

Polovodova and J. Schönfeld **Appendix 2.**

Stations	Date	Longitude (°E)	Latitude (°N)	Depth (m)	Temperature (°C)	Salinity (psu)	O <sub>2</sub> (ml/l)	Sand (%)
<b>Kiel Fjord</b>								
PF15-01	12/09/05	10°10.119′	54°20.207′	11	8.0	22.2	11	49
PF15-02	12/09/05	10°10.043′	54°20.266′	13	8.5	23.2	7	18
PF15-03	12/09/05	10°10.486′	54°20.437′	5	8.2	21.8	9	10
PF15-04	12/09/05	10°10.423′	54°20.415′	9	8.1	22.3	8	15
PF15-05	12/09/05	10°10.342′	54°20.336′	13	9.1	23.2	6	6
PF15-06	12/09/05	10°10.157′	54°20.324′	13	9.1	23.2	7	8
PF15-07	12/09/05	10°10.473′	54°20.530′	5	8.0	22.2	10	12
PF15-08	12/09/05	10°10.328′	54°20.541′	9	8.1	22.0	12	6
PF15-09	12/09/05	10°10.293′	54°20.563′	13	8.6	22.9	7	15
PF15-10	12/09/05	10°10.144′	54°20.557′	13	8.8	23.0	8	1
PF15-11	12/09/05	10°10.435′	54°20.725′	5	7.9	21.9	8	17
PF15-12	12/09/05	10°10.319′	54°20.719′	11	7.9	22.4	8	1
PF15-13	12/09/05	10°10.160′	54°20.713′	13	8.5	23.0	10	0
PF15-14	12/09/05	10°10.458′	54°20.888′	5	7.9	22.2	11	17
PF15-15	12/09/05	10°10.360′	54°20.895′	11	8.5	22.5	9	1
PF15-16	12/08/05	10°10.202′	54°20.931′	13	8.2	23.0	5	3
PF15-17	12/08/05	10°12.948′	54°24.339′	5	6.9	22.0	6	49
PF15-18	12/08/05	10°12.870′	54°24.325′	8	7.7	22.4	6	51
PF15-19	12/08/05	10°12.699′	54°24.308′	12	8.5	22.8	7	11
PF15-20	12/08/05	10°27.516′	54°27.323′	18	-	-	13	6
PF15-21	12/09/05	10°09.087′	54°21.411′	10	7.5	22.0	11	29
PF15-22	02/10/06	10°10.414′	54°19.781′	7	2.1	15.1	11	2
PF15-23	02/10/06	10°10.251′	54°19.833′	7	2.2	15.9	11	2
PF15-24	02/10/06	10°09.966′	54°19.900′	11	1.9	15.7	11	2
PF15-25	02/10/06	10°09.753′	54°19.981′	13	2.1	17.3	9	5
PF15-26	02/17/06	10°10.576′	54°21.048′	8	2.3	17.0	11	21
PF15-27	02/17/06	10°10.501′	54°21.072′	12	2.8	17.3	10	2
PF15-28	02/17/06	10°10.295′	54°21.116′	13	2.4	17.6	10	1
PF15-29	02/10/06	10°09.020′	54°21.702′	11	2.0	16.2	11	1
PF15-30	02/10/06	10°09.121′	54°21.575′	13	2.0	16.9	10	1
PF15-31	02/10/06	10°09.155′	54°21.481′	13	2.0	16.2	10	1
PF15-32	02/10/06	10°09.291′	54°21.371′	13	2.0	17.9	10	1
PF15-33	02/10/06	10°09.388′	54°21.216′	13	2.1	17.6	9	1
PF15-34	02/17/06	10°10.401′	54°21.820′	14	2.3	17.8	11	29
PF15-35	02/10/06	10°09.599′	54°20.793′	13	2	16.5	9	2
PF15-36	02/10/06	10°08.961′	54°19.408′	16	2.3	17.2	12	4
PF15-37	02/17/06	10°11.546′	54°23.185′	17	2.1	18.1	10	62
PF15-38	02/17/06	10°12.704′	54°25.233′	17	2	17.4	10	24
PF15-39	02/10/06	10°09.356′	54°20.012′	13	2	16.1	12	1
PF15-40	02/10/06	10°11.246′	54°23.176′	14	2.3	17	10	1
PF15-41	02/10/06	10°10.837′	54°23.177′	13	2.5	17.2	11	1
PF15-42	02/10/06	10°10.837′	54°23.270′	10	1.9	16.6	12	3
PF15-43	02/10/06	10°10.856′	54°23.344′	6	1.9	16.5	12	11
PF15-45	02/17/06	10°10.496′	54°21.740′	13	2.4	17.8	11	1

PF15-46	02/17/06	10°10.127'	54°21.813'	14	2.2	17.9	11	19
PF15-47	02/17/06	10°12.464'	54°23.528'	9	2.2	17	10	20
PF15-48	02/17/06	10°12.288'	54°23.591'	15	2.3	17.8	10	3
PF15-49	02/17/06	10°12.429'	54°23.591'	11	2	17.3	11	36
PF15-50	02/17/06	10°12.383'	54°23.667'	13	2.2	17	9	1
PF15-51	02/10/06	10°09.752'	54°19.771'	15	2.7	18.7	8	2
PF15-52	02/10/06	10°09.314'	54°19.519'	15	2.2	17	9	18
PF15-53	28/03/06	10°09.933'	54°20.801'	15	2.3	17.1	-	3
PF15-54	28/03/06	10°09.907'	54°21.208'	14	2.8	17.0	8	2
PF15-55	02/03/06	10°09.944'	54°22.306'	14	2.7	16.9	9	5
PF15-56	28/03/06	10°10.128'	54°22.620'	14	2.4	16.9	10	39
PF15-57	28/03/06	10°11.557'	54°22.615'	11	3.0	16.6	10	5
PF15-58	04/05/06	10°11.843'	54°25.586'	7	-	-	-	89
PF15-59	28/03/06	10°11.664'	54°25.982'	18	3.0	16.7	-	5
PF15-60	04/05/06	10°17.532'	54°30.315'	16	-	-	-	94
PF15-61	04/05/06	10°19.063'	54°31.105'	13	-	-	-	87
PF15-62	04/05/06	10°12.388'	54°23.942'	12	7	20.2	15	3
PF15-63	04/05/06	10°12.277'	54°23.963'	16	5.7	22	7	17
PF15-64	04/05/06	10°12.990'	54°23.837'	17	5.4	21.9	8	15
PF15-65	04/05/06	10°12.762'	54°23.940'	16	6.6	21.9	7	13
PF15-66	04/05/06	10°12.239'	54°24.155'	15	5.9	20.6	7	14
PF15-69	05/05/06	10°11.740'	54°24.147'	15	6.4	21.6	13	18
PF15-73	05/05/06	10°10.865'	54°22.586'	16	5.4	18.2	5	20
PF15-77	05/05/06	10°11.317'	54°22.351'	14	5.5	17.7	10	0
PF15-79	05/05/06	10°11.522'	54°22.053'	7	7.7	15.9	14	9
PF15-81	05/05/06	10°10.222'	54°22.068'	15	6.1	18.2	12	7
PF15-83	05/05/06	10°09.265'	54°21.076'	12	7.2	17.3	13	1
PF15-84	05/05/06	10°09.205'	54°20.966'	7	7.8	15.9	16	1
PF15-88	05/05/06	10°09.575'	54°20.354'	11	5.6	15.5	21	0
PF15-89	05/05/06	10°09.444'	54°19.480'	12	6.6	17.7	21	12
PF15-90	05/05/06	10°09.347'	54°19.432'	12	6.9	18.2	19	1
<b>Flensburg Fjord</b>								
PF16-01	08/06/06	9°26.142'	54°47.717'	9	11	19.3	5	5
PF16-02	08/06/06	9°25.818'	54°48.105'	6	10.2	19.8	4	11
PF16-03	08/06/06	9°26.322'	54°48.608'	7	8.8	20.7	4	16
PF16-04	08/06/06	9°27.27'	54°49.497'	15	7.7	23.0	4	2
PF16-05	08/06/06	9°26.204'	54°49.783'	15	7.6	22.6	4	1
PF16-06	08/06/06	9°28.822'	54°49.989'	5	7.6	23.0	5	1
PF16-07	08/06/06	9°30.021'	54°50.319'	15	10.2	20.7	5	1
PF16-08	08/06/06	9°32.711'	54°51.194'	12	9.5	21.2	4	13
PF16-10	08/06/06	9°35.858'	54°50.949'	6	-	-	-	59
PF16-11	08/06/06	9°35.909'	54°52.445'	8	8.7	21.3	5	24
PF16-12	08/06/06	9°34.325'	54°52.683'	13	7.7	23.1	4	0
PF16-13	08/06/06	9°35.444'	54°53.095'	9	9.5	22.3	5	6
PF16-14	08/06/06	9°36.753'	54°52.933'	11	7.6	23.1	4	9
PF16-15	08/06/06	9°36.842'	54°52.185'	14	7.6	24.3	6	1
PF16-16	07/06/06	9°40.886'	54°50.19'	19	11.3	20.2	6	0
PF16-17	07/06/06	9°45.639'	54°48.4'	8	-	-	-	94

PF16-18	07/06/06	9°45.367'	54°49.149'	22	7.6	24.6	4	15
PF16-19	07/06/06	9°36.839'	54°50.196'	10	-	-	-	30
PF16-20	07/06/06	9°51.551'	54°45.767'	6	13.7	18.3	7	99
PF16-21	07/06/06	9°51.263'	54°46.915'	9	-	-	-	81
PF16-22	07/06/06	9°50.23'	54°49.947'	31	7.7	25.2	4	4
PF16-23	07/06/06	9°47.937'	54°48.414'	19	-	-	-	42
PF16-24	07/06/06	9°48.864'	54°47.276'	9	-	-	-	94
PF16-25	07/06/06	9°52.843'	54°46.693'	8	-	-	-	88
PF16-26	07/06/06	9°53.493'	54°48.281'	8	11.7	18.9	7	69
PF16-27	07/06/06	9°59.976'	54°47.086'	26	7.6	25.0	4	9
PF16-28	07/06/06	9°53.369'	54°50.037'	28	7.2	25.4	4	12
PF16-29	07/06/06	9°56.30'6	54°48.548'	25	7.9	25.0	5	25
PF16-30	07/06/06	10°6.087'	54°44.28'	26	7.9	25.1	5	1
PF16-31	07/06/06	10°7.345'	54°42.495'	22	-	-	-	85
PF16-32	07/06/06	9°36.608'	54°50.459'	16	8.1	23.9	4	1

Stations	SiO <sub>2</sub> (weight %)	TOC (%)	Chlorophyll a (mkg/g)	Cu (mg/kg)	Zn (mg/kg)	Sn (mg/kg)	Pb (mg/kg)
PF15-01	0.7	1.7	5	29	90	1	34
PF15-02	1.1	1.2	4	44	148	1	63
PF15-03	2.6	5.4	24	143	434	2	153
PF15-04	2.8	4.4	13	138	388	2	150
PF15-05	2.6	5.2	23	128	353	2	136
PF15-06	2.9	3.8	36	46	145	3	49
PF15-07	2.5	3.3	22	60	207	1	79
PF15-08	2.7	3.3	15	79	211	2	87
PF15-09	4.3	4.9	42	98	264	2	101
PF15-10	4.3	4.9	40	92	280	2	111
PF15-11	2.2	2.4	21	45	144	1	65
PF15-12	4.4	4.6	30	89	236	2	108
PF15-13	5.4	5.3	50	75	221	2	85
PF15-14	3.5	4.0	36	89	262	2	105
PF15-15	5.5	5.0	35	97	277	2	135
PF15-16	4.1	4.7	45	78	228	3	87
PF15-17	2.0	2.1	38	26	81	1	20
PF15-18	1.1	0.9	17	11	47	0	13
PF15-19	2.9	2.3	24	30	95	1	30
PF15-20	3.3	3.7	23	35	131	1	46
PF15-21	2.6	2.6	17	44	140	1	54
PF15-22	-	-	-	-	-	-	-
PF15-23	8.0	7.8	47	109	341	10	104
PF15-24	4.6	4.8	25	-	-	-	-
PF15-25	3.3	4.2	25	70	195	10	91
PF15-26	3.5	4.1	29	-	-	-	-
PF15-27	6.6	5.8	33	89	253	8	135
PF15-28	5.7	6.0	41	-	-	-	-
PF15-29	4.1	5.3	27	78	338	7	127
PF15-30	3.8	5.3	29	-	-	-	-
PF15-31	4.6	5.2	31	-	-	-	-
PF15-32	5.6	5.7	36	70	206	6	86
PF15-33	6.4	5.8	39	-	-	-	-
PF15-34	1.0	2.7	9	34	99	4	42
PF15-35	5.2	5.4	35	75	222	10	100
PF15-36	4.1	5.7	28	162	330	16	135
PF15-37	0.6	0.6	5	14	45	3	21
PF15-38	1.3	3.1	25	25	89	7	32
PF15-39	5.2	6.1	36	106	280	13	129
PF15-40	4.6	4.2	38	-	-	-	-
PF15-41	3.9	4.5	28	73	186	8	71
PF15-42	6.0	4.9	24	-	-	-	-
PF15-43	2.5	3.4	23	49	103	5	39
PF15-45	7.2	5.9	40	-	-	-	-
PF15-46	2.6	4.4	6	-	-	-	-
PF15-47	4.5	2.6	23	31	111	5	42

PF15-48	4.2	4.4	57	-	-	-	-
PF15-49	1.4	2.0	14	-	-	-	-
PF15-50	4.0	4.3	50	49	149	5	54
PF15-51	6.7	6.6	41	-	-	-	-
PF15-52	3.7	4.6	18	-	-	-	-
PF15-53	2.7	4.7	19	-	-	-	-
PF15-54	4.4	6.7	36	74	280	18	98
PF15-55	4.1	5.2	35	-	-	-	-
PF15-56	0.5	2.5	4	28	80	5	48
PF15-57	4.1	4.5	60	60	183	8	103
PF15-58	0.3	0.1	2	-	-	-	-
PF15-59	6.5	4.8	170	34	126	4	42
PF15-60	0.2	0.1	2	3	11	1	8
PF15-61	0.5	0.5	2	2	11	0	7
PF15-62	5.1	3.9	104	37	113	4	42
PF15-63	1.8	3.6	37	-	-	-	-
PF15-64	2.0	2.4	19	-	-	-	-
PF15-65	2.3	2.0	32	-	-	-	-
PF15-66	2.0	2.9	47	24	86	3	33
PF15-69	1.8	1.9	30	17	65	2	23
PF15-73	0.8	3.4	5	57	101	5	51
PF15-77	2.5	4.8	20	50	181	9	92
PF15-79	5.6	4.3	91	59	236	8	2169
PF15-81	4.1	6.1	16	34	101	3	41
PF15-83	5.2	5.5	44	72	207	8	90
PF15-84	4.4	5.0	75	63	218	7	260
PF15-88	5.4	5.6	62	84	232	11	107
PF15-89	2.0	3.8	19	96	232	18	106
PF15-90	5.2	5.3	72	-	-	-	-

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Here "--" means no data.

Stations	<i>Ammonia beccarii</i> (%)	<i>Ammonium cassis</i> (%)	<i>Elphidium albumbilicatum</i> (%)	<i>Elphidium e. clavatum</i> (%)	<i>Elphidium e. excavatum</i> (%)	<i>Elphidium incertum</i> (%)	<i>Reophax dentaliniformis regularis</i> (%)	Others* (%)	Species richness, S	Absolute counts (ind.)	Population density (ind-10cm <sup>3</sup> )	Test abnormalities (%)
<b>Kiel Fjord</b>												
PF15-01												
PF15-02	61				39				2	23	11	4
PF15-03	58				39			3	3	147	273	1
PF15-04	23			5	66			5	5	146	67	6
PF15-05	52		5	4	42				4	122	126	7
PF15-06	35			9	56				3	245	1568	2
PF15-07	25		2		72				3	79	21	6
PF15-08	28		2		57	5		10	5	130	135	2
PF15-09	49			2	49				3	255	868	5
PF15-10	51		3	29	18				4	171	342	2
PF15-11	57		3		37				3	49	8	8
PF15-12	73		2		25	1		1	5	346	425	0
PF15-13	84			12	3	1			4	138	451	2
PF15-14	55				37			7	3	179	704	12
PF15-15	58			13	21	8			4	138	581	1
PF15-16	60		2	13	25	1			5	269	1484	3
PF15-17	80		3		15			2	4	126	44	25
PF15-18	33		13		52			2	4	92	39	3
PF15-19	68		4	6	22	6			6	385	811	6
PF15-20	21		10	45	6	17		1	6	103	239	6
PF15-21	46		4	7	37	4		2	7	114	536	4
PF15-22	53			8	38			1	4	189	1315	15
PF15-23	72			3	20			5	4	109	684	13
PF15-24	79			3	14			4	4	198	1413	13
PF15-25	71			1	25			4	4	200	1406	5
PF15-26	12			7	61	11	1	8	6	75	85	5
PF15-27	80		1	6	13			1	5	139	1263	5
PF15-28	68			7	22	3			4	163	3798	2
PF15-29	72			12	13	2		1	5	271	2044	13
PF15-30	46		1	15	30	3		4	7	100	957	5
PF15-31	44		1	21	27	1		6	6	124	562	3
PF15-32	63		1	16	17	2		1	6	288	995	4
PF15-33	62			15	19	1		2	5	218	1074	5
PF15-34	43		0		52	3		1	5	220	721	4

PF15-35	56	1	13	26	4			5	96	452	6	
PF15-36	79			21				2	117	260	3	
PF15-37	47	6		36	11			4	119	280	4	
PF15-38	3		13	85				3	168	4887	4	
PF15-39	79	1	3	14	2		1	6	204	2200	11	
PF15-40	55	1	26	14	4			5	274	550	3	
PF15-41	48	1	14	37			1	5	186	551	0	
PF15-42	51	1	3	13	30	1	1	7	148	342	7	
PF15-43	35		2	1	45	8	9	6	150	81	3	
PF15-45	70		6	22	1		0	5	352	1449	6	
PF15-46	45		11	38	6			4	158	239	5	
PF15-47	80		1	7	10	2		5	183	1255	9	
PF15-48	63	1	1	4	28	2	2	7	251	1250	6	
PF15-49	58		1	10	28	1	1	6	163	192	6	
PF15-50	72		7	21			0	4	241	2299	1	
PF15-51	51		0	9	33	7		5	329	2118	2	
PF15-52	77		1	19	1		3	5	265	750	6	
PF15-53	31		4	64	1			4	288	332	7	
PF15-54	54			35	2		8	5	249	1010	10	
PF15-55	51		1	10	27	5	1	6	8	211	447	11
PF15-56	49	1		23	19	6	2	6	162	122	3	
PF15-57	38		4	33	16	8	1	7	344	1151	6	
PF15-58								1	1	2	0	
PF15-59	4		2	54	32	6	1	6	186	1454	5	
PF15-60	3		1	9	54	32	1	6	97	37	3	
PF15-61	10		7	22	40	20	1	7	183	61	4	
PF15-62	54		7	9	25	3	2	6	192	477	8	
PF15-63	19		2	9	66	2	4	6	137	285	4	
PF15-64	25	1	3	18	38	14	1	1	8	215	425	4
PF15-65	16		5	13	47	19	0	6	335	799	4	
PF15-66	54		5	6	22	13		5	120	94	3	
PF15-69	20		1	7	64	5	3	6	187	764	6	
PF15-73	24		2	6	49	14	1	3	7	164	282	6
PF15-77	43		0	12	28	12	6	5	170	123	2	
PF15-79	55		5	7	25		8	5	109	68	17	
PF15-81	28		3	11	42	12	4	6	197	226	3	
PF15-83	33			16	45	4	2	5	271	428	2	
PF15-84	43		3	20	21	6	5	2	7	163	60	6
PF15-88	46			13	22	19	1	5	175	279	3	
PF15-89	69		1	2	22	4	1	7	156	85	5	
PF15-90	67		1	11	15	6	1	5	170	271	7	
<b>Flensburg Fjord</b>												
PF16-01	30		1	3	65			5	94	49	6	
PF16-02	11		5	22	60			4	72	16	7	
PF16-03	66		8	18	8	5		5	235	354	6	
PF16-04			17		33	57	1	4	187	324	14	
PF16-05	2		6	1	2	91	6	6	144	158	9	
PF16-06			15			93	1	3	230	105	11	

PF16-07			2	8	57	32		1	5	131	79	6
PF16-08	12	1	6	8	8	67			6	153	127	8
PF16-10	5		13	12	53				4	43	21	12
PF16-11	29		8	17	47	3			5	190	132	11
PF16-12	31	1	25	4	25	18			6	120	286	9
PF16-13	9		3	16	23	49	1		6	189	77	4
PF16-14	5		2	19	59	15			5	155	70	3
PF16-15	11		1	26	7	56			5	226	199	4
PF16-16	48		18		26	12	1		5	139	98	10
PF16-17	37		9	9	25	21		1	7	135	192	3
PF16-18	47	1	19	6	4	29	1		7	157	348	5
PF16-19	18		3	5	14	57			5	56	28	2
PF16-20	96		3		2				3	142	234	16
PF16-21	70		9	2	5	15	1		6	128	121	13
PF16-22	18	1	36	13	29	11	1		7	136	759	8
PF16-23	16	1	10	2	4	69			6	124	83	11
PF16-24	48		80		2	1			4	162	254	2
PF16-25	25	1	84		17	1			5	150	230	11
PF16-26	94						6		2	18	11	0
PF16-27	6	1	4	36	54	1			6	127	142	15
PF16-28	6	1	1	36	52	4		1	5	183	938	4
PF16-29	3	1	12	57	23	10		2	8	258	1510	5
PF16-30	5		8	29	55	4			5	287	3130	4
PF16-31	10		33			68	1		4	163	200	6
PF16-32	8	1	4	4	18	65			6	115	101	4

\* Term **others** includes *E. gerthi*, *E. williamsoni*, *E. guntheri*.