



Technical Appendix 12.5

Colony counts and derived breeding populations used in assessments

Offshore EIA Report: Volume 2

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Green Volt Offshore Wind Farm

Appendix 12.5 Colony counts and derived breeding populations used in assessments

Green Volt Offshore Wind Ltd.

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Contents

1. Introduction.....	5
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List of Tables

Table 1 Breeding colony counts for kittiwake.....	5
Table 2 Breeding colony counts for gannet.....	13
Table 3 Breeding colony counts for guillemot.....	15
Table 4 Breeding colony counts for razorbill.....	16
Table 5 Breeding colony counts for puffin.....	18
Table 6 Breeding colony counts for great black-backed gull.....	24
Table 7 Breeding colony counts for herring gull.....	24

1. Introduction

The tables presented below form the breeding colony counts used to determine the breeding populations of kittiwake, gannet, guillemot, razorbill, puffin, great black-backed gull and herring gull. These breeding population counts are used in the assessment of potential impacts from Green Volt within **Green Volt Offshore Wind Farm Environmental Impact Assessment Chapter 12: Offshore and Intertidal Ornithology**. Certain SPA sites are sub-divided into smaller sites within the SPA designation. Dates of the survey are also provided. The original number is the number provided on the Seabird Monitoring Programme database (SMP) database (JNCC, 2022), unless stated otherwise, and is either individual counts or occupied nest site. For the latter count, these numbers are multiplied by two to account for the absent pair member. In addition, guillemot and razorbill numbers individual numbers are multiplied by a correction factor of 1.34.

Breeding population sizes are based on colony counts from the SMP database (JNCC, 2022) for all colonies within mean maximum (mean max) plus one Standard Deviation (+1 SD) foraging range (Woodward *et al.*, 2019), with the exception of two species; guillemot and razorbill: Use of mean max+1SD, including data from Fair Isle for all Northern Isles designated sites; and for all designated sites south of the Pentland Firth (i.e., excluding the Northern Isles, use of mean max+1SD discounting Fair Isle values. A further exception in the case of gannet has been incorporated, where three separate sites have exceeded the mean max; Forth Islands, Grassholm and St. Kilda SPAs where maximum foraging range (Woodward *et al.*, 2019) has been used.

Evidence has also been gathered from bidirectional flight data from the aerial surveys and the Seabird Tracking Database (<http://www.seabirdtracking.org/>), to include colonies that show flight headings to and from the Windfarm Site or show tracks across the Windfarm Site and 4 km buffer out with mean max +1SD foraging range to include in the breeding population.

Table 1 Breeding colony counts for kittiwake.

SPA	Smaller Site	Date	SMP Database Counts (AON/AOS)	Breeding Individuals
Buchan Ness to Collieston Coast	N/A	2017	11,295	22,590
Troup, Pennan and Lion's Head	Aberdour Bay	2017	2,393	4,786
Troup, Pennan and Lion's Head	Troup and Lion's Head RSPB	2017	6,797	13,594

SPA	Smaller Site	Date	SMP Database Counts (AON/AOS)	Breeding Individuals
Troup, Pennan and Lion's Head	Pennan Head	2017	555	1,110
Troup, Pennan and Lion's Head	West Quarry Head	2017	1	2
Troup, Pennan and Lion's Head	Crovie to Collie Head	2017	758	1,516
Troup, Pennan and Lion's Head	More Head - Crovie Pier	2017	112	224
Fowlsheugh	Swallow Cove - Crawton	2018	2,156	4,312
Fowlsheugh	Thornhive Bay	2018	1,671	3,342
Fowlsheugh	Tremuda/ Old Hall Bay	2018	768	1,536
Fowlsheugh	Fowlsheugh RSPB	2018	9,444	18,888
East Caithness Cliffs	N/A	2016	24,460**	48,920
North Caithness Cliffs	N/A	2016	5,568***	11,136
Copinsay	N/A	2015	955	1,910
Hoy	Old Man of Hoy to Rora	2017	29	58
Hoy	HOY 8	2017	9	18
Hoy	Hoy RSPB Reserve	2017	38	76
Hoy	HOY 17	2016	228	456
Fair Isle	N/A	2021	323	646
Calf of Eday	N/A	2018	142	284
Rousay	Rousay 1 - RSPB	2016	232	464
Rousay	Rousay 4	2016	2	4
Rousay	Rousay 7	2016	6	12
Rousay	Rousay 8	2016	6	12
Rousay	Rousay 11	2016	54	108
Rousay	Rousay 12	2016	30	60
West Westray	West Westray 1	2017	12	24

SPA	Smaller Site	Date	SMP Database Counts (AON/AOS)	Breeding Individuals
West Westray	Noup Cliffs RSPB	2017	1,822	3,644
West Westray	West Westray 5	2017	495	990
West Westray	West Westray 6	2017	426	852
Marwick Head	N/A	2018	906	1,812
Forth Islands	Craigleith	2022	122	244
Forth Islands	The Lamb	2022	2	4
Forth Islands	Bass Rock	2022	569	1,138
Forth Islands	Fidra	2022	372	744
Forth Islands	Isle of May	2018	2,516	5,032
Sumburgh Head	Grutness Pier to Greystane Geo	2021	43	86
Sumburgh Head	Geo of Parks to Jarlshof	2021	147	294
Sumburgh Head	Sandwick to Virkie	2018	1	2
Sumburgh Head	Sumburgh Head	2017	241	482
St. Abb's Head to Fast Castle	St Abb's Head NNR	2021	4,600	9,200
Noss	N/A	2021	77	154
Cape Wrath	Clo mor 10	2017	329	658
Cape Wrath	Cape Wrath 4	2017	181	362
Cape Wrath	Clo Mor 5	2017	39	78
Cape Wrath	Clo Mor 7	2017	350	700
Cape Wrath	Clo Mor 8	2017	906	1,812
Cape Wrath	Clo Mor 9	2017	1,633	3,266
Cape Wrath	Clo Mor 11	2017	170	340
Foula	N/A	2021	425	850
Handa	N/A	2018	2,575	5,150

SPA	Smaller Site	Date	SMP Database Counts (AON/AOS)	Breeding Individuals
Pentland Firth Islands	Swona	2021	1	2
Pentland Firth Islands	Muckle Skerry	2021	176	352
Ythan Estuary, Sands of Forvie and Meikle Loch SPA	N/A	2019	387	774
Sule Skerry and Sule Stack	Sule Skerry	2018	50	100
North Hill and Holm	North Hill RSPB	2019	15	30
Papa Stour	Papa Stour Whole Islands	2021	25	50
N/A	Whiting Ness to Ethie Haven 4	2018	410	820
N/A	Whiting Ness to Ethie Haven 1	2018	250	500
N/A	Auchmithie	2018	7*	7
N/A	Buckiemill	2017	370	740
N/A	Fraserburgh Harbour	2021	81	162
N/A	Peterhead South Harbour	2021	33	66
N/A	Snow Craig	2017	25	50
N/A	Head of Garness	2017	3	6
N/A	Findlater	2017	79	158
N/A	Garron Point	2017	217	434
N/A	Redhythe Point	2017	220	440
N/A	Eyemouth to Burnmouth 1	2018	60	120
N/A	Eyemouth to Burnmouth 2	2018	171	342
N/A	Eyemouth to Burnmouth 3	2018	6	12
N/A	Eyemouth to Burnmouth 4	2018	62	124
N/A	Eyemouth to Burnmouth 5	2018	114	228
N/A	Eyemouth to Burnmouth 6	2018	158	316

SPA	Smaller Site	Date	SMP Database Counts (AON/AOS)	Breeding Individuals
N/A	Eyemouth to Burnmouth 7	2018	138	276
N/A	Noss Head	2018	45	90
N/A	Hare Ness to Seal's Cove	2017	812	1,624
N/A	Grey Ness - Seal's Hole	2017	391	782
N/A	Cove Bay	2017	1,323	2,646
N/A	Cove to Hare Ness	2017	361	722
N/A	Inchcolm	2022	75	150
N/A	Strathlethan Bay	2021	61*	61
N/A	Newtonhill - May Craig	2017	298	596
N/A	Perthumie Bay 1	2017	79	158
N/A	Doonie Point to Hall Bay	2017	2	4
N/A	Seal's Cove to Findon Ness	2017	285	570
N/A	Burn of Daff to Newtonhill	2017	790	1,580
N/A	Black Slough to Burn of Daff	2017	303	606
N/A	Yellow Ark	2017	122	244
N/A	Darn Bay	2017	10	20
N/A	Little John's Haven	2017	6	12
N/A	Kineff	2017	111	222
N/A	Whistleberry	2017	43	86
N/A	Swirl Cove	2017	83*	83
N/A	Rouen Bay	2017	174	348
N/A	The Slainges	2017	967	1,934
N/A	Findon Ness to Black Slough	2017	80	160
N/A	Inchkeith	2022	471	942

SPA	Smaller Site	Date	SMP Database Counts (AON/AOS)	Breeding Individuals
N/A	Covesea	2019	560	1,120
N/A	Portknockie	2018	31	62
N/A	South Sutor (2-6)	2021	53	106
N/A	North Sutor of Cromarty/ Castlecreaig	2021	289	578
N/A	The Altar-Quindry	2021	34	68
N/A	Holm 4	2021	23	46
N/A	Grid Square HY2112	2021	6	12
N/A	Shapinsay 8	2021	13	26
N/A	Quindry - Hoxa- Dam of Hoxa	2021	1	2
N/A	HOY 22	2019	33	66
N/A	Rothiesholm Head 2	2019	49	98
N/A	Rerwick Head 2	2019	3	6
N/A	Deerness 10	2019	5	10
N/A	Burgh Head 1	2018	21*	21
N/A	Carlin Geo 1	2018	188*	188
N/A	Brough of Birsay	2018	1	2
N/A	Gultak	2018	14	28
N/A	Row Head	2018	1	2
N/A	Eynhallow	2018	38	76
N/A	Costa Head	2018	52	104
N/A	Muckle Green Holm	2018	32	64
N/A	Trumland RSPB	2018	127	254
N/A	Starrie Geo	2017	51	102

SPA	Smaller Site	Date	SMP Database Counts (AON/AOS)	Breeding Individuals
N/A	Shapinsay 9	2016	4	8
N/A	Windwick- Burwick	2016	16	32
N/A	Stenness	2019	65	130
N/A	HU 3066	2021	2	4
N/A	Staraster to Shaabers Head	2017	21	42
N/A	Brough Skerries to Corn Head	2021	1*	1
N/A	The Kamer to Bay of Garth	2021	4	8
N/A	Neap of Norby to the Kamer	2021	19	38
N/A	Treawick to Burrier Head	2019	3	6
N/A	Dogs Head to treawick	2019	8	16
N/A	Point of Hus to Hevdigarth	2016	10	20
N/A	Vaila	2016	44	88
N/A	Burga Stacks to Caves	2016	1	2
N/A	West of the Nev - Stead of Culswick	2016	27	54
N/A	Westerwick to West of the Nev	2016	50	100
N/A	Scarvister to West Mouli Geo	2016	13	26
N/A	The Ord	2019	46	92
N/A	Whale wick to sandwich	2016	29	58
N/A	West burra	2014	65	130
N/A	Kettlaness	2014	36	72
N/A	South Havra	2016	5	10
N/A	Ness of Ireland	2014	42	84
N/A	Griskerry to Taing of Maywick	2016	22	44

SPA	Smaller Site	Date	SMP Database Counts (AON/AOS)	Breeding Individuals
N/A	Noness	2021	38	76
N/A	St Ninian's Isle	2018	39	78
N/A	Hich Holm	2017	28	56
N/A	Troswick Ness	2021	20	40
N/A	Troswick beach to Boddam	2021	21	42
N/A	Corbie Geo to Whale stack	2016	1	2
N/A	Broad stack to Stack of Barons geo	2021	47	94
N/A	Grutness Pier to Greystane Geo	2021	43	86
N/A	Geo of Parks to Jarlshof	2021	147	294
N/A	Horse Island	2021	12	24
N/A	Sandwood Bay Stack	2021	26*	26
N/A	Faraid Head 3	2021	182	364
N/A	Faraid Head 4	2021	116	232
N/A	Eilean Iosal	2021	141*	141
N/A	Cleit An t-Seabhaig	2019	50*	50
N/A	Faraid Head 2	2019	30	60
N/A	Am Balg	2019	148	296
N/A	Rubha Thormaid	2019	50*	50
N/A	Coquet Island SPA	2021	466	932
N/A	Howick	2019	640	1,280
N/A	Cullernose Point	2019	92	184
N/A	Dunstanburgh Castle	2019	336	672
N/A	Seahouses	2019	206	412
N/A	Farne Islands	2019	4402	8,804

SPA	Smaller Site	Date	SMP Database Counts (AON/AOS)	Breeding Individuals
N/A	Old Hall Bay to Castle Haven	2018	267	534
N/A	South Sutor	2015	66	132
Regional Breeding population				212,798

*Counts of individuals, **Counts from Swann (2016) SNH report, ***Counts from Swann (2018) SNH report.

Table 2 Breeding colony counts for gannet.

SPA	Smaller Site	Date	SMP Database Counts (AON)	Breeding Individuals
Forth Islands	N/A	2014	75,259	150,518
St. Abb's Head to Fast Castle	N/A	2021	4	8
Troup, Pennan and Lion's Head	N/A	2019	4,825	9,650
Fair Isle	N/A	2021	4,971	9,942
Foula	N/A	2021	2,443	4,886
West Westray	Noup Cliffs	2021	1,384	2,768
Marwick Head	N/A	2021	9	18
Sule Skerry	Sule Skerry	2018	4,515	9,030
Sule Stack	Sule Stack	2013	4,550	9,100
Noss	N/A	2019	13,765	27,530
North Rona and Sula Sgeir	N/A	2013	11,230	22,460
Hermaness, Saxa Vord and Valla Field	N/A	2014	25,580	51,160
Flamborough & Filey Coast	N/A	2017	13,392	26,784
St. Kilda	N/A	2013	60,290	120,580
Regional Breeding Population				444,434

Table 3 Breeding colony counts for guillemot.

SPA	Smaller Site	Date	SMP Database Counts (IND)	Breeding Individuals ¹
Buchan Ness to Colliston Coast	N/A	2016/2017	33,632***	45,067
Troup, Pennan and Lion's Head	Aberdour Bay	2017	2,187	2,931
Troup, Pennan and Lion's Head	Pennan Head	2017	1,449	1,942
Troup, Pennan and Lion's Head	Troup & Lion's Head RSPB	2017	18,853	25,263
Troup, Pennan and Lion's Head	Crovie to Collie Head	2017	1,137	1,524
Troup, Pennan and Lion's Head	More Head - Crovie Pier	2017	175	235
East Caithness Cliffs	N/A	2016	149,248*	199,992
North Caithness Cliffs	N/A	2018	38,863**	52,076
Fair Isle	N/A	2021	14,906	19,974
Copinsay	N/A	2015	18,454	24,728
Pentland Firth Islands	N/A	2021	6	8
N/A	Staxigoe	2018	9 [‡]	18
N/A	Noss Head	2018	107 [‡]	214
Regional Breeding Population				373,971

¹applying Harris et al., (2015) correction factor x 1.34 for total adult breeding numbers, *Counts from Swann (2016) SNH report, **Counts from Swann (2018) SNH report, ***Counts from Inch Cape Scoping Opinion(2017), [‡]AON counts multiplied by 2.

Table 4 Breeding colony counts for razorbill.

SPA	Smaller Site	Date	SMP Database Counts (IND)	Breeding Individuals ¹
Buchan Ness to Collieston Coast	N/A	2019	5,813	7,789
Troup, Pennan and Lion's Head	West Quarry Head	2017	3	4
Troup, Pennan and Lion's Head	Aberdour Bay	2017	379	508
Troup, Pennan and Lion's Head	Troup and Lion's Head RSPB	2017	2,762	3,701
Troup, Pennan and Lion's Head	Pennan Head	2017	442	592
Troup, Pennan and Lion's Head	Crovie to Collie Head	2017	839	1,124
Troup, Pennan and Lion's Head	More Head - Crovie Pier	2017	93	125
N/A	Head of Garness	2017	81	109
N/A	Redhythe Point	2017	30	40
N/A	Garron Point	2017	16	21
N/A	Greg Ness - Seals Hole	2017	1	1
N/A	Cove Bay	2017	145	194
N/A	Cove to Hare Ness	2017	151	202
N/A	Hare Ness to Seal's cove	2017	254	340
N/A	Sands of Forvie	2019	148	198
Pentland Firth Islands	Pentland Firth Islands	2021	382	512
Fair Isle	N/A	2021	1,217	1,631
East Caithness Cliffs SPA	N/A	2016	30,042*	40,256
North Caithness Cliffs SPA	N/A	2016	3,503**	4,694

Copinsay	Copinsay	2015	525	704
Copinsay	Corn Holm	2015	14	19
Copinsay	Ward Holm	2015	32	43
Copinsay	Black Holm	2015	10	13
N/A	Burwick - Sandwick	2016	16	21
N/A	Windwick-Burwick	2021	96	129
N/A	Horse of Copinsay	2015	92	123
Regional Breeding Population				63,095

¹applying Harris *et al.*, (2015) correction factor x 1.34 for total adult breeding numbers, *Counts from Swann (2016) SNH report, **Counts from Swann (2018) SNH report.

Table 5 Breeding colony counts for puffin.

SPA	Smaller Site	Date	SMP Database Counts (IND)	Breeding Individuals
East Caithness Cliffs	N/A	2016	189*	189
North Caithness Cliffs	N/A	2016	3,053**	3,053
Hoy	Hoy RSPB reserve	2017	178	178
Hoy	Old Man of Hoy to Rora	2017	4	4
Hoy	HOY 5	2017	2	2
Hoy	HOY 7	2017	94	94
Hoy	HOY 8	2017	78	78
Hoy	HOY 17	2016	4	4
Hoy	HOY 29	2017	1	1
Fair Isle	N/A	2015	6,666	6,666
Forth Islands	The Lamb	2021	777***	1,554
Forth Islands	Bass Rock	2018	685***	1,370
Forth Islands	Craigleith	2018	2,640***	5,280
Forth Islands	Fidra	2018	1,000***	2,000
Forth Islands	Inchmickery RSPB	2022	25	25
Noss	N/A	2017	1,174	1,174
Sule Skerry and Sule Stack	N/A	2018	47,742***	95,484
Cape Wrath	Clo Mor 8	2018	255	255
Cape Wrath	Clo Mor 9	2018	1,509	1,509
Cape Wrath	Clo Mor 10	2018	360	360
Cape Wrath	Clo Mor 11	2018	110	110
Cape Wrath	Cape Wrath 4	2018	10	10
Foula	N/A	2016	6,351	6,351
Buchan Ness to Collieston Coast	N/A	2019	170	170

Troup, Pennan and Lion's head	Pennan Head	2017	21	21
Troup, Pennan and Lion's head	Troup and Lion's Head RSPB	2017	9	9
Fowlsheugh	Tremuda/ Old Hall Bay	2018	4	4
Fowlsheugh	Fowlsheugh RSPB	2018	23***	46
Fowlsheugh	Swallow Cove- Crawton	2018	7	7
Fowlsheugh	Thornyhive	2018	4	4
North Rona and Sula Sgeir	North Rona	2021	2,232	2,232
North Rona and Sula Sgeir	Sula Sgeir	2021	54	54
Pentland Firth Islands	Muckle Skerry	2016	1,984***	3,968
Pentland Firth Islands	Swona	2016	289***	578
Copinsay	Copinsay	2016	493***	986
Copinsay	Ward Holm	2015	210	210
Copinsay	Black Holm	2015	8	8
Auskerry	N/A	2016	223***	446
Rousay	Rousay 1	2016	1	1
Rousay	Rousay 2	2016	3	3
Rousay	Rousay 4	2016	45	45
Rousay	Rousay 5	2016	8	8
Rousay	Rousay 6	2018	10	10
Rousay	Rousay 7	2016	10	10
Rousay	Rousay 8	2016	1	1
Rousay	Rousay 11	2016	12	12
Rousay	Rousay 12	2016	9	9
Rousay	Rousay 13	2016	2	2
West Westray	West westray 7	2017	7	7
West Westray	West westray 6	2017	11	11
West Westray	West westray 5	2017	8	8

West Westray	West westray 1	2017	1	1
West Westray	Noup Cliffs RSPB	2017	17	17
North Hill and Holm	North Hill RSPB	2019	26	26
Noss	N/A	2017	1,174	1,174
Sumburgh Head	Grutness Pier to Greystane Geo	2021	1	1
Forth Islands SPA	Forth Islands SPA	2017	39,200***	78,400
N/A	Whiting Ness to Ethie Haven 8	2018	3	3
N/A	Whiting Ness to Ethie Haven 7	2018	6	6
N/A	Auchmithie	2018	5	5
N/A	Whiting Ness to Ethie Haven 4	2018	6	6
N/A	Garron Point	2017	16***	32
N/A	Ushat Head 1	2016	4	4
N/A	St John's Point	2015	5	5
N/A	Stroma Island	2016	17	17
N/A	Hare Ness to Seal's cove	2017	7	7
N/A	Inchcolm	2021	10	10
N/A	Seal's cove to Findon Ness	2017	7	7
N/A	Findon Ness to Black Slough	2015	2	2
N/A	Black Slough to Burn of Daff	2017	2	2
N/A	Newtonhill - May Craig	2017	3	3
N/A	Doonie Point to Hall Bay	2017	1	1
N/A	Old Hall Bay- Castle Haven	2018	1	1
N/A	The Slainges	2017	5	5
N/A	Rounen Bay	2017	2	2

N/A	Whistleberry	2017	3	3
N/A	Inchkeith	2019	1,010	1,010
N/A	Windwick to Burwick	2016	7	7
N/A	The Altar - Quindry	2021	16	16
N/A	Hoxa Head	2016	1	1
N/A	HOY 06 - tysties	2016	2	2
N/A	HOY 04 - tysties	2016	1	1
N/A	HOY 05 - tysties	2016	1	1
N/A	HOY 03 - tysties	2016	5	5
N/A	South Walls	2016	1	1
N/A	HOY 01 - tysties	2016	25	25
N/A	HOY 02 - tysties	2016	63	63
N/A	Switha	2019	21	21
N/A	Flotta 6	2019	4	4
N/A	Flotta 5	2019	2	2
N/A	Cava	2018	1***	2
N/A	Deerness 4	2016	1	1
N/A	Mull Head	2018	2	2
N/A	Shapinsay 9	2016	6	6
N/A	Shapinsay 10	2016	3***	6
N/A	Grid square HY2217	2018	5	5
N/A	Grid square HY2221	2018	1***	2
N/A	Burgh Head 2	2018	1	1
N/A	Muckle Green Holm	2018	33	33
N/A	Marwick Head	2016	1	1
N/A	Brough of Birsay	2017	5	5
N/A	Skipi Geo to Whitaloo Point	2021	3	3
N/A	Whitaloo Point to Loop of Cruie	2021	35	35
N/A	Costa Head	2018	19	19

N/A	Costa Hill Cliffs	2018	4***	8
N/A	Eynhallow	2018	26	26
N/A	Sunday 5	2017	8	8
N/A	Calf of Eday	2018	1	1
N/A	Eday 4	2018	1	1
N/A	Eday 5	2018	39	39
N/A	Eday 6	2018	1	1
N/A	Eday 20	2018	6	6
N/A	Castle of Burrian	2016	271	271
N/A	Westray 6	2016	56	56
N/A	Holm of Papa Westray	2019	4	4
N/A	Papa Westray 1 - Tysties	2016	25	25
N/A	Vaila	2016	45	45
N/A	Little Loch to Eswick Holm	2017	4	4
N/A	Hoo Stack	2017	3	3
N/A	Burga Stacks to Caves	2016	7	7
N/A	Giltarump Stack	2016	1	1
N/A	West of the New - Stead of Culswick	2016	8	8
N/A	Westerwick to West of the Nev	2016	3	3
N/A	The Nev	2017	1	1
N/A	Sanda Stour	2017	1	1
N/A	Cheynies	2017	1	1
N/A	Oxna	2017	4	4
N/A	Ness of Setter to Broch of Burreland	2021	5	5
N/A	Geos of the Veng	2019	1	1
N/A	Bannaminn to Croo Geo	2016	2	2
N/A	South havra	2016	10	10

N/A	Taing of Maywick to Maywick Bay	2016	1	1
N/A	Maywick to Holms Geo	2016	5	5
N/A	Griskerry to Taing of Maywick	2016	40	40
N/A	Quinni Geo o Boats Noost	2017	8	8
N/A	St Ninian's Isle	2016	34	34
N/A	Hich Holm	2016	8	8
N/A	Colsay	2016	93	93
N/A	Cloki Stack to Peerie Voe	2016	2	2
N/A	Whale Stack to Cloki Stack	2016	8	8
N/A	Kame to Corbie geo	2017	5	5
N/A	Stack o' da Noup to Kame	2017	8	8
N/A	Stack o da Noup	2016	28	28
N/A	Scarfi Taing to Noup o' Noss	2017	36	36
N/A	Landvillas to Scarfi Taing	2017	7	7
N/A	Faraid Head 2	2019	5	5
N/A	Faraid Head 3	2021	1	1
N/A	Faraid Head 4	2021	54	54
N/A	Faraid Head 5	2018	10	10
N/A	Eilean nan Ron while island	2021	2	2
N/A	Strathy 1	2016	15	15
				216,364

*Counts from Swann (2016) SNH report, **Counts from Swann (2018) SNH report, *** AON counts multiplied by 2.

Table 6 Breeding colony counts for great black-backed gull.

SPA	Smaller Site	Date	SMP Database Counts (AON)	Breeding Individuals
East Caithness Cliffs	N/A	2016	266*	532
Loch of Strathbeg	N/A	2021	1	2
Regional Breeding Population				534

*Counts from Swann (2016) SNH report.

Table 7 Breeding colony counts for herring gull.

SPA	Smaller Site	Date	SMP Database Counts (AON)	Breeding Individuals
Buchan Ness to Collieston Coast SPA	N/A	2017	3,115	6,230
St Fergus Gas Terminal	N/A	2021	25	50
Rosehearty	N/A	2017	33	66
Sandhaven	N/A	2017	1	2
Regional Breeding Population				6,348

2. References

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