

放水口地点 (St. 100) 水質調査結果 (1)

項目	月・日	1・20	2・22	3・8	4・27	5・24	6・15
	時刻	8:50	8:50	8:50	9:00	8:45	8:40
	採取水深 (m)	1.7	1.5	2.0	1.6	2.2	2.1
天候		雪	晴	晴	晴	晴	晴
気温	(°C)	2.5	3.0	3.0	15.0	23.0	24.5
全水深	(m)	8.7	7.7	10.0	8.0	10.9	10.3
水温	(°C)	7.6	5.5	4.7	9.0	14.5	16.2
透明度	(m)	2.5	2.5	2.6	1.5	3.8	2.9
水色		9	8	8	9	10	7
pH	—	8.0	8.1	8.1	8.1	7.7	8.0
COD	(mg/L)	1.9	0.8	0.6	0.9	1.0	0.9
BOD	(mg/L)	0.4	0.4	0.1	<0.1	0.9	0.2
SS	(mg/L)	2.8	2.0	3.0	4.3	1.2	1.7
DO	(mg/L)	11.0	11.8	11.6	11.1	11.3	10.5
DO飽和度	(%)	95.0	96.6	93.0	99.2	114.5	110.3
大腸菌群数	(MPN/100ml)	49	2	2	49	70	13
濁度	(度)	3.0	1.8	3.4	4.6	1.3	1.6
電気伝導度	(mS/m)	4.1	4.3	4.4	4.1	7.0	4.2
総磷	(mg/L)	0.009	0.006	0.009	0.015	0.007	0.009
オルト磷酸態磷	(mg/L)	—	—	—	—	—	—
総窒素	(mg/L)	0.255	0.229	0.218	0.315	0.292	0.252
亜硝酸態窒素	(mg/L)	—	—	—	—	—	—
硝酸態窒素	(mg/L)	—	—	—	—	—	—
アンモニア態窒素	(mg/L)	—	—	—	—	—	—
クロロフィル-a	(mg/m ³)	1.15	1.41	1.41	2.98	1.22	2.60
フェオフィチン	(mg/L)	—	—	—	—	—	—
溶解性総磷	(mg/L)	—	—	—	—	—	—
溶解性オルト磷酸態磷	(mg/L)	—	—	—	—	—	—
貯水位	(m)	306.08	305.16	307.26	307.30	308.44	308.04

放水口地点(St.100) 水質調査結果 (2)

項目	月・日	7・13	8・3	9・22	10・12	11・9	12・8
	時刻	8:45	8:45	9:10	8:50	8:45	8:50
	採取水深 (m)	1.9	1.6	1.6	2.0	3.3	2.1
天候		雨	曇	曇	晴	曇	晴
気温	(℃)	25.0	30.0	24.0	20.0	12.0	-0.5
全水深	(m)	9.5	8.2	7.9	10.0	16.5	10.5
水温	(℃)	18.1	20.6	19.8	18.4	14.3	11.1
透明度	(m)	2.5	4.0	1.2	2.8	3.4	2.0
水色		6	8	10	10	6	7
pH	-	7.3	7.9	6.8	7.6	7.7	7.8
COD	(mg/L)	1.3	1.1	1.2	1.4	1.1	1.3
BOD	(mg/L)	0.1	0.5	0.1	0.7	0.7	<0.1
SS	(mg/L)	2.0	1.7	4.3	1.8	1.2	2.3
DO	(mg/L)	9.2	8.4	8.4	8.7	9.1	11.0
DO飽和度	(%)	100.4	96.0	94.6	95.5	91.8	103.3
大腸菌群数	(MPN/100ml)	1700	1100	4900	790	1400	170
濁度	(度)	2.3	1.5	5.3	1.9	0.6	2.6
電気伝導度	(mS/m)	3.8	4.3	4.7	4.1	4.4	4.0
総磷	(mg/L)	0.009	0.008	0.019	0.009	0.006	0.007
オルト磷酸態磷	(mg/L)	-	-	-	-	-	-
総窒素	(mg/L)	0.315	0.285	0.394	0.391	0.334	0.299
亜硝酸態窒素	(mg/L)	-	-	-	-	-	-
硝酸態窒素	(mg/L)	-	-	-	-	-	-
アンモニア態窒素	(mg/L)	-	-	-	-	-	-
クロロフィル-a	(mg/m ³)	1.02	0.92	2.19	2.07	2.59	1.67
フェオフィチン	(mg/L)	-	-	-	-	-	-
溶解性総磷	(mg/L)	-	-	-	-	-	-
溶解性オルト磷酸態磷	(mg/L)	-	-	-	-	-	-
貯水位	(m)	306.90	305.80	306.59	307.51	314.10	307.97

基準地点 (St. 200) 水質調査結果 (1)

項目	採取水深 (m)	1・20			2・22			3・8		
		時刻			時刻			時刻		
		12:00			12:05			12:05		
天候		雪			雪			雪		
気温 (°C)		2.5			4.0			0.0		
全水深 (m)		82.3			76.2			72.1		
水温 (°C)		8.3	8.1	7.5	5.8	5.7	5.2	5.7	5.1	4.9
透明度 (m)		3.6			3.5			2.8		
水色		8			8			8		
pH	-	7.9	7.6	8.0	8.0	7.4	7.3	8.0	7.5	7.9
COD (mg/L)		1.6	0.7	0.7	0.7	0.7	0.9	0.7	0.8	0.9
BOD (mg/L)		0.2	0.4	0.3	0.4	0.4	0.4	0.3	0.2	1.1
SS (mg/L)		1.8	2.8	4.5	1.7	1.5	7.7	1.8	3.3	6.2
DO (mg/L)		10.7	11.7	11.5	11.8	12.4	12.2	12.0	11.8	11.3
DO飽和度 (%)		94.0	102.3	99.1	97.4	102.0	99.1	98.7	95.6	91.1
大腸菌群数 (MPN/100ml)		11	130	70	2	2	49	2	4	46
濁度 (度)		<0.1	<0.1	1.5	1.6	1.0	4.0	1.9	2.4	10.0
電気伝導度 (mS/m)		3.6	4.9	5.5	3.9	5.1	6.0	4.0	5.1	6.0
総磷 (mg/L)		0.009	0.012	0.013	0.007	0.007	0.019	0.007	0.010	0.021
オルト磷酸態磷 (mg/L)		0.002	0.004	0.011	0.006	0.007	0.013	0.005	0.010	0.018
総窒素 (mg/L)		0.232	0.273	0.266	0.206	0.223	0.237	0.213	0.231	0.276
亜硝酸態窒素 (mg/L)		0.002	0.001	0.003	0.001	0.001	<0.001	0.002	0.002	0.002
硝酸態窒素 (mg/L)		0.159	0.173	0.189	0.156	0.155	0.163	0.163	0.164	0.166
アンモニア態窒素 (mg/L)		0.013	0.012	0.013	0.012	0.012	0.011	0.012	0.016	0.028
クロロフィル-a (mg/m ³)		1.62	1.41	1.11	1.50	1.61	1.58	2.10	1.49	1.72
フェオフィチン (mg/L)		0.0006	0.0010	0.0010	0.0010	0.0009	0.0011	0.0003	0.0007	0.0010
溶解性総磷 (mg/L)		0.004	0.004	0.005	0.003	0.002	0.007	0.002	0.008	0.005
溶解性オルト磷酸態磷 (mg/L)		0.002	<0.001	<0.001	0.002	0.002	0.004	0.002	0.002	0.003
貯水位 (m)		405.86			399.62			392.02		

基準地点 (St. 200) 水質調査結果 (2)

項目	月・日	4-27			5-24			6-15		
	時刻	13:00			14:30			12:20		
	採取水深 (m)	0.5	32.7	64.4	0.5	34.5	68.0	0.5	33.4	65.9
天候		晴			晴			晴		
気温 (°C)		19.0			27.5			26.3		
全水深 (m)		65.4			69.0			66.9		
水温 (°C)		11.7	7.7	7.4	18.0	8.0	7.5	19.9	8.4	7.6
透明度 (m)		1.8			3.8			4.8		
水色		8			9			6		
pH	-	8.3	8.0	7.5	7.9	7.8	7.6	7.8	7.7	7.5
COD (mg/L)		1.4	1.1	1.0	1.1	0.7	0.9	0.8	0.2	0.6
BOD (mg/L)		1.4	<0.1	<0.1	0.6	0.5	<0.1	0.1	0.3	0.6
SS (mg/L)		3.7	5.0	6.5	1.0	1.7	6.0	0.5	1.7	4.8
DO (mg/L)		11.4	10.8	10.9	10.2	11.0	10.0	9.1	9.6	9.4
DO飽和度 (%)		108.6	93.5	93.6	111.1	95.9	86.1	102.7	84.5	81.2
大腸菌群数 (MPN/100ml)		46	49	33	8	11	33	2	5	11
濁度 (度)		<0.1	3.6	6.6	0.9	1.0	11.2	0.2	2.6	8.0
電気伝導度 (mS/m)		4.0	5.0	5.2	5.0	5.3	6.3	4.9	5.0	5.4
総磷 (mg/L)		0.010	0.016	0.020	0.006	0.006	0.017	0.003	0.005	0.012
オルト磷酸態磷 (mg/L)		0.008	0.013	0.016	0.005	0.001	0.007	0.003	0.004	0.011
総窒素 (mg/L)		0.306	0.334	0.315	0.309	0.347	0.370	0.213	0.311	0.334
亜硝酸態窒素 (mg/L)		0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.008	0.010
硝酸態窒素 (mg/L)		0.195	0.246	0.251	0.171	0.238	0.261	0.135	0.237	0.261
アンモニア態窒素 (mg/L)		0.013	0.032	0.036	0.012	0.034	0.046	0.006	0.024	0.025
クロロフィル-a (mg/m ³)		5.99	2.54	1.80	0.80	0.89	0.33	0.42	0.70	0.70
フェオフィチン (mg/L)		0.0010	0.0006	0.0009	0.0005	0.0008	0.0002	0.0003	0.0005	0.0006
溶解性総磷 (mg/L)		0.004	0.005	0.007	0.002	0.002	0.006	0.002	0.002	0.003
溶解性オルト磷酸態磷 (mg/L)		0.001	0.005	0.006	0.002	0.001	0.002	<0.001	<0.001	0.001
貯水位 (m)		386.94			391.20			389.43		

基準地点(St.200) 水質調査結果 (3)

項目	採取水深 (m)	7-13			8-3			9-22		
		時刻			時刻			時刻		
		0.5	39.0	77.0	0.5	37.5	74.0	0.5	39.8	78.5
天候		曇			曇			曇		
気温 (°C)		27.0			30.5			23.5		
全水深 (m)		78.0			75.0			79.5		
水温 (°C)		19.9	9.9	7.7	21.8	12.5	8.0	21.1	17.1	8.2
透明度 (m)		3.1			3.9			2.1		
水色		8			8			10		
pH	-	7.7	7.6	7.5	7.6	7.5	7.6	7.1	6.6	6.4
COD (mg/L)		0.9	0.9	0.7	1.0	0.5	0.6	1.4	1.5	0.7
BOD (mg/L)		0.1	0.3	0.8	0.2	0.1	<0.1	0.7	0.5	0.9
SS (mg/L)		1.0	2.0	1.5	0.5	2.0	1.3	2.2	12.0	3.0
DO (mg/L)		9.3	9.6	8.6	9.8	8.7	9.4	8.7	8.6	6.2
DO飽和度 (%)		105.0	87.7	74.4	114.5	84.4	82.0	100.4	92.0	54.3
大腸菌群数 (MPN/100ml)		790	1100	49	1400	460	230	2300	790	330
濁度 (度)		0.2	0.9	1.6	0.6	<0.1	<0.1	1.6	17.6	1.0
電気伝導度 (mS/m)		4.9	5.7	5.8	5.1	5.9	6.0	4.9	6.4	7.0
総磷 (mg/L)		0.007	0.005	0.009	0.008	0.006	0.007	0.012	0.057	0.006
オルト磷酸態磷 (mg/L)		0.004	0.004	0.004	0.004	0.006	0.006	0.001	0.009	0.006
総窒素 (mg/L)		0.276	0.270	0.347	0.293	0.277	0.308	0.328	0.376	0.320
亜硝酸態窒素 (mg/L)		0.002	0.001	0.001	0.002	<0.001	0.002	0.003	0.007	<0.001
硝酸態窒素 (mg/L)		0.179	0.213	0.290	0.216	0.261	0.274	0.257	0.337	0.290
アンモニア態窒素 (mg/L)		0.014	0.018	0.010	0.017	0.013	0.020	0.008	0.020	0.009
クロロフィル-a (mg/m ³)		1.13	1.00	0.65	1.19	0.17	0.21	2.76	0.36	0.19
フェオフィチン (mg/L)		0.0004	0.0006	0.0003	0.0002	0.0001	0.0001	0.0005	0.0006	0.0002
溶解性総磷 (mg/L)		0.004	0.002	0.007	0.008	0.005	0.004	0.011	0.029	0.003
溶解性オルト磷酸態磷 (mg/L)		0.002	0.002	0.002	0.002	0.003	0.003	0.001	0.009	0.001
貯水位 (m)		400.32			399.30			405.03		

基準地点 (St. 200) 水質調査結果 (4)

項目	月・日	10-12			11-9			12-8		
	時刻	12:10			12:25			12:00		
	採取水深 (m)	0.5	38.8	76.5	0.5	35.0	69.1	0.5	36.0	70.9
天候		晴			曇			晴		
気温 (°C)		26.0			17.0			10.0		
全水深 (m)		77.5			70.1			71.9		
水温 (°C)		19.7	17.5	8.7	15.7	14.7	9.0	12.5	12.3	9.3
透明度 (m)		4.3			4.2			4.5		
水色		9			6			7		
pH		7.4	6.9	6.6	7.7	7.3	6.9	7.6	7.6	7.6
COD (mg/L)		1.2	1.0	1.1	1.0	1.1	0.8	1.1	1.3	1.7
BOD (mg/L)		0.6	0.4	0.7	0.1	0.2	1.2	<0.1	0.1	0.7
SS (mg/L)		1.3	1.7	11.0	0.1	0.3	9.7	0.1	0.4	21.0
DO (mg/L)		9.5	8.6	6.1	8.9	8.7	5.1	10.6	9.5	4.0
DO飽和度 (%)		106.8	92.7	54.1	92.5	88.5	45.6	102.8	91.7	36.0
大腸菌群数 (MPN/100ml)		330	1400	1100	280	3300	1300	170	330	330
濁度 (度)		2.2	4.6	27.0	4.2	25.8	11.7	1.7	1.8	40.4
電気伝導度 (mS/m)		4.6	4.8	5.5	3.6	3.9	4.4	3.3	3.3	3.9
総磷 (mg/L)		0.006	0.012	0.027	0.004	0.007	0.028	0.004	0.008	0.019
オルト磷酸態磷 (mg/L)		0.002	0.002	0.003	0.003	0.003	0.006	<0.001	0.001	0.001
総窒素 (mg/L)		0.322	0.307	0.346	0.292	0.342	0.368	0.294	0.299	0.403
亜硝酸態窒素 (mg/L)		0.001	0.001	0.001	0.001	0.002	0.004	0.002	0.002	<0.001
硝酸態窒素 (mg/L)		0.251	0.263	0.308	0.226	0.285	0.307	0.255	0.253	0.334
アンモニア態窒素 (mg/L)		0.008	0.012	0.012	0.008	0.016	0.016	0.003	0.006	0.013
クロロフィル-a (mg/m ³)		3.02	0.56	0.69	2.23	0.45	0.68	1.32	1.68	1.44
フェオフィチン (mg/L)		0.0006	0.0007	0.0010	0.0004	0.0004	0.0010	0.0008	0.0010	0.0018
溶解性総磷 (mg/L)		0.005	0.005	0.005	0.003	0.006	0.009	0.003	0.002	0.008
溶解性オルト磷酸態磷 (mg/L)		0.002	0.002	0.002	0.001	0.003	0.003	<0.001	<0.001	0.001
貯水位 (m)		402.14			403.06			406.06		

補助地点(St.203) 水質調査結果 (1)

項目	月・日	1・20	2・22	3・8	4・27	5・24	6・15
	時刻	11:15	11:15	11:05	11:45	11:50	11:00
	採取水深 (m)	0.5	0.5	0.5	0.5	0.5	0.5
天候		雪	曇	雪	晴	晴	晴
気温 (°C)		1.5	3.5	0.5	18.5	27.0	24.5
全水深 (m)		44.1	38.3	29.0	24.4	26.0	25.5
水温 (°C)		8.3	5.7	5.8	12.1	17.8	20.8
透明度 (m)		4.6	4.2	2.3	1.6	3.4	4.2
水色		8	8	9	8	9	6
pH	-	7.7	8.0	7.7	8.2	7.8	7.7
COD (mg/L)		0.7	0.6	0.7	1.3	1.0	0.7
BOD (mg/L)		0.7	0.3	0.4	1.1	0.8	0.2
SS (mg/L)		1.7	1.3	2.3	3.3	0.1	0.6
DO (mg/L)		10.9	11.8	11.9	11.4	10.1	9.0 8.8
DO飽和度 (%)		95.8	97.1	98.2	109.6	109.5	98.7
大腸菌群数 (MPN/100ml)		11	5	13	49	8	5
濁度 (度)		<0.1	2.3	2.8	<0.1	1.0	0.5
電気伝導度 (mS/m)		3.6	3.9	4.0	3.9	5.0	4.8
総磷 (mg/L)		0.007	0.007	0.011	0.012	0.007	0.004
オルト磷酸態磷 (mg/L)		0.005	0.007	0.007	0.009	0.005	0.002
総窒素 (mg/L)		0.237	0.226	0.242	0.315	0.244	0.234
亜硝酸態窒素 (mg/L)		0.002	0.001	0.001	0.002	0.002	0.002
硝酸態窒素 (mg/L)		0.164	0.154	0.161	0.192	0.170	0.139
アンモニア態窒素 (mg/L)		0.012	0.011	0.014	0.014	0.012	0.006
クロロフィル-a (mg/m ³)		1.97	1.45	1.73	5.91	1.00	1.19
フェオフィチン (mg/L)		-	-	-	-	-	-
溶解性総磷 (mg/L)		0.004	0.004	0.003	0.005	0.003	0.002
溶解性オルト磷酸態磷 (mg/L)		0.002	0.002	0.002	0.003	0.002	<0.001
貯水位 (m)		405.86	399.62	392.02	386.94	391.20	389.43

補助地点(St. 203) 水質調査結果 (2)

項目	月・日	7・13	8・3	9・22	10・12	11・9	12・8
	時刻	11:10	11:20	11:45	11:00	11:00	10:45
	採取水深 (m)	0.5	0.5	0.5	0.5	0.5	0.5
天候		曇	曇	曇	晴	曇	晴
気温	(°C)	27.5	29.5	24.0	23.0	15.0	8.0
全水深	(m)	36.0	36.2	42.3	38.3	41.2	40.6
水温	(°C)	24.4	24.3	22.1	19.9	15.5	12.4
透明度	(m)	3.8	4.0	3.1	4.3	3.7	5.0
水色		8	9	11	10	6	6
pH	—	7.8	7.7	7.4	7.6	7.4	7.8
COD	(mg/L)	1.1	1.1	1.5	1.9	1.3	1.1
BOD	(mg/L)	0.6	0.7	1.2	1.1	0.7	0.3
SS	(mg/L)	0.5	0.2	1.7	1.3	1.0	0.5
DO	(mg/L)	8.8	9.4	8.9	9.7	9.2	9.9
DO飽和度	(%)	107.4	114.6	104.5	109.5	95.2	95.8
大腸菌群数	(MPN/100ml)	330	49	1100	700	1700	700
濁度	(度)	0.6	0.6	0.3	2.4	0.5	1.8
電気伝導度	(mS/m)	6.0	5.7	4.9	4.6	3.5	3.4
総磷	(mg/L)	0.007	0.010	0.015	0.007	0.006	0.004
オルト磷酸態磷	(mg/L)	0.003	0.004	0.005	0.002	0.002	0.002
総窒素	(mg/L)	0.268	0.267	0.360	0.386	0.295	0.294
亜硝酸態窒素	(mg/L)	0.002	0.003	0.002	0.001	0.002	0.003
硝酸態窒素	(mg/L)	0.143	0.209	0.222	0.229	0.230	0.242
アンモニア態窒素	(mg/L)	0.017	0.005	0.017	0.012	0.009	0.008
クロロフィルーa	(mg/m ³)	1.61	1.67	6.46	5.29	2.91	1.61
フェオフィチン	(mg/L)	—	—	—	—	—	—
溶解性総磷	(mg/L)	0.005	0.007	0.013	0.004	0.004	0.003
溶解性オルト磷酸態磷	(mg/L)	0.002	0.004	0.004	<0.001	0.001	<0.001
貯水位	(m)	400.32	399.30	405.03	402.14	403.06	406.06

補助地点 (St. 205) 水質調査結果 (1)

項目	月・日	1・20	2・22	3・8	4・27	5・24	6・15
	時刻	10:40	10:40	10:35	10:55	10:40	10:25
	採取水深 (m)	0.5	0.5	0.5	0.5	0.5	0.5
天候		雪	晴	雪	晴	晴	晴
気温	(°C)	2.5	7.0	2.0	16.0	27.0	25.5
全水深	(m)	24.4	19.7	12.4	5.5	9.8	8.0
水温	(°C)	8.3	5.6	5.4	12.2	18.1	20.2
透明度	(m)	4.3	2.3	1.1	2.0	4.2	4.7
水色		8	8	10	8	8	8
pH	-	8.0	7.9	7.8	8.2	7.9	7.7
COD	(mg/L)	0.9	0.7	1.0	0.7	1.0	1.1
BOD	(mg/L)	0.1	0.5	0.3	1.0	0.8	0.8
SS	(mg/L)	1.7	1.2	7.0	2.7	1.0	0.8
DO	(mg/L)	10.5	12.0	11.3	10.7	11.0	9.0
DO飽和度	(%)	92.2	98.5	92.3	103.1	120.0	102.2
大腸菌群数	(MPN/100ml)	33	0	23	8	31	22
濁度	(度)	<0.1	2.3	7.3	0.2	<0.1	<0.1
電気伝導度	(mS/m)	3.7	3.9	4.0	3.5	5.1	4.4
総磷	(mg/L)	0.009	0.004	0.022	0.009	0.006	0.005
オルト磷酸態磷	(mg/L)	0.005	0.004	0.014	0.007	0.005	0.002
総窒素	(mg/L)	0.275	0.217	0.333	0.306	0.282	0.234
亜硝酸態窒素	(mg/L)	0.001	0.001	0.005	0.002	0.002	0.002
硝酸態窒素	(mg/L)	0.162	0.152	0.218	0.222	0.188	0.145
アンモニア態窒素	(mg/L)	0.010	0.011	0.047	0.011	0.012	0.006
クロロフィル a	(mg/m ³)	2.13	1.27	1.27	3.36	1.51	2.34
フェオフィチン	(mg/L)	-	-	-	-	-	-
溶解性総磷	(mg/L)	0.004	0.002	0.005	0.005	0.002	0.004
溶解性オルト磷酸態磷	(mg/L)	0.002	0.002	0.003	0.003	0.001	<0.001
貯水位	(m)	405.86	399.62	392.02	386.94	391.20	389.43

補助地点 (St. 205) 水質調査結果 (2)

項目	月・日	7-13	8-3	9-22	10-12	11-9	12-8
	時刻	10:30	10:35	11:00	10:15	10:20	10:10
	採取水深 (m)	0.5	0.5	0.5	0.5	0.5	0.5
天候		曇	曇	曇	晴	曇	晴
気温	(°C)	26.5	29.5	24.0	22.0	14.5	6.5
全水深	(m)	19.7	17.9	24.4	21.7	22.3	25.5
水温	(°C)	17.3	26.3	22.2	19.8	15.4	12.2
透明度	(m)	4.3	4.3	3.5	4.0	3.1	4.8
水色		8	8	11	9	7	6
pH	-	7.5	7.9	7.3	7.3	7.8	7.8
COD	(mg/L)	0.9	1.3	1.6	1.5	1.3	1.7
BOD	(mg/L)	0.5	<0.1	0.8	0.6	0.6	0.2
SS	(mg/L)	0.5	0.3	1.5	1.3	1.5	0.3
DO	(mg/L)	9.3	9.0	8.3	9.5	9.0	9.7
DO飽和度	(%)	99.9	113.2	97.6	107.0	93.0	93.4
大腸菌群数	(MPN/100ml)	790	49	490	11000	2800	230
濁度	(度)	1.0	0.5	0.6	2.4	1.3	1.7
電気伝導度	(mS/m)	5.9	5.0	4.8	4.6	3.6	3
総磷	(mg/L)	0.006	0.011	0.010	0.007	0.005	0.005
オルト磷酸態磷	(mg/L)	0.002	0.004	0.005	0.002	0.003	0.002
総窒素	(mg/L)	0.265	0.311	0.331	0.322	0.331	0.299
亜硝酸態窒素	(mg/L)	0.002	0.002	0.002	0.001	0.002	0.003
硝酸態窒素	(mg/L)	0.154	0.234	0.232	0.234	0.250	0.247
アンモニア態窒素	(mg/L)	0.022	0.014	0.013	0.008	0.009	0.007
クロロフィル a	(mg/m ³)	1.23	1.54	4.57	3.78	1.10	2.05
フェオフィチン	(mg/L)	-	-	-	-	-	-
溶解性総磷	(mg/L)	0.005	0.007	0.009	0.004	0.002	0.002
溶解性オルト磷酸態磷	(mg/L)	0.001	0.002	0.005	<0.001	<0.001	<0.001
貯水位	(m)	400.32	399.30	405.03	402.14	403.06	406.06

弓掛川地点(St. 301) 水質調査結果 (1)

項目	月・日	1・20	2・22	3・8	4・27	5・24	6・15
	時刻	12:20	11:50	11:40	12:40	11:30	13:30
	採取水深 (m)	0.2	0.3	0.2	0.2	0.2	0.2
天候		雪	曇	雪	晴	晴	晴
気温 (°C)		1.0	2.0	0.0	16.0	28.5	27.5
全水深 (m)		1.0	1.4	0.9	1.1	1.2	1.2
水温 (°C)		4.2	1.8	2.6	11.8	16.1	19.4
透明度 (m)		1.0	1.4	0.9	1.1	1.2	1.2
水色		11	11	12	11	10	11
pH	—	7.9	7.8	7.8	7.7	8.2	7.8
COD (mg/L)		<0.1	0.7	<0.1	0.9	0.7	0.1
BOD (mg/L)		0.1	0.3	0.1	<0.1	<0.1	0.1
SS (mg/L)		<0.1	<0.1	1.2	3.0	0.2	0.3
DO (mg/L)		12.1	13.2	12.7	10.4	9.7	9.0
DO飽和度 (%)		95.8	98.0	96.3	99.3	101.7	100.7
大腸菌群数 (MPN/100ml)		22	14	31	79	79	110
濁度 (度)		<0.1	<0.1	1.0	<0.1	0.3	<0.1
電気伝導度 (mS/m)		3.9	4.4	4.5	3.5	3.8	4.0
総磷 (mg/L)		0.004	0.004	0.008	0.006	0.005	0.006
オルト磷酸態磷 (mg/L)		0.004	0.004	0.006	0.006	0.004	0.003
総窒素 (mg/L)		0.253	0.206	0.348	0.188	0.256	0.252
亜硝酸態窒素 (mg/L)		0.002	<0.001	<0.001	<0.001	<0.001	0.002
硝酸態窒素 (mg/L)		0.194	0.151	0.287	0.167	0.151	0.188
アンモニア態窒素 (mg/L)		0.009	0.011	0.012	0.011	0.012	0.009
クロロフィル a (mg/m ³)		0.57	0.28	0.49	0.47	0.52	0.72
フェオフィチン (mg/L)		—	—	—	—	—	—
溶解性総磷 (mg/L)		0.002	0.003	0.005	0.005	0.003	0.005
溶解性オルト磷酸態磷 (mg/L)		0.002	0.003	0.004	0.005	0.002	0.003
貯水位 (m)		428.40					

弓掛川地点(St. 301) 水質調査結果 (2)

項目	月・日	7・13	8・3	9・22	10・12	11・9	12・8
	時刻	12:00	12:20	12:20	12:35	12:30	12:10
	採取水深 (m)	0.2	0.2	0.2	0.2	0.2	0.3
天候		曇	曇	曇	晴	曇	晴
気温	(℃)	26.0	29.5	22.0	22.5	14.5	6.5
全水深	(m)	1.1	1.1	1.0	1.0	1.1	1.4
水温	(℃)	18.4	21.5	17.3	15.6	11.3	3.9
透明度	(m)	1.1	1.1	1.0	1.0	1.1	1.4
水色		9	7	9	13	4	5
pH	—	7.8	7.9	7.7	7.7	8.2	7.5
COD	(mg/L)	0.6	0.8	0.5	0.1	0.5	1.1
BOD	(mg/L)	<0.1	0.1	0.1	0.1	1.0	0.3
SS	(mg/L)	0.2	1.2	0.2	0.2	0.5	0.8
DO	(mg/L)	9.0	8.4	9.0	9.4	10.4	12.5
DO飽和度	(%)	98.8	97.6	96.6	97.5	98.1	98.1
大腸菌群数	(MPN/100ml)	940	1700	2200	700	490	140
濁度	(度)	0.1	1.1	0.1	0.1	0.1	0.1
電気伝導度	(mS/m)	4.1	3.9	4.9	4.1	3.7	4
総磷	(mg/L)	0.007	0.013	0.009	0.006	0.005	0.006
オルト磷酸態磷	(mg/L)	0.006	0.007	0.006	0.004	0.005	0.003
総窒素	(mg/L)	0.185	0.247	0.222	0.133	0.182	0.164
亜硝酸態窒素	(mg/L)	0.002	0.004	<0.001	<0.001	<0.001	<0.001
硝酸態窒素	(mg/L)	0.149	0.208	0.192	0.107	0.157	0.155
アンモニア態窒素	(mg/L)	0.012	0.019	0.010	0.006	0.013	0.005
クロロフィルーa	(mg/m ³)	0.33	0.25	0.16	0.56	0.23	0.26
フェオフィチン	(mg/L)	—	—	—	—	—	—
溶解性総磷	(mg/L)	0.005	0.009	0.009	0.004	0.003	0.005
溶解性オルト磷酸態磷	(mg/L)	0.005	0.007	0.006	0.004	0.003	0.002
貯水位	(m)	428.40					

馬瀬川上流地点(St. 302) 水質調査結果 (1)

項目	月・日	1・20	2・22	3・8	4・27	5・24	6・15
	時刻	11:20	11:30	11:20	11:50	11:00	11:10
	採取水深 (m)	0.1	0.1	0.1	0.2	0.1	0.1
天候		雪	曇	雪	晴	晴	晴
気温	(°C)	1.0	2.5	0.7	16.5	25.0	26.5
全水深	(m)	0.5	0.5	0.4	0.9	0.5	0.6
水温	(°C)	4.4	2.4	3.3	11.1	15.1	18.3
透明度	(m)	0.5	0.5	0.4	0.9	0.5	0.6
水色		12	12	10	12	9	11
pH	—	8.0	7.9	7.8	7.6	8.2	7.8
COD	(mg/L)	0.6	0.6	<0.1	<0.1	1.0	1.1
BOD	(mg/L)	0.2	0.5	0.2	<0.1	0.6	0.2
SS	(mg/L)	<0.1	<0.1	<0.1	<0.1	1.0	0.5
DO	(mg/L)	12.4	13.0	12.7	10.7	9.8	9.5
DO飽和度	(%)	98.6	98.1	98.1	100.5	100.6	104.0
大腸菌群数	(MPN/100ml)	140	23	49	110	170	490
濁度	(度)	0.6	<0.1	<0.1	<0.1	<0.1	0.1
電気伝導度	(mS/m)	4.1	4.8	4.9	3.4	4.6	4.4
総磷	(mg/L)	0.005	0.006	0.005	0.008	0.005	0.008
オルト磷酸態磷	(mg/L)	0.003	0.005	0.005	0.008	0.003	0.003
総窒素	(mg/L)	0.278	0.214	0.270	0.188	0.246	0.265
亜硝酸態窒素	(mg/L)	0.004	0.001	0.001	0.002	<0.001	0.002
硝酸態窒素	(mg/L)	0.202	0.125	0.203	0.153	0.095	0.129
アンモニア態窒素	(mg/L)	0.013	0.015	0.012	0.013	0.018	0.018
クロロフィルーa	(mg/m ³)	0.75	0.31	0.67	0.86	1.01	0.70
フェオフィチン	(mg/L)	—	—	—	—	—	—
溶解性総磷	(mg/L)	0.004	0.004	0.005	0.007	0.003	0.005
溶解性オルト磷酸態磷	(mg/L)	0.002	0.004	0.004	0.007	0.002	<0.001
貯水位	(m)	455.20					

馬瀬川上流地点(St. 302) 水質調査結果 (2)

項目	月・日	7-13	8-3	9-22	10-12	11-9	12-8
	時刻	11:10	11:45	11:50	11:50	11:30	11:25
	採取水深 (m)	0.1	0.1	0.1	0.1	0.1	0.1
天候		曇	曇	曇	晴	曇	晴
気温	(°C)	28.3	31.0	24.0	26.0	13.0	10.5
全水深	(m)	0.4	0.7	0.6	0.5	0.6	0.5
水温	(°C)	18.1	21.3	16.9	16.0	10.7	5.8
透明度	(m)	0.4	0.7	0.6	0.5	0.6	0.5
水色		7	6	8	13	4	6
pH	—	8.0	7.8	7.9	6.5	8.0	7.9
COD	(mg/L)	0.6	1.0	0.1	0.6	0.5	1.1
BOD	(mg/L)	<0.1	0.2	<0.1	0.3	0.1	0.2
SS	(mg/L)	0.1	1.0	0.5	0.5	0.7	0.4
DO	(mg/L)	8.9	8.4	9.0	9.6	10.5	12.3
DO飽和度	(%)	97.1	97.3	95.9	100.4	97.7	101.5
大腸菌群数	(MPN/100ml)	2200	490	1100	3300	1300	490
濁度	(度)	0.1	0.2	2.2	0.2	0.2	0.2
電気伝導度	(mS/m)	4.2	3.9	6.3	4.8	3.9	4
総磷	(mg/L)	0.009	0.010	0.009	0.005	0.007	0.005
オルト磷酸態磷	(mg/L)	0.005	0.005	0.007	0.003	0.006	0.003
総窒素	(mg/L)	0.159	0.213	0.241	0.104	0.202	0.154
亜硝酸態窒素	(mg/L)	0.002	0.001	<0.001	<0.001	<0.001	0.001
硝酸態窒素	(mg/L)	0.096	0.124	0.203	0.076	0.168	0.142
アンモニア態窒素	(mg/L)	0.013	0.017	0.009	0.012	0.009	0.007
クロロフィルーa	(mg/m ³)	0.89	0.44	0.20	0.79	0.26	0.33
フェオフィチン	(mg/L)	—	—	—	—	—	—
溶解性総磷	(mg/L)	0.006	0.008	0.009	0.004	0.003	0.005
溶解性オルト磷酸態磷	(mg/L)	0.005	0.005	0.007	<0.001	0.003	0.003
貯水位	(m)	455.20					

飛騨川地点 (St.303) 水質調査結果 (1)

項目	月・日	1-20	2-22	3-8	4-27	5-24	6-15
	時刻	10:30	10:30	10:30	11:10	10:15	10:30
	採取水深 (m)	0.1	0.1	0.1	0.1	0.1	0.1
天候		雪	晴	曇	晴	晴	晴
気温	(°C)	4.0	2.5	3.4	16.5	28.0	28.0
全水深	(m)	(測定不可)					
水温	(°C)	4.2	3.0	4.5	8.2	11.5	13.9
透明度	(m)	(測定不可)					
水色		12	10	9	12	8	10
pH	-	6.9	8.0	7.1	7.3	8.1	7.6
COD	(mg/L)	0.6	0.8	1.2	0.9	1.3	0.9
BOD	(mg/L)	0.1	0.5	0.3	<0.1	1.0	0.3
SS	(mg/L)	<0.1	2.3	5.8	2.3	2.3	1.2
DO	(mg/L)	12.2	13.1	13.3	11.4	10.3	9.9
DO飽和度	(%)	96.5	100.4	106.1	99.9	97.6	99.0
大腸菌群数	MPN/100ml	790	790	460	170	790	460
濁度	(度)	1.1	2.2	6.1	2.4	1.5	0.7
電気伝導度	(mS/m)	6.0	7.7	6.7	4.6	4.6	5.8
総磷	(mg/L)	0.009	0.012	0.021	0.011	0.010	0.012
オルト磷酸態磷	(mg/L)	0.005	0.008	0.015	0.009	0.006	0.003
総窒素	(mg/L)	0.321	0.274	0.374	0.254	0.317	0.316
亜硝酸態窒素	(mg/L)	0.003	0.003	0.005	0.002	0.001	0.002
硝酸態窒素	(mg/L)	0.266	0.203	0.272	0.213	0.181	0.227
アンモニア態窒素	(mg/L)	0.013	0.021	0.029	0.016	0.014	0.014
クロロフィル a	(mg/m ³)	0.92	1.00	2.27	2.89	1.72	1.64
フェオフィチン	(mg/L)	-	-	-	-	-	-
溶解性総磷	(mg/L)	0.005	0.006	0.009	0.005	0.003	0.007
溶解性オルト磷酸態磷	(mg/L)	0.002	0.005	0.006	0.005	0.002	<0.001
貯水位	(m)	384.50					
記事		この地点は導水路であり、流速が大きすぎるため全水深と透明度は測定不可である。					

飛騨川地点(St.303) 水質調査結果 (2)

項目	月・日	7-13	8-3	9-22	10-12	11-9	12-8
	時刻	10:30	10:30	10:55	10:35	10:30	10:35
	採取水深 (m)	0.1	0.1	0.1	0.1	0.1	0.1
天候		曇	曇	曇	晴	曇	晴
気温	(°C)	29.1	32.0	25.0	23.0	15.0	8.5
全水深	(m)	(測定不可)					
水温	(°C)	18.3	20.8	16.9	15.6	10.3	4.8
透明度	(m)	(測定不可)					
水色		9	13	14	13	13	10
pH	-	7.5	7.7	7.7	6.6	7.9	7.5
COD	(mg/L)	1.3	1.3	1.1	1.0	1.4	2.0
BOD	(mg/L)	0.1	0.2	0.3	0.3	0.6	0.4
SS	(mg/L)	1.2	1.2	2.5	1.7	2.8	14.0
DO	(mg/L)	8.4	8.5	9.3	9.6	11.1	12.6
DO飽和度	(%)	92.0	97.5	99.1	99.6	102.3	101.3
大腸菌群数	(MPN/100ml)	700	3300	2200	7900	1300	790
濁度	(度)	0.6	0.8	2.9	1.2	1.8	7.4
電気伝導度	(mS/m)	6.1	6.4	6.8	6.5	5.1	7
総磷	(mg/L)	0.009	0.013	0.015	0.011	0.013	0.024
オルト磷酸態磷	(mg/L)	0.004	0.005	0.006	0.003	0.005	0.001
総窒素	(mg/L)	0.332	0.331	0.307	0.262	0.286	0.558
亜硝酸態窒素	(mg/L)	0.002	0.002	0.002	0.001	0.002	0.001
硝酸態窒素	(mg/L)	0.232	0.246	0.236	0.199	0.200	0.241
アンモニア態窒素	(mg/L)	0.019	0.020	0.012	0.012	0.024	0.262
クロロフィル-a	(mg/m ³)	1.00	0.82	0.59	1.21	1.21	1.20
フェオフィチン	(mg/L)	-	-	-	-	-	-
溶解性総磷	(mg/L)	0.006	0.011	0.008	0.006	0.004	0.011
溶解性オルト磷酸態磷	(mg/L)	0.004	0.005	0.004	0.002	0.001	0.001
貯水位	(m)	384.50					
記事		この地点は導水路であり、流速が大きすぎるため全水深と透明度は測定不可である。					

補助地点 (St. 203) D O 調査結果

平成12年 単位: mg/L

水深 (m)	地点	1・20	2・22	3・8	4・27	5・24	6・15	7・13	8・3	9・22	10・12	11・9	12・8
0.1		11.0	11.8	12.0	11.3	10.1	8.8	8.8	9.2	8.8	9.6	9.2	10.1
0.5		10.9	11.8	11.9	11.4	10.1	9.0	8.8	9.4	8.9	9.7	9.2	9.9
1		10.7	11.8	11.8	11.6	10.1	9.1	8.9	9.8	8.8	9.7	9.2	9.8
2		10.5	11.9	11.8	12.0	10.5	9.3	9.3	10.0	9.0	9.7	9.2	9.7
3		10.3	11.9	11.7	12.2	10.7	9.5	9.8	10.4	8.6	9.7	9.2	9.7
4		10.1	12.0	11.7	12.3	10.9	9.6	10.5	10.3	8.2	9.7	9.2	9.7
5		10.0	12.0	11.6	12.6	11.1	9.6	10.8	10.1	8.0	9.2	9.1	9.7
6		9.9	12.1	11.6	12.6	11.3	9.5	11.0	10.1	8.0	8.9	9.1	9.7
7		9.8	12.1	11.6	12.8	11.7	9.4	11.0	10.1	8.0	8.7	9.1	9.6
8		9.7	12.2	11.6	12.6	11.7	9.4	11.1	9.4	8.0	8.6	9.1	9.6
9		9.6	12.2	11.6	12.4	11.7	9.4	11.1	8.0	7.9	8.5	9.1	9.6
10		9.5	12.2	11.6	12.2	11.9	9.4	10.9	7.2	8.0	8.5	9.1	9.6
11		9.5	12.2	11.6	12.2	11.5	9.3	10.7	7.0	8.1	8.4	9.1	9.6
12		9.5	12.3	11.5	12.0	11.9	9.2	10.6	6.7	8.1	8.4	9.0	9.6
13		9.5	12.3	11.5	11.8	11.7	9.2	10.6	6.3	8.0	8.4	9.0	9.6
14		9.5	12.3	11.5	11.6	11.7	9.2	10.6	6.2	8.2	8.4	9.0	9.6
15		9.5	12.3	11.5	11.6	11.7	9.2	10.6	6.0	8.2	8.5	9.0	9.6
16		9.5	12.3	11.5	11.6	11.6	9.2	10.6	6.0	8.4	8.6	9.0	9.6
17		9.5	12.4	11.5	11.5	11.5	9.0	10.2	5.8	8.4	8.8	9.0	9.6
18		9.4	12.4	11.5	11.4	11.4	9.0	10.2	5.7	8.5	8.9	9.0	9.5
19		9.4	12.4	11.5	11.4	11.3	9.0	10.2	5.6	8.7	9.0	9.0	9.5
20		9.3	12.5	11.5	11.4	11.2	9.0	10.2	5.6	8.7	9.1	9.0	9.5
21		9.3	12.5	11.4	11.4	11.1	9.0	10.1	5.4	8.6	9.1	9.0	9.5
22		9.3	12.5	11.4	11.3	11.1	9.0	10.0	5.3	8.7	9.1	8.9	9.5
23		9.3	12.5	11.4		11.1	8.9	9.8	5.0	8.5	9.3	8.9	9.5
24		9.3	12.6	11.4		11.2	8.9	9.3	5.0	8.6	9.3	8.9	9.5
25		9.3	12.6	11.4		11.3		9.2	4.9	8.5	9.3	8.9	9.5
26		9.3	12.6	11.4				8.9	4.8	8.4	9.2	8.9	9.5
27		9.4	12.6	11.4				8.7	4.8	8.2	9.2	8.9	9.5
28		9.4	12.6	11.4				8.1	4.8	8.2	9.2	8.9	9.5
29		9.4	12.6					7.8	4.5	8.2	9.2	8.9	9.5
30		9.4	12.6					8.1	4.5	8.2	9.1	8.9	9.5
31		9.4	12.6					8.2	4.4	8.2	9.0	8.9	9.5
32		9.5	12.6					8.2	4.2	8.3	8.9	8.8	9.5
33		9.5	12.6					8.2	4.0	8.0	8.8	8.8	9.5
34		9.7	12.6					8.1	3.8	8.1	8.8	8.8	9.5
35		9.7	12.6						3.7	8.0	8.8	8.8	9.6
36		9.7	12.6							8.1	8.6	8.8	9.5
37		9.8	12.6							8.0	8.3	8.7	9.5
38		9.8								8.0		8.7	9.5
39		9.8								7.9		8.7	9.5
40		9.8								8.0		8.7	
41		9.8								6.4			
42		9.8											
43		9.8											
44													
45													
46													
47													
48													
49													
50													
底+1		9.8	12.6	11.4	11.1	11.3	8.9	7.9	8.0	9.0	8.3	8.6	9.5
全水深		44.1	38.3	29.0	24.4	25.0	25.5	36.0	36.2	42.3	38.3	41.2	40.6
1/2DO		9.3	12.4	11.5	12.0	11.7	9.2	10.2	9.3	9.0	9.0	9.0	9.5
1/2水深		22.1	19.2	14.5	12.2	13.0	12.8	18.0	18.1	21.2	19.2	20.6	20.3

補助地点 (St. 203) D O 飽和度

地点 水深 (m)	1-20	2-22	3-8	4-27	5-24	6-15	7-13	8-3	9-22	10-12	11-9	12-8
0.1	96.4	97.1	98.7	109.6	111.5	101.4	107.9	115.4	103.5	108.8	95.2	97.5
0.5	95.8	97.1	98.2	109.6	109.5	103.3	107.4	114.6	104.5	109.5	95.2	95.8
1	94.0	97.1	97.4	110.5	108.5	102.5	106.1	119.2	103.2	108.9	95.2	94.6
2	92.0	97.9	97.4	111.7	106.4	101.6	105.8	115.8	104.0	108.7	95.0	93.7
3	90.3	97.9	96.5	112.5	106.3	98.9	108.4	117.2	97.4	108.1	95.0	93.4
4	88.7	98.7	96.5	112.9	107.1	99.4	115.0	114.8	92.7	107.5	95.0	93.4
5	87.6	98.7	95.5	114.8	107.9	98.1	117.8	111.9	90.1	101.1	94.0	93.4
6	86.8	99.6	95.5	114.0	109.6	96.9	119.5	111.7	90.0	97.7	93.8	93.4
7	86.9	99.6	95.5	115.5	113.0	95.5	119.1	110.8	89.6	95.3	93.8	92.5
8	85.0	100.4	95.5	112.9	112.7	95.1	119.7	102.3	89.5	94.2	93.8	92.5
9	84.1	100.4	95.5	110.8	111.9	93.8	119.2	87.1	88.4	98.1	93.8	92.5
10	83.3	100.4	95.5	108.8	112.8	93.0	116.8	78.4	89.5	92.9	93.8	92.5
11	83.3	100.4	95.5	108.2	108.5	91.6	114.2	76.1	90.4	91.8	93.6	92.5
12	83.3	101.2	94.6	105.9	112.0	90.2	113.1	72.8	90.2	91.8	92.6	92.5
13	83.3	101.2	94.6	103.4	109.9	89.8	113.1	68.5	89.1	91.8	92.6	92.5
14	83.3	101.2	94.6	101.4	109.4	89.6	112.9	67.2	91.4	91.8	92.6	92.5
15	83.3	101.2	94.6	101.4	109.1	89.4	112.7	64.9	91.4	92.7	92.6	92.5
16	83.3	101.2	94.6	101.4	108.0	89.2	112.7	64.9	93.4	93.8	92.6	92.5
17	83.3	102.0	94.4	100.5	106.8	87.1	108.2	62.8	93.4	96.0	92.6	92.5
18	82.4	102.0	94.4	99.7	105.6	86.7	108.2	61.7	94.5	97.1	92.6	91.5
19	82.4	102.0	94.4	99.7	104.4	86.5	108.0	60.6	96.7	98.2	92.4	91.5
20	81.5	102.9	94.4	99.7	103.5	86.1	108.4	60.5	96.7	99.1	92.4	91.5
21	81.5	102.9	98.6	99.7	102.6	85.1	106.5	58.3	95.6	99.1	92.4	91.5
22	81.5	102.9	93.3	98.8	102.3	84.9	104.8	57.3	96.7	99.1	91.2	91.5
23	81.3	102.9	93.3		101.6	83.4	102.5	54.0	94.5	101.3	91.2	91.5
24	81.3	103.7	93.3		102.3	82.8	96.9	54.0	95.6	101.3	91.2	91.5
25	81.1	103.4	93.1		102.5		95.4	52.8	94.5	101.3	91.2	91.5
26	81.1	103.4	93.1				92.1	51.7	93.4	100.0	91.0	91.5
27	81.8	103.2	92.8				89.5	51.6	91.2	100.0	91.0	91.5
28	81.6	102.9	80.5				82.8	51.5	91.0	100.0	91.0	91.5
29	81.4	102.6					78.5	48.1	91.0	100.0	90.8	91.5
30	80.8	102.4					79.8	48.0	91.0	98.7	90.8	91.3
31	80.4	102.1					79.9	46.9	90.8	97.4	90.6	91.3
32	80.8	102.1					79.2	44.1	91.9	96.3	89.2	91.3
33	80.8	101.8					78.3	41.7	88.5	95.2	88.8	91.3
34	82.1	101.8					77.1	38.5	89.2	95.1	88.8	91.1
35	82.1	101.6						35.8	87.6	95.1	88.6	91.6
36	82.1	101.6							88.5	92.7	88.6	90.7
37	82.9	101.6							87.3	89.5	87.4	90.7
38	82.9								87.1		87.4	90.5
39	82.9								86.0		87.4	90.5
40	82.9								87.3		87.2	
41	82.9								69.3			
42	82.9											
43	82.9											
44												
45												
46												
47												
48												
49												
50										10.0		
底+1	82.9	101.6	92.8	97.0	102.7	82.8	75.2	76.9	97.4	89.5	86.2	90.3
全水深	44.1	38.3	29.0	24.4	26.0	25.5	36.0	36.2	42.3	38.3	41.2	40.6
1/2DO	81.5	102.0	94.6	105.9	109.4	90.2	108.2	100.7	100.1	98.2	92.4	91.5
1/2水深	22.1	19.2	14.5	12.2	13.0	12.8	18.0	18.1	21.2	19.2	20.6	20.3

St. 204 DO 調査結果

平成12年 単位: mg/L

水深 (m)	地点	1-20	2-22	3-8	4-27	5-24	6-15	7-13	8-3	9-22	10-12	11-9	12-8
0.1					9.4	10.0	9.2	9.0	9.2	7.8	9.9	9.2	10.6
0.5						10.2	9.2	9.0	9.4	8.0	10.3	9.2	10.1
1						10.4	9.0	9.2	9.4	8.1	10.3	9.2	9.8
2						10.9	9.0	9.8	9.3	8.2	10.1	9.2	9.7
3						10.9		10.5	9.2	8.3	9.9	9.2	9.7
4								10.8	9.6	8.2	9.9	9.2	9.7
5								11.0	9.4	8.1	9.5	9.2	9.7
6								10.8	9.4	8.0	9.5	9.1	9.7
7								10.8	9.3	8.2	9.5	9.1	9.7
8								10.8	9.3	8.6	9.5	9.1	9.7
9								10.8	9.4	8.4	9.6	9.1	9.7
10								10.6		8.5	9.6	9.0	9.6
11								10.4		8.5	9.6	9.0	9.6
12										8.5	9.6	9.0	9.6
13										8.5	9.7	9.0	9.6
14										8.4	9.7	9.0	9.6
15										8.4	9.7	8.9	
16										8.3			
17										7.9			
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底+1		9.8	12.6	11.4	9.4	10.9	8.9	10.4	8.0	9.0	9.7	8.8	9.6
全水深		19.7	11.0	4.1	0.7	9.8	3.8	12.5	11.0	18.5	16.1	16.7	16.0
1/2DO		9.3	12.4	11.5	9.4	10.9	9.0	10.8	9.3	9.0	9.6	9.1	9.7
1/2水深		9.9	5.5	2.1	0.4	4.9	1.9	6.3	5.5	9.3	8.1	8.4	8.0

St. 204 DO飽和度

水深 (m) \ 地点	1-20	2-22	3-8	4-27	5-24	6-15	7-13	8-3	9-22	10-12	11-9	12-8
0.1				93.0	104.8	104.2	110.2	114.8	91.6	111.8	94.2	100.0
0.5					103.6	102.9	110.0	116.1	93.8	115.8	94.2	96.4
1					102.5	98.4	109.0	115.9	95.0	114.8	94.2	93.6
2					106.0	96.5	111.6	109.6	95.0	112.1	94.0	92.6
3					105.0		117.0	106.0	95.4	109.9	94.0	92.6
4							118.7	108.4	93.3	109.5	93.8	92.6
5							120.0	105.3	91.6	104.2	93.8	92.6
6							117.4	102.9	90.1	104.0	92.8	92.6
7							116.2	101.5	91.9	103.8	92.6	92.4
8							116.0	101.3	96.2	103.8	92.6	92.4
9							116.0	102.1	93.6	104.9	92.6	92.4
10							113.4		94.5	104.7	91.6	91.4
11							111.0		94.5	104.7	91.4	91.4
12									94.5	104.7	91.4	91.4
13									94.5	105.8	91.4	91.4
14									93.4	105.6	91.4	91.2
15									93.4	105.6	90.2	
16									92.1			
17									87.7			
18												
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49												
50										10.0		
底+1	82.9	101.6	92.8	82.2	99.1	82.8	99.1	76.9	97.4	104.6	88.2	91.2
全水深	19.7	11.0	4.1	0.7	9.8	3.8	12.5	11.0	18.5	16.1	16.7	16.0
1/2DO	81.5	102.0	94.6	83.0	101.9	88.3	114.6	100.7	100.1	104.7	93.4	93.4
1/2水深	9.9	5.5	2.1	0.4	4.9	1.9	6.3	5.5	9.3	8.1	8.4	8.0

補助地点 (St. 205) D O 調査結果

平成12年 単位: mg/L

地点 水深 (m)	1・20	2・22	3・8	4・27	5・24	6・15	7・13	8・3	9・22	10・12	11・9	12・8
0.1	10.8	12.0	11.4	10.5	10.6	8.8	9.5	9.2	8.4	9.5	9.0	9.8
0.5	10.5	12.0	11.3	10.7	11.0	8.8	9.3	9.0	8.3	9.5	9.0	9.7
1	10.4	12.0	11.3	10.7	11.0	9.0	9.8	9.0	8.3	9.6	9.0	9.7
2	10.4	12.0	11.2	11.2	11.0	9.1	10.0	9.6	8.4	9.6	9.0	9.7
3	10.4	12.0	11.3	11.4	11.0	9.1	10.2	9.8	8.0	9.5	8.9	9.7
4	10.4	12.1	11.4	11.5	11.0	9.1	10.2	10.0	7.8	9.1	8.9	9.7
5	10.6	12.1	11.4		11.4	9.1	10.8	9.8	7.4	8.9	8.9	9.7
6	10.9	12.1	11.4		11.6	1.0	11.1	9.6	7.2	8.6	8.9	9.7
7	11.0	12.2	11.5		11.6	9.8	11.3	9.2	7.2	8.4	8.9	9.6
8	11.0	12.2	11.5		11.6		10.7	9.2	7.3	8.4	8.9	9.6
9	11.1	12.2	11.5				10.2	9.2	7.2	8.3	8.9	9.6
10	11.2	12.3	11.6				10.2	9.2	7.4	8.3	8.9	9.6
11	11.2	12.3	11.6				10.0	9.1	7.4	8.4	8.8	9.6
12	11.2	12.4					10.0	9.0	7.4	8.4	8.8	9.6
13	11.3	12.4					9.8	9.0	7.3	8.4	8.8	9.6
14	11.3	12.4					9.8	8.9	7.3	8.3	8.8	9.6
15	11.3	12.5					9.6	8.9	7.3	8.3	8.8	9.6
16	11.3	12.5					9.6	8.8	7.3	8.3	8.8	9.6
17	11.4	12.5					9.5	8.4	7.0	8.4	8.8	9.6
18	11.4	12.5					9.2		7.1	8.4	8.8	9.6
19	11.4								7.1	8.4	8.8	9.6
20	11.4								7.1	8.3	8.7	9.7
21	11.4								7.0		8.7	9.7
22	11.4								7.1			9.7
23	11.4								7.0			9.9
24												10.0
25												
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底+1	11.4	12.6	11.6	11.4	11.6	9.8	8.9	8.1	8.1	8.3	8.7	10.0
全水深	24.4	19.7	12.4	5.5	9.8	8.0	19.7	17.9	24.4	21.7	22.3	25.5
1/2DO	11.2	12.3	11.4	11.4	11.4	9.1	10.2	10.0	8.5	8.4	8.8	9.6
1/2水深	12.2	9.9	6.2	2.8	4.9	4.0	9.9	9.0	12.2	10.9	11.2	12.8

補助地点 (St. 205) D O 飽和度

水深 (m)	1-20	2-22	3-8	4-27	5-24	6-15	7-13	8-3	9-22	10-12	11-9	12-8
0.1	94.9	98.5	92.8	101.6	118.5	101.2	102.8	116.1	98.8	107.0	93.0	94.4
0.5	92.2	98.5	92.3	103.1	120.0	99.9	99.9	113.2	97.6	107.0	93.0	93.4
1	91.4	98.5	92.0	102.6	113.1	100.7	105.0	110.9	97.5	107.4	93.0	93.4
2	91.4	98.2	91.2	107.2	111.7	98.1	104.6	112.1	96.7	106.6	93.0	93.4
3	91.1	98.2	92.0	107.3	110.5	95.2	104.0	113.7	91.1	105.0	91.9	93.4
4	91.4	99.1	92.8	107.0	108.8	94.4	100.5	114.3	88.2	100.0	91.7	93.4
5	93.1	98.8	92.8		111.3	93.2	105.7	111.2	83.5	97.7	91.7	93.2
6	95.8	98.8	92.8		112.3	10.1	106.9	108.6	81.0	94.4	91.7	93.2
7	96.6	99.6	93.4		111.5	69.2	108.6	103.9	80.7	92.0	91.7	92.3
8	96.6	99.6	93.2		111.2		102.8	103.1	81.8	92.0	91.7	92.3
9	97.3	99.6	92.9				97.8	102.7	80.7	90.9	91.7	92.3
10	98.2	100.4	93.3				97.8	102.5	82.9	90.7	91.5	92.3
11	98.2	100.4	93.0				95.7	101.4	82.8	91.8	90.5	92.3
12	98.2	101.0					95.7	100.3	82.6	91.8	90.5	92.3
13	99.0	101.0					93.8	100.1	81.5	91.8	90.5	92.3
14	99.0	101.0					93.6	98.8	81.3	90.5	90.5	92.3
15	99.0	101.5					91.6	98.8	81.3	90.5	90.5	92.3
16	99.0	101.3					91.4	97.5	81.3	90.5	90.5	92.3
17	99.9	101.3					90.3	59.3	78.0	91.6	90.3	92.3
18	99.9	101.0					87.4		79.0	91.5	90.3	92.1
19	99.7								79.0	91.5	90.3	91.9
20	99.4								79.0	90.4	89.3	92.6
21	99.2								77.7		89.1	92.4
22	98.9								78.8			92.4
23	98.2								77.7			92.6
24												92.4
25												
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底+1	97.5	101.0	91.6	105.8	111.0	98.5	84.4	89.7	89.9	90.2	89.1	92.2
全水深	24.4	19.7	12.4	5.5	9.8	8.0	19.7	17.9	24.4	21.7	22.3	25.5
1/2DO	98.2	100.4	91.4	108.3	111.3	95.2	97.8	111.6	94.9	91.8	90.5	92.3
1/2水深	12.2	9.9	6.2	2.8	4.9	4.0	9.9	9.0	12.2	10.9	11.2	12.8

St. 206 DO 調査結果

平成12年 単位: mg/L

地点 水深 (m)	1-20	2-22	3-8	4-27	5-24	6-15	7-13	8-3	9-22	10-12	11-9	12-8
0.1				10.4	10.6	8.4	9.5	5.0	7.9	9.1	9.2	10.4
0.5				10.5	10.8	8.4	9.6	5.0	8.0	9.1	9.2	10.3
1					11.2	8.4	9.9	5.0	7.5	9.1	9.2	10.1
2							10.2	4.9	7.8	9.1	9.2	10.0
3									7.6	9.0	9.1	10.0
4									7.4	9.0	9.1	10.0
5									7.5		9.1	10.0
6									7.5		9.1	10.0
7									8.2			10.0
8												10.3
9												10.8
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底+1	11.4	12.6	11.6	10.5	11.1	8.6	10.3	8.1	8.1	9.0	9.0	11.0
全水深	9.3	3.7	3.2	1.9	2.2	3.0	4.7	4.0	8.8	6.0	7.2	10.5
1/2DO	11.2	12.3	11.4	10.5	11.2	8.5	10.0	10.0	8.5	9.1	9.1	10.0
1/2水深	4.7	1.9	1.6	1.0	1.1	1.5	2.4	2.0	4.4	3.0	3.6	5.3

St. 206 DO 飽和度

地点 水深 (m)	1-20	2-22	3-8	4-27	5-24	6-15	7-13	8-3	9-22	10-12	11-9	12-8
0.1				100.0	119.0	93.9	103.0	44.7	93.3	101.2	93.8	98.6
0.5				100.2	112.5	93.6	102.9	44.6	93.6	101.2	93.8	97.6
1					115.9	92.9	105.7	44.5	86.8	101.2	93.8	95.8
2							104.3	44.1	89.4	100.6	93.6	94.8
3									86.3	99.3	92.6	94.8
4										98.8	92.6	94.8
5									84.7		92.4	94.8
6									84.5		92.0	94.6
7									91.4			94.4
8												93.2
9												93.5
10												
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底+1	97.5	101.0	91.6	97.5	108.2	86.4	97.6	89.7	89.9	97.8	92.2	101.4
全水深	9.3	3.7	3.2	1.9	2.2	3.0	4.7	4.0	8.8	6.0	7.2	10.5
1/2DO	96.9	90.8	89.7	99.5	115.9	89.8	102.2	89.2	96.1	100.4	92.6	84.8
1/2水深	4.7	1.9	1.6	1.0	1.1	1.5	2.4	2.0	4.4	3.0	3.6	5.3

St.202 電気伝導度調査結果

平成12年 単位: nS/m

水深 (m)	地点	1・20	2・22	3・8	4・27	5・24	6・15	7・13	8・3	9・22	10・12	11・9	12・8
0.1					4.0	5.0	4.8	5.0	5.5	4.9	4.6	3.6	3.3
0.5					4.0	5.0	4.8	5.1	5.5	4.9	4.6	3.6	3.3
1					4.0	5.0	4.8	5.1	5.5	4.8	4.6	3.6	3.3
2					4.0	5.0	4.6	5.1	5.5	4.7	4.6	3.6	3.3
3					4.0	5.0	4.5	5.1	5.3	4.8	4.7	3.6	3.3
4					4.0	5.0	4.8	4.9	5.2	4.8	4.7	3.6	3.3
5					4.0	5.1	4.9	4.9	5.2	4.8	4.7	3.6	3.3
6					4.0	5.2	4.9	4.9	5.2	4.8	4.7	3.6	3.3
7					4.0	5.2	5.0	4.9	5.1	4.9	4.7	3.7	3.3
8					4.0	5.2	5.0	4.9	5.1	5.0	4.7	3.7	3.3
9					4.2	5.3	5.0	4.9	5.2	5.0	4.7	3.7	3.3
10					4.3	5.3	5.0	4.9	5.3	5.0	4.7	3.7	3.3
11					4.4	5.4	5.0	5.0	5.3	5.1	4.7	3.7	3.3
12					4.5	5.5	5.0	5.0	5.5	5.1	4.7	3.7	3.3
13					4.5	5.5	5.0	5.0	5.6	5.2	4.7	3.7	3.3
14					4.5	5.5	5.0	5.1	5.6	5.2	4.7	3.7	3.3
15					4.5	5.5	5.0	5.1	5.6	5.2	4.7	3.7	3.3
16					4.5	5.5	5.0	5.2	5.6	5.3	4.7	3.7	3.3
17					4.6	5.5	5.0	5.2	5.6	5.3	4.7	3.7	3.3
18					4.7	5.5	5.0	5.2	5.7	5.3	4.7	3.7	3.3
19					4.9	5.5	5.0	5.2	5.7	5.5	4.7	3.8	3.3
20					4.9	5.5	5.0	5.2	5.8	5.7	4.7	3.8	3.3
21					4.9	5.6	5.0	5.2	5.8	5.8	4.7	3.8	3.3
22					4.9	5.7	5.0	5.2	5.8	5.9	4.7	3.8	3.3
23					4.9	5.7	5.0	5.2	5.8	5.9	4.7	3.8	3.3
24					4.9	5.7	5.0	5.2	5.8	6.0	4.7	3.8	3.3
25					5.0	5.7	5.0	5.0	5.8	6.0	4.7	3.8	3.3
26					5.0	5.7	5.0	5.0	5.8	6.0	4.7	3.8	3.3
27					5.0	5.7	5.0	5.0	5.9	6.0	4.8	3.8	3.3
28					5.0	5.7	5.0	4.9	5.9	6.1	4.8	3.8	3.3
29					5.0	5.7	5.0	5.4	5.9	6.1	4.8	3.8	3.3
30					5.0	5.7	5.0	5.8	5.9	6.0	4.8	3.9	3.3
31					5.0	5.7	5.0	5.8	5.9	6.0	4.8	3.9	3.3
32					5.0	5.7	5.0	5.8	6.0	5.9	4.8	3.9	3.3
33					5.0	5.7	5.0	5.8	5.9	5.9	4.8	3.9	3.3
34					5.0	5.8	5.0	5.8	5.9	5.7	4.8	3.9	3.3
35					5.0	5.9	5.1	5.8	5.9	5.8	4.8	3.9	3.3
36					5.1	5.9	5.1	5.7	5.9	5.2	4.7	3.9	3.3
37					5.9	5.9	5.1	5.7	5.9	5.2	4.8	3.9	3.3
38					5.9	5.9	5.1	5.7	6.0	5.1	4.7	4.0	3.3
39					5.9	5.9	5.1	5.7	6.0	5.1	4.7	4.0	3.3
40					5.9	5.9	5.1	5.7	6.0	5.1	4.7	4.0	3.3
41					5.9	5.9	5.1	5.7	6.0	5.1	4.7	4.0	3.3
42					5.9	5.9	5.1	5.7	6.0	5.1	4.8	4.0	3.3
43					5.9	5.9	5.1	5.7	6.0	5.2	4.6	4.0	3.3
44					5.9	5.9	5.1	5.7	6.0	5.3	4.6	4.0	3.3
45					5.9	5.9	5.1	5.7	6.0	5.3	4.6	4.1	3.4
46					5.9	6.0	5.1	5.7	6.0	5.3	4.6	4.1	3.4
47					6.0	6.0	5.1	5.6	6.0	5.4	4.7	4.1	
48					6.0	6.0	5.1	5.6	6.0	5.5	4.8	4.1	
49					6.0	6.0	5.1	5.6	6.0	5.8	4.9	4.2	
50							5.6	6.0	6.0	5.9	4.9	4.2	
51							5.7	6.0	6.0	6.0	4.9	4.3	
52							5.7	6.0	6.0	6.0	5.0	4.3	
53							5.7	6.0	6.0	6.1	5.0		
54								6.0	6.0	6.1	5.1		
55									6.1	6.1	5.1		
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底+1		5.5	6.0	6.0	5.1	6.0	5.2	5.7	6.0	7.0	6.1	4.4	3.4
全水深		53.1	51.4	48.6	38.0	50.7	38.3	56.0	52.5	56.5	57.0	53.2	47.2
1/2FC		4.9	5.1	5.1	4.9	5.1	5.1	5.0	5.9	6.4	4.8	3.8	3.3
1/2水深		26.6	25.7	24.3	19.0	25.4	19.2	27.5	26.3	28.3	28.5	26.6	23.6

補助地点 (St.203) 電気伝導度調査結果

平成12年 単位: $\mu\text{S}/\text{m}$

地点 水深 (m)	1-20	2-22	3-8	4-27	5-24	6-15	7-13	8-3	9-22	10-12	11-9	12-8
0.1	3.6	3.9	4.0	3.9	5.0	4.8	6.0	5.8	4.9	4.7	3.5	3.4
0.5	3.6	3.9	4.0	3.9	5.0	4.8	6.0	5.7	4.9	4.6	3.5	3.4
1	3.6	3.9	4.0	3.9	5.3	4.8	6.0	5.7	4.9	4.6	3.5	3.4
2	3.7	4.0	4.0	4.0	5.3	4.8	6.0	5.7	4.9	4.7	3.6	3.4
3	3.7	4.0	4.0	4.0	5.3	4.9	6.1	5.8	4.8	4.7	3.6	3.4
4	3.8	4.1	4.1	4.0	5.3	5.0	6.2	5.8	4.8	4.7	3.6	3.4
5	3.8	4.1	4.1	4.0	5.3	5.0	6.3	5.9	4.8	4.7	3.6	3.4
6	3.9	4.1	4.2	4.1	5.3	5.0	6.5	5.9	4.9	4.7	3.6	3.4
7	3.9	4.1	4.2	4.1	5.3	5.1	6.6	6.0	5.0	4.7	3.6	3.4
8	3.9	4.2	4.2	4.1	5.3	5.1	6.6	5.8	5.0	4.7	3.6	3.4
9	4.0	4.2	4.2	4.2	5.3	5.1	6.5	5.5	5.1	4.7	3.7	3.4
10	4.0	4.4	4.2	4.3	5.4	5.1	6.2	5.5	5.1	4.7	3.7	3.4
11	4.0	4.4	4.3	4.4	5.5	5.1	6.1	5.5	5.2	4.7	3.7	3.4
12	4.0	4.6	4.4	4.6	5.5	5.1	6.1	5.5	5.3	4.7	3.7	3.4
13	4.1	4.5	4.5	4.8	5.5	5.1	6.1	5.5	5.4	4.7	3.7	3.4
14	4.1	4.5	4.6	4.8	5.5	5.1	6.1	5.5	5.6	4.7	3.7	3.4
15	4.1	4.5	4.7	4.9	5.5	5.1	6.1	5.6	5.7	4.8	3.7	3.4
16	4.1	4.5	4.8	4.9	5.6	5.1	6.1	5.6	5.8	4.8	3.7	3.4
17	4.2	4.6	4.9	4.9	5.6	5.1	6.1	5.7	5.8	4.9	3.8	3.4
18	4.2	4.5	4.9	5.0	5.6	5.1	6.0	5.7	5.9	4.9	3.8	3.4
19	4.3	4.5	4.9	5.0	5.6	5.1	6.1	5.8	5.9	4.9	3.8	3.4
20	4.3	4.5	4.9	5.0	5.7	5.1	6.1	5.8	6.0	4.9	3.8	3.4
21	4.4	4.5	4.9	5.0	5.7	5.1	6.0	5.8	6.0	4.9	3.8	3.4
22	4.4	4.6	4.9	5.0	5.7	5.1	6.0	5.8	6.0	4.9	3.9	3.4
23	4.4	4.6	4.9		5.7	5.1	6.0	5.9	6.1	4.9	3.9	3.4
24	4.4	4.6	4.9		5.7	5.2	5.9	6.0	6.1	4.9	3.9	3.4
25	4.4	4.6	5.0		5.7		6.0	6.0	6.1	4.9	3.9	3.4
26	4.5	4.6	5.1		5.7		6.0	6.0	6.1	5.0	3.9	3.4
27	4.5	4.6	5.2		5.7		6.1	6.0	6.1	5.0	3.9	3.4
28	4.6	4.8					6.2	6.0	6.1	5.0	3.9	3.4
29	4.6	4.8					6.4	6.0	6.2	5.0	3.9	3.4
30	4.7	4.8					6.9	6.0	6.2	4.9	4.0	3.4
31	4.7	4.8					7.1	6.0	6.2	4.9	4.0	3.4
32	4.7	5.0					7.2	6.0	6.2	4.9	4.0	3.4
33	4.8	5.0					7.2	6.0	6.2	4.9	4.0	3.4
34	4.8	5.0					7.1	6.1	6.1	4.9	4.0	3.4
35	4.8	5.0						6.1	5.8	4.9	4.1	3.4
36	4.9	5.1							5.6	4.9	4.1	3.4
37	4.9	5.1							5.5	4.9	4.1	3.4
38	5.0	5.1							5.4		4.1	3.4
39	5.0								5.5		4.1	3.4
40	5.0								5.5		4.1	
41	5.1								5.6			
42	5.1											
43	5.1											
44												
45												
46												
47												
48												
49												
50												
底+1	5.1	5.2	5.2	5.0	5.7	5.2	7.1	5.2	7.4	4.9	4.2	3.4
全水深	44.1	38.3	29.0	24.4	26.0	25.5	36.0	36.2	42.3	38.3	41.2	40.6
1/2EC	4.4	4.5	4.6	4.6	5.5	5.1	6.0	4.9	7.0	4.9	3.8	3.4
1/2水深	22.1	19.2	14.5	12.2	13.0	12.8	18.0	18.1	21.2	19.2	20.6	20.3

St.204 電気伝導度調査結果

平成12年 単位: $\mu\text{S}/\text{m}$

水深 (m)	地点	1・20	2・22	3・8	4・27	5・24	6・15	7・13	8・3	9・22	10・12	11・9	12・8
0.1					4.9	5.4	4.8	6.0	5.2	5.0	4.7	3.7	3.5
0.5						5.4	4.9	6.0	5.2	5.0	4.6	3.7	3.5
1						5.4	4.9	6.3	5.2	5.1	4.7	3.7	3.5
2						5.4	4.9	6.6	5.2	5.1	4.7	3.7	3.4
3						5.4		6.5	5.2	5.1	4.7	3.8	3.4
4								6.5	5.3	5.1	4.7	3.8	3.4
5								6.5	5.5	5.2	4.8	3.8	3.4
6								6.5	5.6	5.2	4.8	3.8	3.4
7								6.6	5.8	5.3	4.9	3.8	3.4
8								6.6	5.9	5.5	4.9	3.8	3.4
9								6.7	5.7	5.6	4.9	3.8	3.4
10								6.8		5.6	4.9	3.9	3.4
11								6.8		5.7	4.9	3.9	3.4
12										5.7	4.9	3.9	3.4
13										5.8	4.9	4.0	3.4
14										5.8	4.9	4.0	3.4
15										5.9	4.9	4.1	
16										5.9			
17										5.9			
18													
19													
20													
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49													
50													
底+1		5.1	5.2	5.2	4.9	5.4	5.0	6.7	5.2	7.4	4.9	4.1	3.4
全水深		19.7	11.0	4.1	0.7	9.8	3.8	12.5	11.0	18.5	16.1	16.7	16.0
1/2EC		4.4	4.5	4.6	4.9	5.4	4.9	6.5	4.9	7.0	4.9	3.8	3.4
1/2水深		9.9	6.5	2.1	0.4	4.9	1.9	6.3	5.5	9.3	8.1	8.4	8.0

補助地点 (St.205) 電気伝導度調査結果

平成12年 単位: mS/m

水深 (m)	地点	1-20	2-22	3-8	4-27	5-24	6-15	7-13	8-3	9-22	10-12	11-9	12-8
0.1		3.7	3.9	4.0	3.5	5.1	4.4	5.9	5.0	4.9	4.6	3.6	3.3
0.5		3.7	3.9	4.0	3.5	5.1	4.4	5.9	5.0	4.8	4.6	3.6	3.3
1		3.7	3.9	4.0	3.6	5.1	4.3	5.9	5.0	4.8	4.7	3.7	3.3
2		3.7	3.9	4.0	3.6	5.0	4.3	6.0	4.9	4.8	4.7	3.7	3.3
3		3.7	3.9	4.0	3.6	5.0	4.3	6.0	4.6	4.8	4.7	3.7	3.3
4		3.7	3.9	4.0	3.8	5.0	4.3	6.0	4.5	4.8	4.7	3.7	3.3
5		3.7	3.9	4.0		5.0	4.3	6.0	4.5	4.8	4.7	3.7	3.3
6		3.8	3.9	4.1		5.2	4.9	6.0	4.5	5.0	4.7	3.8	3.3
7		3.8	3.9	4.1		5.2	5.0	5.9	4.7	5.0	4.7	3.8	3.3
8		3.9	4.0	4.2		5.3		5.9	4.8	5.0	4.7	3.8	3.3
9		3.9	4.0	4.2				5.9	4.8	5.1	4.7	3.8	3.3
10		4.0	4.0	4.3				5.7	5.0	5.2	4.7	3.8	3.3
11		4.0	4.0	4.4				5.7	5.1	5.2	4.7	3.9	3.3
12		4.0	4.1					5.9	5.1	5.3	4.7	3.9	3.3
13		4.1	4.1					5.8	5.1	5.3	4.7	3.9	3.3
14		4.1	4.1					5.8	5.2	5.3	4.6	4.0	3.3
15		4.2	4.1					5.8	5.2	5.3	4.6	4.0	3.3
16		4.2	4.2					5.7	5.2	5.3	4.6	4.0	3.3
17		4.2	4.2					5.8		5.3	4.6	4.1	3.3
18		4.2	4.2					6.0		5.3	4.7	4.1	3.3
19		4.3								5.4	4.7	4.2	3.3
20		4.3								5.5	4.7	4.2	3.3
21		4.3								5.5		4.3	3.3
22		4.3								5.5			3.3
23		4.3								5.5			3.3
24													3.3
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底+1		4.3	4.5	4.4	3.9	5.6	5.0	6.0	5.5	5.9	4.7	4.4	3.3
全水深		24.4	19.7	12.4	5.5	9.8	8.0	19.7	17.9	24.4	21.7	22.3	25.5
1/2EC		4.0	4.0	4.1	3.6	5.0	4.3	5.8	4.8	5.2	4.7	3.9	3.3
1/2水深		12.2	9.9	6.2	2.8	4.9	4.0	9.9	9.0	12.2	10.9	11.2	12.8

St.206 電気伝導度調査結果

平成12年 単位: nS/m

地点 水深 (m)	1・20	2・22	3・8	4・27	5・24	6・15	7・13	8・3	9・22	10・12	11・9	12・8
0.1				3.5	5.0	4.5	6.0	9.0	4.9	4.7	3.7	3.3
0.5				3.6	5.0	4.6	6.0	8.9	4.9	4.6	3.7	3.3
1				3.6	5.0	4.6	6.0	8.8	5.0	4.7	3.7	3.3
2						4.5	6.0	9.3	4.9	4.7	3.7	3.3
3							6.0		4.9	4.7	3.7	3.3
4									5.0	4.7	3.7	3.3
5									5.0		3.7	3.3
6									5.0		3.7	3.3
7									5.0			3.3
8												3.3
9												3.3
10												
11												
12												
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50												
底+1	4.3	4.5	4.4	3.6	5.0	4.5	6.0	5.5	5.9	4.7	3.7	3.3
全水深	9.3	3.7	3.2	1.9	2.2	3.0	4.7	4.0	8.8	6.0	7.2	10.5
1/2EC	4.0	4.0	4.1	3.6	5.0	4.5	6.0	4.8	5.2	4.7	3.7	3.3
1/2水深	4.7	1.9	1.6	1.0	1.1	1.5	2.4	2.0	4.4	3.0	3.6	5.3

表 4-3-1 底質分析結果

項目	地点	貯水池基準地点 (St. 200)
	採取年月日	平成 12 年 8 月 3 日
採取時刻		13:30
強熱減量	%	7.9
COD	mg/g	14.0
総窒素	mg/g	1.6
総磷	mg/g	0.6
硫化物	mg/g	0.01
鉄	mg/kg	32000
マンガン	mg/kg	1600
カドミウム	mg/kg	0.62
鉛	mg/kg	53
6価クロム	mg/kg	ND
砒素	mg/kg	28
フッ素	mg/kg	78
ホウ素	mg/kg	0.8
総水銀	mg/kg	0.06
アルキル水銀	mg/kg	ND
PCB	mg/kg	ND
チウラム	mg/kg	ND
シマジン	mg/kg	ND
チオベンカルブ	mg/kg	ND
セレン	mg/kg	0.3
粒度組成 %	4.75mm以上の土粒子	0.0
	4.75~2mmの細礫分	0.7
	2~0.425mmの粗砂分	3.2
	0.425~0.075mmの細砂分	11.6
	0.075~0.005mmのシルト分	1.7
	0.005mm以下の粘土分	82.8
泥温	℃	13.4
目視観察		明灰色 砂質シルト
臭気		土臭

植物プランクトン組成経月変化(1) 基準地点(St. 200)

細胞/ml

綱名	科名	学名	採集月日																	
			1-20	2-22	3-8	4-27	5-24	6-15	7-13	8-3	9-22	10-12	11-9	12-8						
CYANOPHYCEAE																				
	Oscillatoriaceae	<i>Oscillatoria</i> sp.																		r
CHRYSTOPHYCEAE																				
	Dinobyaceae	<i>Dinobryon sertularia</i>																	1	1
	Dinobyaceae	<i>Dinobryon</i> sp.						53												
	Synuraceae	<i>Mallomonas</i> sp.	1	2	1	4	r			1			7	1	1					
BACILLARIOPHYCEAE																				
	Coscinodiscaceae	<i>Aulacoseira distans</i>	3	13	14	3							r		2	8	28			
		<i>Aulacoseira granulata</i> var. <i>angustissima</i> f. <i>spiralis</i>				r							r			9	8			
		<i>Melosira varians</i>		r	r															
		<i>Cyclotella comta</i>			r	3				1	r	1	1	1						
		<i>Cyclotella stelligera</i>	2	2	4	7	6	46	6	12	43	56	168	97						
		<i>Cyclotella</i> sp.		1	1								4	2	1					
		<i>Stephanodiscus hantzschii</i>	1	15	7															3
		<i>Stephanodiscus</i> spp.	1	16	7	5	3			1	2		2	49	502					
	Rhizosoleniaceae	<i>Rhizosolenia longiseta</i>	4	15	11		14	152		2	743	99	254	49						
	Diatomaceae	<i>Diatoma mesodon</i>	2	1	1	1	r				r			1						
		<i>Diatoma</i> sp.	1		1						r									
		<i>Hannaea arcus</i>	1		r															
		<i>Fragilaria capucina</i>																	2	
		<i>Fragilaria crotonensis</i>													r					
		<i>Fragilaria vaucheriae</i>	1	1	2	2	r	1	1	1	1	r								
		<i>Asterionella formosa</i>	16	232	580	3201	353	87	29	7	1	16	8	29						
		<i>Synedra acus</i>	5	2	1	1											3	r		
		<i>Synedra inaequalis</i>	r	1	r														r	
		<i>Synedra ulna</i>	r		1															
		<i>Tabellaria fenestrata</i>		r																
	Eunotiaceae	<i>Eunotia</i> sp.			1															
	Achnantheaceae	<i>Cocconeis placentula</i>	r		1							r							1	
		<i>Achnanthes convergens</i>	15	17	12	3	8	2	6	11		8	10	10						
		<i>Achnanthes lanceolata</i>	r	1	1	1	1			r	1		1	2						
		<i>Achnanthes minutissima</i>		5	3	2	1	2	6	1	1	1	4	2						
		<i>Achnanthes</i> spp.	1	4	2	2			1		1	2	1	5						
		<i>Rhoicosphenia abbreviata</i>																	r	
	Naviculaceae	<i>Frustulia vulgaris</i>					r													
		<i>Gyrosigma</i> sp.		1																
		<i>Neidium</i> sp.			r															
		<i>Diploneis</i> sp.									r		1	1						
		<i>Anomoeoneis</i> sp.							r										1	
		<i>Navicula bacillum</i>				1						1								
		<i>Navicula cryptocephala</i>	r								r									
		<i>Navicula cryptotenella</i>			r	1	r												r	
		<i>Navicula decussis</i>	r	1	r	r														1
		<i>Navicula viridula</i>			1															
		<i>Navicula</i> spp.	1	1		1		r	r	2		2	1	1						
		<i>Pinnularia</i> sp.		1																
		<i>Cymbella japonica</i>			r											1				
		<i>Cymbella minuta</i>	10	3	4	4	1	r	1	1	r	1	1	2						
		<i>Cymbella sinuata</i>		2							1									
		<i>Cymbella turgidula</i>	1		1				r				1							
		<i>Gomphonema acuminatum</i>								r										
		<i>Gomphonema clevei</i>												r						
		<i>Gomphonema parvulum</i>	2	2	1	r			1	1	1		1							
		<i>Gomphonema quadripunctatum</i>	1	1	1						r			r						r
		<i>Gomphonema</i> spp.	1	1	1	1	r	r						r						1
	Nitzschiaceae	<i>Nitzschia acicularis</i>		3					r								9	7		
		<i>Nitzschia dissipata</i>	1					1			r									
		<i>Nitzschia frustulum</i>									r									
		<i>Nitzschia palea</i>	1		r	1		r	1				1	1						2
		<i>Nitzschia</i> spp.	2		4	2	1		1				1	4						2
	Surirellaceae	<i>Surirella angusta</i>									r									

植物プランクトン組成経月変化(2) 基準地点(St. 200)

細胞/ml

網名	科名	学名	採集月日											
			1-20	2-22	3-8	4-27	5-24	6-15	7-13	8-3	9-22	10-12	11-9	12-8
BACILLARIOPHYCEAE														
	Surirellaceae	<i>Surirella</i> sp.		1	1	r	1							
CRYPTOPHYCEAE														
	Cryptomonadaceae	<i>Cryptomonas</i> spp.	1	4	1	8	7	1		1	19	5	3	2
		Cryptomonadaceae gen. spp.	7	10	5	13	54	76	52	35	86	27	480	8
DINOPHYCEAE														
	Gymnodiniaceae	<i>Gymnodinium</i> sp.				1								
	Peridiniaceae	<i>Peridinium bipes</i> f. <i>occultatum</i>			r				1		6	2	1	
		<i>Peridinium</i> sp.									r			
	Ceratitaceae	<i>Ceratium hirundinella</i>					1	1	2	2	1	1	r	
EUGLENOPHYCEAE														
	Euglenaceae	<i>Trachelomonas</i> sp.	1			1								
	Peranemaceae	<i>Anisonema</i> spp.	2	9	1	4	1	6				15	12	1
CHLOROPHYCEAE														
	Chlamydomonadaceae	<i>Chlamydomonas</i> spp.			1						1			
	Volvocaceae	<i>Pandorina morum</i>				r								
	Volvocaceae	<i>Eudorina elegans</i>		r	1	2	r							
		<i>Volvox aureus</i>									1	1		
	Gloeocystaceae	<i>Gloeocystis gigas</i>								5				
	Palmellaceae	<i>Sphaerocystis</i> sp.							1	7		r	r	
	Oocystaceae	<i>Oocystis</i> sp.									1			
	Oocystaceae	<i>Ankistrodesmus falcatus</i>	10	7	4	5						7	6	8
		<i>Westella botryoides</i>							1	16	1			
		<i>Closteriopsis longissima</i>		1	1									
	Dictyosphaeriaceae	<i>Dictyosphaerium pulchellum</i>	r											
	Scenedesmaceae	<i>Coelastrum</i> sp.					1							
	Hydrdictyceae	<i>Pediastrum tetras</i>										r		
	Desmisiaceae	<i>Closterium</i> sp.				r								
	Desmisiaceae	<i>Staurastrum</i> sp.			2							2	r	2
総細胞数 (細胞数/ml)			95	376	682	3279	507	375	113	108	914	262	1042	776
出現種類数			35	35	46	32	24	17	23	26	22	33	33	33

r < 1 細胞/ml

植物プランクトン組成経月変化(1) 補助地点(St. 203)

細胞/ml

綱名	科名	学名	採集月日														
			1-20	2-22	3-8	4-27	5-24	6-15	7-13	8-3	9-22	10-12	11-9	12-8			
CYANOPHYCEAE																	
CHRYSOPHYCEAE																	
	Dinobryaceae	<i>Dinobryon sertularia</i>														1	
	Dinobryaceae	<i>Dinobryon</i> sp.						14									
	Synuraceae	<i>Mallomonas</i> sp.	4	1	r		8	1					8			2	1
BACILLARIOPHYCEAE																	
	Coscinodisceae	<i>Aulacoseira distans</i>	6	2	19	r							2	1	17	12	
		<i>Aulacoseira granulata</i> var. <i>angustissima</i> f. <i>spiralis</i>	r	r									1		r	21	
		<i>Aulacoseira italica</i>	2														
		<i>Melosira varians</i>					r										
		<i>Cyclotella comta</i>			1	4							1		1	1	
		<i>Cyclotella stelligera</i>	1	4	2	3	10	19	1	16	62	40	94	94			
		<i>Cyclotella</i> sp.	1										3	r	1		
		<i>Stephanodiscus hantzschii</i>	2	8	2	1	1			r							
		<i>Stephanodiscus</i> spp.	4	9	4	1	1			2	5	1	37	114			
	Rhizosoleniaceae	<i>Rhizosolenia longiseta</i>	14	8	3	1	19	166	1	1	1040	102	180	164			
	Diatomaceae	<i>Diatoma mesodon</i>	r	1		1	1										r
		<i>Meridion circulare</i>			r												
		<i>Hannaea arcus</i>	1		3		r										
		<i>Fragilaria construens</i>														2	
		<i>Fragilaria crotonensis</i>						3									
		<i>Fragilaria vaucheriae</i>		1	1	1		1							r		
		<i>Fragilaria</i> sp.				r											
		<i>Asterionella formosa</i>	38	388	481	3091	105	117	1	1	8	20	1	5			
		<i>Synedra acus</i>	1	9	3	1	1	r				r	1	3			
		<i>Synedra inaequalis</i>	1	r	1	1	r	1									
		<i>Synedra ulna</i>	r	1			1										
		<i>Synedra</i> sp.											1				
		<i>Eunotia</i> sp.				r											r
	Achnantheae	<i>Cocconeis placentula</i>		1	1		r	r									
		<i>Achnanthes convergens</i>	17	13	19	21	9	12	1	6	1	1	14	19			
		<i>Achnanthes lanceolata</i>	3	3	1	1	1	r					3	1			
		<i>Achnanthes minutissima</i>	1	4	5	2	3	1	1	r		1	2	6			
		<i>Achnanthes</i> spp.	3	3	2	3	2	1	1	1	1			5			
		<i>Rhoicosphenia abbreviata</i>			r		r										
	Naviculaceae	<i>Neidium</i> sp.			1												
	Naviculaceae	<i>Diploneis</i> sp.					r										
		<i>Stauroneis</i> sp.						r									
		<i>Anomoeoneis</i> sp.		r									1				
		<i>Navicula confervacea</i>	1														
		<i>Navicula cryptocephala</i>														1	
		<i>Navicula cryptotenella</i>			r					r							
		<i>Navicula decussis</i>	1	1		2		r					r	r			
		<i>Navicula mutica</i>				r						r					
		<i>Navicula pupula</i>					r			r							
		<i>Navicula viridula</i>	1			1		1									
		<i>Navicula</i> spp.	1	2	1	1	2	1					1	1	r		
		<i>Pinnularia</i> sp.							r								
		<i>Amphora</i> spp.			1												
		<i>Cymbella gracilis</i>							1								
		<i>Cymbella minuta</i>	1	6	7	6	4	1		r	1		3	2			
		<i>Cymbella naviculiformis</i>			r												
		<i>Cymbella sinuata</i>	r														
		<i>Cymbella tumida</i>		r	1			r									
		<i>Cymbella turgidula</i>	r	1	2	r	1	1									
		<i>Gomphonema clevei</i>		1	1		r	r									
		<i>Gomphonema parvulum</i>	1		4	3		1			1		1	1			
		<i>Gomphonema quadripunctatum</i>	1		3	2		1									
		<i>Gomphonema truncatum</i>						1									
		<i>Gomphonema</i> spp.		1	r		1	1			1		r	r			

植物プランクトン組成経月変化(2) 補助地点(St.203)

細胞/ml

綱名	科名	学名	採集月日													
			1-20	2-22	3-8	4-27	5-24	6-15	7-13	8-3	9-22	10-12	11-9	12-8		
BACILLARIOPHYCEAE	Nitzschiaceae	<i>Nitzschia acicularis</i>			1	1								3	4	
		<i>Nitzschia dissipata</i>	1				r	r							r	
		<i>Nitzschia linearis</i>														1
		<i>Nitzschia palea</i>	1	6	1		2	3			r			1	1	
		<i>Nitzschia</i> spp.	3	1	2	3	1	4	1				1	3	1	
	Surirellaceae	<i>Surirella</i> sp.		r	1											
CRYPTOPHYCEAE	Cryptomonadaceae	<i>Cryptomonas</i> spp.		6		4	3	1		1	45	r	9	5		
		Cryptomonadaceae gen. spp.	5	5	1	7	65	65	212	119	183	73	266	121		
DINOPHYCEAE	Peridiniaceae	<i>Peridinium bipes f. occultatum</i>	r	1		r		r				18	28	7	3	
		<i>Peridinium</i> sp.	1									1	1	1		
	Ceratiaceae	<i>Ceratium hirundinella</i>					3	5	1	1	3	2	1			
EUGLENOPHYCEAE	Euglenaceae	<i>Euglena</i> spp.						2								
	Peranemaceae	<i>Anisonema</i> spp.	1	3				7			2	5	7			
CHLOROPHYCEAE	Chlamydomonadaceae	<i>Chlamydomonas</i> spp.	1													
	Volvocaceae	<i>Pandorina morum</i>				1										
		<i>Eudorina elegans</i>		r	1	3		r					r			
	Gloeocystaceae	<i>Gloeocystis gigas</i>								2						
	Palmellaceae	<i>Sphaerocystis</i> sp.							1	5	r			r		
	Oocystaceae	<i>Oocystis</i> sp.											4			
		<i>Ankistrodesmus falcatus</i>	10	4	3	4	1						3	6	1	
		<i>Westella botryoides</i>							2	14			r			
		<i>Closteriopsis longissima</i>	r	r									r			
	Scenedesmaceae	<i>Coelastrum</i> sp.			r	1							r			
Desmisiaceae	<i>Staurastrum</i> sp.											2	2			
総細胞数 (細胞数/ml)			129	495	579	3178	252	417	223	169	1385	291	664	589		
出現種類数			38	37	39	34	33	36	13	15	23	24	33	32		

r < 1 細胞/ml

植物プランクトン組成経月変化(1) 補助地点(St.205:)

細胞/ml

綱名	科名	学名	採集月日																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
			1-20	2-22	3-8	4-27	5-24	6-15	7-13	8-3	9-22	10-12	11-9	12-8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
CYANOPHYCEAE															Oscillatoriaceae	<i>Phormidium</i> sp.		1								1		CHRYSTOPHYCEAE															Dinobyaceae	<i>Dinobryon sertularia</i>						2			1	1			Dinobyaceae	<i>Dinobryon</i> sp.					84								Synuraceae	<i>Mallomonas</i> sp.	4	2	1	18		r			3	1	2	1	BACILLARIOPHYCEAE																Coccinodisceaeae	<i>Aulacoseira distans</i>	3	15	4	r					2	r	6	17			<i>Aulacoseira granulata</i>		1						r							<i>Aulacoseira granulata</i> var. <i>angustissima</i> f. <i>spiralis</i>	4	14		r	4						15	4			<i>Melosira varians</i>								r							<i>Cyclotella comta</i>			r			r		r	1	r	r				<i>Cyclotella stelligera</i>	7	2	7	3	1	32	1	19	54	49	87	74			<i>Cyclotella</i> sp.	3		1							4					<i>Stephanodiscus hantzschii</i>	1	5	1			1									<i>Stephanodiscus</i> spp.		5	2					3	1		15	974		Rhizosoleniaceae	<i>Rhizosolenia longiseta</i>	31	6	2	6	21	278		1	842	82	103	102		Diatomaceae	<i>Diatoma mesodon</i>	2			1		1					r				<i>Diatoma</i> sp.			1	1											<i>Hannaea arcus</i>	r		r	r	r	r						r			<i>Fragilaria vaucheriae</i>	1		1	r	2	2	1								<i>Fragilaria</i> sp.	4		2												<i>Asterionella formosa</i>	11	204	321	1507	38	112		2	r	14	8	3			<i>Synedra acus</i>	r	3			2	1					1	1			<i>Synedra inaequalis</i>		r	2	1	r	1						2			<i>Synedra rumpens</i>	1	1				r									<i>Synedra ulna</i>	r		r	r											<i>Tabellaria fenestrata</i>								r							<i>Eunotia</i> sp.			1	r						r				Achnantheae	<i>Cocconeis placentula</i>		1	1								1	1			<i>Achnanthes convergens</i>	24	13	42	36	12	30	12	4		3	39	7			<i>Achnanthes lanceolata</i>	2	1	5	1	1	r	r	2			1				<i>Achnanthes minutissima</i>		2	2	1	2	22	2	10	r	15	6	5			<i>Achnanthes</i> spp.	5	2	2	3	1	1	2	2			1	1		Naviculaceae	<i>Frustulia vulgaris</i>								r						Naviculaceae	<i>Caloneis</i> sp.			1											Naviculaceae	<i>Neidium</i> sp.			r											Naviculaceae	<i>Diploneis</i> sp.			1											Naviculaceae	<i>Anomooneis</i> sp.								1	1			r			<i>Navicula cryptotenella</i>			r	1	r	r	1					r			<i>Navicula decussis</i>	1			2			1				2	1			<i>Navicula gregaria</i>												r			<i>Navicula mutica</i>						1									<i>Navicula pupula</i>			1												<i>Navicula viridula</i>											1				<i>Navicula</i> spp.	1	5	1	2	1	1		2		1	4	1			<i>Pinnularia</i> sp.		r			r	1									<i>Amphora</i> spp.		1				1									<i>Cymbella gracilis</i>	r	1									r	r			<i>Cymbella japonica</i>						1						r			<i>Cymbella minuta</i>	1	1	13	6	3	2		1	r		1	1			<i>Cymbella sinuata</i>	1					1					1	r			<i>Cymbella tumida</i>						1									<i>Cymbella turgidula</i>	1		1	1	r						r	1			<i>Gomphonema acuminatum</i>								r							<i>Gomphonema clevei</i>			1								1				<i>Gomphonema parvulum</i>	2	1	5	2	4			r		1	2	2			<i>Gomphonema quadripunctatum</i>	1	r	1	1	1	1					r	1			<i>Gomphonema</i> spp.	1	2			1	1						1		Nitzschsiaceae	<i>Bacillaria paxillifer</i>						1						
	Oscillatoriaceae	<i>Phormidium</i> sp.		1								1		CHRYSTOPHYCEAE															Dinobyaceae	<i>Dinobryon sertularia</i>						2			1	1			Dinobyaceae	<i>Dinobryon</i> sp.					84								Synuraceae	<i>Mallomonas</i> sp.	4	2	1	18		r			3	1	2	1	BACILLARIOPHYCEAE																Coccinodisceaeae	<i>Aulacoseira distans</i>	3	15	4	r					2	r	6	17			<i>Aulacoseira granulata</i>		1						r							<i>Aulacoseira granulata</i> var. <i>angustissima</i> f. <i>spiralis</i>	4	14		r	4						15	4			<i>Melosira varians</i>								r							<i>Cyclotella comta</i>			r			r		r	1	r	r				<i>Cyclotella stelligera</i>	7	2	7	3	1	32	1	19	54	49	87	74			<i>Cyclotella</i> sp.	3		1							4					<i>Stephanodiscus hantzschii</i>	1	5	1			1									<i>Stephanodiscus</i> spp.		5	2					3	1		15	974		Rhizosoleniaceae	<i>Rhizosolenia longiseta</i>	31	6	2	6	21	278		1	842	82	103	102		Diatomaceae	<i>Diatoma mesodon</i>	2			1		1					r				<i>Diatoma</i> sp.			1	1											<i>Hannaea arcus</i>	r		r	r	r	r						r			<i>Fragilaria vaucheriae</i>	1		1	r	2	2	1								<i>Fragilaria</i> sp.	4		2												<i>Asterionella formosa</i>	11	204	321	1507	38	112		2	r	14	8	3			<i>Synedra acus</i>	r	3			2	1					1	1			<i>Synedra inaequalis</i>		r	2	1	r	1						2			<i>Synedra rumpens</i>	1	1				r									<i>Synedra ulna</i>	r		r	r											<i>Tabellaria fenestrata</i>								r							<i>Eunotia</i> sp.			1	r						r				Achnantheae	<i>Cocconeis placentula</i>		1	1								1	1			<i>Achnanthes convergens</i>	24	13	42	36	12	30	12	4		3	39	7			<i>Achnanthes lanceolata</i>	2	1	5	1	1	r	r	2			1				<i>Achnanthes minutissima</i>		2	2	1	2	22	2	10	r	15	6	5			<i>Achnanthes</i> spp.	5	2	2	3	1	1	2	2			1	1		Naviculaceae	<i>Frustulia vulgaris</i>								r						Naviculaceae	<i>Caloneis</i> sp.			1											Naviculaceae	<i>Neidium</i> sp.			r											Naviculaceae	<i>Diploneis</i> sp.			1											Naviculaceae	<i>Anomooneis</i> sp.								1	1			r			<i>Navicula cryptotenella</i>			r	1	r	r	1					r			<i>Navicula decussis</i>	1			2			1				2	1			<i>Navicula gregaria</i>												r			<i>Navicula mutica</i>						1									<i>Navicula pupula</i>			1												<i>Navicula viridula</i>											1				<i>Navicula</i> spp.	1	5	1	2	1	1		2		1	4	1			<i>Pinnularia</i> sp.		r			r	1									<i>Amphora</i> spp.		1				1									<i>Cymbella gracilis</i>	r	1									r	r			<i>Cymbella japonica</i>						1						r			<i>Cymbella minuta</i>	1	1	13	6	3	2		1	r		1	1			<i>Cymbella sinuata</i>	1					1					1	r			<i>Cymbella tumida</i>						1									<i>Cymbella turgidula</i>	1		1	1	r						r	1			<i>Gomphonema acuminatum</i>								r							<i>Gomphonema clevei</i>			1								1				<i>Gomphonema parvulum</i>	2	1	5	2	4			r		1	2	2			<i>Gomphonema quadripunctatum</i>	1	r	1	1	1	1					r	1			<i>Gomphonema</i> spp.	1	2			1	1						1		Nitzschsiaceae	<i>Bacillaria paxillifer</i>						1																				
CHRYSTOPHYCEAE															Dinobyaceae	<i>Dinobryon sertularia</i>						2			1	1			Dinobyaceae	<i>Dinobryon</i> sp.					84								Synuraceae	<i>Mallomonas</i> sp.	4	2	1	18		r			3	1	2	1	BACILLARIOPHYCEAE																Coccinodisceaeae	<i>Aulacoseira distans</i>	3	15	4	r					2	r	6	17			<i>Aulacoseira granulata</i>		1						r							<i>Aulacoseira granulata</i> var. <i>angustissima</i> f. <i>spiralis</i>	4	14		r	4						15	4			<i>Melosira varians</i>								r							<i>Cyclotella comta</i>			r			r		r	1	r	r				<i>Cyclotella stelligera</i>	7	2	7	3	1	32	1	19	54	49	87	74			<i>Cyclotella</i> sp.	3		1							4					<i>Stephanodiscus hantzschii</i>	1	5	1			1									<i>Stephanodiscus</i> spp.		5	2					3	1		15	974		Rhizosoleniaceae	<i>Rhizosolenia longiseta</i>	31	6	2	6	21	278		1	842	82	103	102		Diatomaceae	<i>Diatoma mesodon</i>	2			1		1					r				<i>Diatoma</i> sp.			1	1											<i>Hannaea arcus</i>	r		r	r	r	r						r			<i>Fragilaria vaucheriae</i>	1		1	r	2	2	1								<i>Fragilaria</i> sp.	4		2												<i>Asterionella formosa</i>	11	204	321	1507	38	112		2	r	14	8	3			<i>Synedra acus</i>	r	3			2	1					1	1			<i>Synedra inaequalis</i>		r	2	1	r	1						2			<i>Synedra rumpens</i>	1	1				r									<i>Synedra ulna</i>	r		r	r											<i>Tabellaria fenestrata</i>								r							<i>Eunotia</i> sp.			1	r						r				Achnantheae	<i>Cocconeis placentula</i>		1	1								1	1			<i>Achnanthes convergens</i>	24	13	42	36	12	30	12	4		3	39	7			<i>Achnanthes lanceolata</i>	2	1	5	1	1	r	r	2			1				<i>Achnanthes minutissima</i>		2	2	1	2	22	2	10	r	15	6	5			<i>Achnanthes</i> spp.	5	2	2	3	1	1	2	2			1	1		Naviculaceae	<i>Frustulia vulgaris</i>								r						Naviculaceae	<i>Caloneis</i> sp.			1											Naviculaceae	<i>Neidium</i> sp.			r											Naviculaceae	<i>Diploneis</i> sp.			1											Naviculaceae	<i>Anomooneis</i> sp.								1	1			r			<i>Navicula cryptotenella</i>			r	1	r	r	1					r			<i>Navicula decussis</i>	1			2			1				2	1			<i>Navicula gregaria</i>												r			<i>Navicula mutica</i>						1									<i>Navicula pupula</i>			1												<i>Navicula viridula</i>											1				<i>Navicula</i> spp.	1	5	1	2	1	1		2		1	4	1			<i>Pinnularia</i> sp.		r			r	1									<i>Amphora</i> spp.		1				1									<i>Cymbella gracilis</i>	r	1									r	r			<i>Cymbella japonica</i>						1						r			<i>Cymbella minuta</i>	1	1	13	6	3	2		1	r		1	1			<i>Cymbella sinuata</i>	1					1					1	r			<i>Cymbella tumida</i>						1									<i>Cymbella turgidula</i>	1		1	1	r						r	1			<i>Gomphonema acuminatum</i>								r							<i>Gomphonema clevei</i>			1								1				<i>Gomphonema parvulum</i>	2	1	5	2	4			r		1	2	2			<i>Gomphonema quadripunctatum</i>	1	r	1	1	1	1					r	1			<i>Gomphonema</i> spp.	1	2			1	1						1		Nitzschsiaceae	<i>Bacillaria paxillifer</i>						1																																		
	Dinobyaceae	<i>Dinobryon sertularia</i>						2			1	1			Dinobyaceae	<i>Dinobryon</i> sp.					84								Synuraceae	<i>Mallomonas</i> sp.	4	2	1	18		r			3	1	2	1	BACILLARIOPHYCEAE																Coccinodisceaeae	<i>Aulacoseira distans</i>	3	15	4	r					2	r	6	17			<i>Aulacoseira granulata</i>		1						r							<i>Aulacoseira granulata</i> var. <i>angustissima</i> f. <i>spiralis</i>	4	14		r	4						15	4			<i>Melosira varians</i>								r							<i>Cyclotella comta</i>			r			r		r	1	r	r				<i>Cyclotella stelligera</i>	7	2	7	3	1	32	1	19	54	49	87	74			<i>Cyclotella</i> sp.	3		1							4					<i>Stephanodiscus hantzschii</i>	1	5	1			1									<i>Stephanodiscus</i> spp.		5	2					3	1		15	974		Rhizosoleniaceae	<i>Rhizosolenia longiseta</i>	31	6	2	6	21	278		1	842	82	103	102		Diatomaceae	<i>Diatoma mesodon</i>	2			1		1					r				<i>Diatoma</i> sp.			1	1											<i>Hannaea arcus</i>	r		r	r	r	r						r			<i>Fragilaria vaucheriae</i>	1		1	r	2	2	1								<i>Fragilaria</i> sp.	4		2												<i>Asterionella formosa</i>	11	204	321	1507	38	112		2	r	14	8	3			<i>Synedra acus</i>	r	3			2	1					1	1			<i>Synedra inaequalis</i>		r	2	1	r	1						2			<i>Synedra rumpens</i>	1	1				r									<i>Synedra ulna</i>	r		r	r											<i>Tabellaria fenestrata</i>								r							<i>Eunotia</i> sp.			1	r						r				Achnantheae	<i>Cocconeis placentula</i>		1	1								1	1			<i>Achnanthes convergens</i>	24	13	42	36	12	30	12	4		3	39	7			<i>Achnanthes lanceolata</i>	2	1	5	1	1	r	r	2			1				<i>Achnanthes minutissima</i>		2	2	1	2	22	2	10	r	15	6	5			<i>Achnanthes</i> spp.	5	2	2	3	1	1	2	2			1	1		Naviculaceae	<i>Frustulia vulgaris</i>								r						Naviculaceae	<i>Caloneis</i> sp.			1											Naviculaceae	<i>Neidium</i> sp.			r											Naviculaceae	<i>Diploneis</i> sp.			1											Naviculaceae	<i>Anomooneis</i> sp.								1	1			r			<i>Navicula cryptotenella</i>			r	1	r	r	1					r			<i>Navicula decussis</i>	1			2			1				2	1			<i>Navicula gregaria</i>												r			<i>Navicula mutica</i>						1									<i>Navicula pupula</i>			1												<i>Navicula viridula</i>											1				<i>Navicula</i> spp.	1	5	1	2	1	1		2		1	4	1			<i>Pinnularia</i> sp.		r			r	1									<i>Amphora</i> spp.		1				1									<i>Cymbella gracilis</i>	r	1									r	r			<i>Cymbella japonica</i>						1						r			<i>Cymbella minuta</i>	1	1	13	6	3	2		1	r		1	1			<i>Cymbella sinuata</i>	1					1					1	r			<i>Cymbella tumida</i>						1									<i>Cymbella turgidula</i>	1		1	1	r						r	1			<i>Gomphonema acuminatum</i>								r							<i>Gomphonema clevei</i>			1								1				<i>Gomphonema parvulum</i>	2	1	5	2	4			r		1	2	2			<i>Gomphonema quadripunctatum</i>	1	r	1	1	1	1					r	1			<i>Gomphonema</i> spp.	1	2			1	1						1		Nitzschsiaceae	<i>Bacillaria paxillifer</i>						1																																																
	Dinobyaceae	<i>Dinobryon</i> sp.					84								Synuraceae	<i>Mallomonas</i> sp.	4	2	1	18		r			3	1	2	1	BACILLARIOPHYCEAE																Coccinodisceaeae	<i>Aulacoseira distans</i>	3	15	4	r					2	r	6	17			<i>Aulacoseira granulata</i>		1						r							<i>Aulacoseira granulata</i> var. <i>angustissima</i> f. <i>spiralis</i>	4	14		r	4						15	4			<i>Melosira varians</i>								r							<i>Cyclotella comta</i>			r			r		r	1	r	r				<i>Cyclotella stelligera</i>	7	2	7	3	1	32	1	19	54	49	87	74			<i>Cyclotella</i> sp.	3		1							4					<i>Stephanodiscus hantzschii</i>	1	5	1			1									<i>Stephanodiscus</i> spp.		5	2					3	1		15	974		Rhizosoleniaceae	<i>Rhizosolenia longiseta</i>	31	6	2	6	21	278		1	842	82	103	102		Diatomaceae	<i>Diatoma mesodon</i>	2			1		1					r				<i>Diatoma</i> sp.			1	1											<i>Hannaea arcus</i>	r		r	r	r	r						r			<i>Fragilaria vaucheriae</i>	1		1	r	2	2	1								<i>Fragilaria</i> sp.	4		2												<i>Asterionella formosa</i>	11	204	321	1507	38	112		2	r	14	8	3			<i>Synedra acus</i>	r	3			2	1					1	1			<i>Synedra inaequalis</i>		r	2	1	r	1						2			<i>Synedra rumpens</i>	1	1				r									<i>Synedra ulna</i>	r		r	r											<i>Tabellaria fenestrata</i>								r							<i>Eunotia</i> sp.			1	r						r				Achnantheae	<i>Cocconeis placentula</i>		1	1								1	1			<i>Achnanthes convergens</i>	24	13	42	36	12	30	12	4		3	39	7			<i>Achnanthes lanceolata</i>	2	1	5	1	1	r	r	2			1				<i>Achnanthes minutissima</i>		2	2	1	2	22	2	10	r	15	6	5			<i>Achnanthes</i> spp.	5	2	2	3	1	1	2	2			1	1		Naviculaceae	<i>Frustulia vulgaris</i>								r						Naviculaceae	<i>Caloneis</i> sp.			1											Naviculaceae	<i>Neidium</i> sp.			r											Naviculaceae	<i>Diploneis</i> sp.			1											Naviculaceae	<i>Anomooneis</i> sp.								1	1			r			<i>Navicula cryptotenella</i>			r	1	r	r	1					r			<i>Navicula decussis</i>	1			2			1				2	1			<i>Navicula gregaria</i>												r			<i>Navicula mutica</i>						1									<i>Navicula pupula</i>			1												<i>Navicula viridula</i>											1				<i>Navicula</i> spp.	1	5	1	2	1	1		2		1	4	1			<i>Pinnularia</i> sp.		r			r	1									<i>Amphora</i> spp.		1				1									<i>Cymbella gracilis</i>	r	1									r	r			<i>Cymbella japonica</i>						1						r			<i>Cymbella minuta</i>	1	1	13	6	3	2		1	r		1	1			<i>Cymbella sinuata</i>	1					1					1	r			<i>Cymbella tumida</i>						1									<i>Cymbella turgidula</i>	1		1	1	r						r	1			<i>Gomphonema acuminatum</i>								r							<i>Gomphonema clevei</i>			1								1				<i>Gomphonema parvulum</i>	2	1	5	2	4			r		1	2	2			<i>Gomphonema quadripunctatum</i>	1	r	1	1	1	1					r	1			<i>Gomphonema</i> spp.	1	2			1	1						1		Nitzschsiaceae	<i>Bacillaria paxillifer</i>						1																																																														
	Synuraceae	<i>Mallomonas</i> sp.	4	2	1	18		r			3	1	2	1	BACILLARIOPHYCEAE																Coccinodisceaeae	<i>Aulacoseira distans</i>	3	15	4	r					2	r	6	17			<i>Aulacoseira granulata</i>		1						r							<i>Aulacoseira granulata</i> var. <i>angustissima</i> f. <i>spiralis</i>	4	14		r	4						15	4			<i>Melosira varians</i>								r							<i>Cyclotella comta</i>			r			r		r	1	r	r				<i>Cyclotella stelligera</i>	7	2	7	3	1	32	1	19	54	49	87	74			<i>Cyclotella</i> sp.	3		1							4					<i>Stephanodiscus hantzschii</i>	1	5	1			1									<i>Stephanodiscus</i> spp.		5	2					3	1		15	974		Rhizosoleniaceae	<i>Rhizosolenia longiseta</i>	31	6	2	6	21	278		1	842	82	103	102		Diatomaceae	<i>Diatoma mesodon</i>	2			1		1					r				<i>Diatoma</i> sp.			1	1											<i>Hannaea arcus</i>	r		r	r	r	r						r			<i>Fragilaria vaucheriae</i>	1		1	r	2	2	1								<i>Fragilaria</i> sp.	4		2												<i>Asterionella formosa</i>	11	204	321	1507	38	112		2	r	14	8	3			<i>Synedra acus</i>	r	3			2	1					1	1			<i>Synedra inaequalis</i>		r	2	1	r	1						2			<i>Synedra rumpens</i>	1	1				r									<i>Synedra ulna</i>	r		r	r											<i>Tabellaria fenestrata</i>								r							<i>Eunotia</i> sp.			1	r						r				Achnantheae	<i>Cocconeis placentula</i>		1	1								1	1			<i>Achnanthes convergens</i>	24	13	42	36	12	30	12	4		3	39	7			<i>Achnanthes lanceolata</i>	2	1	5	1	1	r	r	2			1				<i>Achnanthes minutissima</i>		2	2	1	2	22	2	10	r	15	6	5			<i>Achnanthes</i> spp.	5	2	2	3	1	1	2	2			1	1		Naviculaceae	<i>Frustulia vulgaris</i>								r						Naviculaceae	<i>Caloneis</i> sp.			1											Naviculaceae	<i>Neidium</i> sp.			r											Naviculaceae	<i>Diploneis</i> sp.			1											Naviculaceae	<i>Anomooneis</i> sp.								1	1			r			<i>Navicula cryptotenella</i>			r	1	r	r	1					r			<i>Navicula decussis</i>	1			2			1				2	1			<i>Navicula gregaria</i>												r			<i>Navicula mutica</i>						1									<i>Navicula pupula</i>			1												<i>Navicula viridula</i>											1				<i>Navicula</i> spp.	1	5	1	2	1	1		2		1	4	1			<i>Pinnularia</i> sp.		r			r	1									<i>Amphora</i> spp.		1				1									<i>Cymbella gracilis</i>	r	1									r	r			<i>Cymbella japonica</i>						1						r			<i>Cymbella minuta</i>	1	1	13	6	3	2		1	r		1	1			<i>Cymbella sinuata</i>	1					1					1	r			<i>Cymbella tumida</i>						1									<i>Cymbella turgidula</i>	1		1	1	r						r	1			<i>Gomphonema acuminatum</i>								r							<i>Gomphonema clevei</i>			1								1				<i>Gomphonema parvulum</i>	2	1	5	2	4			r		1	2	2			<i>Gomphonema quadripunctatum</i>	1	r	1	1	1	1					r	1			<i>Gomphonema</i> spp.	1	2			1	1						1		Nitzschsiaceae	<i>Bacillaria paxillifer</i>						1																																																																												
BACILLARIOPHYCEAE																Coccinodisceaeae	<i>Aulacoseira distans</i>	3	15	4	r					2	r	6	17			<i>Aulacoseira granulata</i>		1						r							<i>Aulacoseira granulata</i> var. <i>angustissima</i> f. <i>spiralis</i>	4	14		r	4						15	4			<i>Melosira varians</i>								r							<i>Cyclotella comta</i>			r			r		r	1	r	r				<i>Cyclotella stelligera</i>	7	2	7	3	1	32	1	19	54	49	87	74			<i>Cyclotella</i> sp.	3		1							4					<i>Stephanodiscus hantzschii</i>	1	5	1			1									<i>Stephanodiscus</i> spp.		5	2					3	1		15	974		Rhizosoleniaceae	<i>Rhizosolenia longiseta</i>	31	6	2	6	21	278		1	842	82	103	102		Diatomaceae	<i>Diatoma mesodon</i>	2			1		1					r				<i>Diatoma</i> sp.			1	1											<i>Hannaea arcus</i>	r		r	r	r	r						r			<i>Fragilaria vaucheriae</i>	1		1	r	2	2	1								<i>Fragilaria</i> sp.	4		2												<i>Asterionella formosa</i>	11	204	321	1507	38	112		2	r	14	8	3			<i>Synedra acus</i>	r	3			2	1					1	1			<i>Synedra inaequalis</i>		r	2	1	r	1						2			<i>Synedra rumpens</i>	1	1				r									<i>Synedra ulna</i>	r		r	r											<i>Tabellaria fenestrata</i>								r							<i>Eunotia</i> sp.			1	r						r				Achnantheae	<i>Cocconeis placentula</i>		1	1								1	1			<i>Achnanthes convergens</i>	24	13	42	36	12	30	12	4		3	39	7			<i>Achnanthes lanceolata</i>	2	1	5	1	1	r	r	2			1				<i>Achnanthes minutissima</i>		2	2	1	2	22	2	10	r	15	6	5			<i>Achnanthes</i> spp.	5	2	2	3	1	1	2	2			1	1		Naviculaceae	<i>Frustulia vulgaris</i>								r						Naviculaceae	<i>Caloneis</i> sp.			1											Naviculaceae	<i>Neidium</i> sp.			r											Naviculaceae	<i>Diploneis</i> sp.			1											Naviculaceae	<i>Anomooneis</i> sp.								1	1			r			<i>Navicula cryptotenella</i>			r	1	r	r	1					r			<i>Navicula decussis</i>	1			2			1				2	1			<i>Navicula gregaria</i>												r			<i>Navicula mutica</i>						1									<i>Navicula pupula</i>			1												<i>Navicula viridula</i>											1				<i>Navicula</i> spp.	1	5	1	2	1	1		2		1	4	1			<i>Pinnularia</i> sp.		r			r	1									<i>Amphora</i> spp.		1				1									<i>Cymbella gracilis</i>	r	1									r	r			<i>Cymbella japonica</i>						1						r			<i>Cymbella minuta</i>	1	1	13	6	3	2		1	r		1	1			<i>Cymbella sinuata</i>	1					1					1	r			<i>Cymbella tumida</i>						1									<i>Cymbella turgidula</i>	1		1	1	r						r	1			<i>Gomphonema acuminatum</i>								r							<i>Gomphonema clevei</i>			1								1				<i>Gomphonema parvulum</i>	2	1	5	2	4			r		1	2	2			<i>Gomphonema quadripunctatum</i>	1	r	1	1	1	1					r	1			<i>Gomphonema</i> spp.	1	2			1	1						1		Nitzschsiaceae	<i>Bacillaria paxillifer</i>						1																																																																																											
	Coccinodisceaeae	<i>Aulacoseira distans</i>	3	15	4	r					2	r	6	17			<i>Aulacoseira granulata</i>		1						r							<i>Aulacoseira granulata</i> var. <i>angustissima</i> f. <i>spiralis</i>	4	14		r	4						15	4			<i>Melosira varians</i>								r							<i>Cyclotella comta</i>			r			r		r	1	r	r				<i>Cyclotella stelligera</i>	7	2	7	3	1	32	1	19	54	49	87	74			<i>Cyclotella</i> sp.	3		1							4					<i>Stephanodiscus hantzschii</i>	1	5	1			1									<i>Stephanodiscus</i> spp.		5	2					3	1		15	974		Rhizosoleniaceae	<i>Rhizosolenia longiseta</i>	31	6	2	6	21	278		1	842	82	103	102		Diatomaceae	<i>Diatoma mesodon</i>	2			1		1					r				<i>Diatoma</i> sp.			1	1											<i>Hannaea arcus</i>	r		r	r	r	r						r			<i>Fragilaria vaucheriae</i>	1		1	r	2	2	1								<i>Fragilaria</i> sp.	4		2												<i>Asterionella formosa</i>	11	204	321	1507	38	112		2	r	14	8	3			<i>Synedra acus</i>	r	3			2	1					1	1			<i>Synedra inaequalis</i>		r	2	1	r	1						2			<i>Synedra rumpens</i>	1	1				r									<i>Synedra ulna</i>	r		r	r											<i>Tabellaria fenestrata</i>								r							<i>Eunotia</i> sp.			1	r						r				Achnantheae	<i>Cocconeis placentula</i>		1	1								1	1			<i>Achnanthes convergens</i>	24	13	42	36	12	30	12	4		3	39	7			<i>Achnanthes lanceolata</i>	2	1	5	1	1	r	r	2			1				<i>Achnanthes minutissima</i>		2	2	1	2	22	2	10	r	15	6	5			<i>Achnanthes</i> spp.	5	2	2	3	1	1	2	2			1	1		Naviculaceae	<i>Frustulia vulgaris</i>								r						Naviculaceae	<i>Caloneis</i> sp.			1											Naviculaceae	<i>Neidium</i> sp.			r											Naviculaceae	<i>Diploneis</i> sp.			1											Naviculaceae	<i>Anomooneis</i> sp.								1	1			r			<i>Navicula cryptotenella</i>			r	1	r	r	1					r			<i>Navicula decussis</i>	1			2			1				2	1			<i>Navicula gregaria</i>												r			<i>Navicula mutica</i>						1									<i>Navicula pupula</i>			1												<i>Navicula viridula</i>											1				<i>Navicula</i> spp.	1	5	1	2	1	1		2		1	4	1			<i>Pinnularia</i> sp.		r			r	1									<i>Amphora</i> spp.		1				1									<i>Cymbella gracilis</i>	r	1									r	r			<i>Cymbella japonica</i>						1						r			<i>Cymbella minuta</i>	1	1	13	6	3	2		1	r		1	1			<i>Cymbella sinuata</i>	1					1					1	r			<i>Cymbella tumida</i>						1									<i>Cymbella turgidula</i>	1		1	1	r						r	1			<i>Gomphonema acuminatum</i>								r							<i>Gomphonema clevei</i>			1								1				<i>Gomphonema parvulum</i>	2	1	5	2	4			r		1	2	2			<i>Gomphonema quadripunctatum</i>	1	r	1	1	1	1					r	1			<i>Gomphonema</i> spp.	1	2			1	1						1		Nitzschsiaceae	<i>Bacillaria paxillifer</i>						1																																																																																																										
		<i>Aulacoseira granulata</i>		1						r							<i>Aulacoseira granulata</i> var. <i>angustissima</i> f. <i>spiralis</i>	4	14		r	4						15	4			<i>Melosira varians</i>								r							<i>Cyclotella comta</i>			r			r		r	1	r	r				<i>Cyclotella stelligera</i>	7	2	7	3	1	32	1	19	54	49	87	74			<i>Cyclotella</i> sp.	3		1							4					<i>Stephanodiscus hantzschii</i>	1	5	1			1									<i>Stephanodiscus</i> spp.		5	2					3	1		15	974		Rhizosoleniaceae	<i>Rhizosolenia longiseta</i>	31	6	2	6	21	278		1	842	82	103	102		Diatomaceae	<i>Diatoma mesodon</i>	2			1		1					r				<i>Diatoma</i> sp.			1	1											<i>Hannaea arcus</i>	r		r	r	r	r						r			<i>Fragilaria vaucheriae</i>	1		1	r	2	2	1								<i>Fragilaria</i> sp.	4		2												<i>Asterionella formosa</i>	11	204	321	1507	38	112		2	r	14	8	3			<i>Synedra acus</i>	r	3			2	1					1	1			<i>Synedra inaequalis</i>		r	2	1	r	1						2			<i>Synedra rumpens</i>	1	1				r									<i>Synedra ulna</i>	r		r	r											<i>Tabellaria fenestrata</i>								r							<i>Eunotia</i> sp.			1	r						r				Achnantheae	<i>Cocconeis placentula</i>		1	1								1	1			<i>Achnanthes convergens</i>	24	13	42	36	12	30	12	4		3	39	7			<i>Achnanthes lanceolata</i>	2	1	5	1	1	r	r	2			1				<i>Achnanthes minutissima</i>		2	2	1	2	22	2	10	r	15	6	5			<i>Achnanthes</i> spp.	5	2	2	3	1	1	2	2			1	1		Naviculaceae	<i>Frustulia vulgaris</i>								r						Naviculaceae	<i>Caloneis</i> sp.			1											Naviculaceae	<i>Neidium</i> sp.			r											Naviculaceae	<i>Diploneis</i> sp.			1											Naviculaceae	<i>Anomooneis</i> sp.								1	1			r			<i>Navicula cryptotenella</i>			r	1	r	r	1					r			<i>Navicula decussis</i>	1			2			1				2	1			<i>Navicula gregaria</i>												r			<i>Navicula mutica</i>						1									<i>Navicula pupula</i>			1												<i>Navicula viridula</i>											1				<i>Navicula</i> spp.	1	5	1	2	1	1		2		1	4	1			<i>Pinnularia</i> sp.		r			r	1									<i>Amphora</i> spp.		1				1									<i>Cymbella gracilis</i>	r	1									r	r			<i>Cymbella japonica</i>						1						r			<i>Cymbella minuta</i>	1	1	13	6	3	2		1	r		1	1			<i>Cymbella sinuata</i>	1					1					1	r			<i>Cymbella tumida</i>						1									<i>Cymbella turgidula</i>	1		1	1	r						r	1			<i>Gomphonema acuminatum</i>								r							<i>Gomphonema clevei</i>			1								1				<i>Gomphonema parvulum</i>	2	1	5	2	4			r		1	2	2			<i>Gomphonema quadripunctatum</i>	1	r	1	1	1	1					r	1			<i>Gomphonema</i> spp.	1	2			1	1						1		Nitzschsiaceae	<i>Bacillaria paxillifer</i>						1																																																																																																																									
		<i>Aulacoseira granulata</i> var. <i>angustissima</i> f. <i>spiralis</i>	4	14		r	4						15	4			<i>Melosira varians</i>								r							<i>Cyclotella comta</i>			r			r		r	1	r	r				<i>Cyclotella stelligera</i>	7	2	7	3	1	32	1	19	54	49	87	74			<i>Cyclotella</i> sp.	3		1							4					<i>Stephanodiscus hantzschii</i>	1	5	1			1									<i>Stephanodiscus</i> spp.		5	2					3	1		15	974		Rhizosoleniaceae	<i>Rhizosolenia longiseta</i>	31	6	2	6	21	278		1	842	82	103	102		Diatomaceae	<i>Diatoma mesodon</i>	2			1		1					r				<i>Diatoma</i> sp.			1	1											<i>Hannaea arcus</i>	r		r	r	r	r						r			<i>Fragilaria vaucheriae</i>	1		1	r	2	2	1								<i>Fragilaria</i> sp.	4		2												<i>Asterionella formosa</i>	11	204	321	1507	38	112		2	r	14	8	3			<i>Synedra acus</i>	r	3			2	1					1	1			<i>Synedra inaequalis</i>		r	2	1	r	1						2			<i>Synedra rumpens</i>	1	1				r									<i>Synedra ulna</i>	r		r	r											<i>Tabellaria fenestrata</i>								r							<i>Eunotia</i> sp.			1	r						r				Achnantheae	<i>Cocconeis placentula</i>		1	1								1	1			<i>Achnanthes convergens</i>	24	13	42	36	12	30	12	4		3	39	7			<i>Achnanthes lanceolata</i>	2	1	5	1	1	r	r	2			1				<i>Achnanthes minutissima</i>		2	2	1	2	22	2	10	r	15	6	5			<i>Achnanthes</i> spp.	5	2	2	3	1	1	2	2			1	1		Naviculaceae	<i>Frustulia vulgaris</i>								r						Naviculaceae	<i>Caloneis</i> sp.			1											Naviculaceae	<i>Neidium</i> sp.			r											Naviculaceae	<i>Diploneis</i> sp.			1											Naviculaceae	<i>Anomooneis</i> sp.								1	1			r			<i>Navicula cryptotenella</i>			r	1	r	r	1					r			<i>Navicula decussis</i>	1			2			1				2	1			<i>Navicula gregaria</i>												r			<i>Navicula mutica</i>						1									<i>Navicula pupula</i>			1												<i>Navicula viridula</i>											1				<i>Navicula</i> spp.	1	5	1	2	1	1		2		1	4	1			<i>Pinnularia</i> sp.		r			r	1									<i>Amphora</i> spp.		1				1									<i>Cymbella gracilis</i>	r	1									r	r			<i>Cymbella japonica</i>						1						r			<i>Cymbella minuta</i>	1	1	13	6	3	2		1	r		1	1			<i>Cymbella sinuata</i>	1					1					1	r			<i>Cymbella tumida</i>						1									<i>Cymbella turgidula</i>	1		1	1	r						r	1			<i>Gomphonema acuminatum</i>								r							<i>Gomphonema clevei</i>			1								1				<i>Gomphonema parvulum</i>	2	1	5	2	4			r		1	2	2			<i>Gomphonema quadripunctatum</i>	1	r	1	1	1	1					r	1			<i>Gomphonema</i> spp.	1	2			1	1						1		Nitzschsiaceae	<i>Bacillaria paxillifer</i>						1																																																																																																																																								
		<i>Melosira varians</i>								r							<i>Cyclotella comta</i>			r			r		r	1	r	r				<i>Cyclotella stelligera</i>	7	2	7	3	1	32	1	19	54	49	87	74			<i>Cyclotella</i> sp.	3		1							4					<i>Stephanodiscus hantzschii</i>	1	5	1			1									<i>Stephanodiscus</i> spp.		5	2					3	1		15	974		Rhizosoleniaceae	<i>Rhizosolenia longiseta</i>	31	6	2	6	21	278		1	842	82	103	102		Diatomaceae	<i>Diatoma mesodon</i>	2			1		1					r				<i>Diatoma</i> sp.			1	1											<i>Hannaea arcus</i>	r		r	r	r	r						r			<i>Fragilaria vaucheriae</i>	1		1	r	2	2	1								<i>Fragilaria</i> sp.	4		2												<i>Asterionella formosa</i>	11	204	321	1507	38	112		2	r	14	8	3			<i>Synedra acus</i>	r	3			2	1					1	1			<i>Synedra inaequalis</i>		r	2	1	r	1						2			<i>Synedra rumpens</i>	1	1				r									<i>Synedra ulna</i>	r		r	r											<i>Tabellaria fenestrata</i>								r							<i>Eunotia</i> sp.			1	r						r				Achnantheae	<i>Cocconeis placentula</i>		1	1								1	1			<i>Achnanthes convergens</i>	24	13	42	36	12	30	12	4		3	39	7			<i>Achnanthes lanceolata</i>	2	1	5	1	1	r	r	2			1				<i>Achnanthes minutissima</i>		2	2	1	2	22	2	10	r	15	6	5			<i>Achnanthes</i> spp.	5	2	2	3	1	1	2	2			1	1		Naviculaceae	<i>Frustulia vulgaris</i>								r						Naviculaceae	<i>Caloneis</i> sp.			1											Naviculaceae	<i>Neidium</i> sp.			r											Naviculaceae	<i>Diploneis</i> sp.			1											Naviculaceae	<i>Anomooneis</i> sp.								1	1			r			<i>Navicula cryptotenella</i>			r	1	r	r	1					r			<i>Navicula decussis</i>	1			2			1				2	1			<i>Navicula gregaria</i>												r			<i>Navicula mutica</i>						1									<i>Navicula pupula</i>			1												<i>Navicula viridula</i>											1				<i>Navicula</i> spp.	1	5	1	2	1	1		2		1	4	1			<i>Pinnularia</i> sp.		r			r	1									<i>Amphora</i> spp.		1				1									<i>Cymbella gracilis</i>	r	1									r	r			<i>Cymbella japonica</i>						1						r			<i>Cymbella minuta</i>	1	1	13	6	3	2		1	r		1	1			<i>Cymbella sinuata</i>	1					1					1	r			<i>Cymbella tumida</i>						1									<i>Cymbella turgidula</i>	1		1	1	r						r	1			<i>Gomphonema acuminatum</i>								r							<i>Gomphonema clevei</i>			1								1				<i>Gomphonema parvulum</i>	2	1	5	2	4			r		1	2	2			<i>Gomphonema quadripunctatum</i>	1	r	1	1	1	1					r	1			<i>Gomphonema</i> spp.	1	2			1	1						1		Nitzschsiaceae	<i>Bacillaria paxillifer</i>						1																																																																																																																																																							
		<i>Cyclotella comta</i>			r			r		r	1	r	r				<i>Cyclotella stelligera</i>	7	2	7	3	1	32	1	19	54	49	87	74			<i>Cyclotella</i> sp.	3		1							4					<i>Stephanodiscus hantzschii</i>	1	5	1			1									<i>Stephanodiscus</i> spp.		5	2					3	1		15	974		Rhizosoleniaceae	<i>Rhizosolenia longiseta</i>	31	6	2	6	21	278		1	842	82	103	102		Diatomaceae	<i>Diatoma mesodon</i>	2			1		1					r				<i>Diatoma</i> sp.			1	1											<i>Hannaea arcus</i>	r		r	r	r	r						r			<i>Fragilaria vaucheriae</i>	1		1	r	2	2	1								<i>Fragilaria</i> sp.	4		2												<i>Asterionella formosa</i>	11	204	321	1507	38	112		2	r	14	8	3			<i>Synedra acus</i>	r	3			2	1					1	1			<i>Synedra inaequalis</i>		r	2	1	r	1						2			<i>Synedra rumpens</i>	1	1				r									<i>Synedra ulna</i>	r		r	r											<i>Tabellaria fenestrata</i>								r							<i>Eunotia</i> sp.			1	r						r				Achnantheae	<i>Cocconeis placentula</i>		1	1								1	1			<i>Achnanthes convergens</i>	24	13	42	36	12	30	12	4		3	39	7			<i>Achnanthes lanceolata</i>	2	1	5	1	1	r	r	2			1				<i>Achnanthes minutissima</i>		2	2	1	2	22	2	10	r	15	6	5			<i>Achnanthes</i> spp.	5	2	2	3	1	1	2	2			1	1		Naviculaceae	<i>Frustulia vulgaris</i>								r						Naviculaceae	<i>Caloneis</i> sp.			1											Naviculaceae	<i>Neidium</i> sp.			r											Naviculaceae	<i>Diploneis</i> sp.			1											Naviculaceae	<i>Anomooneis</i> sp.								1	1			r			<i>Navicula cryptotenella</i>			r	1	r	r	1					r			<i>Navicula decussis</i>	1			2			1				2	1			<i>Navicula gregaria</i>												r			<i>Navicula mutica</i>						1									<i>Navicula pupula</i>			1												<i>Navicula viridula</i>											1				<i>Navicula</i> spp.	1	5	1	2	1	1		2		1	4	1			<i>Pinnularia</i> sp.		r			r	1									<i>Amphora</i> spp.		1				1									<i>Cymbella gracilis</i>	r	1									r	r			<i>Cymbella japonica</i>						1						r			<i>Cymbella minuta</i>	1	1	13	6	3	2		1	r		1	1			<i>Cymbella sinuata</i>	1					1					1	r			<i>Cymbella tumida</i>						1									<i>Cymbella turgidula</i>	1		1	1	r						r	1			<i>Gomphonema acuminatum</i>								r							<i>Gomphonema clevei</i>			1								1				<i>Gomphonema parvulum</i>	2	1	5	2	4			r		1	2	2			<i>Gomphonema quadripunctatum</i>	1	r	1	1	1	1					r	1			<i>Gomphonema</i> spp.	1	2			1	1						1		Nitzschsiaceae	<i>Bacillaria paxillifer</i>						1																																																																																																																																																																						
		<i>Cyclotella stelligera</i>	7	2	7	3	1	32	1	19	54	49	87	74			<i>Cyclotella</i> sp.	3		1							4					<i>Stephanodiscus hantzschii</i>	1	5	1			1									<i>Stephanodiscus</i> spp.		5	2					3	1		15	974		Rhizosoleniaceae	<i>Rhizosolenia longiseta</i>	31	6	2	6	21	278		1	842	82	103	102		Diatomaceae	<i>Diatoma mesodon</i>	2			1		1					r				<i>Diatoma</i> sp.			1	1											<i>Hannaea arcus</i>	r		r	r	r	r						r			<i>Fragilaria vaucheriae</i>	1		1	r	2	2	1								<i>Fragilaria</i> sp.	4		2												<i>Asterionella formosa</i>	11	204	321	1507	38	112		2	r	14	8	3			<i>Synedra acus</i>	r	3			2	1					1	1			<i>Synedra inaequalis</i>		r	2	1	r	1						2			<i>Synedra rumpens</i>	1	1				r									<i>Synedra ulna</i>	r		r	r											<i>Tabellaria fenestrata</i>								r							<i>Eunotia</i> sp.			1	r						r				Achnantheae	<i>Cocconeis placentula</i>		1	1								1	1			<i>Achnanthes convergens</i>	24	13	42	36	12	30	12	4		3	39	7			<i>Achnanthes lanceolata</i>	2	1	5	1	1	r	r	2			1				<i>Achnanthes minutissima</i>		2	2	1	2	22	2	10	r	15	6	5			<i>Achnanthes</i> spp.	5	2	2	3	1	1	2	2			1	1		Naviculaceae	<i>Frustulia vulgaris</i>								r						Naviculaceae	<i>Caloneis</i> sp.			1											Naviculaceae	<i>Neidium</i> sp.			r											Naviculaceae	<i>Diploneis</i> sp.			1											Naviculaceae	<i>Anomooneis</i> sp.								1	1			r			<i>Navicula cryptotenella</i>			r	1	r	r	1					r			<i>Navicula decussis</i>	1			2			1				2	1			<i>Navicula gregaria</i>												r			<i>Navicula mutica</i>						1									<i>Navicula pupula</i>			1												<i>Navicula viridula</i>											1				<i>Navicula</i> spp.	1	5	1	2	1	1		2		1	4	1			<i>Pinnularia</i> sp.		r			r	1									<i>Amphora</i> spp.		1				1									<i>Cymbella gracilis</i>	r	1									r	r			<i>Cymbella japonica</i>						1						r			<i>Cymbella minuta</i>	1	1	13	6	3	2		1	r		1	1			<i>Cymbella sinuata</i>	1					1					1	r			<i>Cymbella tumida</i>						1									<i>Cymbella turgidula</i>	1		1	1	r						r	1			<i>Gomphonema acuminatum</i>								r							<i>Gomphonema clevei</i>			1								1				<i>Gomphonema parvulum</i>	2	1	5	2	4			r		1	2	2			<i>Gomphonema quadripunctatum</i>	1	r	1	1	1	1					r	1			<i>Gomphonema</i> spp.	1	2			1	1						1		Nitzschsiaceae	<i>Bacillaria paxillifer</i>						1																																																																																																																																																																																					
		<i>Cyclotella</i> sp.	3		1							4					<i>Stephanodiscus hantzschii</i>	1	5	1			1									<i>Stephanodiscus</i> spp.		5	2					3	1		15	974		Rhizosoleniaceae	<i>Rhizosolenia longiseta</i>	31	6	2	6	21	278		1	842	82	103	102		Diatomaceae	<i>Diatoma mesodon</i>	2			1		1					r				<i>Diatoma</i> sp.			1	1											<i>Hannaea arcus</i>	r		r	r	r	r						r			<i>Fragilaria vaucheriae</i>	1		1	r	2	2	1								<i>Fragilaria</i> sp.	4		2												<i>Asterionella formosa</i>	11	204	321	1507	38	112		2	r	14	8	3			<i>Synedra acus</i>	r	3			2	1					1	1			<i>Synedra inaequalis</i>		r	2	1	r	1						2			<i>Synedra rumpens</i>	1	1				r									<i>Synedra ulna</i>	r		r	r											<i>Tabellaria fenestrata</i>								r							<i>Eunotia</i> sp.			1	r						r				Achnantheae	<i>Cocconeis placentula</i>		1	1								1	1			<i>Achnanthes convergens</i>	24	13	42	36	12	30	12	4		3	39	7			<i>Achnanthes lanceolata</i>	2	1	5	1	1	r	r	2			1				<i>Achnanthes minutissima</i>		2	2	1	2	22	2	10	r	15	6	5			<i>Achnanthes</i> spp.	5	2	2	3	1	1	2	2			1	1		Naviculaceae	<i>Frustulia vulgaris</i>								r						Naviculaceae	<i>Caloneis</i> sp.			1											Naviculaceae	<i>Neidium</i> sp.			r											Naviculaceae	<i>Diploneis</i> sp.			1											Naviculaceae	<i>Anomooneis</i> sp.								1	1			r			<i>Navicula cryptotenella</i>			r	1	r	r	1					r			<i>Navicula decussis</i>	1			2			1				2	1			<i>Navicula gregaria</i>												r			<i>Navicula mutica</i>						1									<i>Navicula pupula</i>			1												<i>Navicula viridula</i>											1				<i>Navicula</i> spp.	1	5	1	2	1	1		2		1	4	1			<i>Pinnularia</i> sp.		r			r	1									<i>Amphora</i> spp.		1				1									<i>Cymbella gracilis</i>	r	1									r	r			<i>Cymbella japonica</i>						1						r			<i>Cymbella minuta</i>	1	1	13	6	3	2		1	r		1	1			<i>Cymbella sinuata</i>	1					1					1	r			<i>Cymbella tumida</i>						1									<i>Cymbella turgidula</i>	1		1	1	r						r	1			<i>Gomphonema acuminatum</i>								r							<i>Gomphonema clevei</i>			1								1				<i>Gomphonema parvulum</i>	2	1	5	2	4			r		1	2	2			<i>Gomphonema quadripunctatum</i>	1	r	1	1	1	1					r	1			<i>Gomphonema</i> spp.	1	2			1	1						1		Nitzschsiaceae	<i>Bacillaria paxillifer</i>						1																																																																																																																																																																																																				
		<i>Stephanodiscus hantzschii</i>	1	5	1			1									<i>Stephanodiscus</i> spp.		5	2					3	1		15	974		Rhizosoleniaceae	<i>Rhizosolenia longiseta</i>	31	6	2	6	21	278		1	842	82	103	102		Diatomaceae	<i>Diatoma mesodon</i>	2			1		1					r				<i>Diatoma</i> sp.			1	1											<i>Hannaea arcus</i>	r		r	r	r	r						r			<i>Fragilaria vaucheriae</i>	1		1	r	2	2	1								<i>Fragilaria</i> sp.	4		2												<i>Asterionella formosa</i>	11	204	321	1507	38	112		2	r	14	8	3			<i>Synedra acus</i>	r	3			2	1					1	1			<i>Synedra inaequalis</i>		r	2	1	r	1						2			<i>Synedra rumpens</i>	1	1				r									<i>Synedra ulna</i>	r		r	r											<i>Tabellaria fenestrata</i>								r							<i>Eunotia</i> sp.			1	r						r				Achnantheae	<i>Cocconeis placentula</i>		1	1								1	1			<i>Achnanthes convergens</i>	24	13	42	36	12	30	12	4		3	39	7			<i>Achnanthes lanceolata</i>	2	1	5	1	1	r	r	2			1				<i>Achnanthes minutissima</i>		2	2	1	2	22	2	10	r	15	6	5			<i>Achnanthes</i> spp.	5	2	2	3	1	1	2	2			1	1		Naviculaceae	<i>Frustulia vulgaris</i>								r						Naviculaceae	<i>Caloneis</i> sp.			1											Naviculaceae	<i>Neidium</i> sp.			r											Naviculaceae	<i>Diploneis</i> sp.			1											Naviculaceae	<i>Anomooneis</i> sp.								1	1			r			<i>Navicula cryptotenella</i>			r	1	r	r	1					r			<i>Navicula decussis</i>	1			2			1				2	1			<i>Navicula gregaria</i>												r			<i>Navicula mutica</i>						1									<i>Navicula pupula</i>			1												<i>Navicula viridula</i>											1				<i>Navicula</i> spp.	1	5	1	2	1	1		2		1	4	1			<i>Pinnularia</i> sp.		r			r	1									<i>Amphora</i> spp.		1				1									<i>Cymbella gracilis</i>	r	1									r	r			<i>Cymbella japonica</i>						1						r			<i>Cymbella minuta</i>	1	1	13	6	3	2		1	r		1	1			<i>Cymbella sinuata</i>	1					1					1	r			<i>Cymbella tumida</i>						1									<i>Cymbella turgidula</i>	1		1	1	r						r	1			<i>Gomphonema acuminatum</i>								r							<i>Gomphonema clevei</i>			1								1				<i>Gomphonema parvulum</i>	2	1	5	2	4			r		1	2	2			<i>Gomphonema quadripunctatum</i>	1	r	1	1	1	1					r	1			<i>Gomphonema</i> spp.	1	2			1	1						1		Nitzschsiaceae	<i>Bacillaria paxillifer</i>						1																																																																																																																																																																																																																			
		<i>Stephanodiscus</i> spp.		5	2					3	1		15	974		Rhizosoleniaceae	<i>Rhizosolenia longiseta</i>	31	6	2	6	21	278		1	842	82	103	102		Diatomaceae	<i>Diatoma mesodon</i>	2			1		1					r				<i>Diatoma</i> sp.			1	1											<i>Hannaea arcus</i>	r		r	r	r	r						r			<i>Fragilaria vaucheriae</i>	1		1	r	2	2	1								<i>Fragilaria</i> sp.	4		2												<i>Asterionella formosa</i>	11	204	321	1507	38	112		2	r	14	8	3			<i>Synedra acus</i>	r	3			2	1					1	1			<i>Synedra inaequalis</i>		r	2	1	r	1						2			<i>Synedra rumpens</i>	1	1				r									<i>Synedra ulna</i>	r		r	r											<i>Tabellaria fenestrata</i>								r							<i>Eunotia</i> sp.			1	r						r				Achnantheae	<i>Cocconeis placentula</i>		1	1								1	1			<i>Achnanthes convergens</i>	24	13	42	36	12	30	12	4		3	39	7			<i>Achnanthes lanceolata</i>	2	1	5	1	1	r	r	2			1				<i>Achnanthes minutissima</i>		2	2	1	2	22	2	10	r	15	6	5			<i>Achnanthes</i> spp.	5	2	2	3	1	1	2	2			1	1		Naviculaceae	<i>Frustulia vulgaris</i>								r						Naviculaceae	<i>Caloneis</i> sp.			1											Naviculaceae	<i>Neidium</i> sp.			r											Naviculaceae	<i>Diploneis</i> sp.			1											Naviculaceae	<i>Anomooneis</i> sp.								1	1			r			<i>Navicula cryptotenella</i>			r	1	r	r	1					r			<i>Navicula decussis</i>	1			2			1				2	1			<i>Navicula gregaria</i>												r			<i>Navicula mutica</i>						1									<i>Navicula pupula</i>			1												<i>Navicula viridula</i>											1				<i>Navicula</i> spp.	1	5	1	2	1	1		2		1	4	1			<i>Pinnularia</i> sp.		r			r	1									<i>Amphora</i> spp.		1				1									<i>Cymbella gracilis</i>	r	1									r	r			<i>Cymbella japonica</i>						1						r			<i>Cymbella minuta</i>	1	1	13	6	3	2		1	r		1	1			<i>Cymbella sinuata</i>	1					1					1	r			<i>Cymbella tumida</i>						1									<i>Cymbella turgidula</i>	1		1	1	r						r	1			<i>Gomphonema acuminatum</i>								r							<i>Gomphonema clevei</i>			1								1				<i>Gomphonema parvulum</i>	2	1	5	2	4			r		1	2	2			<i>Gomphonema quadripunctatum</i>	1	r	1	1	1	1					r	1			<i>Gomphonema</i> spp.	1	2			1	1						1		Nitzschsiaceae	<i>Bacillaria paxillifer</i>						1																																																																																																																																																																																																																																		
	Rhizosoleniaceae	<i>Rhizosolenia longiseta</i>	31	6	2	6	21	278		1	842	82	103	102		Diatomaceae	<i>Diatoma mesodon</i>	2			1		1					r				<i>Diatoma</i> sp.			1	1											<i>Hannaea arcus</i>	r		r	r	r	r						r			<i>Fragilaria vaucheriae</i>	1		1	r	2	2	1								<i>Fragilaria</i> sp.	4		2												<i>Asterionella formosa</i>	11	204	321	1507	38	112		2	r	14	8	3			<i>Synedra acus</i>	r	3			2	1					1	1			<i>Synedra inaequalis</i>		r	2	1	r	1						2			<i>Synedra rumpens</i>	1	1				r									<i>Synedra ulna</i>	r		r	r											<i>Tabellaria fenestrata</i>								r							<i>Eunotia</i> sp.			1	r						r				Achnantheae	<i>Cocconeis placentula</i>		1	1								1	1			<i>Achnanthes convergens</i>	24	13	42	36	12	30	12	4		3	39	7			<i>Achnanthes lanceolata</i>	2	1	5	1	1	r	r	2			1				<i>Achnanthes minutissima</i>		2	2	1	2	22	2	10	r	15	6	5			<i>Achnanthes</i> spp.	5	2	2	3	1	1	2	2			1	1		Naviculaceae	<i>Frustulia vulgaris</i>								r						Naviculaceae	<i>Caloneis</i> sp.			1											Naviculaceae	<i>Neidium</i> sp.			r											Naviculaceae	<i>Diploneis</i> sp.			1											Naviculaceae	<i>Anomooneis</i> sp.								1	1			r			<i>Navicula cryptotenella</i>			r	1	r	r	1					r			<i>Navicula decussis</i>	1			2			1				2	1			<i>Navicula gregaria</i>												r			<i>Navicula mutica</i>						1									<i>Navicula pupula</i>			1												<i>Navicula viridula</i>											1				<i>Navicula</i> spp.	1	5	1	2	1	1		2		1	4	1			<i>Pinnularia</i> sp.		r			r	1									<i>Amphora</i> spp.		1				1									<i>Cymbella gracilis</i>	r	1									r	r			<i>Cymbella japonica</i>						1						r			<i>Cymbella minuta</i>	1	1	13	6	3	2		1	r		1	1			<i>Cymbella sinuata</i>	1					1					1	r			<i>Cymbella tumida</i>						1									<i>Cymbella turgidula</i>	1		1	1	r						r	1			<i>Gomphonema acuminatum</i>								r							<i>Gomphonema clevei</i>			1								1				<i>Gomphonema parvulum</i>	2	1	5	2	4			r		1	2	2			<i>Gomphonema quadripunctatum</i>	1	r	1	1	1	1					r	1			<i>Gomphonema</i> spp.	1	2			1	1						1		Nitzschsiaceae	<i>Bacillaria paxillifer</i>						1																																																																																																																																																																																																																																																	
	Diatomaceae	<i>Diatoma mesodon</i>	2			1		1					r				<i>Diatoma</i> sp.			1	1											<i>Hannaea arcus</i>	r		r	r	r	r						r			<i>Fragilaria vaucheriae</i>	1		1	r	2	2	1								<i>Fragilaria</i> sp.	4		2												<i>Asterionella formosa</i>	11	204	321	1507	38	112		2	r	14	8	3			<i>Synedra acus</i>	r	3			2	1					1	1			<i>Synedra inaequalis</i>		r	2	1	r	1						2			<i>Synedra rumpens</i>	1	1				r									<i>Synedra ulna</i>	r		r	r											<i>Tabellaria fenestrata</i>								r							<i>Eunotia</i> sp.			1	r						r				Achnantheae	<i>Cocconeis placentula</i>		1	1								1	1			<i>Achnanthes convergens</i>	24	13	42	36	12	30	12	4		3	39	7			<i>Achnanthes lanceolata</i>	2	1	5	1	1	r	r	2			1				<i>Achnanthes minutissima</i>		2	2	1	2	22	2	10	r	15	6	5			<i>Achnanthes</i> spp.	5	2	2	3	1	1	2	2			1	1		Naviculaceae	<i>Frustulia vulgaris</i>								r						Naviculaceae	<i>Caloneis</i> sp.			1											Naviculaceae	<i>Neidium</i> sp.			r											Naviculaceae	<i>Diploneis</i> sp.			1											Naviculaceae	<i>Anomooneis</i> sp.								1	1			r			<i>Navicula cryptotenella</i>			r	1	r	r	1					r			<i>Navicula decussis</i>	1			2			1				2	1			<i>Navicula gregaria</i>												r			<i>Navicula mutica</i>						1									<i>Navicula pupula</i>			1												<i>Navicula viridula</i>											1				<i>Navicula</i> spp.	1	5	1	2	1	1		2		1	4	1			<i>Pinnularia</i> sp.		r			r	1									<i>Amphora</i> spp.		1				1									<i>Cymbella gracilis</i>	r	1									r	r			<i>Cymbella japonica</i>						1						r			<i>Cymbella minuta</i>	1	1	13	6	3	2		1	r		1	1			<i>Cymbella sinuata</i>	1					1					1	r			<i>Cymbella tumida</i>						1									<i>Cymbella turgidula</i>	1		1	1	r						r	1			<i>Gomphonema acuminatum</i>								r							<i>Gomphonema clevei</i>			1								1				<i>Gomphonema parvulum</i>	2	1	5	2	4			r		1	2	2			<i>Gomphonema quadripunctatum</i>	1	r	1	1	1	1					r	1			<i>Gomphonema</i> spp.	1	2			1	1						1		Nitzschsiaceae	<i>Bacillaria paxillifer</i>						1																																																																																																																																																																																																																																																																
		<i>Diatoma</i> sp.			1	1											<i>Hannaea arcus</i>	r		r	r	r	r						r			<i>Fragilaria vaucheriae</i>	1		1	r	2	2	1								<i>Fragilaria</i> sp.	4		2												<i>Asterionella formosa</i>	11	204	321	1507	38	112		2	r	14	8	3			<i>Synedra acus</i>	r	3			2	1					1	1			<i>Synedra inaequalis</i>		r	2	1	r	1						2			<i>Synedra rumpens</i>	1	1				r									<i>Synedra ulna</i>	r		r	r											<i>Tabellaria fenestrata</i>								r							<i>Eunotia</i> sp.			1	r						r				Achnantheae	<i>Cocconeis placentula</i>		1	1								1	1			<i>Achnanthes convergens</i>	24	13	42	36	12	30	12	4		3	39	7			<i>Achnanthes lanceolata</i>	2	1	5	1	1	r	r	2			1				<i>Achnanthes minutissima</i>		2	2	1	2	22	2	10	r	15	6	5			<i>Achnanthes</i> spp.	5	2	2	3	1	1	2	2			1	1		Naviculaceae	<i>Frustulia vulgaris</i>								r						Naviculaceae	<i>Caloneis</i> sp.			1											Naviculaceae	<i>Neidium</i> sp.			r											Naviculaceae	<i>Diploneis</i> sp.			1											Naviculaceae	<i>Anomooneis</i> sp.								1	1			r			<i>Navicula cryptotenella</i>			r	1	r	r	1					r			<i>Navicula decussis</i>	1			2			1				2	1			<i>Navicula gregaria</i>												r			<i>Navicula mutica</i>						1									<i>Navicula pupula</i>			1												<i>Navicula viridula</i>											1				<i>Navicula</i> spp.	1	5	1	2	1	1		2		1	4	1			<i>Pinnularia</i> sp.		r			r	1									<i>Amphora</i> spp.		1				1									<i>Cymbella gracilis</i>	r	1									r	r			<i>Cymbella japonica</i>						1						r			<i>Cymbella minuta</i>	1	1	13	6	3	2		1	r		1	1			<i>Cymbella sinuata</i>	1					1					1	r			<i>Cymbella tumida</i>						1									<i>Cymbella turgidula</i>	1		1	1	r						r	1			<i>Gomphonema acuminatum</i>								r							<i>Gomphonema clevei</i>			1								1				<i>Gomphonema parvulum</i>	2	1	5	2	4			r		1	2	2			<i>Gomphonema quadripunctatum</i>	1	r	1	1	1	1					r	1			<i>Gomphonema</i> spp.	1	2			1	1						1		Nitzschsiaceae	<i>Bacillaria paxillifer</i>						1																																																																																																																																																																																																																																																																															
		<i>Hannaea arcus</i>	r		r	r	r	r						r			<i>Fragilaria vaucheriae</i>	1		1	r	2	2	1								<i>Fragilaria</i> sp.	4		2												<i>Asterionella formosa</i>	11	204	321	1507	38	112		2	r	14	8	3			<i>Synedra acus</i>	r	3			2	1					1	1			<i>Synedra inaequalis</i>		r	2	1	r	1						2			<i>Synedra rumpens</i>	1	1				r									<i>Synedra ulna</i>	r		r	r											<i>Tabellaria fenestrata</i>								r							<i>Eunotia</i> sp.			1	r						r				Achnantheae	<i>Cocconeis placentula</i>		1	1								1	1			<i>Achnanthes convergens</i>	24	13	42	36	12	30	12	4		3	39	7			<i>Achnanthes lanceolata</i>	2	1	5	1	1	r	r	2			1				<i>Achnanthes minutissima</i>		2	2	1	2	22	2	10	r	15	6	5			<i>Achnanthes</i> spp.	5	2	2	3	1	1	2	2			1	1		Naviculaceae	<i>Frustulia vulgaris</i>								r						Naviculaceae	<i>Caloneis</i> sp.			1											Naviculaceae	<i>Neidium</i> sp.			r											Naviculaceae	<i>Diploneis</i> sp.			1											Naviculaceae	<i>Anomooneis</i> sp.								1	1			r			<i>Navicula cryptotenella</i>			r	1	r	r	1					r			<i>Navicula decussis</i>	1			2			1				2	1			<i>Navicula gregaria</i>												r			<i>Navicula mutica</i>						1									<i>Navicula pupula</i>			1												<i>Navicula viridula</i>											1				<i>Navicula</i> spp.	1	5	1	2	1	1		2		1	4	1			<i>Pinnularia</i> sp.		r			r	1									<i>Amphora</i> spp.		1				1									<i>Cymbella gracilis</i>	r	1									r	r			<i>Cymbella japonica</i>						1						r			<i>Cymbella minuta</i>	1	1	13	6	3	2		1	r		1	1			<i>Cymbella sinuata</i>	1					1					1	r			<i>Cymbella tumida</i>						1									<i>Cymbella turgidula</i>	1		1	1	r						r	1			<i>Gomphonema acuminatum</i>								r							<i>Gomphonema clevei</i>			1								1				<i>Gomphonema parvulum</i>	2	1	5	2	4			r		1	2	2			<i>Gomphonema quadripunctatum</i>	1	r	1	1	1	1					r	1			<i>Gomphonema</i> spp.	1	2			1	1						1		Nitzschsiaceae	<i>Bacillaria paxillifer</i>						1																																																																																																																																																																																																																																																																																														
		<i>Fragilaria vaucheriae</i>	1		1	r	2	2	1								<i>Fragilaria</i> sp.	4		2												<i>Asterionella formosa</i>	11	204	321	1507	38	112		2	r	14	8	3			<i>Synedra acus</i>	r	3			2	1					1	1			<i>Synedra inaequalis</i>		r	2	1	r	1						2			<i>Synedra rumpens</i>	1	1				r									<i>Synedra ulna</i>	r		r	r											<i>Tabellaria fenestrata</i>								r							<i>Eunotia</i> sp.			1	r						r				Achnantheae	<i>Cocconeis placentula</i>		1	1								1	1			<i>Achnanthes convergens</i>	24	13	42	36	12	30	12	4		3	39	7			<i>Achnanthes lanceolata</i>	2	1	5	1	1	r	r	2			1				<i>Achnanthes minutissima</i>		2	2	1	2	22	2	10	r	15	6	5			<i>Achnanthes</i> spp.	5	2	2	3	1	1	2	2			1	1		Naviculaceae	<i>Frustulia vulgaris</i>								r						Naviculaceae	<i>Caloneis</i> sp.			1											Naviculaceae	<i>Neidium</i> sp.			r											Naviculaceae	<i>Diploneis</i> sp.			1											Naviculaceae	<i>Anomooneis</i> sp.								1	1			r			<i>Navicula cryptotenella</i>			r	1	r	r	1					r			<i>Navicula decussis</i>	1			2			1				2	1			<i>Navicula gregaria</i>												r			<i>Navicula mutica</i>						1									<i>Navicula pupula</i>			1												<i>Navicula viridula</i>											1				<i>Navicula</i> spp.	1	5	1	2	1	1		2		1	4	1			<i>Pinnularia</i> sp.		r			r	1									<i>Amphora</i> spp.		1				1									<i>Cymbella gracilis</i>	r	1									r	r			<i>Cymbella japonica</i>						1						r			<i>Cymbella minuta</i>	1	1	13	6	3	2		1	r		1	1			<i>Cymbella sinuata</i>	1					1					1	r			<i>Cymbella tumida</i>						1									<i>Cymbella turgidula</i>	1		1	1	r						r	1			<i>Gomphonema acuminatum</i>								r							<i>Gomphonema clevei</i>			1								1				<i>Gomphonema parvulum</i>	2	1	5	2	4			r		1	2	2			<i>Gomphonema quadripunctatum</i>	1	r	1	1	1	1					r	1			<i>Gomphonema</i> spp.	1	2			1	1						1		Nitzschsiaceae	<i>Bacillaria paxillifer</i>						1																																																																																																																																																																																																																																																																																																													
		<i>Fragilaria</i> sp.	4		2												<i>Asterionella formosa</i>	11	204	321	1507	38	112		2	r	14	8	3			<i>Synedra acus</i>	r	3			2	1					1	1			<i>Synedra inaequalis</i>		r	2	1	r	1						2			<i>Synedra rumpens</i>	1	1				r									<i>Synedra ulna</i>	r		r	r											<i>Tabellaria fenestrata</i>								r							<i>Eunotia</i> sp.			1	r						r				Achnantheae	<i>Cocconeis placentula</i>		1	1								1	1			<i>Achnanthes convergens</i>	24	13	42	36	12	30	12	4		3	39	7			<i>Achnanthes lanceolata</i>	2	1	5	1	1	r	r	2			1				<i>Achnanthes minutissima</i>		2	2	1	2	22	2	10	r	15	6	5			<i>Achnanthes</i> spp.	5	2	2	3	1	1	2	2			1	1		Naviculaceae	<i>Frustulia vulgaris</i>								r						Naviculaceae	<i>Caloneis</i> sp.			1											Naviculaceae	<i>Neidium</i> sp.			r											Naviculaceae	<i>Diploneis</i> sp.			1											Naviculaceae	<i>Anomooneis</i> sp.								1	1			r			<i>Navicula cryptotenella</i>			r	1	r	r	1					r			<i>Navicula decussis</i>	1			2			1				2	1			<i>Navicula gregaria</i>												r			<i>Navicula mutica</i>						1									<i>Navicula pupula</i>			1												<i>Navicula viridula</i>											1				<i>Navicula</i> spp.	1	5	1	2	1	1		2		1	4	1			<i>Pinnularia</i> sp.		r			r	1									<i>Amphora</i> spp.		1				1									<i>Cymbella gracilis</i>	r	1									r	r			<i>Cymbella japonica</i>						1						r			<i>Cymbella minuta</i>	1	1	13	6	3	2		1	r		1	1			<i>Cymbella sinuata</i>	1					1					1	r			<i>Cymbella tumida</i>						1									<i>Cymbella turgidula</i>	1		1	1	r						r	1			<i>Gomphonema acuminatum</i>								r							<i>Gomphonema clevei</i>			1								1				<i>Gomphonema parvulum</i>	2	1	5	2	4			r		1	2	2			<i>Gomphonema quadripunctatum</i>	1	r	1	1	1	1					r	1			<i>Gomphonema</i> spp.	1	2			1	1						1		Nitzschsiaceae	<i>Bacillaria paxillifer</i>						1																																																																																																																																																																																																																																																																																																																												
		<i>Asterionella formosa</i>	11	204	321	1507	38	112		2	r	14	8	3			<i>Synedra acus</i>	r	3			2	1					1	1			<i>Synedra inaequalis</i>		r	2	1	r	1						2			<i>Synedra rumpens</i>	1	1				r									<i>Synedra ulna</i>	r		r	r											<i>Tabellaria fenestrata</i>								r							<i>Eunotia</i> sp.			1	r						r				Achnantheae	<i>Cocconeis placentula</i>		1	1								1	1			<i>Achnanthes convergens</i>	24	13	42	36	12	30	12	4		3	39	7			<i>Achnanthes lanceolata</i>	2	1	5	1	1	r	r	2			1				<i>Achnanthes minutissima</i>		2	2	1	2	22	2	10	r	15	6	5			<i>Achnanthes</i> spp.	5	2	2	3	1	1	2	2			1	1		Naviculaceae	<i>Frustulia vulgaris</i>								r						Naviculaceae	<i>Caloneis</i> sp.			1											Naviculaceae	<i>Neidium</i> sp.			r											Naviculaceae	<i>Diploneis</i> sp.			1											Naviculaceae	<i>Anomooneis</i> sp.								1	1			r			<i>Navicula cryptotenella</i>			r	1	r	r	1					r			<i>Navicula decussis</i>	1			2			1				2	1			<i>Navicula gregaria</i>												r			<i>Navicula mutica</i>						1									<i>Navicula pupula</i>			1												<i>Navicula viridula</i>											1				<i>Navicula</i> spp.	1	5	1	2	1	1		2		1	4	1			<i>Pinnularia</i> sp.		r			r	1									<i>Amphora</i> spp.		1				1									<i>Cymbella gracilis</i>	r	1									r	r			<i>Cymbella japonica</i>						1						r			<i>Cymbella minuta</i>	1	1	13	6	3	2		1	r		1	1			<i>Cymbella sinuata</i>	1					1					1	r			<i>Cymbella tumida</i>						1									<i>Cymbella turgidula</i>	1		1	1	r						r	1			<i>Gomphonema acuminatum</i>								r							<i>Gomphonema clevei</i>			1								1				<i>Gomphonema parvulum</i>	2	1	5	2	4			r		1	2	2			<i>Gomphonema quadripunctatum</i>	1	r	1	1	1	1					r	1			<i>Gomphonema</i> spp.	1	2			1	1						1		Nitzschsiaceae	<i>Bacillaria paxillifer</i>						1																																																																																																																																																																																																																																																																																																																																											
		<i>Synedra acus</i>	r	3			2	1					1	1			<i>Synedra inaequalis</i>		r	2	1	r	1						2			<i>Synedra rumpens</i>	1	1				r									<i>Synedra ulna</i>	r		r	r											<i>Tabellaria fenestrata</i>								r							<i>Eunotia</i> sp.			1	r						r				Achnantheae	<i>Cocconeis placentula</i>		1	1								1	1			<i>Achnanthes convergens</i>	24	13	42	36	12	30	12	4		3	39	7			<i>Achnanthes lanceolata</i>	2	1	5	1	1	r	r	2			1				<i>Achnanthes minutissima</i>		2	2	1	2	22	2	10	r	15	6	5			<i>Achnanthes</i> spp.	5	2	2	3	1	1	2	2			1	1		Naviculaceae	<i>Frustulia vulgaris</i>								r						Naviculaceae	<i>Caloneis</i> sp.			1											Naviculaceae	<i>Neidium</i> sp.			r											Naviculaceae	<i>Diploneis</i> sp.			1											Naviculaceae	<i>Anomooneis</i> sp.								1	1			r			<i>Navicula cryptotenella</i>			r	1	r	r	1					r			<i>Navicula decussis</i>	1			2			1				2	1			<i>Navicula gregaria</i>												r			<i>Navicula mutica</i>						1									<i>Navicula pupula</i>			1												<i>Navicula viridula</i>											1				<i>Navicula</i> spp.	1	5	1	2	1	1		2		1	4	1			<i>Pinnularia</i> sp.		r			r	1									<i>Amphora</i> spp.		1				1									<i>Cymbella gracilis</i>	r	1									r	r			<i>Cymbella japonica</i>						1						r			<i>Cymbella minuta</i>	1	1	13	6	3	2		1	r		1	1			<i>Cymbella sinuata</i>	1					1					1	r			<i>Cymbella tumida</i>						1									<i>Cymbella turgidula</i>	1		1	1	r						r	1			<i>Gomphonema acuminatum</i>								r							<i>Gomphonema clevei</i>			1								1				<i>Gomphonema parvulum</i>	2	1	5	2	4			r		1	2	2			<i>Gomphonema quadripunctatum</i>	1	r	1	1	1	1					r	1			<i>Gomphonema</i> spp.	1	2			1	1						1		Nitzschsiaceae	<i>Bacillaria paxillifer</i>						1																																																																																																																																																																																																																																																																																																																																																										
		<i>Synedra inaequalis</i>		r	2	1	r	1						2			<i>Synedra rumpens</i>	1	1				r									<i>Synedra ulna</i>	r		r	r											<i>Tabellaria fenestrata</i>								r							<i>Eunotia</i> sp.			1	r						r				Achnantheae	<i>Cocconeis placentula</i>		1	1								1	1			<i>Achnanthes convergens</i>	24	13	42	36	12	30	12	4		3	39	7			<i>Achnanthes lanceolata</i>	2	1	5	1	1	r	r	2			1				<i>Achnanthes minutissima</i>		2	2	1	2	22	2	10	r	15	6	5			<i>Achnanthes</i> spp.	5	2	2	3	1	1	2	2			1	1		Naviculaceae	<i>Frustulia vulgaris</i>								r						Naviculaceae	<i>Caloneis</i> sp.			1											Naviculaceae	<i>Neidium</i> sp.			r											Naviculaceae	<i>Diploneis</i> sp.			1											Naviculaceae	<i>Anomooneis</i> sp.								1	1			r			<i>Navicula cryptotenella</i>			r	1	r	r	1					r			<i>Navicula decussis</i>	1			2			1				2	1			<i>Navicula gregaria</i>												r			<i>Navicula mutica</i>						1									<i>Navicula pupula</i>			1												<i>Navicula viridula</i>											1				<i>Navicula</i> spp.	1	5	1	2	1	1		2		1	4	1			<i>Pinnularia</i> sp.		r			r	1									<i>Amphora</i> spp.		1				1									<i>Cymbella gracilis</i>	r	1									r	r			<i>Cymbella japonica</i>						1						r			<i>Cymbella minuta</i>	1	1	13	6	3	2		1	r		1	1			<i>Cymbella sinuata</i>	1					1					1	r			<i>Cymbella tumida</i>						1									<i>Cymbella turgidula</i>	1		1	1	r						r	1			<i>Gomphonema acuminatum</i>								r							<i>Gomphonema clevei</i>			1								1				<i>Gomphonema parvulum</i>	2	1	5	2	4			r		1	2	2			<i>Gomphonema quadripunctatum</i>	1	r	1	1	1	1					r	1			<i>Gomphonema</i> spp.	1	2			1	1						1		Nitzschsiaceae	<i>Bacillaria paxillifer</i>						1																																																																																																																																																																																																																																																																																																																																																																									
		<i>Synedra rumpens</i>	1	1				r									<i>Synedra ulna</i>	r		r	r											<i>Tabellaria fenestrata</i>								r							<i>Eunotia</i> sp.			1	r						r				Achnantheae	<i>Cocconeis placentula</i>		1	1								1	1			<i>Achnanthes convergens</i>	24	13	42	36	12	30	12	4		3	39	7			<i>Achnanthes lanceolata</i>	2	1	5	1	1	r	r	2			1				<i>Achnanthes minutissima</i>		2	2	1	2	22	2	10	r	15	6	5			<i>Achnanthes</i> spp.	5	2	2	3	1	1	2	2			1	1		Naviculaceae	<i>Frustulia vulgaris</i>								r						Naviculaceae	<i>Caloneis</i> sp.			1											Naviculaceae	<i>Neidium</i> sp.			r											Naviculaceae	<i>Diploneis</i> sp.			1											Naviculaceae	<i>Anomooneis</i> sp.								1	1			r			<i>Navicula cryptotenella</i>			r	1	r	r	1					r			<i>Navicula decussis</i>	1			2			1				2	1			<i>Navicula gregaria</i>												r			<i>Navicula mutica</i>						1									<i>Navicula pupula</i>			1												<i>Navicula viridula</i>											1				<i>Navicula</i> spp.	1	5	1	2	1	1		2		1	4	1			<i>Pinnularia</i> sp.		r			r	1									<i>Amphora</i> spp.		1				1									<i>Cymbella gracilis</i>	r	1									r	r			<i>Cymbella japonica</i>						1						r			<i>Cymbella minuta</i>	1	1	13	6	3	2		1	r		1	1			<i>Cymbella sinuata</i>	1					1					1	r			<i>Cymbella tumida</i>						1									<i>Cymbella turgidula</i>	1		1	1	r						r	1			<i>Gomphonema acuminatum</i>								r							<i>Gomphonema clevei</i>			1								1				<i>Gomphonema parvulum</i>	2	1	5	2	4			r		1	2	2			<i>Gomphonema quadripunctatum</i>	1	r	1	1	1	1					r	1			<i>Gomphonema</i> spp.	1	2			1	1						1		Nitzschsiaceae	<i>Bacillaria paxillifer</i>						1																																																																																																																																																																																																																																																																																																																																																																																								
		<i>Synedra ulna</i>	r		r	r											<i>Tabellaria fenestrata</i>								r							<i>Eunotia</i> sp.			1	r						r				Achnantheae	<i>Cocconeis placentula</i>		1	1								1	1			<i>Achnanthes convergens</i>	24	13	42	36	12	30	12	4		3	39	7			<i>Achnanthes lanceolata</i>	2	1	5	1	1	r	r	2			1				<i>Achnanthes minutissima</i>		2	2	1	2	22	2	10	r	15	6	5			<i>Achnanthes</i> spp.	5	2	2	3	1	1	2	2			1	1		Naviculaceae	<i>Frustulia vulgaris</i>								r						Naviculaceae	<i>Caloneis</i> sp.			1											Naviculaceae	<i>Neidium</i> sp.			r											Naviculaceae	<i>Diploneis</i> sp.			1											Naviculaceae	<i>Anomooneis</i> sp.								1	1			r			<i>Navicula cryptotenella</i>			r	1	r	r	1					r			<i>Navicula decussis</i>	1			2			1				2	1			<i>Navicula gregaria</i>												r			<i>Navicula mutica</i>						1									<i>Navicula pupula</i>			1												<i>Navicula viridula</i>											1				<i>Navicula</i> spp.	1	5	1	2	1	1		2		1	4	1			<i>Pinnularia</i> sp.		r			r	1									<i>Amphora</i> spp.		1				1									<i>Cymbella gracilis</i>	r	1									r	r			<i>Cymbella japonica</i>						1						r			<i>Cymbella minuta</i>	1	1	13	6	3	2		1	r		1	1			<i>Cymbella sinuata</i>	1					1					1	r			<i>Cymbella tumida</i>						1									<i>Cymbella turgidula</i>	1		1	1	r						r	1			<i>Gomphonema acuminatum</i>								r							<i>Gomphonema clevei</i>			1								1				<i>Gomphonema parvulum</i>	2	1	5	2	4			r		1	2	2			<i>Gomphonema quadripunctatum</i>	1	r	1	1	1	1					r	1			<i>Gomphonema</i> spp.	1	2			1	1						1		Nitzschsiaceae	<i>Bacillaria paxillifer</i>						1																																																																																																																																																																																																																																																																																																																																																																																																							
		<i>Tabellaria fenestrata</i>								r							<i>Eunotia</i> sp.			1	r						r				Achnantheae	<i>Cocconeis placentula</i>		1	1								1	1			<i>Achnanthes convergens</i>	24	13	42	36	12	30	12	4		3	39	7			<i>Achnanthes lanceolata</i>	2	1	5	1	1	r	r	2			1				<i>Achnanthes minutissima</i>		2	2	1	2	22	2	10	r	15	6	5			<i>Achnanthes</i> spp.	5	2	2	3	1	1	2	2			1	1		Naviculaceae	<i>Frustulia vulgaris</i>								r						Naviculaceae	<i>Caloneis</i> sp.			1											Naviculaceae	<i>Neidium</i> sp.			r											Naviculaceae	<i>Diploneis</i> sp.			1											Naviculaceae	<i>Anomooneis</i> sp.								1	1			r			<i>Navicula cryptotenella</i>			r	1	r	r	1					r			<i>Navicula decussis</i>	1			2			1				2	1			<i>Navicula gregaria</i>												r			<i>Navicula mutica</i>						1									<i>Navicula pupula</i>			1												<i>Navicula viridula</i>											1				<i>Navicula</i> spp.	1	5	1	2	1	1		2		1	4	1			<i>Pinnularia</i> sp.		r			r	1									<i>Amphora</i> spp.		1				1									<i>Cymbella gracilis</i>	r	1									r	r			<i>Cymbella japonica</i>						1						r			<i>Cymbella minuta</i>	1	1	13	6	3	2		1	r		1	1			<i>Cymbella sinuata</i>	1					1					1	r			<i>Cymbella tumida</i>						1									<i>Cymbella turgidula</i>	1		1	1	r						r	1			<i>Gomphonema acuminatum</i>								r							<i>Gomphonema clevei</i>			1								1				<i>Gomphonema parvulum</i>	2	1	5	2	4			r		1	2	2			<i>Gomphonema quadripunctatum</i>	1	r	1	1	1	1					r	1			<i>Gomphonema</i> spp.	1	2			1	1						1		Nitzschsiaceae	<i>Bacillaria paxillifer</i>						1																																																																																																																																																																																																																																																																																																																																																																																																																						
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	Naviculaceae	<i>Frustulia vulgaris</i>								r						Naviculaceae	<i>Caloneis</i> sp.			1											Naviculaceae	<i>Neidium</i> sp.			r											Naviculaceae	<i>Diploneis</i> sp.			1											Naviculaceae	<i>Anomooneis</i> sp.								1	1			r			<i>Navicula cryptotenella</i>			r	1	r	r	1					r			<i>Navicula decussis</i>	1			2			1				2	1			<i>Navicula gregaria</i>												r			<i>Navicula mutica</i>						1									<i>Navicula pupula</i>			1												<i>Navicula viridula</i>											1				<i>Navicula</i> spp.	1	5	1	2	1	1		2		1	4	1			<i>Pinnularia</i> sp.		r			r	1									<i>Amphora</i> spp.		1				1									<i>Cymbella gracilis</i>	r	1									r	r			<i>Cymbella japonica</i>						1						r			<i>Cymbella minuta</i>	1	1	13	6	3	2		1	r		1	1			<i>Cymbella sinuata</i>	1					1					1	r			<i>Cymbella tumida</i>						1									<i>Cymbella turgidula</i>	1		1	1	r						r	1			<i>Gomphonema acuminatum</i>								r							<i>Gomphonema clevei</i>			1								1				<i>Gomphonema parvulum</i>	2	1	5	2	4			r		1	2	2			<i>Gomphonema quadripunctatum</i>	1	r	1	1	1	1					r	1			<i>Gomphonema</i> spp.	1	2			1	1						1		Nitzschsiaceae	<i>Bacillaria paxillifer</i>						1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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	Naviculaceae	<i>Neidium</i> sp.			r											Naviculaceae	<i>Diploneis</i> sp.			1											Naviculaceae	<i>Anomooneis</i> sp.								1	1			r			<i>Navicula cryptotenella</i>			r	1	r	r	1					r			<i>Navicula decussis</i>	1			2			1				2	1			<i>Navicula gregaria</i>												r			<i>Navicula mutica</i>						1									<i>Navicula pupula</i>			1												<i>Navicula viridula</i>											1				<i>Navicula</i> spp.	1	5	1	2	1	1		2		1	4	1			<i>Pinnularia</i> sp.		r			r	1									<i>Amphora</i> spp.		1				1									<i>Cymbella gracilis</i>	r	1									r	r			<i>Cymbella japonica</i>						1						r			<i>Cymbella minuta</i>	1	1	13	6	3	2		1	r		1	1			<i>Cymbella sinuata</i>	1					1					1	r			<i>Cymbella tumida</i>						1									<i>Cymbella turgidula</i>	1		1	1	r						r	1			<i>Gomphonema acuminatum</i>								r							<i>Gomphonema clevei</i>			1								1				<i>Gomphonema parvulum</i>	2	1	5	2	4			r		1	2	2			<i>Gomphonema quadripunctatum</i>	1	r	1	1	1	1					r	1			<i>Gomphonema</i> spp.	1	2			1	1						1		Nitzschsiaceae	<i>Bacillaria paxillifer</i>						1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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		<i>Amphora</i> spp.		1				1									<i>Cymbella gracilis</i>	r	1									r	r			<i>Cymbella japonica</i>						1						r			<i>Cymbella minuta</i>	1	1	13	6	3	2		1	r		1	1			<i>Cymbella sinuata</i>	1					1					1	r			<i>Cymbella tumida</i>						1									<i>Cymbella turgidula</i>	1		1	1	r						r	1			<i>Gomphonema acuminatum</i>								r							<i>Gomphonema clevei</i>			1								1				<i>Gomphonema parvulum</i>	2	1	5	2	4			r		1	2	2			<i>Gomphonema quadripunctatum</i>	1	r	1	1	1	1					r	1			<i>Gomphonema</i> spp.	1	2			1	1						1		Nitzschsiaceae	<i>Bacillaria paxillifer</i>						1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
		<i>Cymbella gracilis</i>	r	1									r	r			<i>Cymbella japonica</i>						1						r			<i>Cymbella minuta</i>	1	1	13	6	3	2		1	r		1	1			<i>Cymbella sinuata</i>	1					1					1	r			<i>Cymbella tumida</i>						1									<i>Cymbella turgidula</i>	1		1	1	r						r	1			<i>Gomphonema acuminatum</i>								r							<i>Gomphonema clevei</i>			1								1				<i>Gomphonema parvulum</i>	2	1	5	2	4			r		1	2	2			<i>Gomphonema quadripunctatum</i>	1	r	1	1	1	1					r	1			<i>Gomphonema</i> spp.	1	2			1	1						1		Nitzschsiaceae	<i>Bacillaria paxillifer</i>						1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
		<i>Cymbella japonica</i>						1						r			<i>Cymbella minuta</i>	1	1	13	6	3	2		1	r		1	1			<i>Cymbella sinuata</i>	1					1					1	r			<i>Cymbella tumida</i>						1									<i>Cymbella turgidula</i>	1		1	1	r						r	1			<i>Gomphonema acuminatum</i>								r							<i>Gomphonema clevei</i>			1								1				<i>Gomphonema parvulum</i>	2	1	5	2	4			r		1	2	2			<i>Gomphonema quadripunctatum</i>	1	r	1	1	1	1					r	1			<i>Gomphonema</i> spp.	1	2			1	1						1		Nitzschsiaceae	<i>Bacillaria paxillifer</i>						1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
		<i>Cymbella minuta</i>	1	1	13	6	3	2		1	r		1	1			<i>Cymbella sinuata</i>	1					1					1	r			<i>Cymbella tumida</i>						1									<i>Cymbella turgidula</i>	1		1	1	r						r	1			<i>Gomphonema acuminatum</i>								r							<i>Gomphonema clevei</i>			1								1				<i>Gomphonema parvulum</i>	2	1	5	2	4			r		1	2	2			<i>Gomphonema quadripunctatum</i>	1	r	1	1	1	1					r	1			<i>Gomphonema</i> spp.	1	2			1	1						1		Nitzschsiaceae	<i>Bacillaria paxillifer</i>						1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
		<i>Cymbella sinuata</i>	1					1					1	r			<i>Cymbella tumida</i>						1									<i>Cymbella turgidula</i>	1		1	1	r						r	1			<i>Gomphonema acuminatum</i>								r							<i>Gomphonema clevei</i>			1								1				<i>Gomphonema parvulum</i>	2	1	5	2	4			r		1	2	2			<i>Gomphonema quadripunctatum</i>	1	r	1	1	1	1					r	1			<i>Gomphonema</i> spp.	1	2			1	1						1		Nitzschsiaceae	<i>Bacillaria paxillifer</i>						1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
		<i>Cymbella tumida</i>						1									<i>Cymbella turgidula</i>	1		1	1	r						r	1			<i>Gomphonema acuminatum</i>								r							<i>Gomphonema clevei</i>			1								1				<i>Gomphonema parvulum</i>	2	1	5	2	4			r		1	2	2			<i>Gomphonema quadripunctatum</i>	1	r	1	1	1	1					r	1			<i>Gomphonema</i> spp.	1	2			1	1						1		Nitzschsiaceae	<i>Bacillaria paxillifer</i>						1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
		<i>Cymbella turgidula</i>	1		1	1	r						r	1			<i>Gomphonema acuminatum</i>								r							<i>Gomphonema clevei</i>			1								1				<i>Gomphonema parvulum</i>	2	1	5	2	4			r		1	2	2			<i>Gomphonema quadripunctatum</i>	1	r	1	1	1	1					r	1			<i>Gomphonema</i> spp.	1	2			1	1						1		Nitzschsiaceae	<i>Bacillaria paxillifer</i>						1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
		<i>Gomphonema acuminatum</i>								r							<i>Gomphonema clevei</i>			1								1				<i>Gomphonema parvulum</i>	2	1	5	2	4			r		1	2	2			<i>Gomphonema quadripunctatum</i>	1	r	1	1	1	1					r	1			<i>Gomphonema</i> spp.	1	2			1	1						1		Nitzschsiaceae	<i>Bacillaria paxillifer</i>						1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
		<i>Gomphonema clevei</i>			1								1				<i>Gomphonema parvulum</i>	2	1	5	2	4			r		1	2	2			<i>Gomphonema quadripunctatum</i>	1	r	1	1	1	1					r	1			<i>Gomphonema</i> spp.	1	2			1	1						1		Nitzschsiaceae	<i>Bacillaria paxillifer</i>						1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
		<i>Gomphonema parvulum</i>	2	1	5	2	4			r		1	2	2			<i>Gomphonema quadripunctatum</i>	1	r	1	1	1	1					r	1			<i>Gomphonema</i> spp.	1	2			1	1						1		Nitzschsiaceae	<i>Bacillaria paxillifer</i>						1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
		<i>Gomphonema quadripunctatum</i>	1	r	1	1	1	1					r	1			<i>Gomphonema</i> spp.	1	2			1	1						1		Nitzschsiaceae	<i>Bacillaria paxillifer</i>						1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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植物プランクトン組成経月変化(2) 補助地点(St.205:)

細胞/ml

網名	科名	学名	採集月日											
			1-20	2-22	3-8	4-27	5-24	6-15	7-13	8-3	9-22	10-12	11-9	12-8
BACILLARIOPHYCEAE	Nitzschaceae	<i>Nitzschia acicularis</i>	1					r				1	3	
		<i>Nitzschia dissipata</i>			1		f	1		1			1	
		<i>Nitzschia linearis</i>			r									
		<i>Nitzschia nana</i>						r						
		<i>Nitzschia palea</i>	1	1	1	4	1	11	1	1			1	
		<i>Nitzschia paleacea</i>						f						
		<i>Nitzschia</i> spp.	1		2	1	1	1		1		1	3	2
		Surirellaceae	<i>Surirella angusta</i>											1
	Surirellaceae	<i>Surirella</i> sp.			1			1						
CRYPTOPHYCEAE	Cryptomonadaceae	<i>Cryptomonas</i> spp.		1	1	1	6	6	1		21	2	7	2
		Cryptomonadaceae gen. spp.	5	3	3	16	227	660	23	13	160	73	87	3
DINOPHYCEAE	Gymnodiniaceae	<i>Gymnodinium</i> sp.	r	1										
		<i>Peridinium bipes f. occultatum</i>					r	1		r	18	6	r	r
	Peridiniaceae	<i>Peridinium</i> sp.	r					1			3	1		
		<i>Ceratium hirundinella</i>					1	3	5	1	2	1	r	
EUGLENOPHYCEAE	Euglenaceae	<i>Euglena</i> spp.				r		1		1				
		Peranemaceae	<i>Anisonema</i> spp.	1	5		3					12	6	
CHLOROPHYCEAE	Volvocaceae	<i>Eudorina elegans</i>				2		1						
		<i>Volvox aureus</i>			r									
	Palmellaceae	<i>Sphaerocystis</i> sp.							5	6	1	1	r	
	Oocystaceae	<i>Oocystis</i> sp.									r			
	Oocystaceae	<i>Ankistrodesmus falcatus</i>	14	4	1	8	4					6	6	7
		<i>Westella botryoides</i>								25	1	r		
		<i>Closteriopsis longissima</i>	r	1	r									
	Dictyosphaeriaceae	<i>Dictyosphaerium pulchellum</i>					1							
	Scenedesmiaceae	<i>Coelastrum</i> sp.		1		1	1							
	Desmisiaceae	<i>Staurastrum</i> sp.	r									r		
		1												
総細胞数 (細胞数/ml)			135	307	433	1628	420	1183	56	96	1110	276	408	1218
出現種類数			37	35	42	32	31	44	15	25	17	26	36	34

r < 1 細胞/ml