

APPENDIX: B.1

Natural Heritage Sites in the Orkney Islands

Abbreviations

SSSI:	Site of Special Scientific Interest (notified under the Wildlife and Countryside Act 1981)
SPA:	Special Protection Area (EC Wild Bird Directive (79/ 409/ EEC)
pSPA:	proposed Special Protection Area
RAMSAR:	internationally important wetland site
NCR:	Nature Conservation Review Site- nationally important biological sites
NSA:	National Scenic Area
RSPB Reserve:	Royal Society for the Protection of Birds Reserve
SAC:	Special Area of Conservation (EC Habitats and Species Directive (92/ 43/ EEC)
GCR:	Geological Conservation Review site- nationally important Earth Science Sites
LNR:	Local Nature Reserve
BBP:	British Breeding Population

BIRSAY

SITE	DESIGNATION	AREA HA	INTEREST
Glims Moss and Durkadale	SPA/ SSSI/ NCR/ RSPB Reserve (part)	225.3	Raised mire and most northerly example of a calcareous valley mire in Britain.
Kirbuster Hill	local site ornithological	25	Heather Moorland
Loch of Banks	SSSI/ RSPB Reserve	44	Basin Mire complex of ornithological & botanical interest. Hen harrier.
Loch of Boardhouse	Local Nature Conservation Site	na	Breeding record for Red-throated Diver; wintering wildfowl
Loch of Hundland	local site ornithological	183	Loch, Wet heath and wetland. Important for passage waders
Loch of Isbister and the Loons	SAC / SSSI/ RSPB Reserve	104	Basin Mire complex of botanical and ornithological interest.
Loch of Sabiston	local site ornithological	41	Loch and wetland margins
Marwick Head	SPA/ SSSI / NCR/ RSPB Reserve	9.1	One of three biggest seabird colonies in Orkney (4% of BBP Guillemots, 2% of BBP Razorbill)
Point of Buckquoy,	local site geological	31.6	Unique exposure demonstrates consequences of oscillation in the level of the Orkney Lake during Sandwick Fish Bed times
Tufta, Loch of Boardhouse	local site ornithological	15	Wetland
Unigarth	local site ornithological	13	Wet grassland
Whitaloo Point	local site geological	0.61	A typical monoclinial fold in Upper Stromness Flags

EDAY

SITE	DESIGNATION	AREA HA	INTEREST
Doomy and Whitemaw Hill	SSSI	209	Sub-montane heath supporting Whimbrel & Arctic Skua both at nationally important levels
Greenan Nev Coast,	local site geological	6	Exposure of Eday marls of interest in the study of Palaeo environments
Loch of Doomy	local site ornithological	20	Loch and dune system
Loch of London	local site ornithological	12	Wet grassland and heather moorland
Mill Loch	SSSI	23.7	Dense breeding concentration of Red Throated Diver.
Red Head	local site ornithological	111	Moorland and coastal heath
Newbiggin to Neven Point,	local site geological	22.7	Good section of the western limb of the Eday Syncline
Sealskerry	local site ornithological	28	Dunes, Coastal grassland & reverted grassland
South Fersness Bay,	local site geological	15.4	Good section of the western limb of the Eday Syncline
Ward Hill	local site ornithological	179	Moorland habitat

EVIE & RENDALL

SITE	DESIGNATION	AREA HA	INTEREST
Burn of Ellibister, Rendall	local site ornithological	16	Low lying wet Heathand fen. Important for hunting raptors
Burns of Blubberdale & Bluebraes, Rendall/ Firth	local site ornithological RSPB Reserve (part)	264	Low lying wet Heathand fen. Important for hunting raptors
Loch of Brockan, Rendall	local site ornithological	17	Lochan important for wintering wildfowl
Loch of Vastray, Rendall	local site ornithological	2	Small shore- side loch, otter have been present.
North Mainland Coast	local site ornithological	na	wintering waders
Oyce of Isbister	local site ornithological	10	Area of saltmarsh and rough grassland, important for wintering wildfowl and waders
Peerie Water, Evie	local site ornithological	30	Loch and heather moorland
Quoyhenry, Rendall	local site ornithological	10	Low lying wet Heathand fen. Important for hunting raptors
Sands of Evie	local site geological	0.27	Outcrops of Aeolianite unique in Scotland
West Mainland Moorland	SPA/ SSSI/ NCR / RSPB Reserve (part)	2523	Sub- Montane moorland. Wet & dry heaths with extensive blanket bog. Red-throated Diver and Short Eared Owl. Nationally important Hen Harrier Site.

FIRTH & SUNNYBRAE

SITE	DESIGNATION	AREA HA	INTEREST
Barebrecks, Firth	local site ornithological	62	Low lying wet Heath and fen. Important for hunting raptors

Binscarth, Firth	local site botanical	3.25	Broadleaved plantation
Burns of Blubberdale and Bluebraes, Rendall / Firth	local site ornithological RSPB Reserve (part)	264	Low lying wet Heath and fen. Important for hunting raptors
Hedde, Firth	local site botanical	58	Heath and willow scrub
Hewing, Firth	local site ornithological	11	Low lying wet Heath and fen. Important for hunting raptors
Keelylang Hill and Swartabeck Burn	SPA/ SSSI	925.6	Nationally important moorland. Ornithological interest (2% of BBP of Hen harrier, 1% of BBP of Merlin)
Loch of Wasdale, Firth	local site ornithological	28	Low lying wet heath & heather
North Mainland Coast	local site ornithological local nature conservation importance (1) & (2)	na	wintering waders
Rennibister, Firth	local site ornithological	9	Area of rank grazing.
Rossmyre, Firth	local site ornithological	13	Wet Moorland dominated by heather
The Ouse and Hedde, Firth	local site botanical	71.3	Saltmarsh, Wet Moorland dominated by Heather. Important area for hunting raptors
Wideford Hill, St Ola	local site ornithological	199	Large hilltop area of heather moorland with, in places extensive stands of <i>Juncus</i> spp.

GRAEMESAY, HOY & FLOTTA

SITE	DESIGNATION	AREA HA	INTEREST
Berry Lochs, Hoy	local site ornithological	na	
Bring Head, Hoy	local site botanical	na	"Undercliff" with residual native woodland
Bu, Moaness, Hoy	local site botanical	na	Native woodland
Burn Of Ore, Hoy	local site botanical	na	Botanically rich fen
Calf of Flotta	local site botanical	na	Woodland understory vegetation
Hap, Graemesay	local site botanical	na	Dune and Machair
Hill of White Hamars	SWT reserve, local site botanical	71.5	Coastal Heaths and grasslands. Lichen Rich Heaths.
Hoglins Water, Hoy	local site ornithological	na	
Hoy	SSSI / SPA/ SAC/ RSPB Reserve (part)/ NCR/ GCR/ NSA (part)	9499.9	geology, geomorphology, great skuas, red throated divers, > 20000 seabirds, wet & montane heath, petrifying tufa springs, woodland, moorland birds, upland heaths
Hoy and West Mainland	NSA	c15,000	Landscape.
Hoy Lodge Marsh	local site botanical	na	Marsh and small loch
Lyrawa bay, Hoy	local site botanical	na	Saltmarsh
Lyrawa Plantation, Hoy	local site ornithological	na	

Melsetter Coast section, Hoy	local site geological	na	Outcrops of the Hoy Lavas
Melsetter Links, Hoy	local site botanical	na	Machair and Dune
Mill Burn and Mill Bay,	local site botanical	na	Saltmarsh
Muckle Head and Selwick	SSSI/ GCR / NSA (part)	1.7	Geological site due to locally important raised beach deposits
North and South burns of Quoys	local site botanical	na	Native woodland, Orchid colony
North Coast of Graemsay	local site geological	na	Exposure of the lower section of the Stromness Flags and Crystalline basement
North Hoy Coast	local site geological	na	Exposures of the Hoy Volcanics and the Hoy Sandstone in their type area
Pegal Glen, Hoy	local site botanical	na	Native scrub woodland
Quoy, South Walls	local site ornithological	9	Fragment of heath with rough grassland and a small pool.
Quoys Glen	local site botanical	na	Native Scrub woodland
Rottenloch, Hoy	local site ornithological	na	
Rysa Bay	local site botanical	na	Reedbeds
The Pinnacles, Hoy	local site botanical	na	Native woodland
Wastlee Moor, Hoy	local site ornithological	na	
Whaness Burn, Hoy	local site botanical	na	Native scrub woodland
Witter and Bu Hill, Hoy	local site ornithological	na	
West Hill & Golta	local site ornithological	325	Heather Moorland

HARRAY & STENNESS

SITE	DESIGNATION	AREA HA	INTEREST
Anderswick, Stenness	local site ornithological	45	Moderately grazed wet moorland. Important area for feeding raptors.
Bigswell, Stenness	local site ornithological	71	Moderately grazed wet moorland. Important area for feeding raptors.
Breckan, Harray	local site ornithological	22	Wetland favoured by migrant waders and wintering wildfowl
Lochs of Harray and Stenness	SSSI/SAC (Loch of Stenness)/ c RAMSAR (under review)/ NCR	1930 (792 cSAC)	Lochs which exhibit unique salinity gradient and vegetation community. Important for wintering wildfowl.
Brogar, Loch of Harray	local site ornithological	16	Wetland favoured by migrant waders and wintering wildfowl
Harray Road End, Moorside Stenness	SWT reserve (part) Local Ornithological site	28	Low lying wet heath and heather
Hoy and West	NSA	c15,000	Landscape

Mainland			
Kirk Quoy, Loch of Harray, Harray	local site ornithological	2	Wetland favoured by migrant waders and wintering wildfowl
Knowes of Trotty, Harray	local site ornithological	16	Low lying wet heath and Heather
Loch of Bosquoy, Harray	local site ornithological	59	Medium sized loch with associated margin & wet grassland. Important for wintering wildfowl
Neterborough, Harray	local site ornithological	19	Wetland favoured by migrant waders and wintering wildfowl
Orphir and Stenness Hills	SPA/ SSSI	890.4	Ornithological and Botanical interest including 3% of BBP of Hen Harrier and dwarf shrub, deer grass and lichen heath communities.
Quoyer, Loch of Harray, Harray	local site ornithological	17	Wetland favoured by migrant waders and wintering wildfowl
Reed Meadow, Loch of Harray, Sandwick	local site ornithological	10	Wetland favoured by migrant waders & wintering wildfowl
Setter, Harray	local site ornithological	76	Low lying wet heath and Heather
Stenness Kirk, Loch of Harray	local site ornithological	5	Wetland favoured by migrant waders and wintering wildfowl
The Shunan, Harray	local site ornithological	17	Loch complex surrounded by rough grassland and heather
West Mainland Moors SSSI Fringes	local site ornithological	498	The main moorland area omitted from the SSSI is on its western margins. Areas of blanket bog and heather moorland.

HOLM & WIDFORD

SITE	DESIGNATION	AREA HA	INTEREST
Blown, Tankernes	local site ornithological	21	Moorland and Bog. Important for hunting raptors
Breckquoy, Holm	local site ornithological	153	Moorland and Bog. Important for hunting raptors
Culdigeo, Holm	local site ornithological	89	Moorland and Bog. Important for hunting raptors
Gaitnip Hill, Holm	local site ornithological	120	Moorland and Bog. Important for hunting raptors
Heathery Howes, Holm	local site ornithological	221	Moorland and Bog. Important for hunting raptors
Loch of Ayre, Holm	local site ornithological	9	Loch with wetland. Important for wintering wildfowl
Loch of Graemshall, Holm	local site ornithological	17	Loch with reed bed. Important for migrants, feeding terns and gulls
Rose Ness, Holm	local site ornithological	63	Coastal heath, heather moor and rough grassland
Swart Howe, Holm	local site ornithological	101	Moorland and Bog. Important for hunting raptors

The Loons, Holm	local site ornithological	9	Wetland
White Moss	local site ornithological	40	Moorland and Bog. Important for hunting raptors
Widford Burn, St Ola	local site ornithological	60	Area of wetland and scrub woodland important for attracting migrants

NORTH RONALDSAY

SITE	DESIGNATION	AREA HA	INTEREST
Ancum loch	local site ornithological	6	Loch with wet grassland
Bride's Ness	local site ornithological	13	Overgrown loch and wet grassland
Gretchen Loch	local site ornithological	24	Loch and grazed grassland
Hooking Loch	local site ornithological	9	Overgrown Loch
Kirbist	local site ornithological	1.5	Marsh area
Loch of Garso	local site ornithological	3	Loch with marginal wet grassland
Whole Island	local site of nature conservation importance		
North Ronaldsay Coast	local site ornithological		black guillemot and wintering waders

ORPHIR & SCAPA

SITE	DESIGNATION	AREA HA	INTEREST
Akla, Orphir	local site ornithological	75	Heather moorland, wetter areas dominated by Juncus
Berryhill, St Ola	local site ornithological	15	Heavily grazed heather moorland
Brig 'o' Waithe	local site ornithological	21	Complex site of Estuarine & lochside habitat
Burn of Greenigoe, Orphir	local site ornithological	54	Heavily grazed heather moorland
Hill of Midland, Orphir	local site ornithological	57	Heather Moorland
Hoy and West Mainland	NSA	15,000	landscape
Keelylang Hill and Swartabeck Burn	SPA/ SSSI/ RSPB Reserve (part)/ NCR	925.6	Nationally important moorland. Ornithological interest (2% of BBP of Hen harrier, 1% of BBP of Merlin)
Loch of Kirbister, Orphir	local site ornithological	3	Lightly grazed wetland
Longhouse, St Ola	local site ornithological	20	Wetland dominated by Willow scrub. Important roost for migrant species
Orphir and Stenness Hills	SPA/ SSSI	890.4	Ornithological and Botanical interest including 3% of BBP of Hen Harrier and dwarf shrub, deer grass and lichen heath communities.
The Fidge, Swanbister	local site ornithological	33	Salt marsh and fresh water marsh. Dense stands of Iris and Juncus spp.
Tuskerbister, Orphir	local site ornithological	65	Moderately grazed wet moorland. Important area for feeding raptors.

Waulkmill	SSSI/ RSPB Reserve (Part)	71	Wide range of Nature conservation interest. Sandflat, Saltmarsh Herb rich low cliffs & heather heath. Botanical & lepidopteral interest
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PAPA WESTRAY

SITE	DESIGNATION	AREA HA	INTEREST
Backskaill	Local site ornithological	3	Wetland
Hookin	local site ornithological	1	Wetland
Links of Moclett	local site botanical	na	Dune Grassland
Loch of Ness	Local site ornithological	6	Wetland
Loch of St Tredwell	local site ornithological	50	Loch with marginal wetlands
Loch of Via	local site ornithological	2	Large iris bed with open water
Mayback	local site ornithological	4	Wetland
North Hill	SPA/ SSSI/ RSPB Reserve/ NCR	206	Regionally important maritime heath vegetation community. Arctic Tern & Arctic Ski. Ornithological importance (4% of BBP of Arctic Skua)
Wellpark	local site ornithological	4	Wetland

ROUSAY, EGILSAY & WYRE

SITE	DESIGNATION	AREA HA	INTEREST
Maeness, Egilsay	local site botanical	6	Rich Wetland habitat
Loch of the Graand, Egilsay	local site ornithological	6	Lochs with wet grassland
Warsett, Egilsay	local site ornithological	2	Grassland with marsh
Loch of Wasbister, Rousay	local site ornithological	42	Loch with unimproved marginal fringe, wet grassland.
Lochs of Watten & Welland, Egilsay	local site ornithological	6	Marshland site around two lochs
Manse loch, Egilsay	local site ornithological	10	Loch with wet marsh
Rousay	SPA (part)/ SSSI/ RSPB Reserve (part)	2313 (633.4 pSPA)	Ornithological and Botanical interest. Maritime & wet heath, Heather dominated moorland & high altitude plant communities. Arctic tern colony (15% of BBP) Arctic Skua Population (3% of BBP) Hen Harrier (2% of BBP)
The Taing, Wyre	local site botanical	15	Area of rough grazing
Trumland, Rousay	local site botanical	4.8	Broad leaved plantation
Whitelett, Egilsay	local site ornithological	5	Marshy grassland.

SANDAY

SITE	DESIGNATION	AREA HA	INTEREST
Backaskail, Sanday	local site ornithological	3	Small wetland area with dense iris beds
Bea Loch, Sanday	local site ornithological	67	Loch with reedbeds
Central Sanday	SSSI/ GCR	654.7	Machair and other blown sand shingle landforms unique in North Scotland. Botanical and Ornithological interest
Colli Ness, Sanday	local site ornithological	27	Area of Saltmarsh and shingle spit Important hunting area for raptors
Doun Helzie, Sanday	local site geological	89.8	Beach Dune and Machair association
East Sanday Coast	SSSI/ SPA(1515ha)/ RAMSAR	1607.3	Wintering waders (purple sandpiper, turnstone), common seal.
Grunavi Head, Sanday	local site ornithological	12	Small area of degraded moorland.
Hegglic Ber, Sanday	local site geological	9.4	Coarse pebbly and conglomeratic facies of Lower Eday Sandstone
Lochend	local site ornithological	6	Small area of marsh, dominated by Iris, marestalk and bog bean.
Mires of Whip, Sanday	local site ornithological	3	Wetland
Northwall	SSSI	251.3	Botanically diverse Machair . Largest extent of machair outside the Western isles
Roos Loch, Sanday	local site ornithological	20	Loch with stoney shoreline bordered by rough grassland
Sanday	SAC (marine)	10971.7	Common seal
Scar, Sanday	local site geological	na	Glacial erratic
Spaney Geo, Sanday	local site ornithological	17	Relict area of rank grass and short heather.
Start Island, Sanday	local site ornithological	24	Small tidal island dominated by grassland but with a small wetland.
Taft's Ness	local site ornithological	86	Rough grassland with small pools and wet areas.
Westbrough, Sanday	local site ornithological	7	Wetland with open water
Whitemill Sanday	local site ornithological	106	Grazed machair type habitat with open water & reedbed. Important hunting area for raptors

SANDWICK

SITE	DESIGNATION	AREA HA	INTEREST
Bay of Skaill	SSSI/ GCR	7.85	Middle Devonian Fish beds with fossil plant community
Bookan Quarry, Sandwick	local site geological	0.38	Exposure of the Sandwick fish beds
Breck of Linqoy, Sandwick	local site ornithological	12	Wetland. Raptor hunting area

Brig 'o'Waiathe	local site ornithological	21	Complex site of Estuarine and lochside habitat
Burn of Cruland, Sandwick	local site ornithological	44	Heather moorland and wetland Raptor hunting area
Burn of Ess, Sandwick	local site ornithological	14	Wet grassland and Heather
Cruaday Quarry	SSSI/ GCR	6.8	Outstanding geological importance due to preservation of the fossil bearing rock known as "sandwick fish beds"
Decca Station, Loch of Harray, Sandwick	local site ornithological	25	Wetland favoured by migrant waders and wintering wildfowl
Deepdale, Loch of Stenness, Sandwick	local site ornithological	26	Wetland with rough grassland and willow scrub
Hestwall, Sandwick	local site ornithological	20	Wetland
Hoy & West Mainland	NSA	c15,000	Landscape
Loch of Clumly, Sandwick	local site ornithological	38	Loch with extensive marginal wetlands. Important for wintering wildfowl
Loch of Rosemire	local site ornithological	3	Small loch and wet grassland
Loch of Skail	local site ornithological	77	Small loch with marginal wetland. Important for overwintering wildfowl
Lyking Quarry, Sandwick	local site geological	0.58	Exposure of Sandwick Fish Beds
Mill Dam of Rango	local site ornithological	13	Small loch with marginal wetland
Orr Shun, Sandwick	local site ornithological	23	Wet grassland and Heather
Quholm, Sandwick	local site ornithological	26	Wetland with rough grassland and willow scrub
Scarwell Quarry, Sandwick	local site geological	0.01	Exposure of Sandwick Fish Beds
Southerquoy, Sandwick	local site ornithological	69	Small marsh, maritime heath.
Stones of Via, Sandwick	local site ornithological	4	Wetland
Stromness Heaths and Coast	SAC/ SSSI/ GCR/ NCR / NSA (part)	755	Prime example of coastal vegetation communities with associated breeding birds. Notable <i>Primula scotica</i> colonies. Coastal Geomorphology
Wester Voy, Loch of Stenness, Sandwick	local site ornithological	2	Wet Marginal lochside.

SHAPINSAY

SITE	DESIGNATION	AREA HA	INTEREST
Ayre of Vasa	local site geological	13.1	Complex cusped foreland
Lairo Water and the Ouse	local site ornithological	26	Inter tidal sand and mud, saltmarsh and coastal grassland
Mill Dam	RSPB Reserve	15	Marshland
Swart Helligeo, East Hill	SWT reserve (part)	102	Marginal moorland, Coastal heath and marsh
The Galt	local site ornithological	15	Area of degraded maritime heath.
Vasa Loch, Shapinsay	local site ornithological	7	Lochs with wet Grassland
Veantraw Bay,	local site geological	17.9	Complex of shingle depositional landforms

SOUTH RONALDSAY & BURRAY

SITE	DESIGNATION	AREA HA	INTEREST
Aikers, South Ronaldsay	local site ornithological	14	Open water and grazed wetland
Ayre of Cara, South Ronaldsay	local site geological	na	Provides opportunity for study of rates of accretion and erosion due to the construction of the Churchill Barriers
Barth Head, South Ronaldsay	Local Nature Conservation Site	na	Coastal / maritime heath
Blows Moss, South Ronaldsay	local site ornithological	20	Wetland. Important hunting area for raptors
Burwick loch, South Ronaldsay	local site ornithological	6	Wetland with no open water
Cleat, South Ronaldsay	local site botanical	na	Coastal maritime heath from Sandside to Lay Taing
Croo Stone Vent coast section, South Ronaldsay	local site geological	na	Largest and most complex vent to be found in Orkney
Dale Moss, South Ronaldsay	local site ornithological	20	Heather Moorland and wetland. Important raptor hunting area
Dam of Collie, South Ronaldsay	local site ornithological	7	Grazed wetland. Hunting area for short eared owls
Dam of Hoxa, South Ronaldsay	local site ornithological	78	Open water and rough grassland with marsh
Echna Loch	Local Nature Conservation Site	na	Breeding Wigeon; wintering wildfowl
Glimps Holm	Local Nature Conservation Site	na	Arctic Tern colony; Common Gull colony
Graemston Loch, South Ronaldsay	local site ornithological	8	Loch and marginal wetland with willow scrub
Green Head, South Ronaldsay	Local Nature Conservation Site	na	Maritime heath

Grim Ness, South Ronaldsay	local site ornithological	42	Heavily grazed heather dominated headland
Herston Bay	local site ornithological	na	wintering waders
Honeysgeo, South Ronaldsay	local site botanical	na	Dunes
Hoston Bay, South Ronaldsay	Local Nature Conservation Site	na	Heath with Juniper
Hoxa Dam South Ronaldsay	local site botanical	na	Wetland
Hoxa, South Ronaldsay	local site geological	na	Composite depositional structure
Hunda, Burray	local site ornithological	83	Degraded grassland and heather moorland.
Klondyke, Burray	local site ornithological	105	Degraded heather moorland, areas of wet heath with cotton grass and <i>Juncus</i> spp.
Liddel Loch, South Ronaldsay	local site ornithological	14	Loch and wet rough grassland and maritime heath. Important for wintering wildfowl
Loch of Lythe, South Ronaldsay	local site ornithological	6	Small loch with surrounding Wetland. Important for wintering wildfowl
Newark Bay, South Ronaldsay	local site botanical	na	Dune and machair
No 4 Barrier	local site botanical	na	Very high botanical interest
Sandy Hill, South Ronaldsay	local site botanical	na	Heath with Juniper
North Links, Burray	local site ornithological	130	Machair like habitat and sand dune with marsh
Sounds Loch, South Ronaldsay	local site ornithological	33	Wet rough grassland
Old Head to Halcro Head, South Ronaldsay	local site geological	na	Shows relationship of coastal morphology to geological structure.
South Links, Burray	Local Nature Conservation Site	na	Wintering waders; seal haul out; Orkneys only site for Dark Green Fritillary
Sutherlands Links, Burray	Local Nature Conservation Site	na	Major site for <i>Bombus distinguendus</i>
The Altar, South Ronaldsay	local site geological	na	Demonstrates the influence of jointing on the resultant coastal landforms
Vensilly Hill, South Ronaldsay	local site botanical	na	Wetland
Ward Hill (3 separate sites)	Local Nature Conservation Site	na	Upland and maritime heath; breeding sea, moorland and wetland birds
Ward Hill Cliffs	SSSI	35.57	Floristically rich cliff top plant communities. Breeding Grey seals.
Ward Hill, South Ronaldsay	local site botanical	na	Species Rich Heath
Weddell Point	Local Nature Conservation Site	na	Arctic Tern colony; Little Tern breeding site
Windbrek, South Ronaldsay	local site botanical	na	Bog

ST. ANDREWS & DEERNESS

SITE	DESIGNATION	AREA HA	INTEREST
Bay of Suckquoy, Toab	local site botanical	28.5	Saltmarsh
Braebuster Ness, Deerness	local site ornithological	6	Headland with wetland and open water
Denwick	SSSI/ GCR	0.5	Geological site. Best example of a multiple till section in Orkney
Eves Loch, Deerness	local site ornithological	9	Wetland with open water
Greenock, Tankerness	local site ornithological	56	Wet heath and Grassland
Head of Work, St Ola	local site ornithological	37	Heavily grazed maritime heath
Kirkwall airfield, St Ola	local site ornithological	18	Heather and grassland. Important raptor hunting site
Loch of Carness, St Ola	local site ornithological	17	Small loch and associated wetland
Loch of Lakequoy, Tankerness	local site ornithological	15	Coastal wetland and lagoon, important for wintering and migrant waders
Loch of Ouse, Deerness	local site ornithological	27	Wetland with open water
Loch of Tankerness, Tankerness	local site ornithological	84	Loch and wetland margins. Important to wintering wildfowl
Loch of Yinstay, Tankerness	local site ornithological	23	Loch with two areas of rank grassland.
Mirkady Point, Deerness	local site ornithological	15	Shingle spit. Also of Geomorphological importance
Mossclair, Tankerness	local site ornithological	8	Wet heath and Grassland
Mull Head	LNR	na	Botanical, ornithological and geomorphological interest
Newbiggin, Tankerness	local site ornithological	7	Coastal wetland and lagoon, important for wintering and migrant waders
Point of Ayre, Deerness	local site geological	na	Area of basaltic lava flow.
Sebay, Toab	local site ornithological		Saltmarsh
South Coast of Deerness	local site geological	51.6	Section showing transition from Rousay Flag series to Lower Eday Flag series.
Swarsquoy, Tankerness	local site botanical	14.8	Saltmarsh and unique double Ayre of Geomorphological importance
Rerwick Head, Tankerness	Local Nature Conservation Site	na	Major site for <i>Bombus distinguendus</i>
Tarracliff, Deerness	local site geological	31.8	Section showing transition from Rousay Flag series to Lower Eday Flag series.
Veddertownmail, Tankerness	local site ornithological	9	Area of wet heath and grassland

Wideford Burn, St Ola	local site ornithological	60	Area of wetland and scrub woodland important for attracting migrants
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STROMNESS

SITE	DESIGNATION	AREA HA	INTEREST
Brunt Hill, Stromness	local site ornithological	70	Heavily grazed heather.
Hoy and West Mainland	NSA	5,000	Landscape
South Stromness Coast, Stromness	local site geological	na	Crystalline basement rock with overlying Stromness flags. Lead mineralization
The Loons, Stromness	local site ornithological	32	Wetland with rough grassland and willow scrub. Raptor hunting site

STRONSAY

SITE	DESIGNATION	AREA HA	INTEREST
Auskerry	SSSI/ SPA	101.97	Arctic terns and storm petrels.
Blan Loch, Stronsay	local site ornithological	22	Dune and Machair like grassland
Bleaching Knowe, Stronsay	local site ornithological	1	Small loch with marginal wetlands
Bruce's Loch Stronsay	local site ornithological	1	Small loch with marginal wetlands
Burgh Head	local site ornithological	47	Grassland and maritime heath.
Burial Ground Loch, Stronsay	local site ornithological	2	Small lochan with dry grassland
Cro Taing Loch, Stronsay	local site ornithological	2	Small loch with marginal wetlands
Grice Ness, Stronsay	local site ornithological	0.5	Small lochan with dry grassland
Kent's Pond	local site ornithological	1	Grassland and two small pools with little emergent vegetation.
Lea Shun, Stronsay	local site ornithological	51	Loch with wet margins, machair like grassland.
Little Water, Stronsay	local site ornithological	5	Rough grassland and wet marsh
Loch of Matpow, Stronsay	local site ornithological	6	Loch with wet grassland and marsh
Loch of Rothiesholm, Stronsay	local site ornithological	15	Freshwater loch and wetland favoured by migrant waders and wintering wildfowl
Miekle water, Stronsay	local site ornithological	48	Lochs with associated wetlands
Mill Bay, Stronsay	SSSI/ GCR	1.9	Geological: Classic shelly till with paleo-geomorphological

			importance.
Papa Stronsay	local site ornithological	82	Eutrophic loch and associated wetland.
Rothiesholm, Stronsay	local site ornithological	382	Heather dominated moorland
South east Stronsay	Local Nature Conservation Site	na	Ornithological interest
Straenia Water, Stronsay	local site botanical	na	Shingle Ayre and Freshwater Lagoon

WESTRAY

SITE	DESIGNATION	AREA HA	INTEREST
Ayre of Roadmire	local site ornithological	4	Small marsh and lochan with reed bed favoured by migrant waders and wildfowl
Fribo Marsh	local site ornithological	4	Marsh area, breeding ducks and waders
Loch of Burness, Westray	local site ornithological	26	Loch and wetland margins. Wetland favoured by migrant waders and wintering wildfowl
Loch of Garth, Westray	local site ornithological	13	Machair type grassland and wetland
Taftend, Westray	local site ornithological	7	Dry Marshland
Loch of Saintear, Westray	local site ornithological	16	Loch and wetland favoured by migrant waders and wintering wildfowl
Loch of Swartmill, Westray	local site ornithological	34	Loch with well developed marginal marshes
Loch of Tuquoy, Westray	local site ornithological	19	Machair type grassland
Mae Sand, Westray	local site botanical	na	Machair plain
South Westray Coast	local site ornithological site of local nature conservation importance	na	wintering waders
The Ouse, Westray	local site ornithological	1	Narrow shingle spit.
West Aikerness, Westray	local site ornithological	67	Dry maritime grassland with lochans
West Westray	SPA/ SSSI/ NCR/ RSPB reserve (part)	371.97	Seabird Colonies. Largest colonies of Guillemots & Kittiwake in the British Isles. Maritime grassland & Maritime sedge heath communities.

UNINHABITED ISLANDS

SITE	DESIGNATION	AREA HA	INTEREST
Calf of Eday	SPA/ SSSI	242	Nationally important cormorant colony; 3% of British breeding population. Seabird assemblage
Cava	local site ornithological	65	Low lying heather clad.
Copinsay	SPA/ SSSI/ RSPB Reserve	151.8	Nationally important populations of guillemots (4% of BBP) & Kittiwake (2% of BBP) Other ornithological & botanical interest
Damsay	local site ornithological	21	Important area for grey and common seals.
Eynhallow	SSSI	102.7	Ornithological site with history of study. Important common seal haul out.
Faray and Holm of Faray	SAC (marine) (785ha)/ SSSI	116.62	Important area for grey seals.
Gairsay Hill	local site ornithological	140	Heather moorland area which otters have frequented.
Holm of Papa Westray	SPA/ SSSI	47.6	Black Guillemot colony (1% of BBP) and other ornithological interest
Rysa Little	local site botanical	na	
Linga Holm	SWT reserve	56	Important for Grey Seals.
Muckle and Little Green Holm	SSSI	53	Nationally important grey seal breeding colony (3% of BBP)
Pentland Skerries	SPA/ SSSI	}168	Maritime grassland, and bare rock skerries. Large arctic tern colony.
Swona	SPA/ SSSI		Grassy island with feral cattle. Cliffs up to 25m. Arctic Terns
South Fara	local site ornithological	na	
Switha	SPA/SSSI	57.4	Barnacle Geese roost
Sule Skerry	SPA/ SSSI/ NCR	15.6	Puffin colony (12% of BBP) 2 % of BBP of Shags
Sule Stack	SPA/ SSSI/ NCR	3.3	Gannet Colony