88	0.000	0.000	283.61	0.000	0.000
Holm of Huip and Little Linga Holm	234	2000	0.871	279.85	0.000	0.000	315.07	0.000	0.000	287.23	0.000	0.000
Droman to Geodha Ruadh na Fola	4,644	2000	0.841	280.41	0.001	0.003	298.25	0.001	0.003	277.26	0.001	0.002
Egilsay	176	2007	0.868	281.07	0.000	0.000	315.04	0.000	0.000	287.66	0.000	0.000
Loch of Banks and The Loons	12	2009	0.865	281.45	0.000	0.000	313.33	0.000	0.000	286.80	0.000	0.000
Holms of Spurness	20	2000	0.871	281.53	0.000	0.000	316.66	0.000	0.000	288.85	0.000	0.000
West Mainland (Coastal Sites)	88	2000	0.865	282.54	0.000	0.000	315.07	0.000	0.000	288.27	0.000	0.000
Eynhallow	186	2011	0.867	283.31	0.000	0.000	316.27	0.000	0.000	289.29	0.000	0.000
Flamborough Head South	144	2000	0.617	283.84	0.000	0.000	268.06	0.000	0.000	287.81	0.000	0.000
Holm of Scockness and Kili Holm	12	2000	0.869	284.22	0.000	0.000	318.25	0.000	0.000	290.85	0.000	0.000
Eday	10,762	2002	0.871	285.02	0.002	0.007	319.78	0.001	0.006	292.11	0.001	0.005
Sanday - Spurness	6	2000	0.872	285.52	0.000	0.000	320.73	0.000	0.000	292.90	0.000	0.000
Rousay - Faraclett Head	4	2000	0.870	285.59	0.000	0.000	319.32	0.000	0.000	292.04	0.000	0.000

Colony	Population (ind.)	Year	Proportion of sea	The Seagreen Project			Nearnt na Gaoithe			Inch Cape		
				Distance (km)	SPA weighting	SPA proportion	Distance (km)	SPA weighting	SPA proportion	Distance (km)	SPA weighting	SPA proportion
Rousay Coast	6	1999	0.868	285.61	0.000	0.000	319.04	0.000	0.000	291.88	0.000	0.000
Birsay Cliffs - Point of Buckquoy to Loop of Cruie	972	1999	0.866	285.69	0.000	0.001	317.59	0.000	0.001	291.05	0.000	0.000
Costa Head	5,498	2002	0.867	285.95	0.001	0.004	318.41	0.001	0.003	291.63	0.001	0.002
Birsay - Brough of Birsay	506	1999	0.866	286.05	0.000	0.000	317.83	0.000	0.000	291.34	0.000	0.000
Sanday - Stove to Kettletoft	164	2000	0.873	286.39	0.000	0.000	321.78	0.000	0.000	293.88	0.000	0.000
Sanday - Kettletoft to Tresness	78	2000	0.875	287.27	0.000	0.000	323.17	0.000	0.000	295.10	0.000	0.000
Faray, Holm of Faray & Rusk Holm	694	2000	0.872	288.05	0.000	0.000	322.55	0.000	0.000	294.98	0.000	0.000
Sanday	7,386	2002	0.875	289.40	0.001	0.005	325.19	0.001	0.004	297.16	0.001	0.003
Sanday - Cata Sand	54	2000	0.876	289.41	0.000	0.000	325.47	0.000	0.000	297.34	0.000	0.000
Wart Holm	16	2000	0.872	289.53	0.000	0.000	323.71	0.000	0.000	296.26	0.000	0.000
Sanday - Start Point	42	2000	0.878	290.82	0.000	0.000	327.44	0.000	0.000	299.13	0.000	0.000
Westray - Rapness	2	2000	0.873	291.43	0.000	0.000	325.85	0.000	0.000	298.31	0.000	0.000
Westray - Swartmill to Rapness	62	2000	0.874	291.56	0.000	0.000	326.04	0.000	0.000	298.48	0.000	0.000
Sanday - Sellibister to Lopness	40	2000	0.878	291.97	0.000	0.000	328.23	0.000	0.000	300.05	0.000	0.000
Sanday - North	22	2000	0.877	292.39	0.000	0.000	328.29	0.000	0.000	300.22	0.000	0.000
Sanday - Tofts Ness	58	2000	0.879	293.78	0.000	0.000	330.18	0.000	0.000	301.94	0.000	0.000
Sanday - North and Holms of Ire	62	2000	0.877	293.97	0.000	0.000	329.66	0.000	0.000	301.67	0.000	0.000
Westray - Bakie Skerry to Gallo Hill	48	2000	0.874	295.87	0.000	0.000	329.69	0.000	0.000	302.38	0.000	0.000
Westray	4,916	2002	0.874	296.03	0.001	0.003	330.18	0.001	0.002	302.75	0.001	0.002
Westray - Central	4	2000	0.875	297.41	0.000	0.000	331.66	0.000	0.000	304.19	0.000	0.000
Westray - North East	50	2000	0.875	300.45	0.000	0.000	334.24	0.000	0.000	306.95	0.000	0.000
Westray - North Hill and Loch of Burness	116	2000	0.875	301.03	0.000	0.000	334.78	0.000	0.000	307.51	0.000	0.000
North Ronaldsay	604	2007	0.882	301.03	0.000	0.000	337.54	0.000	0.000	309.28	0.000	0.000
Papa Westray	334	2002	0.878	302.30	0.000	0.000	336.73	0.000	0.000	309.19	0.000	0.000
Sule Stack	4	1998	0.861	302.44	0.000	0.000	327.20	0.000	0.000	303.58	0.000	0.000
Holm Of Papa Westray	384	2010	0.878	302.69	0.000	0.000	337.22	0.000	0.000	309.65	0.000	0.000
Westray - Aikerness	32	2000	0.877	304.00	0.000	0.000	338.25	0.000	0.000	310.78	0.000	0.000
Papa Westray - North Hill RSPB	262	2011	0.879	305.86	0.000	0.000	340.38	0.000	0.000	312.81	0.000	0.000

Colony	Population (ind.)	Year	Proportion of sea	The Seagreen Project			Nearnt na Gaoithe			Inch Cape		
				Distance (km)	SPA weighting proportion	SPA proportion	Distance (km)	SPA weighting proportion	SPA proportion	Distance (km)	SPA weighting proportion	SPA proportion
Costa Hill	22	2000	0.867	343.86	0.000	0.000	349.46	0.000	0.000	334.56	0.000	0.000
Sumburgh Head	136	1999	0.904	355.99	0.000	0.000	397.49	0.000	0.000	368.35	0.000	0.000
Sumburgh	298	2002	0.914	356.05	0.000	0.000	397.39	0.000	0.000	368.26	0.000	0.000
Horse Island, Colsay, Little and Ladies Holm to Fiftul Head	2,942	2001	0.905	357.90	0.000	0.001	399.05	0.000	0.001	369.94	0.000	0.001
Fiftul	38	2002	0.906	358.97	0.000	0.000	399.95	0.000	0.000	370.85	0.000	0.000
Sandwick to Virkie: Boddam to Virkie	1,220	1999	0.906	359.57	0.000	0.001	Out of range	-	-	371.87	0.000	0.000
Huesbreck	22	2002	0.906	360.16	0.000	0.000	Out of range	-	-	372.32	0.000	0.000
Sumburgh to Peerie Voe of Spiggie	54,814	1999	0.906	360.99	0.005	0.023	Out of range	-	-	372.87	0.004	0.014
Troswick Ness	3,512	1999	0.906	364.06	0.000	0.001	Out of range	-	-	376.39	0.000	0.001
Peerie Voe of Spiggie to St. Nimian's	2,692	1999	0.907	365.09	0.000	0.001	Out of range	-	-	377.05	0.000	0.001
Hallilee	52	2002	0.907	365.44	0.000	0.000	Out of range	-	-	377.62	0.000	0.000
Boddam to Cumlewick Ness	14	2000	0.906	365.66	0.000	0.000	Out of range	-	-	377.97	0.000	0.000
No Ness to Levenwick and Boddam to Virkie	11,040	1999	0.906	367.59	0.001	0.004	Out of range	-	-	379.97	0.001	0.003
Midi Field	10	2002	0.908	367.91	0.000	0.000	Out of range	-	-	380.03	0.000	0.000
Bigton to Maywick	4,380	1999	0.908	369.27	0.000	0.002	Out of range	-	-	381.21	0.000	0.001
Mousa	686	1999	0.907	370.76	0.000	0.000	Out of range	-	-	383.48	0.000	0.000
Ireland to Maywick	2,394	1999	0.908	371.30	0.000	0.001	Out of range	-	-	383.26	0.000	0.001
South Havra and Islands	138	2000	0.912	372.65	0.000	0.000	Out of range	-	-	384.59	0.000	0.000



Colony	Population (ind.)	Year	Proportion of sea	The Seagreen Project			Nearnt na Gaoithe			Inch Cape		
				Distance (km)	SPA weighting proportion	SPA proportion	Distance (km)	SPA weighting proportion	SPA proportion	Distance (km)	SPA weighting proportion	SPA proportion
Deepdale	66	2002	0.908	373.04	0.000	0.000	Out of range	-	-	385.39	0.000	0.000
Cunningsburgh to Sandwick	3,348	1998	0.908	374.17	0.000	0.001	Out of range	-	-	386.76	0.000	0.001
Helliness	2	2002	0.908	375.19	0.000	0.000	Out of range	-	-	387.79	0.000	0.000
Maywick to Scalloway	8,228	2000	0.910	375.93	0.001	0.003	Out of range	-	-	387.89	0.001	0.002
Trondra (East Side), East Burra and Houss Ness	776	1999	0.910	378.50	0.000	0.000	Out of range	-	-	390.46	0.000	0.000
Muskna	54	2002	0.909	379.08	0.000	0.000	Out of range	-	-	391.47	0.000	0.000
West Burra - Shetland	1,142	1999	0.911	379.39	0.000	0.000	Out of range	-	-	391.21	0.000	0.000
Quarff	8	2002	0.910	381.54	0.000	0.000	Out of range	-	-	393.81	0.000	0.000
Gulberwick to Fladdabister	1,830	1998	0.910	382.24	0.000	0.001	Out of range	-	-	394.72	0.000	0.000
Tronda, East Burra and Houss Ness	46	1999	0.910	383.23	0.000	0.000	Out of range	-	-	395.29	0.000	0.000
Brindister	244	2002	0.911	383.43	0.000	0.000	Out of range	-	-	394.09	0.000	0.000
Scalloway Islands South	124	2000	0.911	384.02	0.000	0.000	Out of range	-	-	395.71	0.000	0.000
Lerwick to Gulberwick	960	1999	0.911	385.97	0.000	0.000	Out of range	-	-	398.62	0.000	0.000
Hill of Dale	2	2002	0.912	386.63	0.000	0.000	Out of range	-	-	399.04	0.000	0.000
Scalloway Islands	812	2000	0.914	387.59	0.000	0.000	Out of range	-	-	399.38	0.000	0.000
Silwick - Westerwick	530	1999	0.915	388.00	0.000	0.000	Out of range	-	-	399.13	0.000	0.000

Colony	Population (ind.)	Year	Proportion of sea	The Seagreen Project			Nearnt na Gaoithe			Inch Cape		
				Distance (km)	SPA weighting	SPA proportion	Distance (km)	SPA weighting	SPA proportion	Distance (km)	SPA weighting	SPA proportion
Bressay	9,238	2000	0.910	388.08	0.001	0.003	Out of range	-	-	Out of range	-	-
Tingwall	16	2002	0.913	388.83	0.000	0.000	Out of range	-	-	Out of range	-	-
Reawick	3,088	1999	0.916	390.02	0.000	0.001	Out of range	-	-	Out of range	-	-
Skeld, Westerwick and Culswick	4,894	1999	0.917	390.04	0.000	0.002	Out of range	-	-	Out of range	-	-
Gremista	8	2002	0.912	390.20	0.000	0.000	Out of range	-	-	Out of range	-	-
Bressay - North	406	2000	0.910	390.28	0.000	0.000	Out of range	-	-	Out of range	-	-
Weisdale Voe to Skeld	284	1999	0.916	390.93	0.000	0.000	Out of range	-	-	Out of range	-	-
Scalloway Islands North	142	2000	0.915	391.35	0.000	0.000	Out of range	-	-	Out of range	-	-
Nesting to Lerwick	30	1999	0.912	391.92	0.000	0.000	Out of range	-	-	Out of range	-	-
Vaila	506	2002	0.918	392.47	0.000	0.000	Out of range	-	-	Out of range	-	-
Scalloway to Semblister	284	1999	0.915	393.30	0.000	0.000	Out of range	-	-	Out of range	-	-
Saltness to Skeld	1,130	1999	0.916	393.66	0.000	0.000	Out of range	-	-	Out of range	-	-
South Nesting to Lerwick	1,996	1999	0.914	393.89	0.000	0.001	Out of range	-	-	Out of range	-	-
Walls - Dale	2	1999	0.919	394.87	0.000	0.000	Out of range	-	-	Out of range	-	-
Walls to Dates	3,188	1999	0.920	395.09	0.000	0.001	Out of range	-	-	Out of range	-	-
Scalloway to Wormadale	74	1999	0.914	395.57	0.000	0.000	Out of range	-	-	Out of range	-	-

Colony	Population (ind.)	Year	Proportion of sea	The Seagreen Project			Nearnt na Gaoithe			Inch Cape		
				Distance (km)	SPA weighting proportion	SPA proportion	Distance (km)	SPA weighting proportion	SPA proportion	Distance (km)	SPA weighting proportion	SPA proportion
Gruting	2	2002	0.918	396.13	0.000	0.000	Out of range	-	-	Out of range	-	-
Hagmark Hill	56	2002	0.917	396.27	0.000	0.000	Out of range	-	-	Out of range	-	-
South Sutor	400	1999	0.783	397.93	0.000	0.000	358.80	0.000	0.000	380.95	0.000	0.000
Housabister to Catfirth	388	1999	0.915	398.35	0.000	0.000	Out of range	-	-	Out of range	-	-

### Gannet

Table 2 Population size (individuals), year of population count, distance from the development site, proportion of foraging range at sea and the relative proportion contributed by each SPA within foraging range of The Seagreen Project, Nearnt na Gaoithe and Inch Cape

Colony	Population (ind.)	Year	Proportion of sea	The Seagreen Project			Nearnt na Gaoithe			Inch Cape		
				Distance (km)	SPA weighting proportion	SPA proportion	Distance (km)	SPA weighting proportion	SPA proportion	Distance (km)	SPA weighting proportion	SPA proportion
Forth Islands SPA	110,964	2009	0.515	52.66	0.777	0.992	16.10	8.317	1.000	33.22	1.953	0.997
Gamrie and Pennan Coast SSSI	5,574	2010	0.689	113.06	0.006	0.008	148.51	0.004	0.000	120.3	0.006	0.003

*Kittiwake*

Table 3 Population size (individuals), year of population count, distance from the development site, proportion of foraging range at sea and the relative proportion contributed by each SPA within foraging range of The Seagreen Project, Neart na Gaoithe and Inch Cape

Colony	Population (ind.)	Year	Proportion of sea	The Seagreen Project			Neart na Gaoithe			Inch Cape		
				Distance (km)	SPA weighting	SPA proportion	Distance (km)	SPA weighting	SPA proportion	Distance (km)	SPA weighting	SPA proportion
Fowlsheugh SPA	18,674	2012	0.546	28.97	0.407	0.340	62.75	0.087	0.050	34.00	0.296	0.193
Forth Islands SPA	7,552	2012	0.454	52.66	0.060	0.050	16.10	0.642	0.367	33.22	0.151	0.099
St Abb's Head to Fast Castle SPA	32,444	2000	0.550	67.90	0.128	0.107	32.88	0.545	0.311	56.31	0.186	0.122
Buchan Ness to Collieston Coast SPA	25,084	2007	0.719	84.25	0.049	0.041	125.15	0.022	0.013	96.02	0.038	0.025
Whiting Ness to Ethie Haven SSSI	5,084	2000	0.491	35.19	0.084	0.070	32.14	0.100	0.057	15.81	0.414	0.271
Sands of Forvie and Ythan Estuary SSSI	820	2012	0.643	73.71	0.002	0.002	Out of range	-	-	Out of range	-	-
Farne Islands SSSI	8,482	2012	0.631	Out of range	-	-	72.42	0.026	0.015	Out of range	-	-
Catterline to Inverbervie	6,136	1999	0.529	27.64	0.152	0.127	58.66	0.034	0.019	30.36	0.126	0.082
Stonehaven to Wine Cove	11,612	1999	0.533	33.55	0.193	0.161	67.55	0.048	0.027	38.89	0.144	0.094
Montrose to Lunan Bay	768	2000	0.495	33.95	0.013	0.011	38.75	0.010	0.006	17.80	0.049	0.032
Newton Hill	16	2002	0.545	38.92	0.000	0.000	74.42	0.000	0.000	45.60	0.000	0.000
Newtonhill - Hall Bay	1,576	1999	0.549	40.75	0.017	0.014	76.84	0.005	0.003	47.94	0.012	0.008
Burn of Daff	900	1999	0.554	41.62	0.009	0.008	78.08	0.003	0.002	49.14	0.007	0.004
Findon Ness - Hare Ness	2,284	1999	0.570	44.97	0.020	0.017	82.48	0.006	0.003	53.41	0.014	0.009
Girdle Ness to Hare Ness	2,790	1999	0.582	48.82	0.020	0.017	Out of range	-	-	57.85	0.014	0.009
Dunbar Coast	5,032	2000	0.426	67.12	0.026	0.022	27.90	0.152	0.087	49.91	0.047	0.031
St Abbs to Eyemouth	2,310	2007	0.563	69.23	0.009	0.007	34.71	0.034	0.019	58.09	0.012	0.008
Eyemouth to Burnmouth	2	2000	0.568	73.35	0.000	0.000	39.68	0.000	0.000	62.84	0.000	0.000
Berwick to Scottish Border	3,054	2000	0.565	80.45	0.008	0.007	47.64	0.024	0.014	70.56	0.011	0.007
Inchkeith	650	2012	0.215	Out of range	-	-	55.93	0.010	0.006	70.86	0.006	0.004
Inchcolm	212	2012	0.168	Out of range	-	-	65.46	0.003	0.002	79.54	0.002	0.001
Seahouses	596	2000	0.599	Out of range	-	-	76.88	0.002	0.001	Out of range	-	-

Table 4 Population size (individuals), year of population count, distance from the development site, distance from the development site, proportion of foraging range at sea and the relative proportion contributed by each SPA within foraging range of The Seagreen Project, Neart na Gaoithe and Inch Cape

Colony	Population (ind.)	Year	Proportion of sea	The Seagreen Project			Neart na Gaoithe			Inch Cape		
				Distance (km)	SPA weighting	SPA proportion	Distance (km)	SPA weighting	SPA proportion	Distance (km)	SPA weighting	SPA proportion
Forth Islands SPA	4,026	2002	0.396	52.66	0.037	0.328	16.10	0.392	0.679	33.22	0.092	0.422
Fowlsheugh SSSI	2	2012	0.603	28.97	0.000	0.000	62.75	0.000	0.000	34.00	0.000	0.000
Catterline to Inverbervie	8	1999	0.582	27.95	0.000	0.002	59.66	0.000	0.000	31.24	0.000	0.001
Inverbervie to St Cyrus	4	2000	0.541	29.60	0.000	0.001	49.10	0.000	0.000	23.57	0.000	0.001
Montrose to Lunan Bay	6	2001	0.483	32.24	0.000	0.001	42.21	0.000	0.000	19.14	0.000	0.002
Stonehaven to Wine Cove	2	1999	0.608	32.77	0.000	0.000	66.62	0.000	0.000	37.97	0.000	0.000
Lunan Bay to Arbroath	8	2000	0.449	39.71	0.000	0.001	31.59	0.000	0.000	18.94	0.000	0.002
Aberdeen City	308	2001	0.664	55.42	0.002	0.014	91.89	0.001	0.001	63.08	0.001	0.005
Kirkhill Industrial Estate, Dyce	30	1999	0.648	60.98	0.000	0.001	96.32	0.000	0.000	67.82	0.000	0.000
Dundee	130	2000	0.308	63.88	0.001	0.009	43.73	0.002	0.004	42.29	0.002	0.011
Dunbar Coast	2	2000	0.395	67.18	0.000	0.000	27.95	0.000	0.000	49.96	0.000	0.000
St Abbs to Fast Castle	2	2000	0.753	67.93	0.000	0.000	32.86	0.000	0.000	56.27	0.000	0.000
Sands Of Forvie	2	2010	0.707	74.05	0.000	0.000	113.51	0.000	0.000	84.33	0.000	0.000
Berwick to Scottish Border	2	2000	0.511	78.85	0.000	0.000	45.80	0.000	0.000	68.80	0.000	0.000
Boddam to Collieston	12	2007	0.739	81.85	0.000	0.000	122.19	0.000	0.000	93.02	0.000	0.000
Berwick-on-tweed & Tweedmouth	12	1998	0.511	82.70	0.000	0.000	49.94	0.000	0.000	72.86	0.000	0.000
Forth Islands - Bass Rock to Haystack	38	2011	0.306	83.52	0.000	0.002	47.58	0.001	0.001	63.66	0.000	0.001
Kirkcaldy Town Centre	12	1999	0.274	88.01	0.000	0.001	54.22	0.000	0.000	67.48	0.000	0.000
Peterhead	8	2001	0.760	90.86	0.000	0.000	131.81	0.000	0.000	102.66	0.000	0.000
Inchkeith	7,000	2010	0.280	91.25	0.030	0.268	55.93	0.080	0.138	70.86	0.050	0.228
Glenshee	4	1999	0.295	92.61	0.000	0.000	87.61	0.000	0.000	76.81	0.000	0.000
St. Serfs Island, Loch Leven NNIR	3,540	2012	0.247	94.64	0.016	0.143	63.85	0.035	0.061	73.46	0.027	0.122
Farne Islands	1,488	2012	0.591	98.98	0.003	0.023	72.42	0.005	0.008	93.16	0.003	0.013
Inchcolm	5,200	2009	0.254	100.04	0.020	0.183	65.46	0.048	0.083	79.54	0.032	0.148
St. Fergus Gas Terminal	2	2003	0.747	100.09	0.000	0.000	140.31	0.000	0.000	111.13	0.000	0.000
Inchmickery, Inchgarvie, Forth Rail Bridge	70	2011	0.254	101.89	0.000	0.002	67.05	0.001	0.001	81.41	0.000	0.002
Kinloch and Loch of Strathbeg	2	2003	0.742	105.78	0.000	0.000	0.00	-	-	116.25	0.000	0.000

Colony	Population (ind.)	Year	Proportion of sea	The Seagreen Project			Nearnt na Gaoithe			Inch Cape		
				Distance (km)	SPA weighting	SPA proportion	Distance (km)	SPA weighting	SPA proportion	Distance (km)	SPA weighting	SPA proportion
Mortlach Hills	202	1998	0.437	106.44	0.000	0.004	130.11	0.000	0.000	106.09	0.000	0.002
Dalgety Bay	76	1999	0.243	106.88	0.000	0.002	72.70	0.001	0.001	86.35	0.000	0.002
North Esk Reservoir	2	2000	0.258	117.49	0.000	0.000	80.80	0.000	0.000	97.50	0.000	0.000
ATOP Factory Buildings - Clackmannan	66	1999	0.216	124.90	0.000	0.002	94.64	0.000	0.001	103.44	0.000	0.001
Red Moss, Langside Muir	30	1999	0.207	126.54	0.000	0.001	100.25	0.000	0.000	104.79	0.000	0.001
Portknockie	2	2002	0.524	126.98	0.000	0.000	0.00	-	-	130.25	0.000	0.000
Grangemouth to Gardrum Moss	358	1999	0.229	130.44	0.001	0.008	97.83	0.002	0.003	109.52	0.001	0.006
Coquet Island	58	2012	0.542	132.67	0.000	0.001	104.99	0.000	0.000	126.50	0.000	0.000
Elgin	56	2000	0.422	136.26	0.000	0.001	0.00	-	-	135.33	0.000	0.000
Carstairs Junction	80	2002	0.260	140.16	0.000	0.001	103.68	0.000	0.000	120.03	0.000	0.001
Cumbernauld (buildings)	700	1994	0.237	Out of range	-	-	109.06	0.002	0.004	121.23	0.002	0.009
Cumbernauld	178	2001	0.236	Out of range	-	-	108.95	0.001	0.001	121.37	0.001	0.002
Queenzieburn	42	2002	0.236	Out of range	-	-	113.50	0.000	0.000	124.80	0.000	0.001
Newhouse	12	2002	0.257	Out of range	-	-	111.85	0.000	0.000	125.86	0.000	0.000
Balgair Muir	100	1989	0.227	Out of range	-	-	120.02	0.000	0.001	128.57	0.000	0.001
Bellshill	50	2000	0.262	Out of range	-	-	116.43	0.000	0.000	130.24	0.000	0.001
Kirkintilloch	234	2001	0.245	Out of range	-	-	118.36	0.001	0.001	129.97	0.001	0.003
Kirkintilloch Industrial Estate	4	1994	0.246	Out of range	-	-	118.90	0.000	0.000	130.57	0.000	0.000
Uddingston	6	2001	0.262	Out of range	-	-	118.24	0.000	0.000	131.88	0.000	0.000
Bishopbriggs	420	2001	0.254	Out of range	-	-	122.51	0.001	0.002	134.30	0.001	0.004
Springburn (buildings)	36	1993	0.262	Out of range	-	-	125.18	0.000	0.000	137.29	0.000	0.000

Colony	Population (ind.)	Year	Proportion of sea	The Seagreen Project			Nearnt na Gaoithe			Inch Cape		
				Distance (km)	SPA weighting	SPA proportion	Distance (km)	SPA weighting	SPA proportion	Distance (km)	SPA weighting	SPA proportion
Glasgow	346	2001	0.270	Out of range	-	-	127.17	0.001	0.001	139.46	0.001	0.003
Milngavie	174	2001	0.260	Out of range	-	-	128.49	0.000	0.001	139.30	0.000	0.002
Glasgow City Centre (buildings)	80	1993	0.271	Out of range	-	-	127.74	0.000	0.000	140.26	0.000	0.001
Bearsden	2	2001	0.264	Out of range	-	-	130.83	0.000	0.000	Out of range	-	-
Drumchapel	160	1993	0.273	Out of range	-	-	132.39	0.000	0.001	Out of range	-	-
Burncrooks Reservoir	2	2001	0.267	Out of range	-	-	133.83	0.000	0.000	Out of range	-	-
Braehead (Glasgow)	4	1993	0.280	Out of range	-	-	134.09	0.000	0.000	Out of range	-	-
Braehead (Renfrew)	142	2001	0.281	Out of range	-	-	133.98	0.000	0.000	Out of range	-	-
Renfrew	520	2001	0.283	Out of range	-	-	134.62	0.001	0.002	Out of range	-	-
Clydebank	140	2001	0.280	Out of range	-	-	135.23	0.000	0.000	Out of range	-	-
North Shields & Tynemouth	4	1994	0.469	Out of range	-	-	140.77	0.000	0.000	Out of range	-	-
Inchinnan	126	1999	0.289	Out of range	-	-	138.28	0.000	0.000	Out of range	-	-
Paisley (buildings)	16	1994	0.291	Out of range	-	-	137.99	0.000	0.000	Out of range	-	-
Barrhead (buildings)	2	1994	0.294	Out of range	-	-	137.79	0.000	0.000	Out of range	-	-
Paisley	182	2001	0.293	Out of range	-	-	138.52	0.000	0.001	Out of range	-	-
Eaglesham Trs	4	2002	0.298	Out of range	-	-	137.16	0.000	0.000	Out of range	-	-
Balgray Reservoir Island	2	2002	0.295	Out of range	-	-	137.73	0.000	0.000	Out of range	-	-

Herring Gull

Table 5 Population size (individuals), year of population count, distance from the development site, proportion of foraging range at sea and the relative proportion contributed by each SPA within foraging range of The Seagreen Project, Neart na Gaoithe and Inch Cape

Colony	Population (ind.)	Year	Proportion of sea	The Seagreen Project			Neart na Gaoithe			Inch Cape		
				Distance (km)	SPA weighting	SPA proportion	Distance (km)	SPA weighting	SPA proportion	Distance (km)	SPA weighting	SPA proportion
Fowlsheugh SPA	518	2012	0.576	28.97	0.011	0.028	62.75	0.002	0.002	34.00	0.008	0.012
Forth Islands SPA	10,054	2002	0.415	52.66	0.087	0.230	16.10	0.934	0.755	33.22	0.219	0.324
St Abb's Head to Fast Castle SPA	1,294	2000	0.737	67.90	0.004	0.010	32.88	0.016	0.013	56.31	0.006	0.008
Buchan Ness to Collieston Coast SPA	6,158	2007	0.515	84.25	0.017	0.044	125.15	0.008	0.006	96.02	0.013	0.019
Sands of Forvie and Ythan Estuary SSSI	344	2012	0.680	73.71	0.001	0.002	Out of range	-	-	83.62	0.001	0.001
Catterline to Inverbervie	3,402	1999	0.554	27.81	0.079	0.210	58.79	0.018	0.014	30.50	0.066	0.098
Inverbervie to St Cyrus	10	2000	0.510	29.60	0.000	0.001	49.10	0.000	0.000	23.57	0.000	0.001
St Cyrus	2	2012	0.493	30.55	0.000	0.000	48.40	0.000	0.000	23.26	0.000	0.000
Montrose to Lunan Bay	852	2001	0.466	32.71	0.017	0.045	40.23	0.011	0.009	18.05	0.056	0.083
Stonehaven to Wine Cove	1,804	1999	0.575	33.55	0.028	0.073	67.55	0.007	0.006	38.89	0.021	0.031
Lunan Bay to Arbroath	1,268	2001	0.446	35.46	0.023	0.060	32.16	0.027	0.022	15.99	0.111	0.164
Newton Hill	510	2002	0.590	39.41	0.006	0.015	75.04	0.002	0.001	46.21	0.004	0.006
Newtonhill - Hall Bay	254	1999	0.594	40.75	0.003	0.007	76.84	0.001	0.001	47.94	0.002	0.003
Burn of Dafif	400	1999	0.599	41.62	0.004	0.010	78.08	0.001	0.001	49.14	0.003	0.004
Findon Ness - Hare Ness	88	1999	0.615	44.97	0.001	0.002	82.48	0.000	0.000	53.41	0.001	0.001
Girdle Ness to Hare Ness	338	1999	0.629	48.82	0.002	0.006	86.98	0.001	0.001	57.85	0.002	0.002
Cunmont Quarry	8	2001	0.348	54.91	0.000	0.000	39.33	0.000	0.000	33.57	0.000	0.000
Aberdeen City	6,700	2001	0.614	55.42	0.036	0.094	91.89	0.013	0.010	63.08	0.027	0.041
Fife Ness to St Andrews	2	1999	0.378	56.01	0.000	0.000	28.91	0.000	0.000	34.71	0.000	0.000
Kirkhill Industrial Estate, Dyce	90	1999	0.603	60.98	0.000	0.001	96.32	0.000	0.000	67.82	0.000	0.000
Transco Installations and Birse	2	2001	0.461	61.97	0.000	0.000	81.20	0.000	0.000	57.75	0.000	0.000



Colony	Population (ind.)	Year	Proportion of sea	The Seagreen Project			Near na Gaoithe			Inch Cape		
				Distance (km)	SPA weighting	SPA proportion	Distance (km)	SPA weighting	SPA proportion	Distance (km)	SPA weighting	SPA proportion
Bitse and Gas Installation Sites (Auchenblae to Stonehaven)	2	2000	0.477	62.91	0.000	0.000	80.56	0.000	0.000	57.66	0.000	0.000
Dundee	592	2001	0.300	64.46	0.005	0.013	43.57	0.010	0.008	42.81	0.011	0.016
Dunbar Coast	22	2000	0.403	67.18	0.000	0.000	27.95	0.001	0.001	49.96	0.000	0.000
St Abbs to Eyemouth	398	2000	0.531	70.37	0.002	0.004	36.04	0.006	0.005	59.37	0.002	0.003
Eyemouth to Burmmouth	166	2000	0.539	73.18	0.001	0.002	39.50	0.002	0.002	62.67	0.001	0.001
Border to Burmmouth	32	2000	0.541	75.58	0.000	0.000	42.07	0.000	0.000	65.19	0.000	0.000
Berwick to Scottish Border	164	2000	0.546	79.83	0.000	0.001	46.93	0.001	0.001	69.88	0.001	0.001
Berwick-on-tweed & Tweedmouth	492	1998	0.544	82.70	0.001	0.003	49.94	0.004	0.003	72.86	0.002	0.003
Forth Islands - Bass Rock to Haystack	104	2011	0.268	83.52	0.001	0.001	47.58	0.002	0.001	63.66	0.001	0.001
Kirkcaldy Town Centre	20	1999	0.225	88.01	0.000	0.000	54.22	0.000	0.000	67.48	0.000	0.000
Inchkeith	7,400	2010	0.226	91.25	0.039	0.104	55.93	0.104	0.084	70.86	0.065	0.096
Peterhead	646	2001	0.755	91.85	0.001	0.003	Out of range	-	-	103.77	0.001	0.001
St. Serfs Island, Loch Leven NNR	50	2012	0.188	94.64	0.000	0.001	63.85	0.001	0.001	73.46	0.000	0.001
Burghmuir, Perth	2	2001	0.170	95.81	0.000	0.000	71.59	0.000	0.000	74.09	0.000	0.000
Farne Islands	1,764	2012	0.630	98.98	0.003	0.008	72.42	0.005	0.004	93.16	0.003	0.005
Holburn Moss	42	2000	0.534	99.17	0.000	0.000	67.32	0.000	0.000	90.00	0.000	0.000
Inchcolm	1,300	2009	0.192	100.04	0.007	0.018	65.46	0.016	0.013	79.54	0.011	0.016
St. Fergus Gas Terminal	50	2003	0.757	100.09	0.000	0.000	Out of range	-	-	Out of range	-	-
Inchmickery, Inchgarvie, Forth Rail Bridge	240	2008	0.191	101.89	0.001	0.003	67.05	0.003	0.002	81.41	0.002	0.003
Ratho Station (buildings)	6	1994	0.173	Out of range	-	-	74.97	0.000	0.000	89.97	0.000	0.000
Livingston (buildings)	2	1994	0.158	Out of range	-	-	83.69	0.000	0.000	98.57	0.000	0.000

Colony	Population (ind.)	Year	Proportion of sea	The Seagreen Project			Near na Gaoithe			Inch Cape		
				Distance (km)	SPA weighting	SPA proportion	Distance (km)	SPA weighting	SPA proportion	Distance (km)	SPA weighting	SPA proportion
Little Mill Quarry	133	2000	0.554	Out of range	-	-	90.67	0.000	0.000	Out of range	-	-
ATOP Factory Buildings - Clackmannan	40	1999	0.135	Out of range	-	-	93.77	0.000	0.000	102.35	0.000	0.000
Grangemouth to Gardrum Moss	48	1999	0.138	Out of range	-	-	92.43	0.000	0.000	104.50	0.000	0.000
Bathgate (buildings)	8	1994	0.146	Out of range	-	-	90.61	0.000	0.000	104.92	0.000	0.000
Red Moss, Langside Muir	50	1991	0.001	Out of range	-	-	100.25	0.039	0.032	104.79	0.036	0.053
Coquet Island	2	2012	0.539	Out of range	-	-	104.99	0.000	0.000	Out of range	-	-
Dalgety Bay	12	1999	0.174	Out of range	-	-	73.04	0.000	0.000	86.33	0.000	0.000

Table 6 Population size (individuals), year of population count, distance from the development site, proportion of foraging range at sea and the relative proportion contributed by each SPA within foraging range of The Seagreen Project, Neart na Gaoithe and Inch Cape

Colony	Population (ind.)	Year	Proportion of sea	The Seagreen Project			Neart na Gaoithe			Inch Cape		
				Distance (km)	SPA weighting	SPA proportion	Distance (km)	SPA weighting	SPA proportion	Distance (km)	SPA weighting	SPA proportion
Fowlsheugh SPA	44,920	2012	0.599	28.97	0.893	0.579	62.75	0.190	0.062	34.00	0.649	0.383
Forth Islands SPA	21,768	2011	0.398	52.66	0.197	0.128	16.10	2.110	0.683	33.22	0.496	0.292
St Abb's Head to Fast Castle SPA	43,744	1998 / 2000	0.757	67.90	0.125	0.081	32.88	0.534	0.173	56.31	0.182	0.107
Buchan Ness to Collieston Coast SPA	19,296	2007	0.484	84.25	0.056	0.036	125.15	0.025	0.008	96.02	0.043	0.025
Troup, Pennan and Lion's Heads SPA	16,325	2007	0.661	113.55	0.019	0.012	Out of range	-	-	121.29	0.017	0.010
Farne Islands SSSI	49,076	2012	0.601	98.98	0.083	0.054	72.42	0.156	0.050	93.16	0.094	0.056
Catterline to Inverbervie	2,884	1999	0.578	27.64	0.065	0.042	58.66	0.015	0.005	30.36	0.054	0.032
Stonehaven to Wine Cove	4,763	1999	0.605	32.77	0.073	0.048	66.62	0.018	0.006	37.97	0.055	0.032
Lunan Bay to Arbroath	1,002	2000	0.439	34.75	0.019	0.012	32.29	0.022	0.007	15.52	0.095	0.056
Newtonhill - Hall Bay	61	1999	0.636	40.95	0.001	0.000	77.15	0.000	0.000	48.24	0.000	0.000
Burn of Daff	37	1999	0.641	41.62	0.000	0.000	78.08	0.000	0.000	49.14	0.000	0.000
Findon Ness - Hare Ness	422	1999	0.657	45.45	0.003	0.002	83.02	0.001	0.000	53.95	0.002	0.001
Girdle Ness to Hare Ness	75	1999	0.670	47.96	0.000	0.000	85.99	0.000	0.000	56.87	0.000	0.000
Eyemouth to Burnmouth	892	2000	0.505	73.35	0.003	0.002	39.68	0.011	0.004	62.84	0.004	0.003
Sands Of Forvie	48	2012	0.710	74.05	0.000	0.000	113.51	0.000	0.000	84.33	0.000	0.000
Berwick to Scottish Border	45	2000	0.516	80.71	0.000	0.000	47.97	0.000	0.000	70.87	0.000	0.000
Inchkeith	450	2012	0.270	91.25	0.002	0.001	55.93	0.005	0.002	70.86	0.003	0.002
Inchcolm	1	2007	0.244	100.04	0.000	0.000	65.46	0.000	0.000	79.54	0.000	0.000
Inchmickery, Inchgarvie, Forth Rail Bridge	0	2007	0.244	102.97	0.000	0.000	68.20	0.000	0.000	82.49	0.000	0.000

Razorbill

Table 7 Population size (individuals), year of population count, distance from the development site, proportion of foraging range at sea and the relative proportion contributed by each SPA within foraging range of The Seagreen Project, Neart na Gaoithe and Inch Cape

Colony	Population (ind.)	Year	Proportion of sea	The Seagreen Project			Neart na Gaoithe			Inch Cape		
				Distance (km)	SPA weighting	SPA proportion	Distance (km)	SPA weighting	SPA proportion	Distance (km)	SPA weighting	SPA proportion
Fowlsheugh SPA	5,260	2012	0.546	28.97	0.115	0.441	62.75	0.024	0.038	34.00	0.083	0.255
Forth Islands SPA	6,324	2011	0.453	52.66	0.050	0.193	16.10	0.538	0.843	33.22	0.126	0.386
St Abb's Head to Fast Castle SPA	3,157	1998 / 2000	0.719	67.90	0.010	0.037	32.88	0.041	0.064	56.31	0.014	0.042
Collieston to Whinniford Coast SSSI	4,275	2007	0.679	77.15	0.011	0.041	Out of range	-	-	Out of range	-	-
Farne Islands SSSI	420	2012	0.631	Out of range	-	-	72.42	0.001	0.002	Out of range	-	-
Catterline to Inverbervie	1,962	1999	0.529	27.64	0.049	0.187	58.66	0.011	0.017	30.36	0.040	0.123
Stonehaven to Wine Cove	558	1999	0.533	33.16	0.010	0.037	67.12	0.002	0.004	38.46	0.007	0.022
Montrose to Lunan Bay	4	2000	0.495	33.95	0.000	0.000	38.75	0.000	0.000	17.80	0.000	0.001
Lunan Bay to Arbroath	558	2000	0.480	34.86	0.010	0.037	32.18	0.011	0.018	15.56	0.048	0.147
Newton Hill	58	2002	0.545	39.41	0.001	0.003	75.04	0.000	0.000	46.21	0.000	0.002
Newtonhill - Hall Bay	112	1999	0.549	40.75	0.001	0.005	76.84	0.000	0.001	47.94	0.001	0.003
Burn of Daif	54	1999	0.555	41.62	0.001	0.002	78.08	0.000	0.000	49.14	0.000	0.001
Findon Ness - Hare Ness	337	1999	0.570	45.45	0.003	0.011	83.02	0.001	0.001	53.95	0.002	0.006
Girdle Ness to Hare Ness	56	1999	0.582	47.96	0.000	0.002	Out of range	-	-	56.87	0.000	0.001
Eyemouth to Burmmouth	377	2000	0.568	73.35	0.001	0.005	39.68	0.004	0.007	62.84	0.002	0.005
Sands Of Forvie	90	2010	0.638	74.05	0.000	0.001	Out of range	-	-	Out of range	-	-
Berwick to Scottish Border	48	2000	0.565	80.45	0.000	0.001	47.64	0.000	0.001	70.56	0.000	0.001
Inchkeith	186	2012	0.215	Out of range	-	-	55.93	0.003	0.004	70.86	0.002	0.005
Inchcolm	24	2012	0.168	Out of range	-	-	65.46	0.000	0.001	79.54	0.000	0.001
Inchmickery, Inchgarvie, Forth Rail Bridge	0	2007	0.164	Out of range	-	-	68.20	0.000	0.000	82.49	0.000	0.000

Table 8 Population size (individuals), year of population count, distance from the development site, proportion of foraging range at sea and the relative proportion contributed by each SPA within foraging range of The Seagreen Project, Neart na Gaoithe and Inch Cape

Colony	Population (ind.)	Year	Proportion of sea	The Seagreen Project			Neart na Gaoithe			Inch Cape		
				Distance (km)	SPA weighting	SPA proportion	Distance (km)	SPA weighting	SPA proportion	Distance (km)	SPA weighting	SPA proportion
Forth Islands SPA	100,564	2009	0.415	52.66	0.874	0.864	16.10	9.348	0.975	33.22	2.195	0.929
Farne Islands SPA	73,670	2008	0.630	100.95	0.115	0.113	73.83	0.214	0.022	94.79	0.022	0.055
Fowlsheugh SSSI	30	2006	0.576	28.97	0.001	0.001	62.75	0.000	0.000	34.00	0.000	0.000
Whiting Ness to Ethie Haven SSSI	189	2001	0.453	35.19	0.003	0.003	32.14	0.004	0.000	15.81	0.017	0.007
St Abb's Head to Fast Castle SSSI	7	2011	0.738	67.90	0.000	0.000	32.88	0.000	0.000	56.31	0.000	0.000
Catterline to Inverbervie	344	1999	0.554	27.64	0.008	0.008	58.66	0.002	0.000	30.36	0.007	0.003
Stonehaven to Wine Cove	213	1999	0.576	33.55	0.003	0.003	67.55	0.001	0.000	38.89	0.002	0.001
Lunan Bay to Arbroath	1	2001	0.445	34.81	0.000	0.000	32.22	0.000	0.000	15.54	0.000	0.000
Newton Hill	17	2002	0.590	38.92	0.000	0.000	74.42	0.000	0.000	45.60	0.000	0.000
Newtonhill - Hall Bay	3	1999	0.595	40.95	0.000	0.000	77.15	0.000	0.000	48.24	0.000	0.000
Burn of Daiff	20	1999	0.600	41.62	0.000	0.000	78.08	0.000	0.000	49.14	0.000	0.000
Findon Ness - Hare Ness	103	1999	0.615	45.45	0.001	0.001	83.02	0.000	0.000	53.95	0.001	0.000
Girdle Ness to Hare Ness	3	1999	0.629	47.96	0.000	0.000	85.99	0.000	0.000	56.87	0.000	0.000
Eyemouth to Burmmouth	21	2000	0.538	73.31	0.000	0.000	39.65	0.000	0.000	62.81	0.000	0.000
Inchkeith	1,157	2009	0.227	91.25	0.006	0.006	55.93	0.016	0.002	70.86	0.010	0.004
Inchcolm	28	2012	0.193	100.04	0.000	0.000	65.46	0.000	0.000	79.54	0.000	0.000