

ID	Species	Location	Sea	Sampling date	Sample method	Age class	Sex	Necropsy
1	Harbour seal (<i>Phoca vitulina</i>)	Sylt, DE	NS	31.03.2017	rectal - death	adult	m	yes
2	Grey seal (<i>Halichoerus grypus</i>)	Helgoland, DE	NS	30.03.2017	faecal - alive	n.d.	n.d.	no
3	Grey seal (<i>Halichoerus grypus</i>)	Helgoland, DE	NS	30.03.2017	faecal - alive	n.d.	n.d.	no
4	Grey seal (<i>Halichoerus grypus</i>)	Helgoland, DE	NS	30.03.2017	faecal - alive	n.d.	n.d.	no
5	Grey seal (<i>Halichoerus grypus</i>)	Helgoland, DE	NS	30.03.2017	faecal - alive	n.d.	n.d.	no
6	Grey seal (<i>Halichoerus grypus</i>)	Helgoland, DE	NS	30.03.2017	faecal - alive	n.d.	n.d.	no
7	Grey seal (<i>Halichoerus grypus</i>)	Helgoland, DE	NS	30.03.2017	faecal - alive	n.d.	n.d.	no
8	Harbour seal (<i>Phoca vitulina</i>)	Husum, DE	NS	19.04.2017	rectal - alive	adult	f	no
9	Harbour seal (<i>Phoca vitulina</i>)	Husum, DE	NS	19.04.2017	rectal - alive	adult	f	no
10	Harbour seal (<i>Phoca vitulina</i>)	Husum, DE	NS	19.04.2017	rectal - alive	adult	m	no
11	Harbour seal (<i>Phoca vitulina</i>)	Husum, DE	NS	19.04.2017	rectal - alive	adult	m	no
12	Harbour seal (<i>Phoca vitulina</i>)	Husum, DE	NS	19.04.2017	rectal - alive	adult	f	no
13	Harbour seal (<i>Phoca vitulina</i>)	Husum, DE	NS	19.04.2017	rectal - alive	adult	m	no
14	Harbour seal (<i>Phoca vitulina</i>)	Husum, DE	NS	19.04.2017	rectal - alive	adult	m	no
15	Harbour seal (<i>Phoca vitulina</i>)	Husum, DE	NS	19.04.2017	rectal - alive	adult	m	no
16	Harbour seal (<i>Phoca vitulina</i>)	Husum, DE	NS	19.04.2017	rectal - alive	adult	m	no
17	Harbour seal (<i>Phoca vitulina</i>)	Husum, DE	NS	19.04.2017	rectal - alive	adult	m	no
18	Harbour seal (<i>Phoca vitulina</i>)	Husum, DE	NS	19.04.2017	rectal - alive	adult	f	no
19	Harbour seal (<i>Phoca vitulina</i>)	Husum, DE	NS	19.04.2017	rectal - alive	adult	f	no
20	Harbour seal (<i>Phoca vitulina</i>)	Husum, DE	NS	19.04.2017	rectal - alive	adult	m	no
21	Harbour seal (<i>Phoca vitulina</i>)	Husum, DE	NS	19.04.2017	rectal - alive	adult	m	no
22	Harbour seal (<i>Phoca vitulina</i>)	Husum, DE	NS	19.04.2017	rectal - alive	adult	m	no
23	Harbour seal (<i>Phoca vitulina</i>)	Bay of Lübeck, DE	BS	28.05.2017	rectal - death	juvenile	m	yes
24	Harbour seal (<i>Phoca vitulina</i>)	Sylt, DE	NS	18.04.2017	rectal - death	juvenile	f	yes
25	Harbour seal (<i>Phoca vitulina</i>)	Sylt, DE	NS	24.04.2017	rectal - death	juvenile	f	yes
26	Harbour seal (<i>Phoca vitulina</i>)	Sylt, DE	NS	07.05.2017	rectal - death	juvenile	m	yes
27	Harbour seal (<i>Phoca vitulina</i>)	Sylt, DE	NS	14.05.2017	rectal - death	juvenile	f	yes
28	Grey seal (<i>Halichoerus grypus</i>)	Sylt, DE	NS	20.05.2017	rectal - death	juvenile	f	yes
29	Harbour porpoise (<i>Phocoena phocoena</i>)	Sylt, DE	NS	10.06.2017	rectal - death	neonate	f	yes

30	Harbour porpoise (<i>Phocoena phocoena</i>)	Sylt, DE	NS	10.06.2017	rectal - death	juvenile	m	yes
31	Harbour seal (<i>Phoca vitulina</i>)	Eider Barrage, DE	NS	16.06.2017	rectal - death	neonate	f	yes
32	Harbour porpoise (<i>Phocoena phocoena</i>)	Bay of Lübeck, DE	BS	28.06.2017	rectal - death	juvenile	f	yes
33	Harbour porpoise (<i>Phocoena phocoena</i>)	Bay of Kiel, DE	BS	20.05.2017	rectal - death	adult	m	yes
34	Harbour porpoise (<i>Phocoena phocoena</i>)	Bay of Kiel, DE	BS	05.08.2017	rectal - death	juvenile	f	yes
35	Harbour porpoise (<i>Phocoena phocoena</i>)	Bay of Kiel, DE	BS	29.08.2017	rectal - death	juvenile	m	yes
36	Harbour porpoise (<i>Phocoena phocoena</i>)	Bay of Kiel, DE	BS	04.11.2017	rectal - death	juvenile	f	yes
37	Harbour porpoise (<i>Phocoena phocoena</i>)	Bay of Kiel, DE	BS	16.11.2017	rectal - death	adult	m	yes
38	Grey seal (<i>Halichoerus grypus</i>)	Bay of Lübeck, DE	BS	12.01.2018	faecal - alive	adult	n.d.	no
39	Ringed seal (<i>Pusa hispida</i>)	Bay of Lübeck, DE	BS	22.01.2018	rectal - death	juvenile	f	yes
40	Grey seal (<i>Halichoerus grypus</i>)	Bay of Lübeck, DE	BS	28.05.2018	rectal - death	juvenile	m	yes
41	Harbour porpoise (<i>Phocoena phocoena</i>)	Kattegat, DK	BS	23.05.2018	rectal - alive	juvenile	m	no
42	Harbour porpoise (<i>Phocoena phocoena</i>)	Kattegat, DK	BS	23.05.2018	rectal - alive	juvenile	m	no
43	Harbour porpoise (<i>Phocoena phocoena</i>)	Bay of Lübeck, DE	BS	24.05.2018	rectal - death	adult	f	yes
44	Harbour porpoise (<i>Phocoena phocoena</i>)	Bay of Kiel, DE	BS	02.08.2018	rectal - death	neonate	m	yes
45	Ringed seal (<i>Pusa hispida</i>)	Bay of Kiel, DE	BS	02.09.2018	rectal - death	juvenile	m	yes
46	Ringed seal (<i>Pusa hispida</i>)	Bothnian Bay, SE	BS	12.06.2018	rectal - hunted	juvenile	f	yes
47	Ringed seal (<i>Pusa hispida</i>)	Bothnian Bay, SE	BS	13.06.2018	rectal - hunted	juvenile	m	yes
48	Ringed seal (<i>Pusa hispida</i>)	Bothnian Bay, SE	BS	14.06.2018	rectal - hunted	juvenile	m	yes
49	Ringed seal (<i>Pusa hispida</i>)	Bothnian Bay, SE	BS	14.06.2018	rectal - hunted	adult	f	yes
50	Harbour seal (<i>Phoca vitulina</i>)	Bay of Kiel, DE	BS	23.08.2018	rectal - death	juvenile	f	yes
51	Harbour porpoise (<i>Phocoena phocoena</i>)	Bay of Kiel, DE	BS	20.08.2018	rectal - death	neonate	m	yes
52	Harbour porpoise (<i>Phocoena phocoena</i>)	Bay of Lübeck, DE	BS	03.08.2018	rectal - death	neonate	m	yes
53	Harbour porpoise (<i>Phocoena phocoena</i>)	Bay of Lübeck, DE	BS	17.11.2018	rectal - death	adult	m	yes
54	Harbour porpoise (<i>Phocoena phocoena</i>)	Bay of Lübeck, DE	BS	01.12.2018	rectal - death	adult	m	yes
55	Harbour seal (<i>Phoca vitulina</i>)	Bay of Mecklenburg, DE	BS	01.11.2018	rectal - death	juvenile	m	yes
56	Grey seal (<i>Halichoerus grypus</i>)	Bay of Lübeck, DE	BS	10.01.2019	faecal - alive	n.d.	n.d.	no
57	Ringed seal (<i>Pusa hispida</i>)	Bothnian Bay, SE	BS	04.06.2019	rectal - hunted	juvenile	m	yes
58	Ringed seal (<i>Pusa hispida</i>)	Bothnian Bay, SE	BS	05.06.2019	rectal - hunted	juvenile	f	yes
59	Ringed seal (<i>Pusa hispida</i>)	Bothnian Bay, SE	BS	05.06.2019	rectal - hunted	adult	m	yes
60	Ringed seal (<i>Pusa hispida</i>)	Bothnian Bay, SE	BS	05.06.2019	rectal - hunted	adult	m	yes

61	Ringed seal (<i>Pusa hispida</i>)	Bothnian Bay, SE	BS	06.06.2019	rectal - hunted	adult	f	yes
62	Ringed seal (<i>Pusa hispida</i>)	Bothnian Bay, SE	BS	07.06.2019	rectal - hunted	juvenile	f	yes
63	Ringed seal (<i>Pusa hispida</i>)	Bothnian Bay, SE	BS	07.06.2019	rectal - hunted	adult	f	yes
64	Ringed seal (<i>Pusa hispida</i>)	Bothnian Bay, SE	BS	07.06.2019	rectal - hunted	adult	f	yes
65	Ringed seal (<i>Pusa hispida</i>)	Bothnian Bay, SE	BS	07.06.2019	rectal - hunted	adult	m	yes
66	Ringed seal (<i>Pusa hispida</i>)	Bothnian Bay, SE	BS	08.06.2019	rectal - hunted	juvenile	f	yes
67	Atlantic herring (<i>Clupea harengus</i>)	Bay of Mecklenburg, DE	BS	26.11.2017	rectal - death	n.d.	f	no
68	Atlantic herring (<i>Clupea harengus</i>)	Bay of Mecklenburg, DE	BS	26.11.2017	rectal - death	n.d.	m	no
69	Plaice (<i>Pleuronectes platessa</i>)	Bay of Mecklenburg, DE	BS	26.11.2017	rectal - death	n.d.	f	no
70	Plaice (<i>Pleuronectes platessa</i>)	Bay of Mecklenburg, DE	BS	26.11.2017	rectal - death	n.d.	m	no
71	Atlantic cod (<i>Gadus morhua</i>)	Bay of Mecklenburg, DE	BS	26.11.2017	rectal - death	n.d.	n.d.	no
72	Atlantic cod (<i>Gadus morhua</i>)	Bay of Mecklenburg, DE	BS	26.11.2017	rectal - death	n.d.	n.d.	no
73	Atlantic cod (<i>Gadus morhua</i>)	Bay of Mecklenburg, DE	BS	26.11.2017	rectal - death	n.d.	n.d.	no
74	Common dab (<i>Limanda limanda</i>)	Bay of Kiel, DE	BS	02.03.2018	rectal - death	n.d.	f	no
75	Common dab (<i>Limanda limanda</i>)	Bay of Kiel, DE	BS	02.03.2018	rectal - death	n.d.	f	no
76	Common dab (<i>Limanda limanda</i>)	Bay of Kiel, DE	BS	02.03.2018	rectal - death	n.d.	f	no
77	Common dab (<i>Limanda limanda</i>)	Bay of Kiel, DE	BS	02.03.2018	rectal - death	n.d.	f	no
78	Common dab (<i>Limanda limanda</i>)	Bay of Kiel, DE	BS	02.03.2018	rectal - death	n.d.	f	no
79	Common dab (<i>Limanda limanda</i>)	Bay of Kiel, DE	BS	02.03.2018	rectal - death	n.d.	f	no
80	Common dab (<i>Limanda limanda</i>)	Bay of Kiel, DE	BS	02.03.2018	rectal - death	n.d.	f	no
81	European flounder (<i>Platichthys flesus</i>)	Bay of Kiel, DE	BS	02.03.2018	rectal - death	n.d.	f	no
82	European flounder (<i>Platichthys flesus</i>)	Bay of Kiel, DE	BS	02.03.2018	rectal - death	n.d.	m	no
83	European flounder (<i>Platichthys flesus</i>)	Bay of Kiel, DE	BS	02.03.2018	rectal - death	n.d.	m	no
84	Plaice (<i>Pleuronectes platessa</i>)	Bay of Kiel, DE	BS	02.03.2018	rectal - death	n.d.	f	no
85	Plaice (<i>Pleuronectes platessa</i>)	Bay of Kiel, DE	BS	02.03.2018	rectal - death	n.d.	f	no
86	Plaice (<i>Pleuronectes platessa</i>)	Bay of Kiel, DE	BS	02.03.2018	rectal - death	n.d.	m	no
87	Atlantic mackerel (<i>Scomber scombrus</i>)	German waddensea	NS	20.07.2018	rectal - death	n.d.	n.d.	no
88	Atlantic mackerel (<i>Scomber scombrus</i>)	German waddensea	NS	20.07.2018	rectal - death	n.d.	n.d.	no
89	Atlantic mackerel (<i>Scomber scombrus</i>)	German waddensea	NS	20.07.2018	rectal - death	n.d.	n.d.	no
90	Atlantic mackerel (<i>Scomber scombrus</i>)	German waddensea	NS	20.07.2018	rectal - death	n.d.	n.d.	no

91	Atlantic mackerel (<i>Scomber scombrus</i>)	German waddensea	NS	20.07.2018	rectal - death	n.d.	n.d.	no
92	European smelt (<i>Osmerus eperlanus</i>)	German waddensea	NS	16.08.2018	rectal - death	n.d.	n.d.	no
93	European smelt (<i>Osmerus eperlanus</i>)	German waddensea	NS	16.08.2018	rectal - death	n.d.	n.d.	no
94	European smelt (<i>Osmerus eperlanus</i>)	German waddensea	NS	16.08.2018	rectal - death	n.d.	n.d.	no
95	European smelt (<i>Osmerus eperlanus</i>)	German waddensea	NS	16.08.2018	rectal - death	n.d.	n.d.	no
96	Plaice (<i>Pleuronectes platessa</i>)	German waddensea	NS	16.08.2018	rectal - death	n.d.	n.d.	no
97	Plaice (<i>Pleuronectes platessa</i>)	German waddensea	NS	16.08.2018	rectal - death	n.d.	n.d.	no
98	Solenette (<i>Buglossidium luteum</i>)	German waddensea	NS	16.08.2018	rectal - death	n.d.	n.d.	no
99	European Sea Sturgeon (<i>Acipenser sturio</i>)	German waddensea	NS	26.09.2018	rectal - death	n.d.	n.d.	no
100	Common dab (<i>Limanda limanda</i>)	North Sea	NS	09.07.2019	rectal - death	n.d.	f	no
101	Common dab (<i>Limanda limanda</i>)	North Sea	NS	09.07.2019	rectal - death	n.d.	m	no
102	Grey gurnard (<i>Eutrigla gurnardus</i>)	North Sea	NS	10.07.2019	rectal - death	n.d.	n.d.	no
103	Atlantic herring (<i>Clupea harengus</i>)	North Sea	NS	12.07.2019	rectal - death	n.d.	n.d.	no
104	Atlantic mackerel (<i>Scomber scombrus</i>)	North Sea	NS	13.07.2019	rectal - death	n.d.	n.d.	no
105	European pilchard (<i>Sardina pilchardus</i>)	North Sea	NS	13.07.2019	rectal - death	n.d.	n.d.	no
106	Whiting (<i>Merlangius merlangus</i>)	North Sea	NS	15.07.2019	rectal - death	n.d.	n.d.	no

Table S1: Samples information. Listed are information for each sample including sample ID, species, sample location and sea (NS = North Sea, BS = Baltic Sea), sample method, age class, sex (m = male, f = female) and if a necropsy was performed.