

## Taxonomic List

### Noteworthy fauna

The site is a haul-out for Grey Seal (*Halichoerus grypus*) and Common Seals (*Phoca vitulina*).

The islands are amongst the most important breeding areas for several species of gulls and terns, holds the largest breeding population of Black Guillemot (*Cephus grylle*) in Denmark, and is the largest and one of the few breeding sites for Rock Pipit (*Anthus spinoletta*) in the country.

Most recent published and unpublished breeding survey results (Bregnballe et al. 2008, Jensen et al. 2009), DCE/NOVANA programme data.

	2004	2005	2006	2007	2008	2009
<b>Species</b>				(minimum)#	0	
<i>Phalacrocorax carbo sinensis</i>	1882	2299	1818	1616	1694	1178
<i>Cygnus olor</i>				0	1	
<i>Anser anser</i> *				6	0	
<i>Anas platyrhynchos</i> *				8	3	
<i>Tadorna tadorna</i> *				0	1	
<i>Somateria molissima</i> *				60	15**	
<i>Mergus serrator</i> *				3	1	
<i>Rallus aquaticus</i>				0	5	
<i>Recurvirostra avosetta</i>	1					0
<i>Haematopus ostralegus</i>				14	21	
<i>Vanellus vanellus</i>				0	0	
<i>Tringa totanus</i>				0	1	
<i>Arenaria interpres</i>				2	0	
<i>Larus argentatus</i>				3370	6520	
<i>Larus marinus</i>				612	869	
<i>Larus fuscus</i>				390	872	
<i>Larus canus</i>				50	83	
<i>Larus ridibundus</i>				3690	2876	
<i>Sterna sandvicensis</i>	878	1285	800	976	1120	1992
<i>Sterna paradisaea</i>	42	74	35	38	55	0
<i>Sterna albifrons</i>		1				0
<i>Cephus grylle</i>	662	771		860	1065	947,1
<i>Anthus spinoletta</i>				22	15	

# One of the five islands, Deget, was not counted in 2007, numbers are thus minimum values.

\* numbers for Anatidae probably generally underestimated, because counts were carried out at late spring (optimal count period for terns and gulls). \*\* probably 30 pairs in total

The site is a resting and feeding area, especially for seaducks.

Table giving the most recent information about staging waterbirds around Hirsholmene. Being an offshore site means that comprehensive surveys of the offshore parts only are carried out during country- wide aerial surveys, which are carried out at 3-4 year intervals (Petersen et al. 2006b, 2010). The remaining records tabulated below data randomly reported by volunteer birders visiting the island and typing data into DOFbasen.

**Migratory waterbirds:** Table giving the most recent information about staging waterbirds in the Ramsar site. Published and unpublished data from the NOVANA programme of the Ministry of Environment and DCE, supplemented with data from the Birdlife Denmark citizen science portal DOFbasen on migratory species of national responsibility (for details see Miljø- og Energiministeriet, Skov- og Naturstyrelsen 1999), and selected migrant species (e.g. some raptors and *Charadrius morinellus*) covered by the EEC Birds Directive Annex 1. Numbers given are annual maxima of the species listed. Counting intensity varies over the years. Note: 0 does not necessarily mean the species was absent – rather not counted/reported. Averages are thus computed based on years with numbers reported. Offshore species (\*) have been counted using transect surveys in 2004 and 2008. Numbers mentioned from 2004 are actual counted numbers, true numbers are probable 3-5 times higher (as demonstrated by Petersen et al. 2006b using spatial modelling for selected species). Numbers for 2008 have been spatially modelled (Petersen & Nielsen 2011).

Species \	Annual Maxima						Average	
	2004	2005	2006	2007	2008	2009		
<i>Gavia stellata</i>	0	0	0	0	1	0	1	
<i>Phalacrocorax carbo</i>	105	800	0	1	343	1500	550	
<i>Platalea leucorodia</i>	1	0	0	0	0	0	1	
<i>Cygnus olor</i>	0	0	2	3	5	2	3	
<i>Cygnus cygnus</i>	1	0	0	0	1	0	1	
<i>Anser brachyrhynchus</i>	1	0	0	0	0	0	1	
<i>Anser anser</i>	25	6	55	40	91	72	48	
<i>Branta leucopsis</i>	0	0	1	0	1	0	1	
<i>Branta bernicla bernicla</i>	0	0	0	0	175	245	210	
<i>Branta bernicla hrota</i>	0	0	0	4	0	0	4	
<i>Tadorna tadorna</i>	0	0	0	0	28	21	25	
<i>Anas penelope</i>	8	1	80	14	46	8	26	
<i>Anas crecca</i>	75	0	80	63	170	75	93	
<i>Anas platyrhynchos</i>	971	0	80	9	70	55	237	
<i>Anas acuta</i>	4	0	4	0	0	0	4	
<i>Anas clypeata</i>	0	0	20	2	0	4	9	
<i>Aythya ferina</i>	0	0	0	0	2	0	2	
<i>Aythya fuligula</i>	0	0	2	0	10	0	6	
<i>Somateria mollissima</i>	2388	4000	800	0	844	200	1646	*
<i>Clangula hyemalis</i>	0	0	0	0	0	0	0	*
<i>Melanitta nigra</i>	403	0	0	0	585	90	359	*
<i>Melanitta fusca</i>	0	1	0	0	45	1	16	*
<i>Bucephala clangula</i>	0	0	0	0	0	4	4	
<i>Mergus serrator</i>	36	20	0	18	126	10	42	
<i>Mergus merganser</i>	0	0	3	0	0	1	2	
<i>Circus cyaneus</i>	0	0	0	0	1	1	1	
<i>Falco columbarius</i>	0	0	0	0	1	0	1	
<i>Falco peregrinus</i>	1	0	1	0	1	2	1	
<i>Haematopus ostralegus</i>	2	0	0	0	7	0	5	
<i>Recurvirostra avosetta</i>	0	0	0	1	0	2	2	
<i>Pluvialis apricaria</i>	0	300	0	0	115	0	208	

<i>Calidris canutus</i>	0	0	0	26	0	2	14	
<i>Calidris alba</i>	0	0	20	15	25	25	21	
<i>Calidris alpina</i>	120	0	200	8	20	2	70	
<i>Limosa lapponica</i>	0	0	0	140	0	2	71	
<i>Tringa totanus</i>	21	30	19	3	17	7	16	
<i>Tringa nebularia</i>	0	2	0	8	3	2	4	
<i>Larus ridibundus</i>	0	0	0	0	180	0	180	
<i>Larus argentatus</i>	1022	0	0	0	1621	0	1322	
<i>Larus marinus</i>	0	0	0	0	30	0	30	

