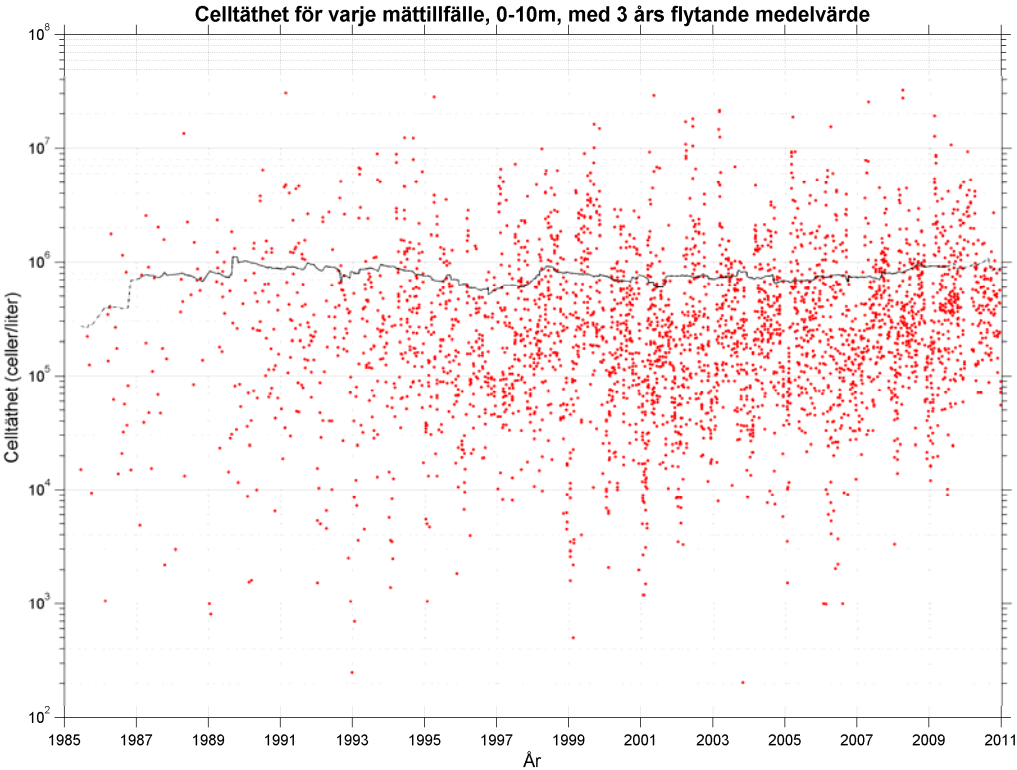
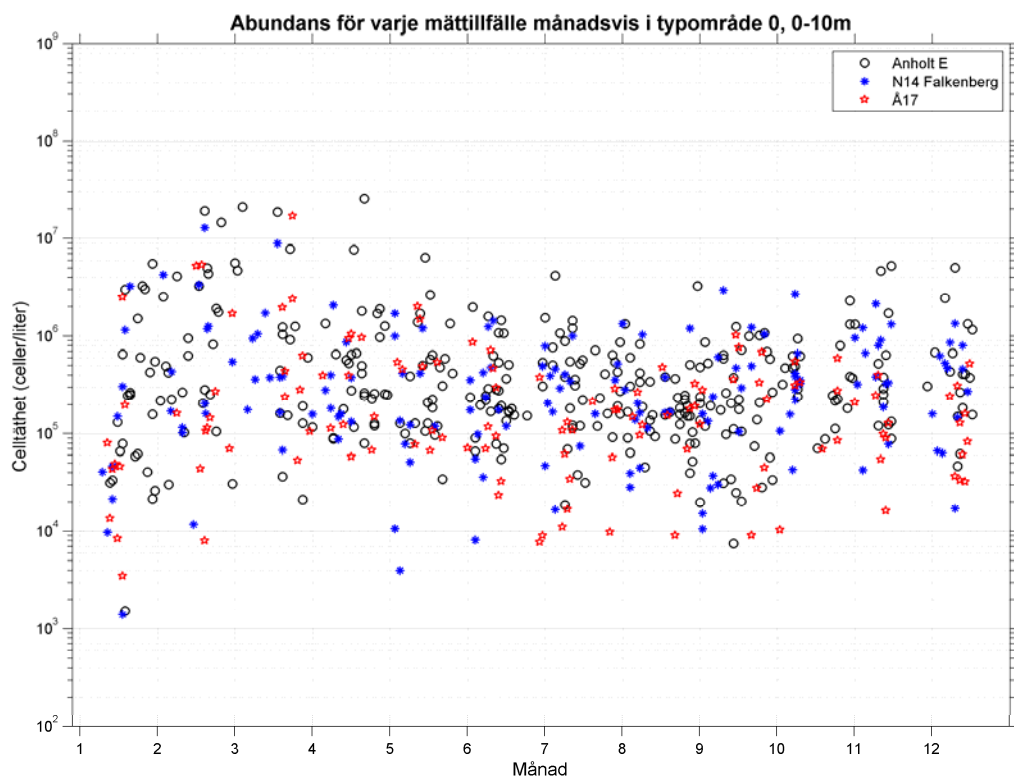
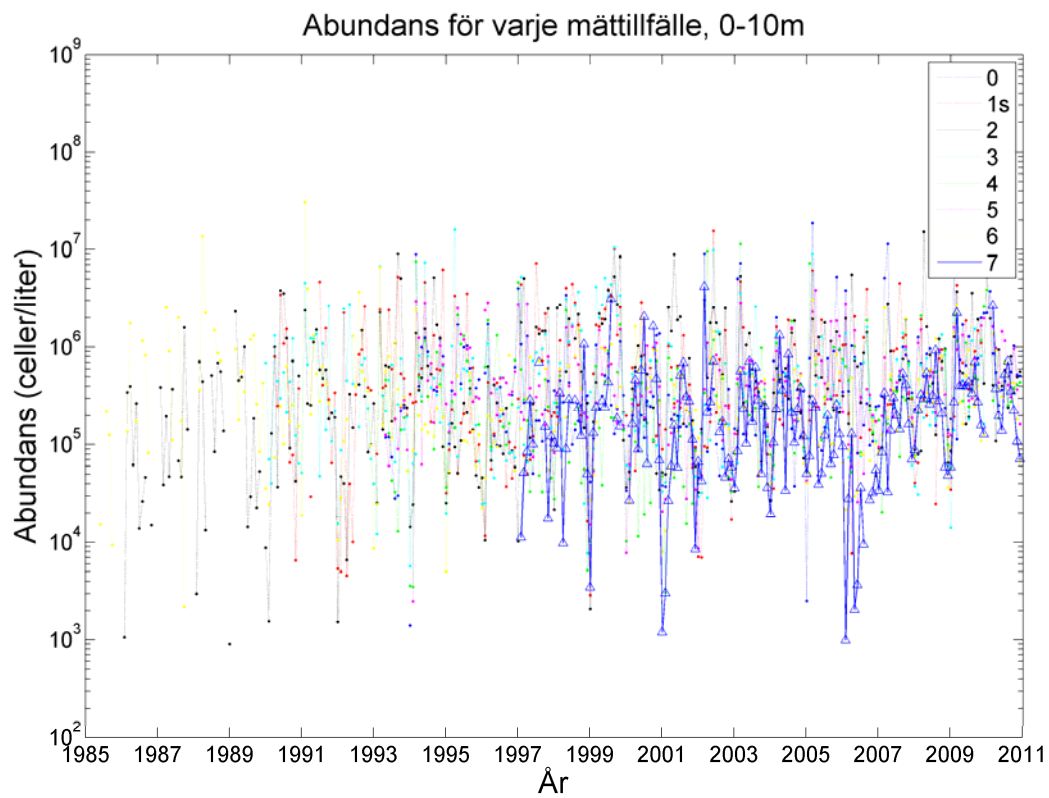
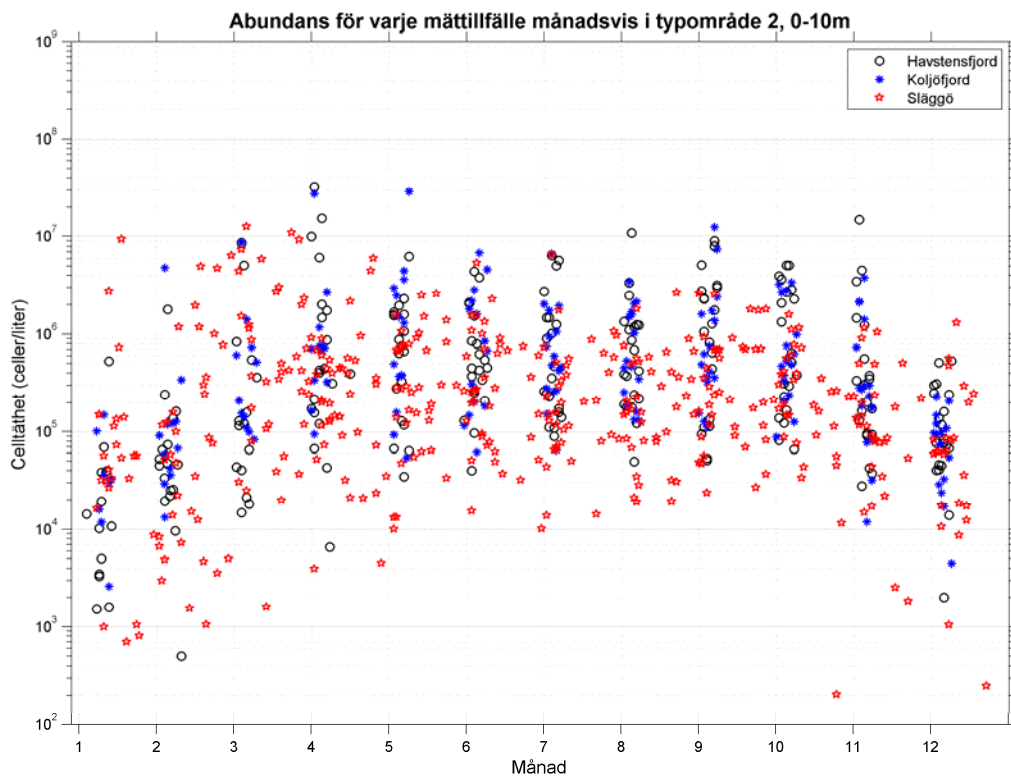
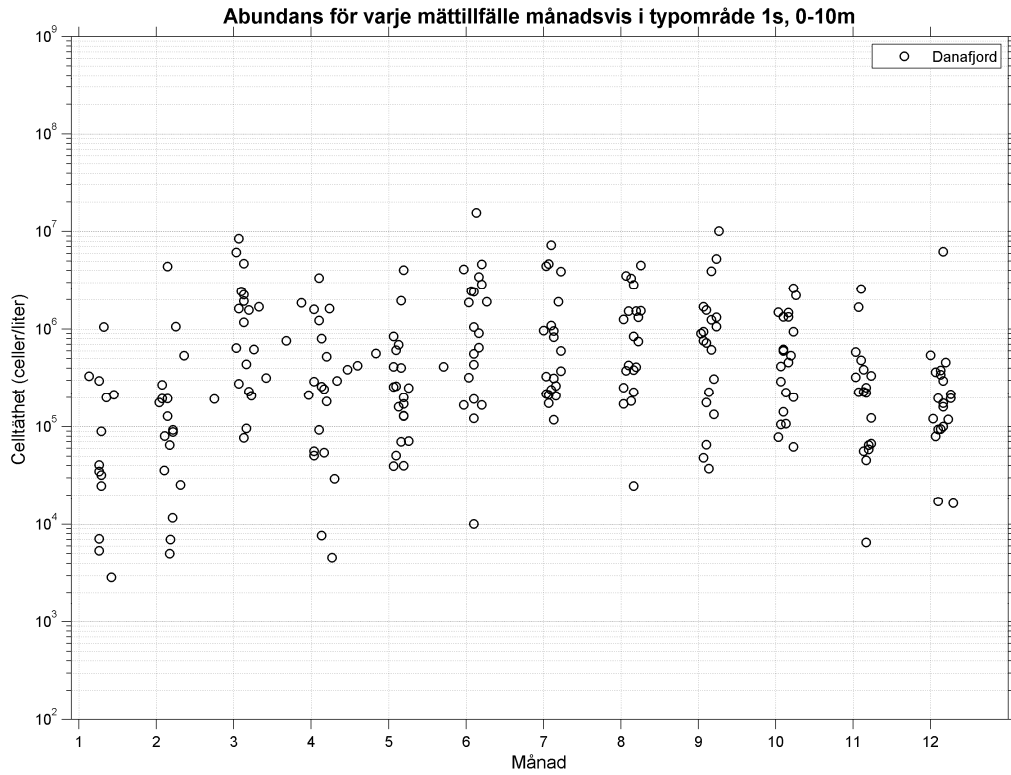
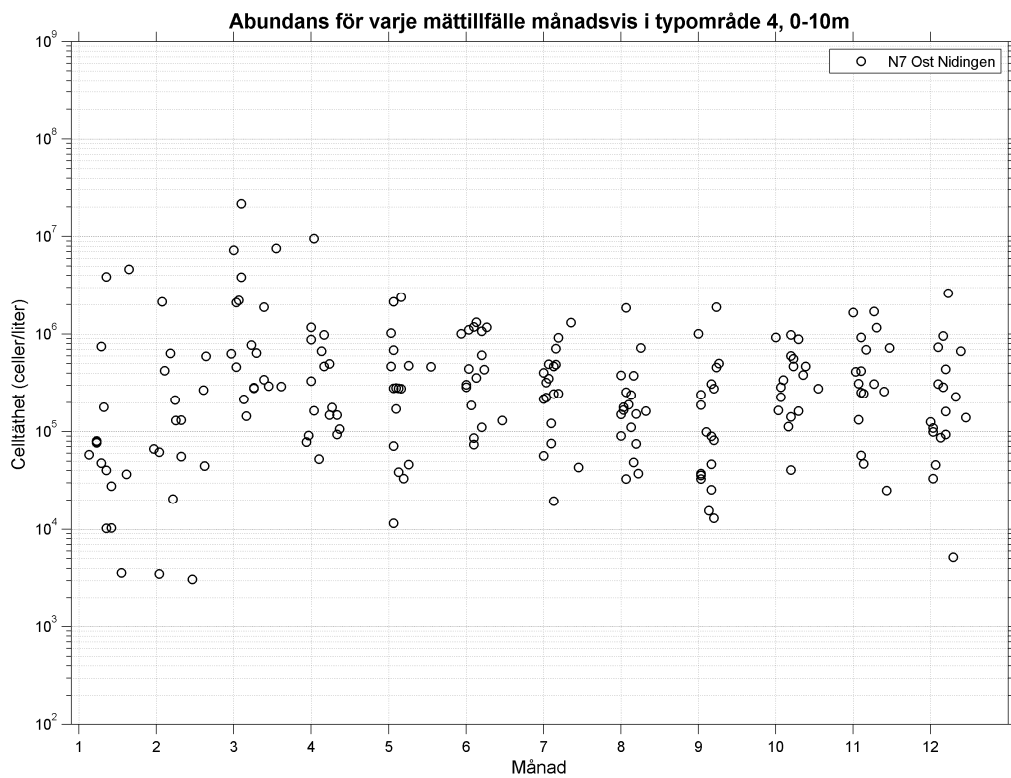
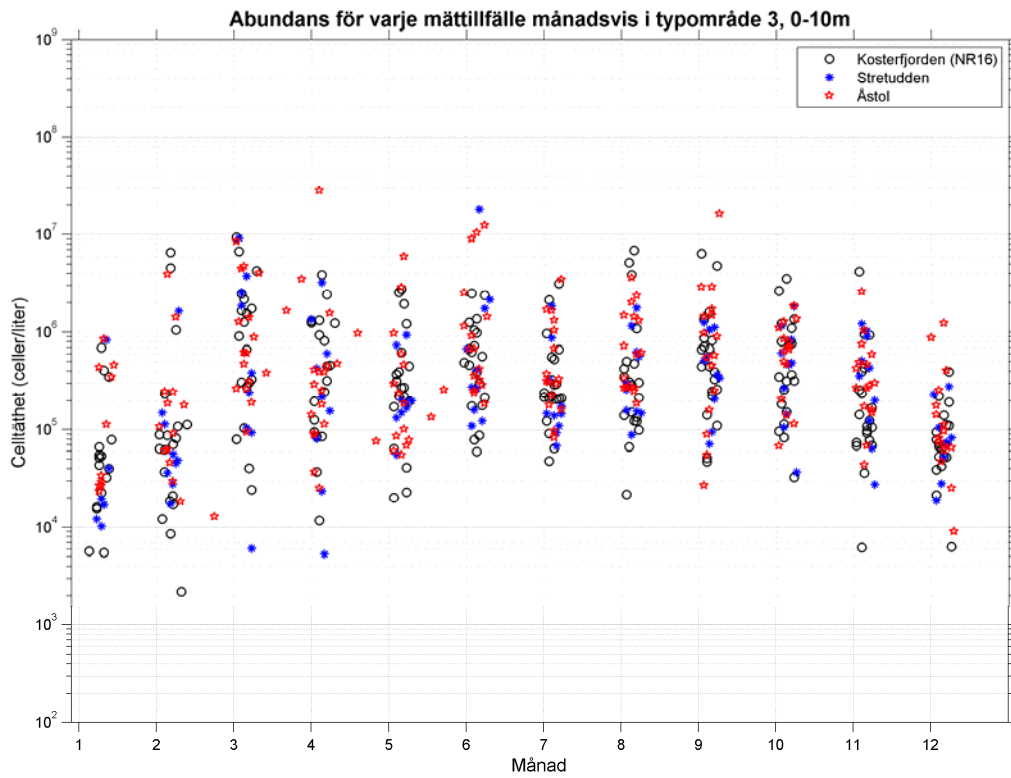


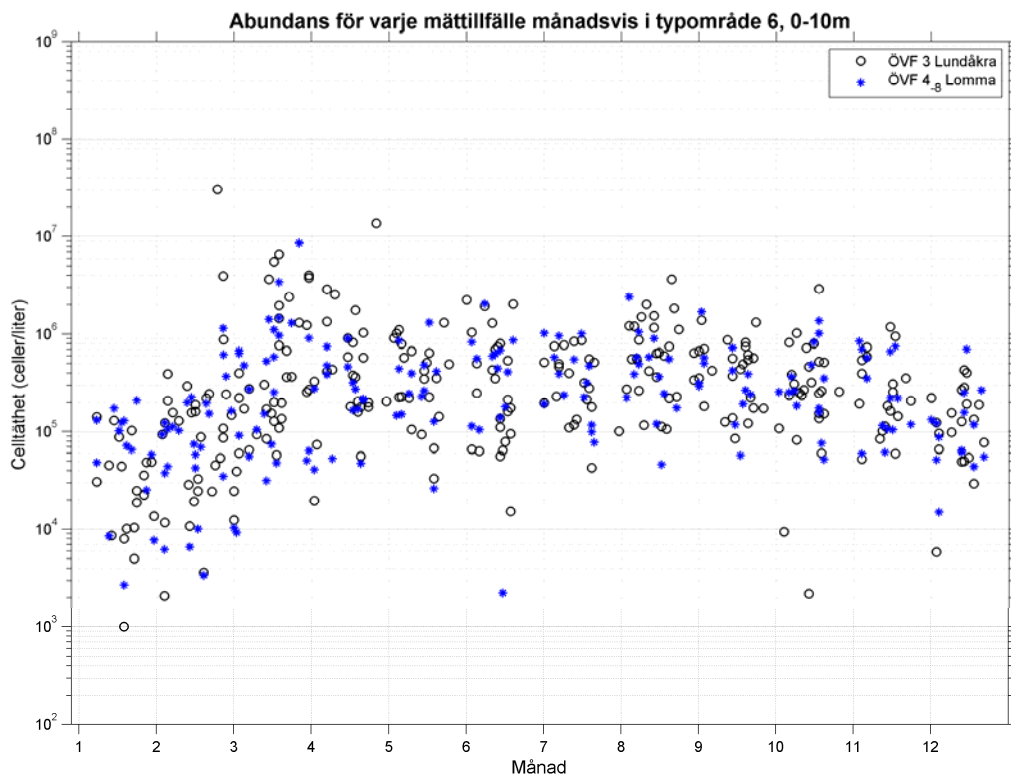
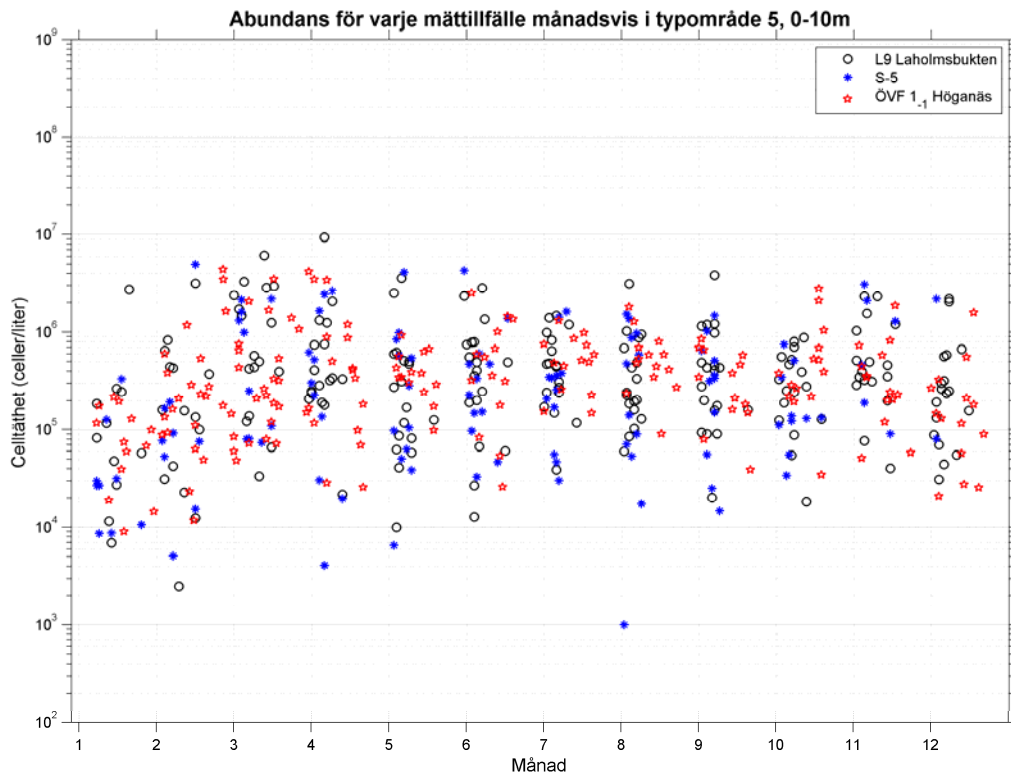
Appendix 2a - Loggade tidsserier

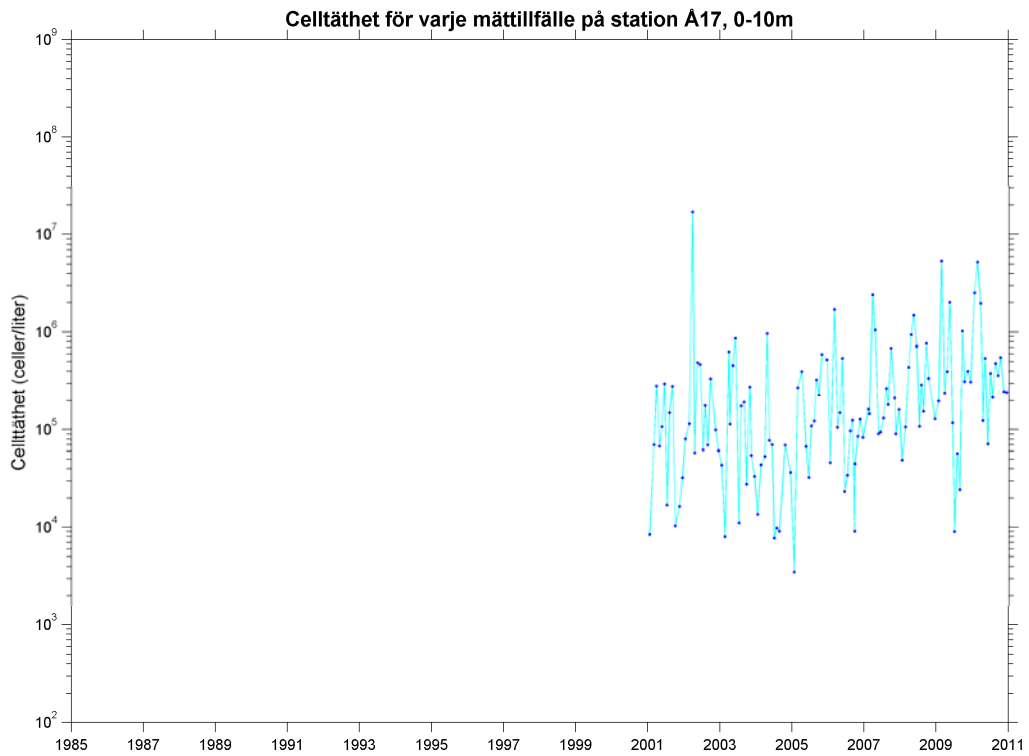
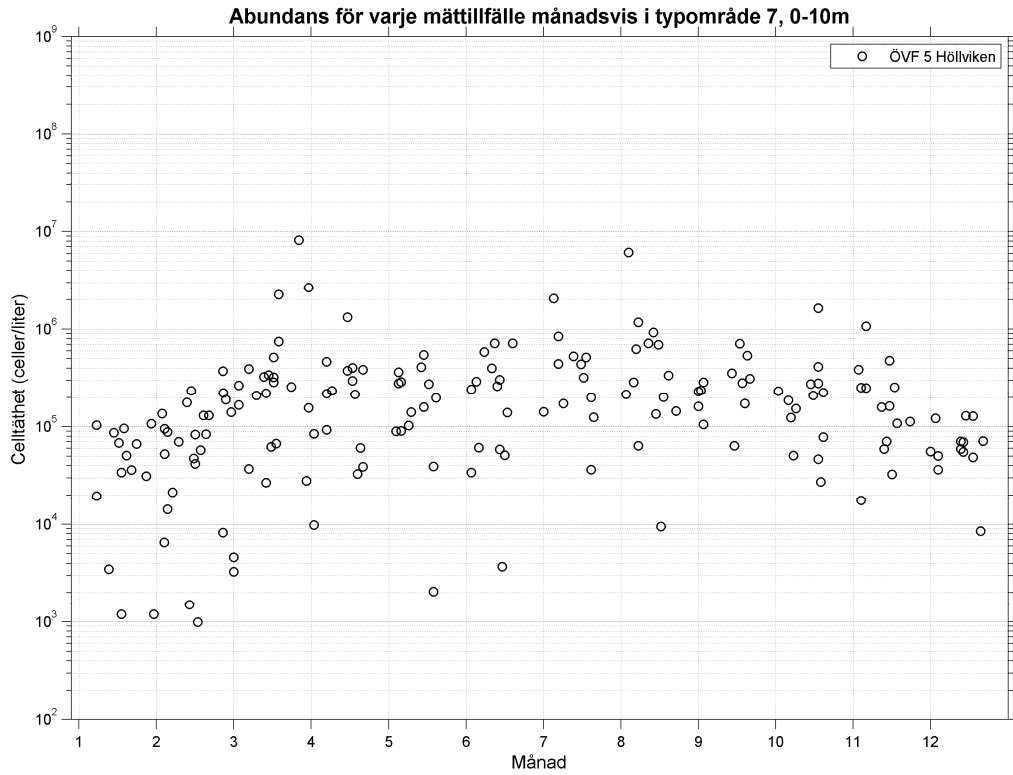




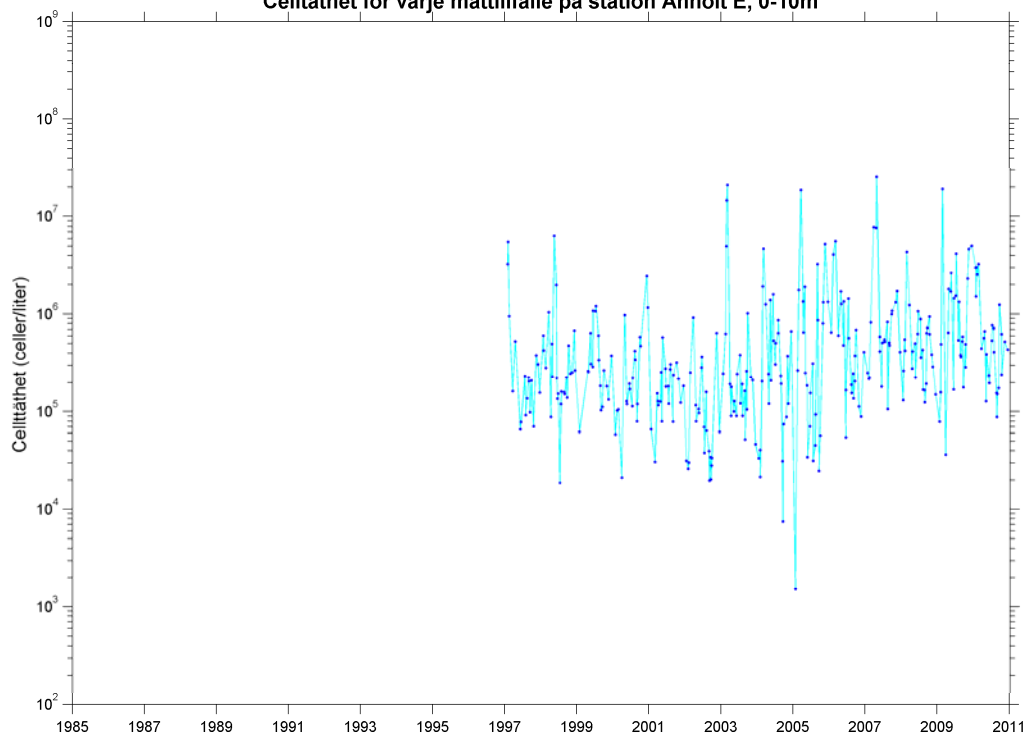




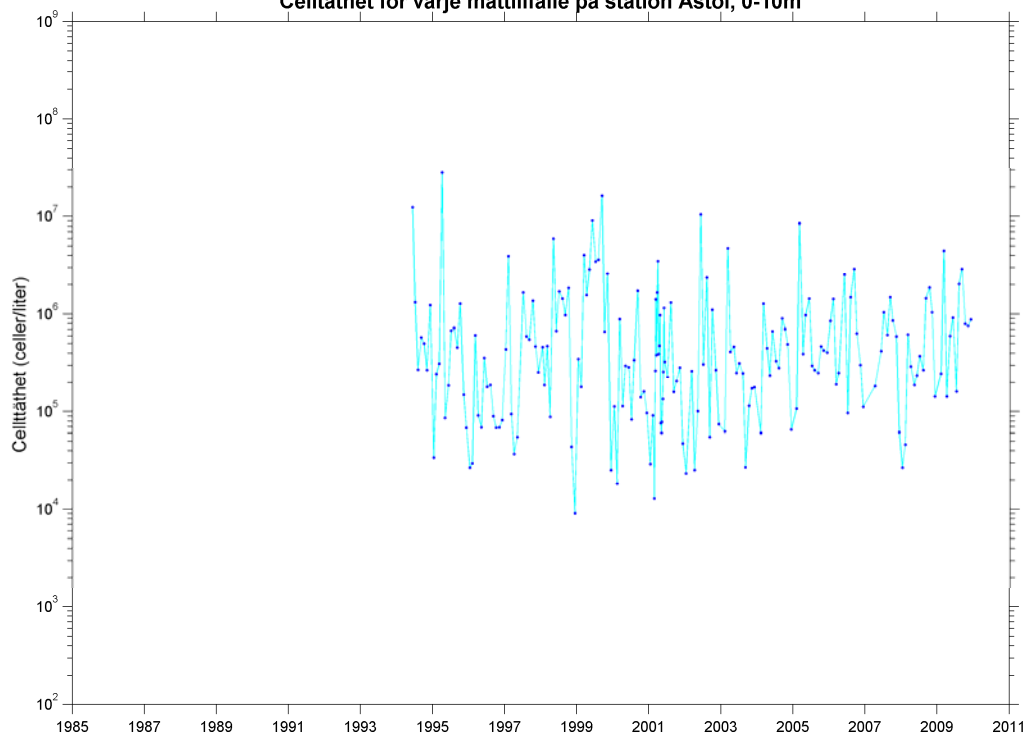


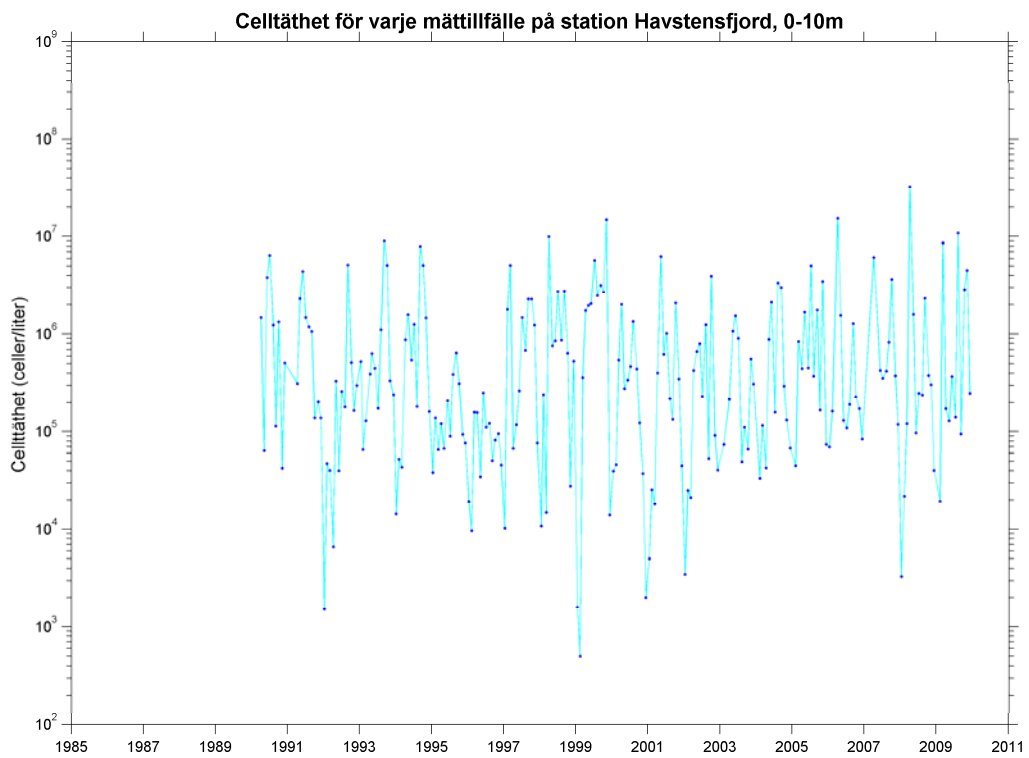
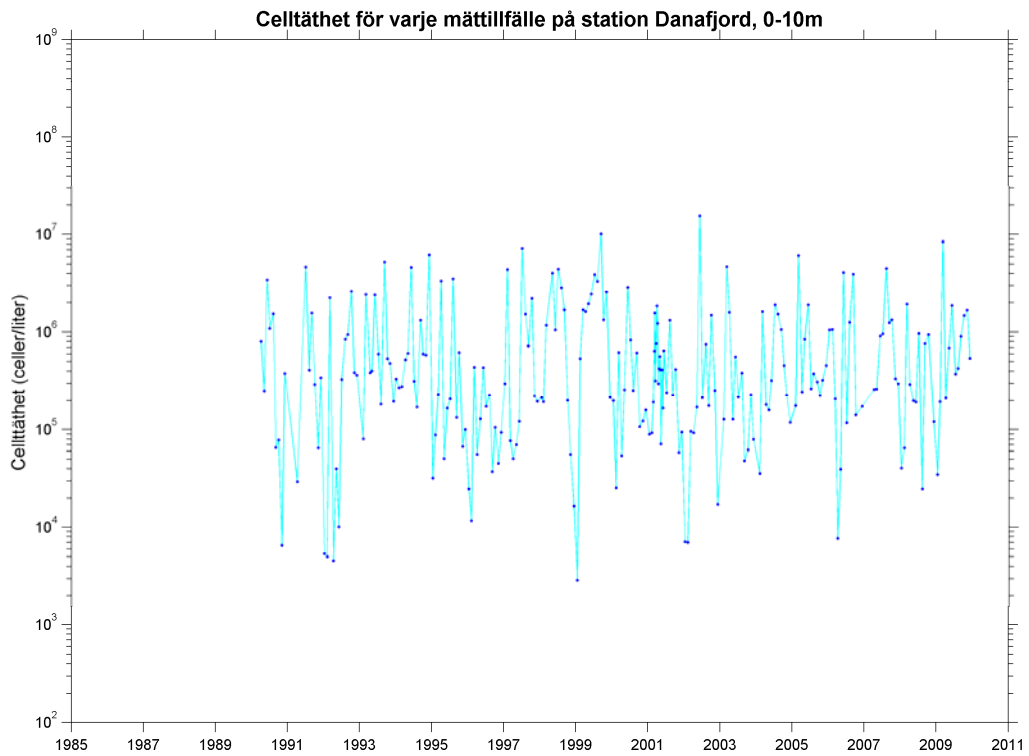


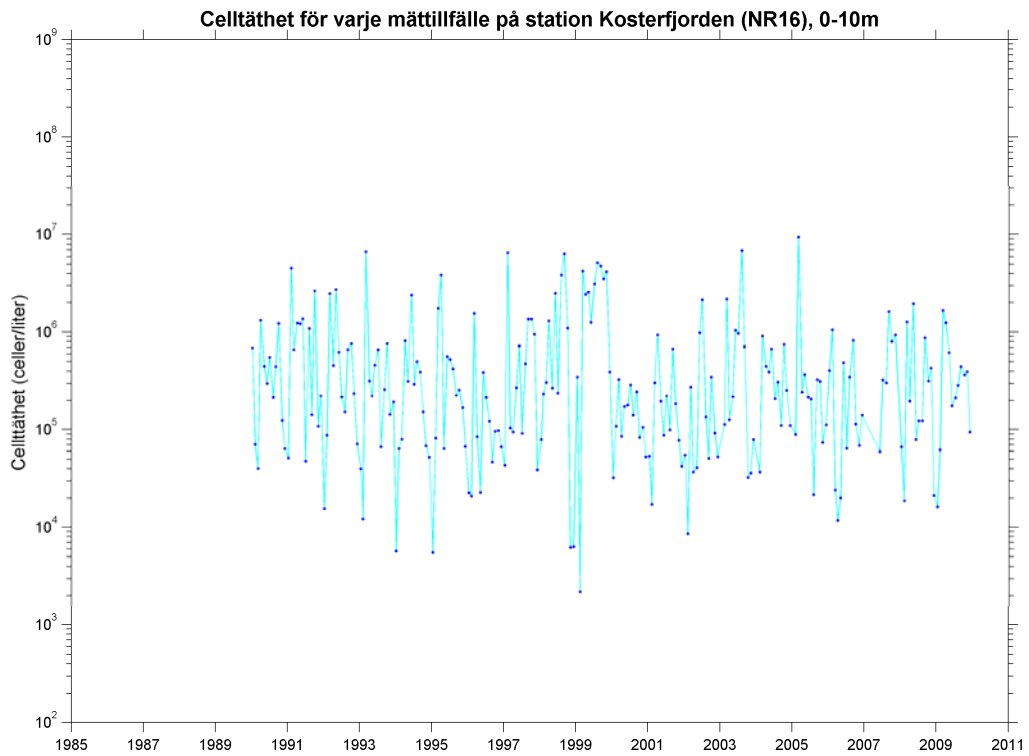
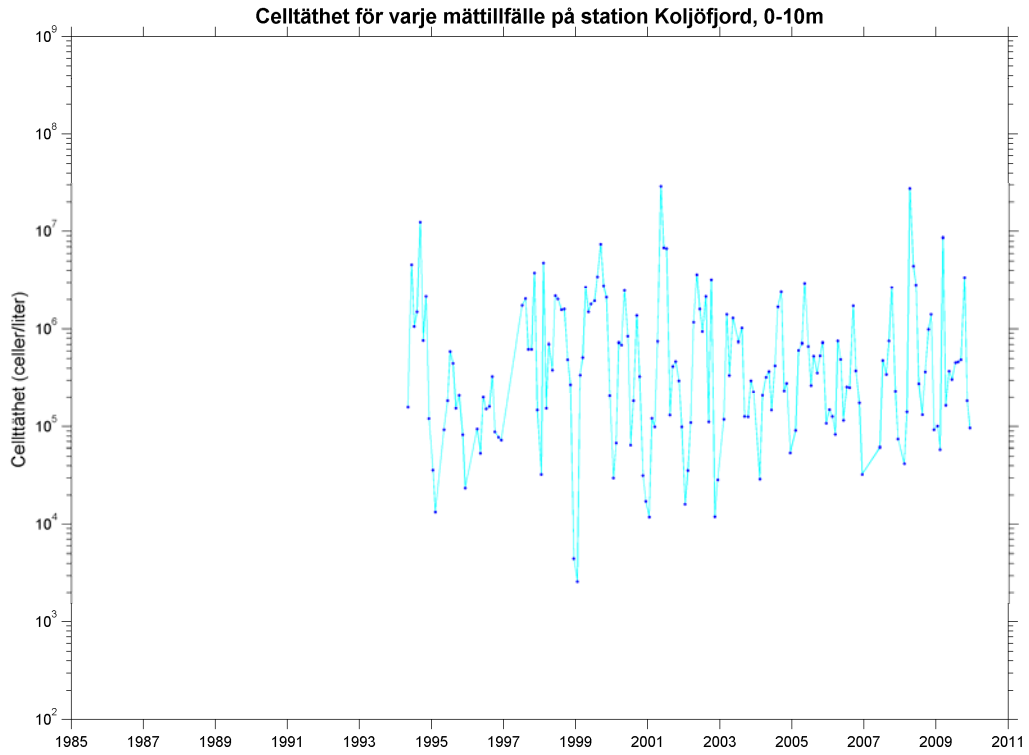
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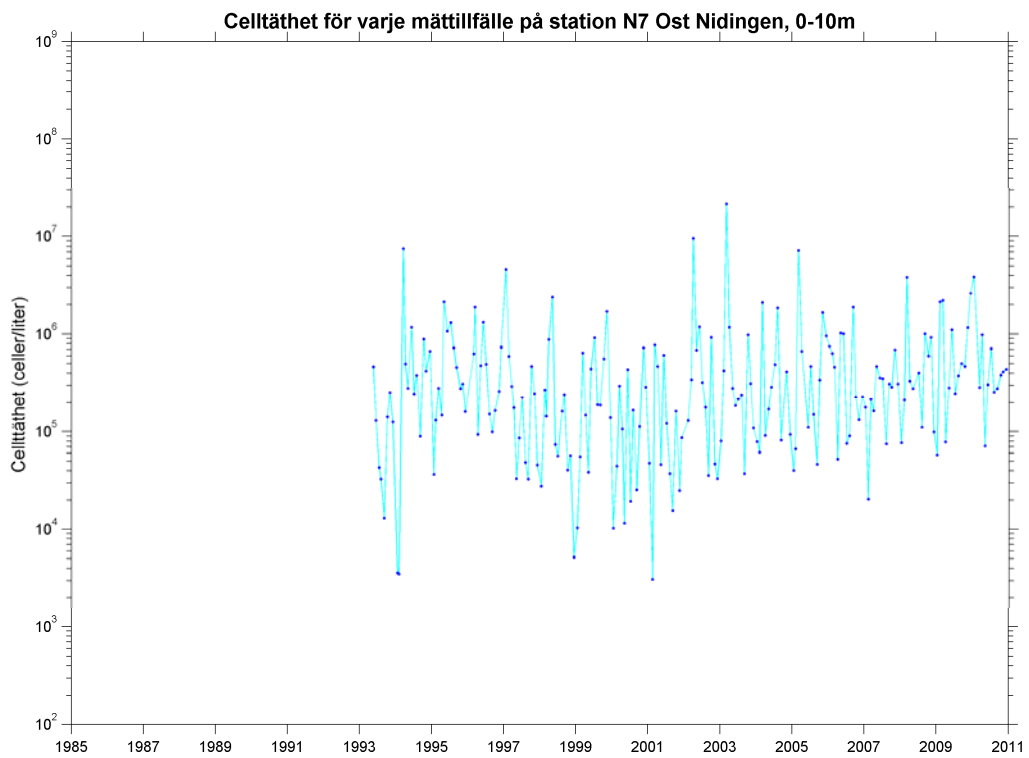
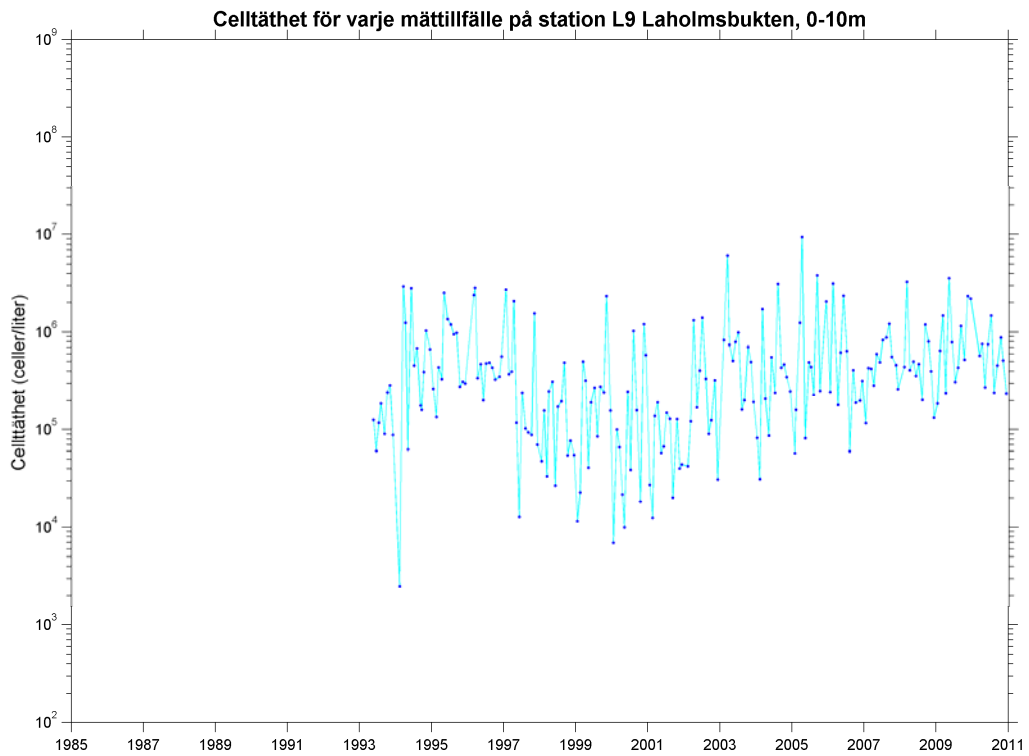


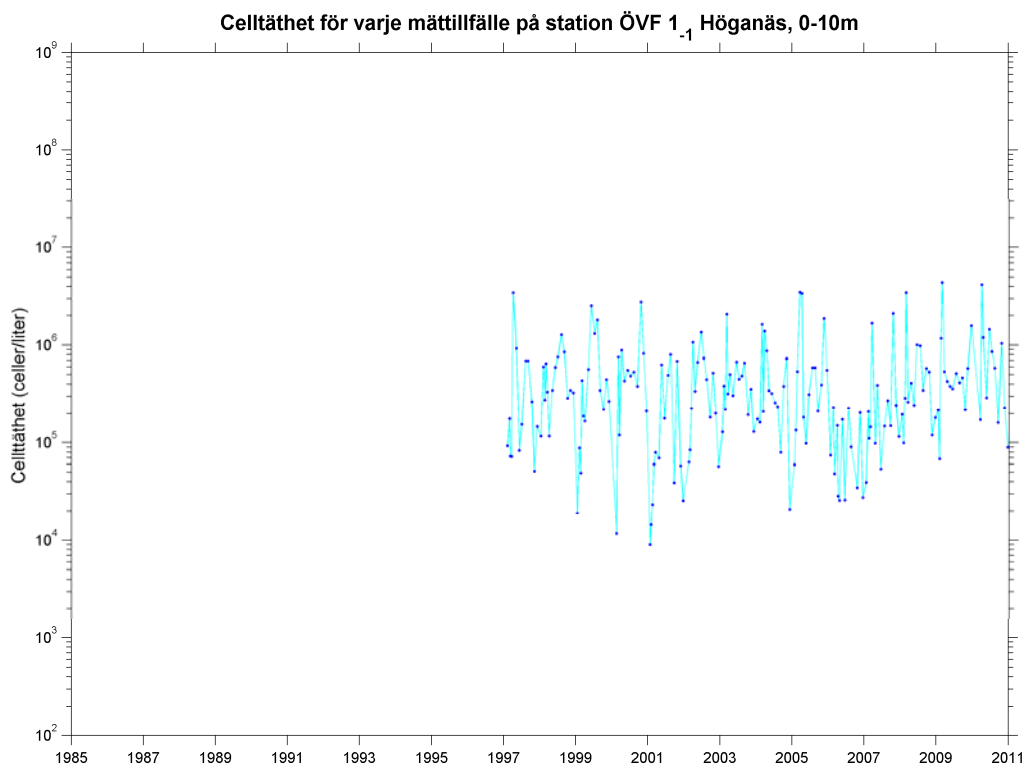
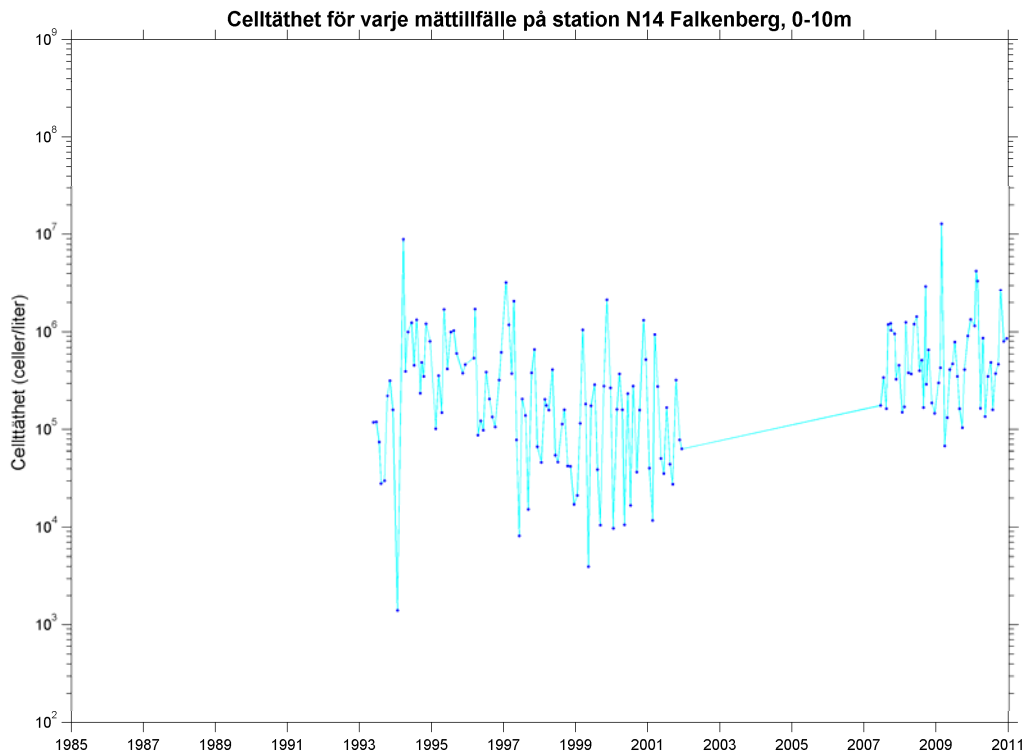
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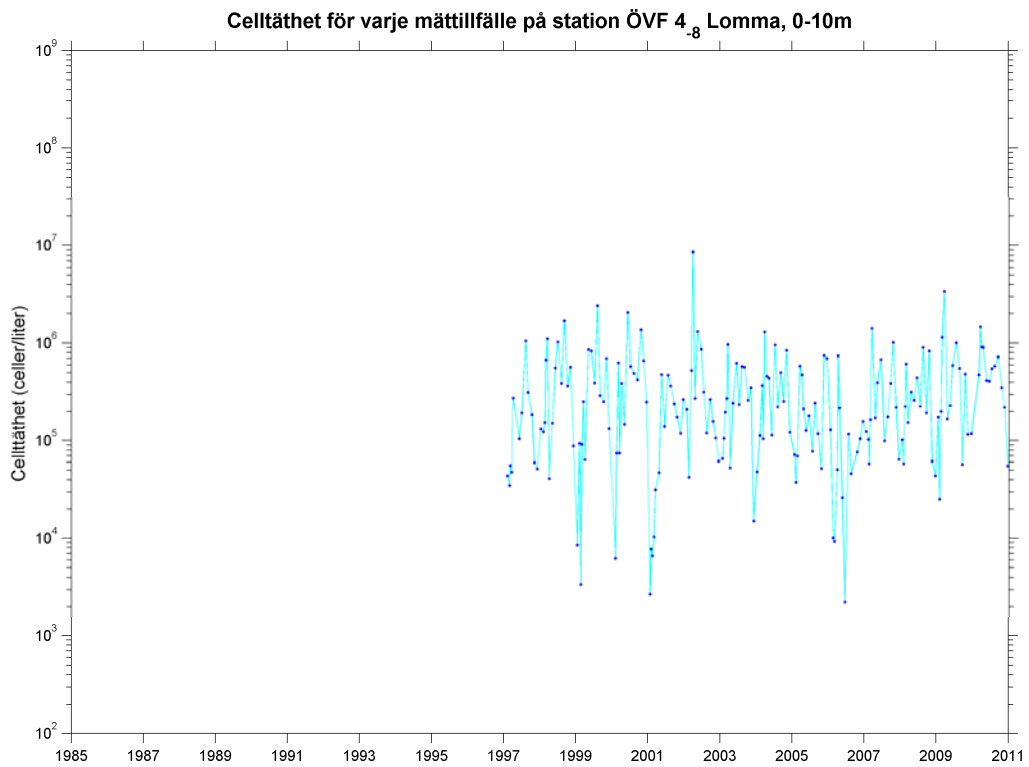
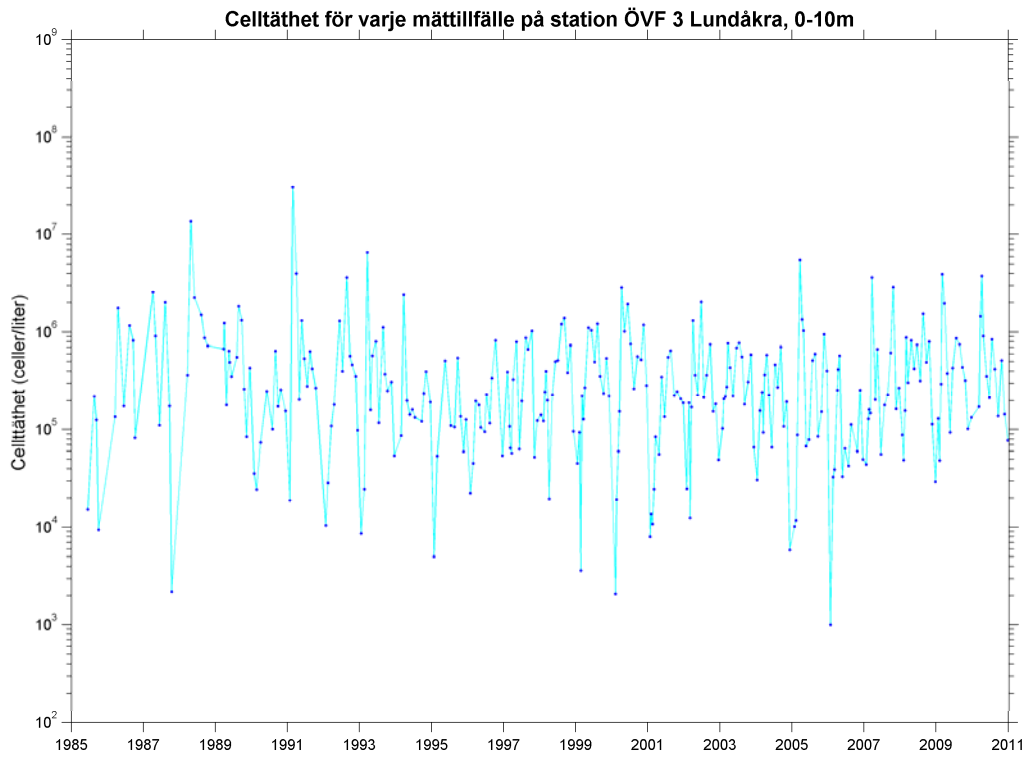


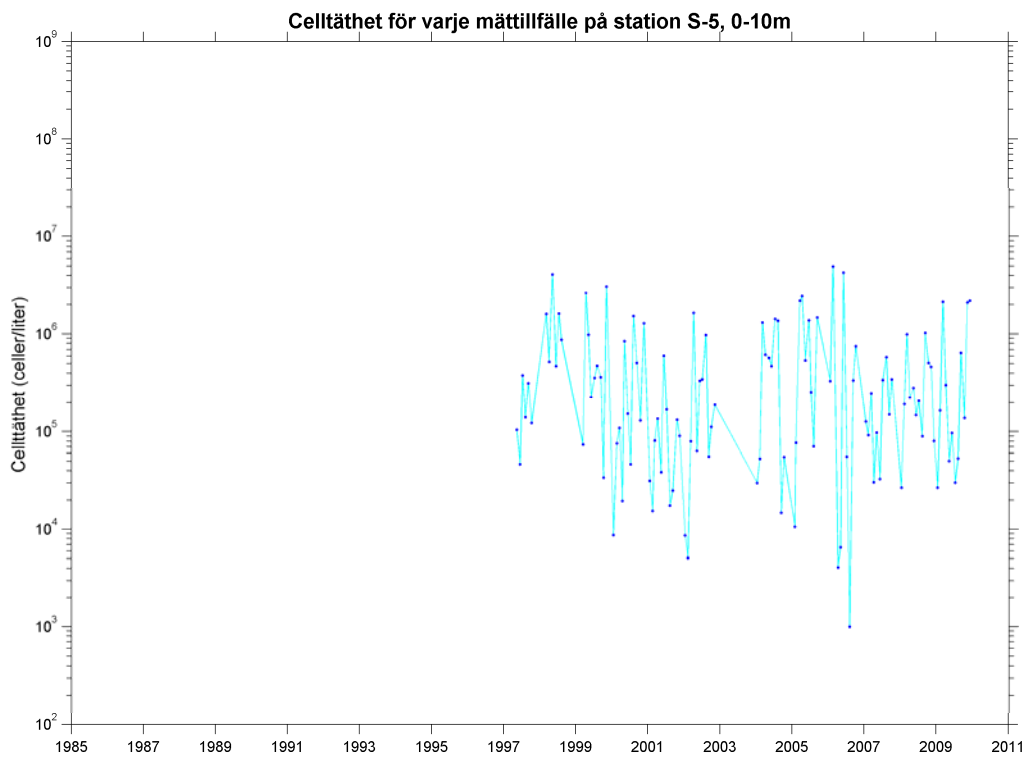
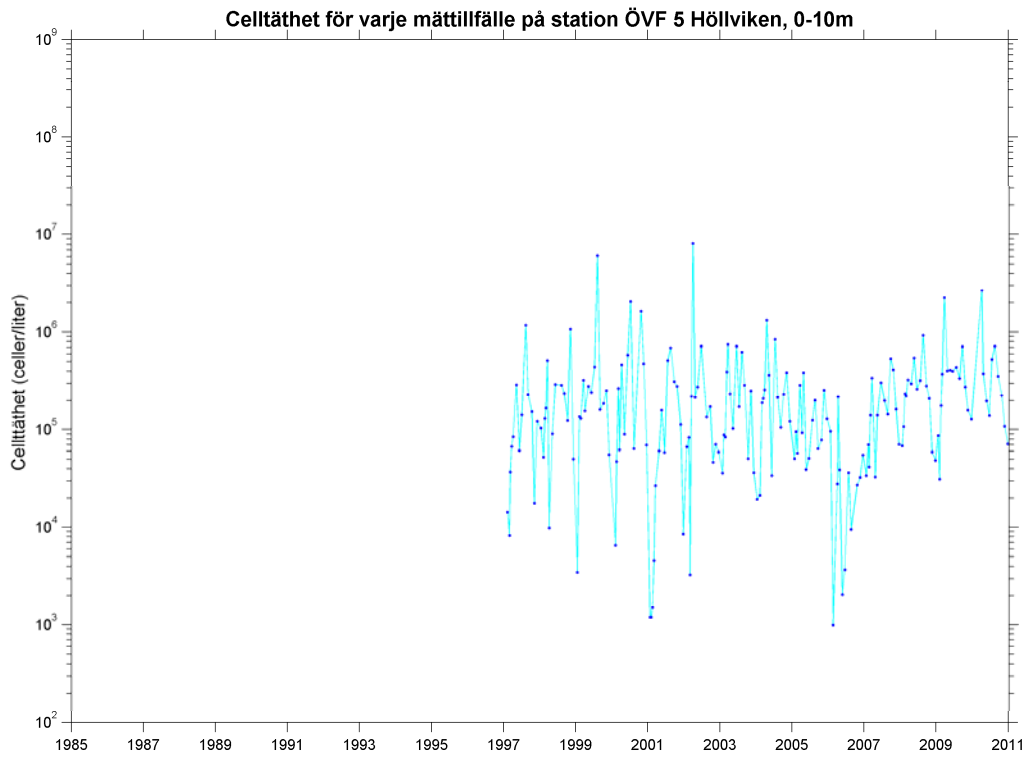


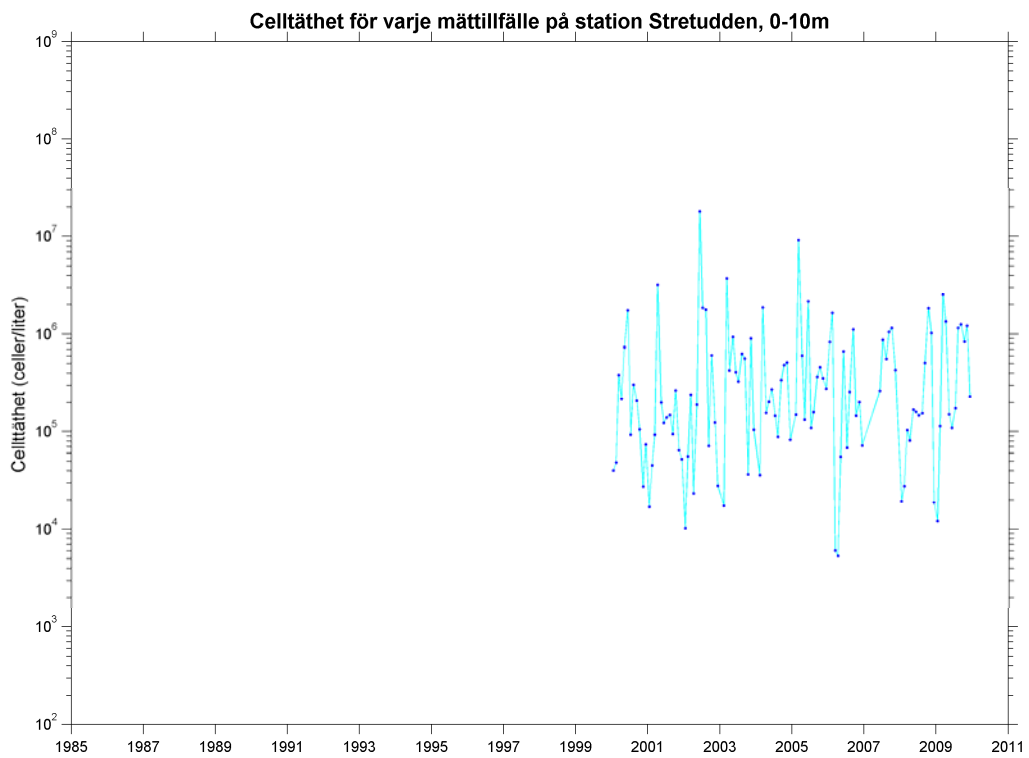
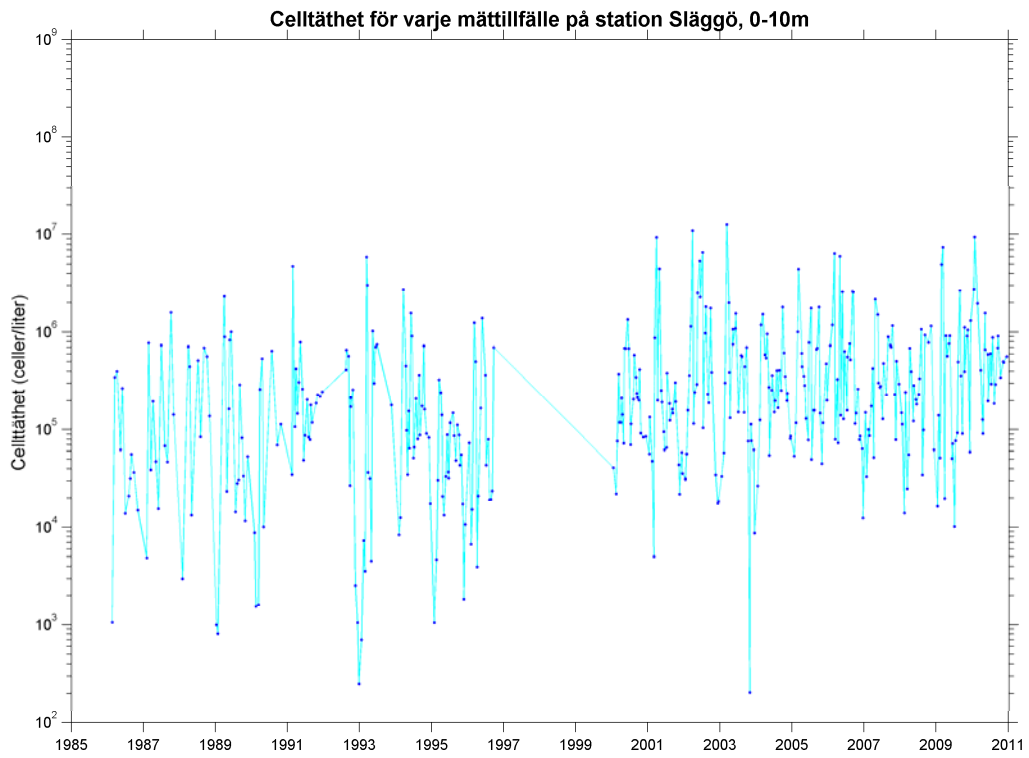


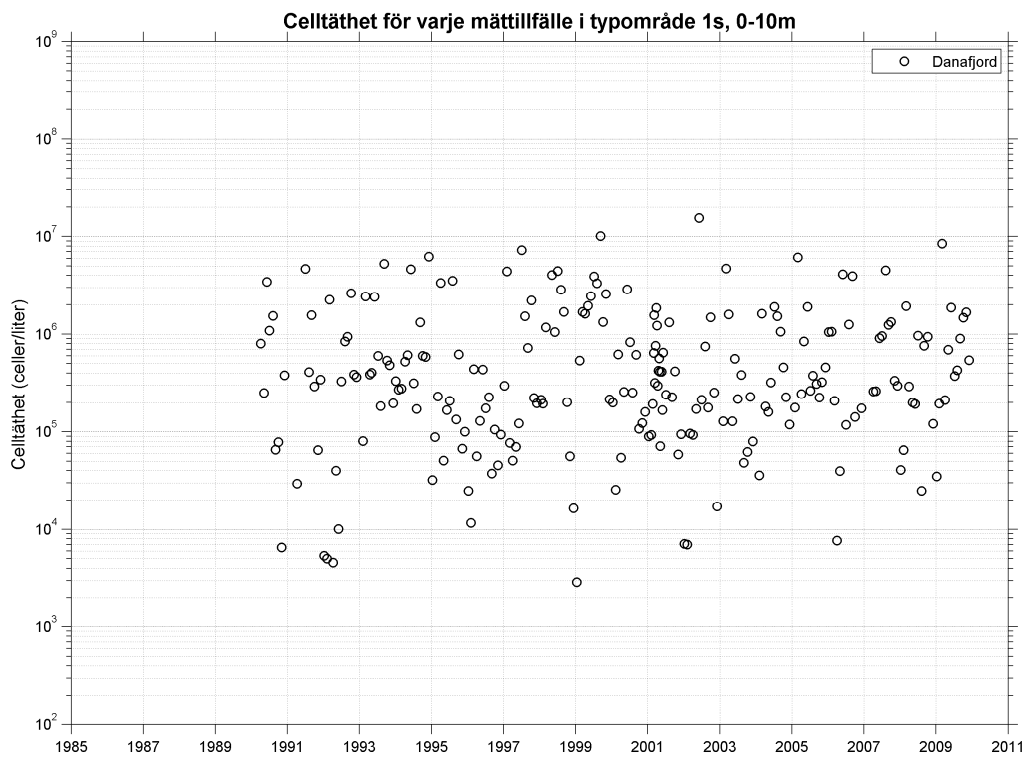
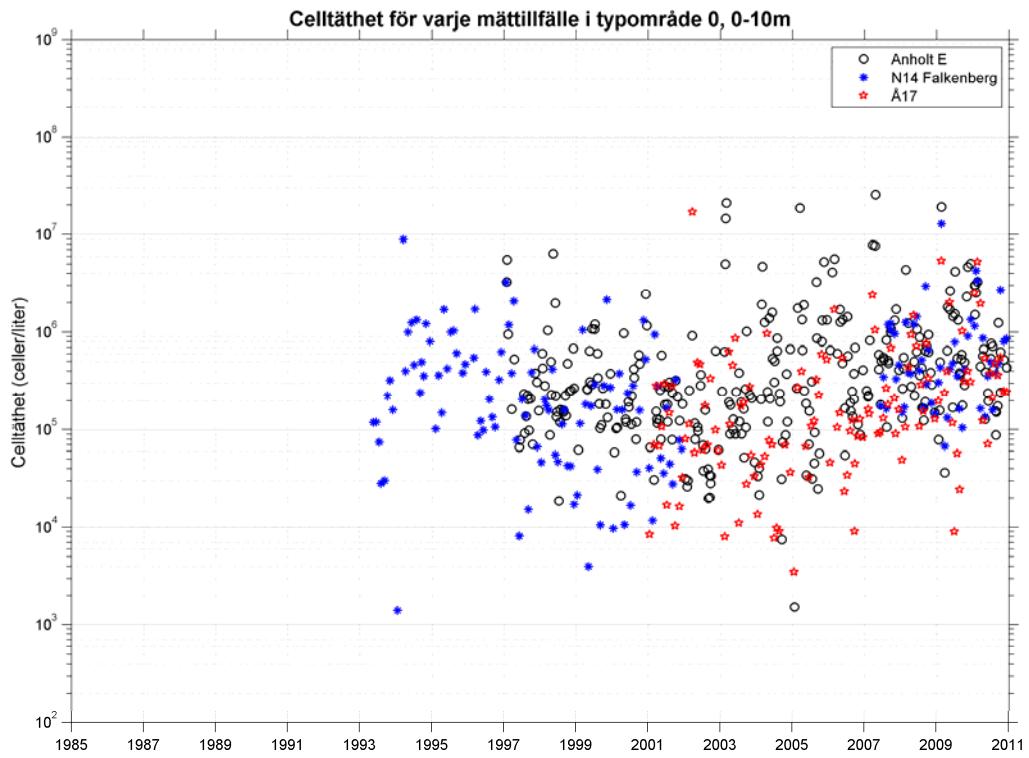


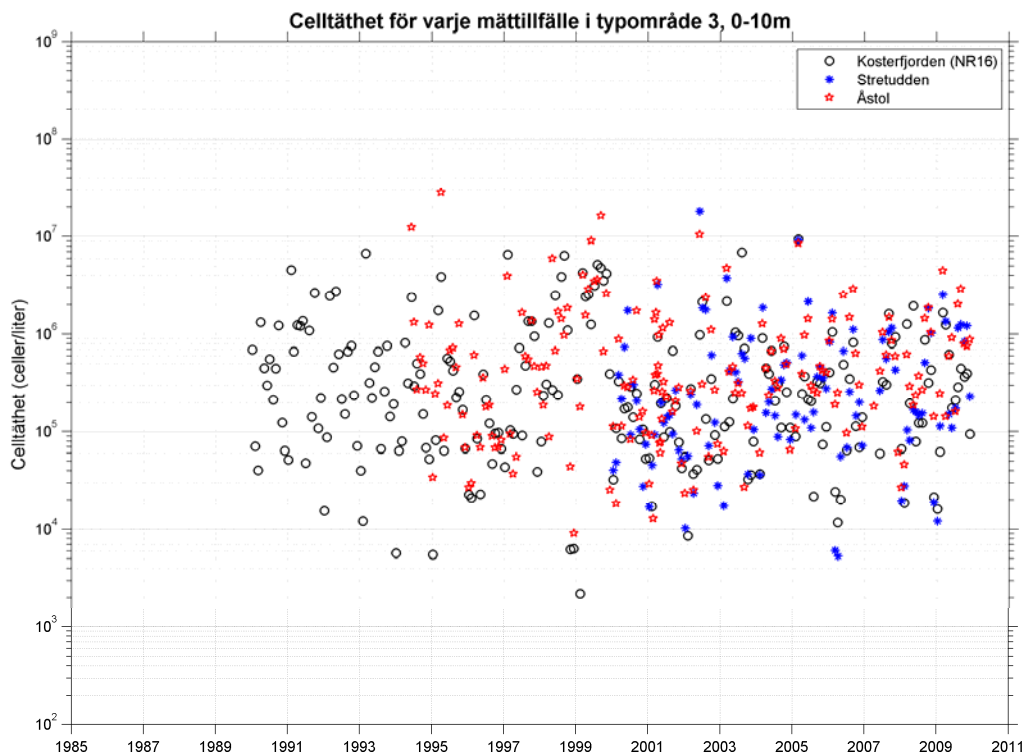
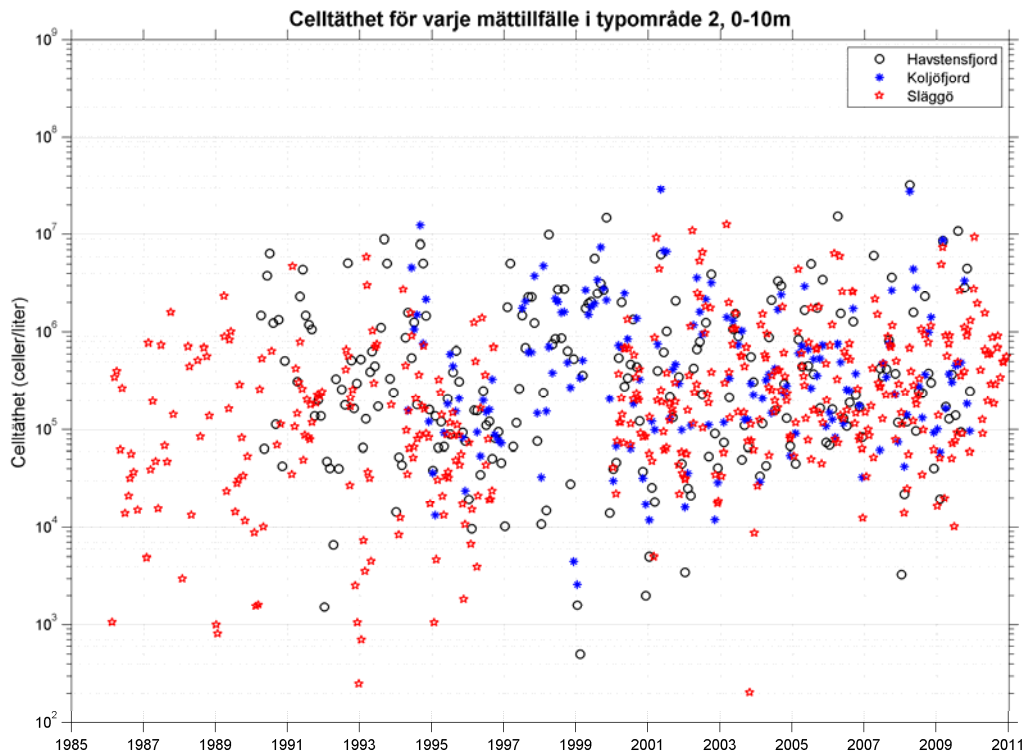


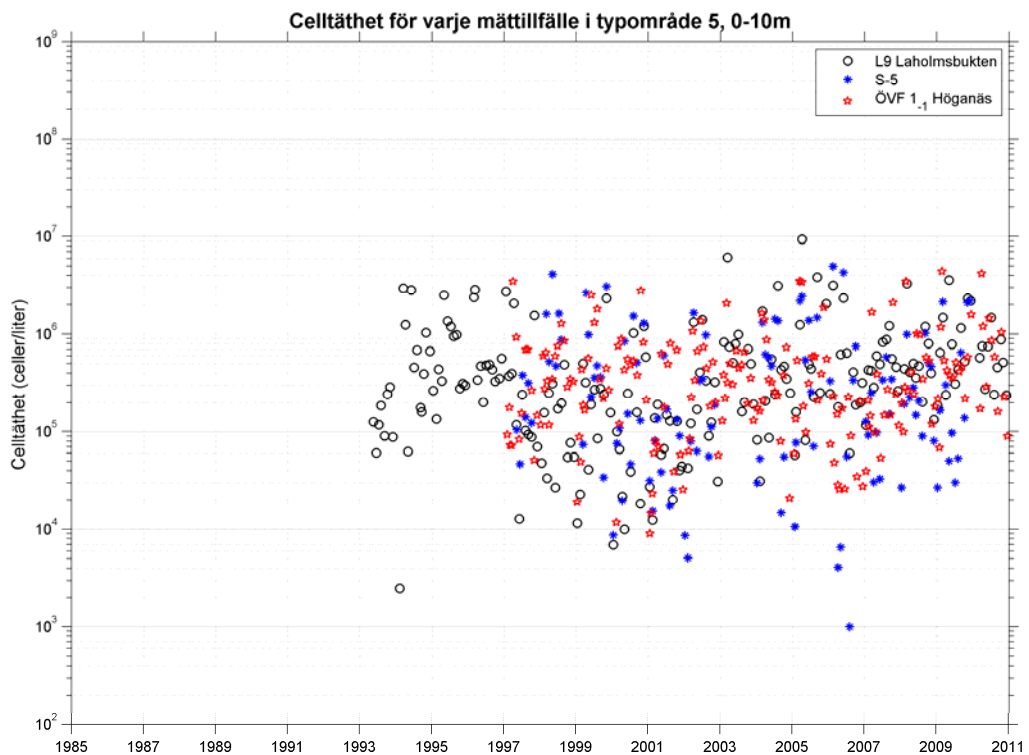
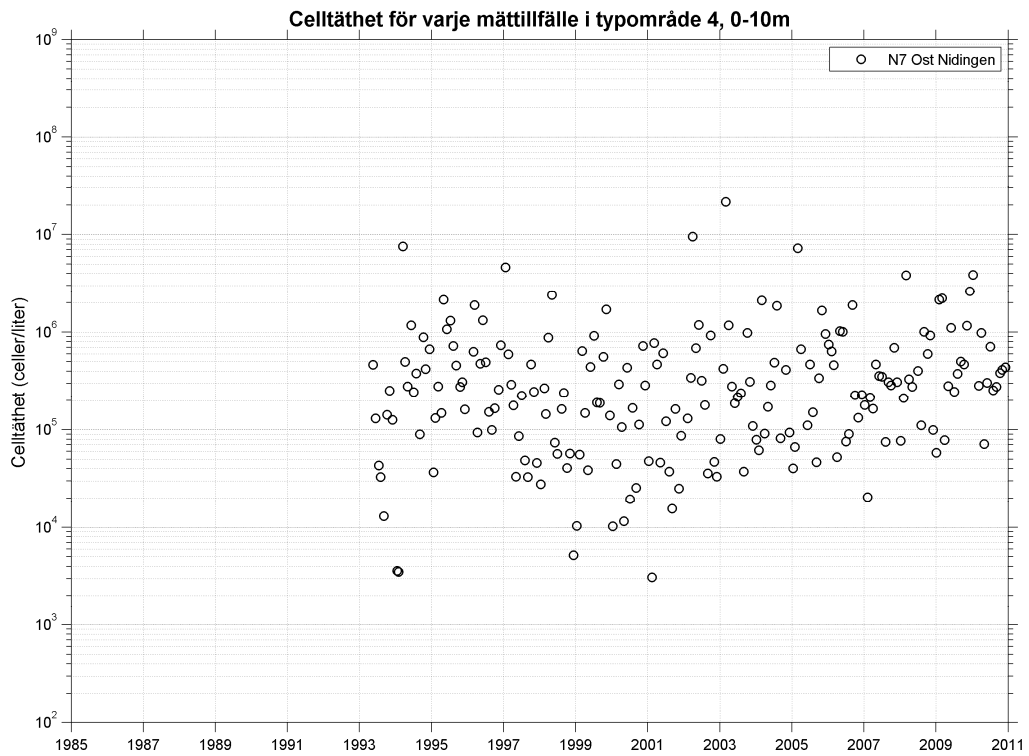


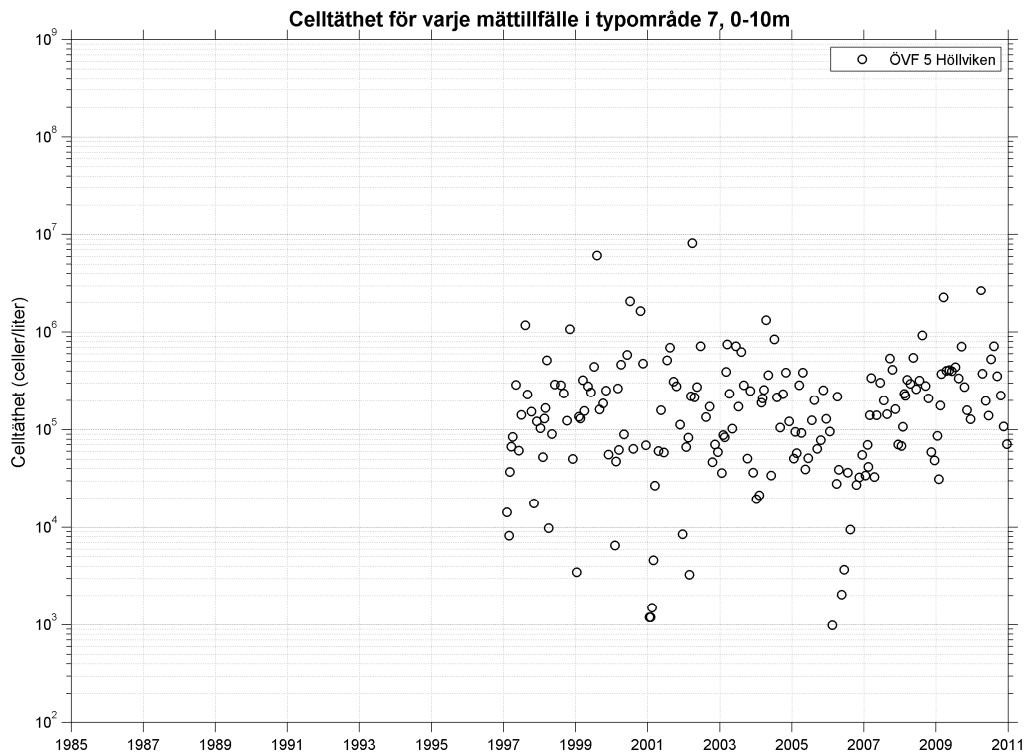
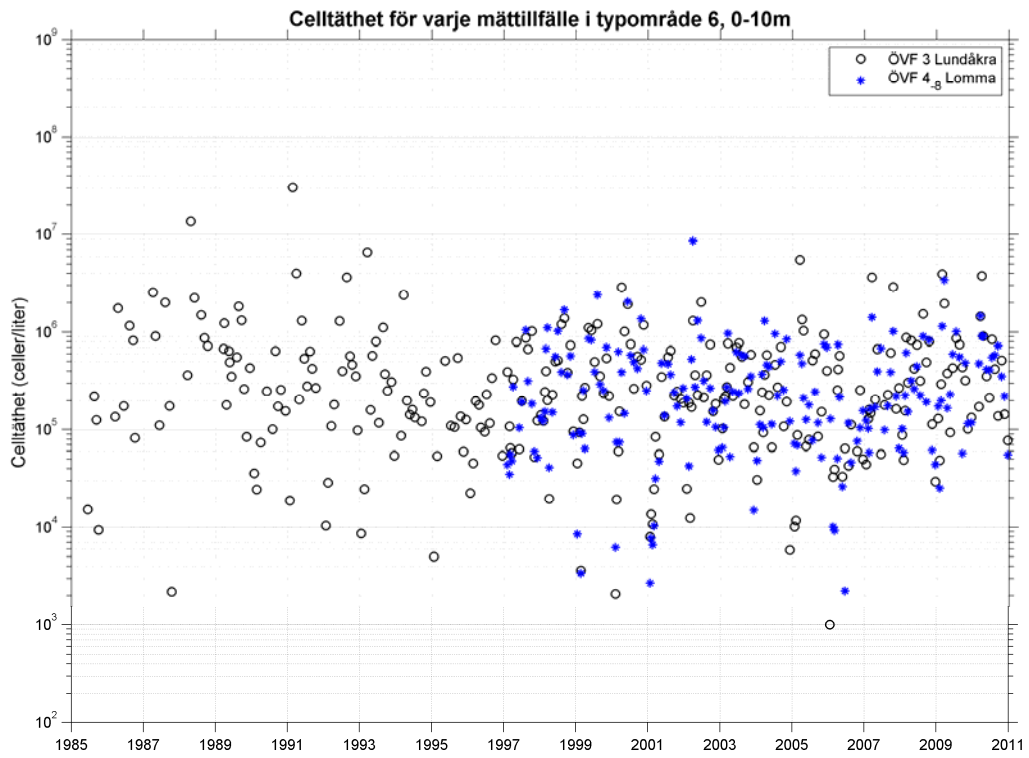












Appendix 2b - Resultat av Mann Kendall test.

<http://www.ida.liu.se/divisions/stat/research/Software/index.en.shtml>

<http://www.miljostatistik.se/mannkendall.html>

1997-2010

ÖVF 5 Höllviken

Total Abundans månadsvis Multivariate

Variable	Month	MK statistic	p-value (twoside d)	Significance code	Slope (change/index)	Median
Abundance Total	All categories	89	0.3144		4686.272727	159000

Total Abundans månadsvis Univariate

Variable	Month	MK statistic	p-value (twoside d)	Significance code	Slope (change/index)	Median
Abundance Total	1	9	0.4835		3840.5	50835
Abundance Total	2	20	0.2224		10840.72222	76385
Abundance Total	3	27	0.1394		28829.4	305667.5
Abundance Total	4	24	0.1431		19509.4375	234510
Abundance Total	5	7	0.7016		5616.555556	177833.5
Abundance Total	6	-3	0.8695		-3022.8	252366
Abundance Total	7	-5	0.6971		-13534.22222	438950
Abundance Total	8	-5	0.7843		-12053.66667	312274.5
Abundance Total	9	11	0.3252		18385.5	284598
Abundance Total	10	7	0.7016		5167.545455	197871.5
Abundance Total	11	-15	0.4115		-15385.16667	156497.5
Abundance Total	12	12	0.4641		1028	69300

1990-2010 (1985-2010, 80-talet är ej medtaget pga osäkra data)

ÖVF 3 Lundåkra

Total Abundans månadsvis Multivariate

Variable	Month	MK statistic	p-value (twoside d)	Significance code	Slope (change/index)	Median
Abundance Total	All categories	54	0.6871		844.8333333	229527.5

Total Abundans månadsvis Univariate

Variable	Month	MK statistic	p-value (twoside d)	Significance code	Slope (change/index)	Median
Abundance Total	1	26	0.2842		1527.65625	24970
Abundance Total	2	48	0.1194		6546.261905	70150
Abundance Total	3	15	0.5997		8847	304064
Abundance Total	4	79	0.0057	++	27721.23077	329600
Abundance Total	5	-49	0.0865		-26733.33333	348500
Abundance Total	6	-38	0.2176		-8655	339864
Abundance Total	7	59	0.0390	+	16967.33333	317675
Abundance Total	8	-26	0.3989		-17182.80952	616603.5
Abundance Total	9	-4	0.8691		-2528.245455	439101
Abundance Total	10	-2	0.9518		-667.45	267500
Abundance Total	11	-35	0.1849		-11836.85714	231190
Abundance Total	12	-19	0.5062		-1600	98400

1997-2010

ÖVF 4:8 Lomma

Total Abundans månadsvis Multivariate

Variable	Month	MK statistic	p-value (twoside d)	Significance code	Slope (change/index)	Median
Abundance Total	All categories	15	0.8384		631.2	242821.5

Total Abundans månadsvis Univariate

Variable	Month	MK statistic	p-value (twoside d)	Significance code	Slope (change/index)	Median
Abundance Total	1	9	0.4835		6927.75	80043.5
Abundance Total	2	32	0.0509		16420.91667	53571.5
Abundance Total	3	21	0.2503		61521.75	602037.5
Abundance Total	4	22	0.1795		17115.29167	275800
Abundance Total	5	-10	0.5418		-5917.388889	261488
Abundance Total	6	-17	0.3520		-18330.5	520272
Abundance Total	7	-6	0.6808		-16606.25	354427.5
Abundance Total	8	-11	0.5470		-16739.83333	441650
Abundance Total	9	-15	0.2429		-30658	388767
Abundance Total	10	7	0.7016		10038.57143	258846.5
Abundance Total	11	-11	0.5470		-8169.857143	221010
Abundance Total	12	-6	0.7143		-1704.770833	87900

1997-2010

ÖVF 1:1 Höganäs

Total Abundans månadsvis Multivariate

Variable	Month	MK statistic	p-value (twoside d)	Significance code	Slope (change/index)	Median
Abundance Total	All categories	10	0.9033		1762.75	344450

Total Abundans månadsvis Univariate

Variable	Month	MK statistic	p-value (twoside d)	Significance code	Slope (change/index)	Median
Abundance Total	1	11	0.3252		3621.8	95567
Abundance Total	2	34	0.0381	+	41852.72917	230886
Abundance Total	3	37	0.0428	+	104949.75	513884.5
Abundance Total	4	0	1.0000		1400.277778	428462
Abundance Total	5	-37	0.0428	-	-31315	361390
Abundance Total	6	-3	0.8695		-6455	458591.5
Abundance Total	7	-6	0.6808		-20417.25	504494
Abundance Total	8	-39	0.0328	-	-44867.09091	510912.5
Abundance Total	9	-5	0.6971		-10295.8	211962
Abundance Total	10	7	0.7016		15062.85714	385939.5
Abundance Total	11	9	0.6222		6098.75	293514.5
Abundance Total	12	2	0.9029		1795.154545	130287

1994-2009

Åstol

Total Abundans månadsvis Multivariate

Variable	Month	MK statistic	p-value (twoside d)	Significance code	Slope (change/index)	Median
Abundance Total	All categories	120	0.2496		8634.095238	328207.5

Total Abundans månadsvis Univariate

Variable	Month	MK statistic	p-value (twoside d)	Significance code	Slope (change/index)	Median
Abundance Total	1	-5	0.6547		-563.3333333	73300
Abundance Total	2	-2	0.9029		-1397.714286	107384
Abundance Total	3	25	0.1711		111584.4375	752215
Abundance Total	4	-1	0.9563		-1600	270931.25
Abundance Total	5	23	0.2080		19947.75	266086.5
Abundance Total	6	-5	0.7843		-6340	544952
Abundance Total	7	-22	0.3219		-29961.6	322958
Abundance Total	8	8	0.7187		6643.791667	606583
Abundance Total	9	26	0.2418		72728	739712
Abundance Total	10	14	0.5285		18718.09167	684063
Abundance Total	11	54	0.0150	+	36790.275	292836
Abundance Total	12	5	0.8046		2415	81600

2000-2009

Stretudden

Total Abundans månadsvis Multivariate

Variable	Month	MK statistic	p-value (twoside d)	Significance code	Slope (change/index)	Median
Abundance Total	All categories	58	0.1456		10420	200671

Total Abundans månadsvis Univariate

Variable	Month	MK statistic	p-value (twoside d)	Significance code	Slope (change/index)	Median
Abundance Total	1	-3	0.5730		-2603.5	18269.5
Abundance Total	2	6	0.5316		7725.269841	48624
Abundance Total	3	4	0.6767		31829.25	382879
Abundance Total	4	-8	0.3223		-27027.625	186654.5
Abundance Total	5	-14	0.1444		-13474.9	198600
Abundance Total	6	-16	0.0953		-63672.85	272041
Abundance Total	7	5	0.6547		2050.666667	146003.5
Abundance Total	8	3	0.7884		2433.25	279636
Abundance Total	9	27	0.0157	+	115043.3333	438984
Abundance Total	10	21	0.0603		95218.75	473135
Abundance Total	11	29	0.0095	++	77073.66667	393367
Abundance Total	12	4	0.6767		6848.733333	74100

2001-2010

Å17

Total Abundans månadsvis Multivariate

Variable	Month	MK statistic	p-value (twoside d)	Significance code	Slope (change/index)	Median
Abundance Total	All categories	162	0.0175	+	22473.925	149008

Total Abundans månadsvis Univariate

Variable	Month	MK statistic	p-value (twoside d)	Significance code	Slope (change/index)	Median
Abundance Total	1	18	0.0606		16633.07143	46398
Abundance Total	2	23	0.0397	+	131123	134845
Abundance Total	3	0	1.0000		8594.732143	440087.5
Abundance Total	4	13	0.2449		22974	271762
Abundance Total	5	11	0.3252		38112.33333	382414
Abundance Total	6	-3	0.7884		-7729.75	195440.5
Abundance Total	7	19	0.0892		11903.625	100989.5
Abundance Total	8	9	0.4208		12484.58333	151272
Abundance Total	9	14	0.1444		69998.82857	333852
Abundance Total	10	18	0.0606		47073.21429	275335
Abundance Total	11	13	0.0509		24357.33333	99460
Abundance Total	12	27	0.0157	+	23110.75	106187.5

1990-1996, 2000-2010 (1986-2010, 80-talet är ej medtaget pga osäkra data)

Släggö

Total Abundans månadsvis Multivariate

Variable	Month	MK statistic	p-value (twoside d)	Significance code	Slope (change/index)	Median
Abundance Total	All categories	452	0.0010	+++	13937.25577	224749.5

Total Abundans månadsvis Univariate

Variable	Month	MK statistic	p-value (twoside d)	Significance code	Slope (change/index)	Median
Abundance Total	1	59	0.0035	++	6254.75	53727
Abundance Total	2	74	0.0023	++	21662.125	127878
Abundance Total	3	0	1.0000		579.78125	874637.5
Abundance Total	4	44	0.0699		28881.41667	261557
Abundance Total	5	28	0.2487		11074.49554	524785
Abundance Total	6	-8	0.7187		-7314.04327	383316
Abundance Total	7	18	0.4177		12573.35165	304239
Abundance Total	8	24	0.2799		12434.84615	264586
Abundance Total	9	74	0.0023	++	44972.5649	360810
Abundance Total	10	44	0.0476	+	21648.58974	251725
Abundance Total	11	52	0.0192	+	15169.03846	106480
Abundance Total	12	43	0.0333	+	7399.25	62505

1993-2010

N7 Ost Nidingen

Total Abundans månadsvis Multivariate

Variable	Month	MK statistic	p-value (twoside d)	Significa nce code	Slope (change/inde x)	Median
Abundance Total	All categories	220	0.0551		7359.039683	277650

Total Abundans månadsvis Univariate

Variable	Month	MK statistic	p-value (twoside d)	Significa nce code	Slope (change/inde x)	Median
Abundance Total	1	43	0.0333	+	6314.285714	58172
Abundance Total	2	20	0.3679		11978.66667	171242
Abundance Total	3	0	1.0000		-170.1384615	578600
Abundance Total	4	12	0.4106		11657.42857	171077
Abundance Total	5	-10	0.6804		-5466.065625	280500
Abundance Total	6	-3	0.8820		-3979	435500
Abundance Total	7	3	0.8820		1768.666667	312325
Abundance Total	8	39	0.0536		12516.66667	177680
Abundance Total	9	40	0.0994		9595.454545	99200
Abundance Total	10	22	0.3648		10647.89683	286378
Abundance Total	11	30	0.2165		20600.02797	313299
Abundance Total	12	24	0.3228		11020.16667	161700

1993-2010

L9 Laholmsbukten

Total Abundans månadsvis Multivariate

Variable	Month	MK statistic	p-value (twoside d)	Significa nce code	Slope (change/inde x)	Median
Abundance Total	All categories	277	0.0836		14100.81818	324200

Total Abundans månadsvis Univariate

Variable	Month	MK statistic	p-value (twoside d)	Significa nce code	Slope (change/inde x)	Median
Abundance Total	1	5	0.6971		7613.75	82756
Abundance Total	2	36	0.1051		23348.10577	158743
Abundance Total	3	6	0.7871		11390.38974	538142
Abundance Total	4	-1	0.9563		-2130.8	374371
Abundance Total	5	39	0.1396		19125.25	240680
Abundance Total	6	28	0.2074		27991.45455	382582
Abundance Total	7	32	0.1874		20681.22727	455800
Abundance Total	8	1	0.9698		642.2	233657
Abundance Total	9	47	0.0750		30038.6	422888
Abundance Total	10	51	0.0534		24334.28571	264211
Abundance Total	11	18	0.4584		10921.06169	398960
Abundance Total	12	15	0.5699		7739.6	241926

1993-2001, 2007-2010

N14 Falkenberg

Total Abundans månadsvis Multivariate

Variable	Month	MK statistic	p-value (twoside d)	Significa nce code	Slope (change/inde x)	Median
Abundance Total	All categories	75	0.3785		6549.125	281600

Total Abundans månadsvis Univariate

Variable	Month	MK statistic	p-value (twoside d)	Significa nce code	Slope (change/inde x)	Median
Abundance Total	1	14	0.1444		12790.27778	46500
Abundance Total	2	13	0.2449		51136.15	375500
Abundance Total	3	-23	0.0734		-73559.77778	379500
Abundance Total	4	5	0.6547		8412.5	230550
Abundance Total	5	-4	0.7839		-9356.25	129305.5
Abundance Total	6	16	0.3290		14431.61706	176404
Abundance Total	7	-8	0.5833		-6267.220779	318257
Abundance Total	8	10	0.4929		3648.5	166146
Abundance Total	9	12	0.4641		7505.722222	134250
Abundance Total	10	32	0.0282	+	37461.15909	340512.5
Abundance Total	11	4	0.8072		8305.39011	383100
Abundance Total	12	4	0.7839		9394.363636	465452

1990-2009

Kosterfjorden (NR16)

Total Abundans månadsvis Multivariate

Variable	Month	MK statistic	p-value (twoside d)	Significa nce code	Slope (change/inde x)	Median
Abundance Total	All categories	-136	0.3634		-2417.285714	235625

Total Abundans månadsvis Univariate

Variable	Month	MK statistic	p-value (twoside d)	Significa nce code	Slope (change/inde x)	Median
Abundance Total	1	20	0.3679		1741.077083	47600
Abundance Total	2	-11	0.7004		-1402.857143	71000
Abundance Total	3	9	0.7529		18820.30769	910164
Abundance Total	4	-50	0.0394	-	-43131.57143	316676
Abundance Total	5	-1	0.9721		-363.5	269720
Abundance Total	6	-53	0.0637		-25764.41667	461190
Abundance Total	7	-31	0.2403		-10200	256250
Abundance Total	8	-18	0.5592		-4519.8	295495
Abundance Total	9	34	0.2700		16572.52778	444832.5
Abundance Total	10	-38	0.2176		-27672.21875	358033.5
Abundance Total	11	4	0.8967		913.7012987	116250
Abundance Total	12	-1	0.9721		-100	67100

1994-2009

Koljöfjord

Total Abundans månadsvis Multivariate

Variable	Month	MK statistic	p-value (twoside d)	Significance code	Slope (change/inde x)	Median
Abundance Total	All categories	-22	0.8264		-1821.5	340300

Total Abundans månadsvis Univariate

Variable	Month	MK statistic	p-value (twoside d)	Significance code	Slope (change/inde x)	Median
Abundance Total	1	4	0.6207		4558.535714	31350
Abundance Total	2	-10	0.4929		-7729	79602.5
Abundance Total	3	3	0.8153		6045.857143	430600
Abundance Total	4	11	0.3252		38264	733107
Abundance Total	5	25	0.1711		92881.2	838600
Abundance Total	6	-14	0.3930		-63823.88889	843283
Abundance Total	7	-25	0.2160		-40330.53333	480779
Abundance Total	8	-20	0.3679		-53325.5	498733.5
Abundance Total	9	-17	0.4002		-82877	623800
Abundance Total	10	19	0.3471		33493.09091	538766
Abundance Total	11	-8	0.7187		-8841.454545	274850
Abundance Total	12	10	0.6525		1789.070513	83875.5

1990-2009

DANAFJORD

Total Abundans månadsvis Multivariate

Variable	Month	MK statistic	p-value (twoside d)	Significance code	Slope (change/inde x)	Median
Abundance Total	All categories	78	0.5959		2680.055556	317249.5

Total Abundans månadsvis Univariate

Variable	Month	MK statistic	p-value (twoside d)	Significance code	Slope (change/inde x)	Median
Abundance Total	1	0	1.0000		-87.10714286	40917.57
Abundance Total	2	20	0.4100		3964.5	127900
Abundance Total	3	26	0.2842		83860.08333	1170800
Abundance Total	4	3	0.9095		1182	250961.5
Abundance Total	5	35	0.2208		9996.583333	256498
Abundance Total	6	3	0.9095		7608.333333	980406
Abundance Total	7	-35	0.2208		-24354.8	372588
Abundance Total	8	-4	0.8967		-1390.571429	794717.5
Abundance Total	9	2	0.9483		2536.155844	829772
Abundance Total	10	18	0.5592		11091.18333	497338.5
Abundance Total	11	45	0.0883		17038.46154	227248
Abundance Total	12	-35	0.2208		-10313	173748

1990-2009

Havstensfjord

Total Abundans månadsvis Multivariate

Variable	Month	MK statistic	p-value (twoside d)	Significance code	Slope (change/inde x)	Median
Abundance Total	All categories	-9	0.9451		-169.4	303133

Total Abundans månadsvis Univariate

Variable	Month	MK statistic	p-value (twoside d)	Significance code	Slope (change/inde x)	Median
Abundance Total	1	-12	0.4641		-1100	10800
Abundance Total	2	-28	0.2487		-1808.708333	46216
Abundance Total	3	21	0.2987		9694.5	128916.5
Abundance Total	4	49	0.0635		43891.42857	415520
Abundance Total	5	35	0.2208		36346	752200
Abundance Total	6	-11	0.7004		-9268.923077	455091
Abundance Total	7	-41	0.1204		-60015.66667	412119.5
Abundance Total	8	10	0.7456		2622.017857	551882.5
Abundance Total	9	-32	0.2992		-67537.35417	1169398
Abundance Total	10	-4	0.8967		-2083.047619	576425
Abundance Total	11	44	0.1534		16001.26923	252929
Abundance Total	12	-40	0.1944		-5639.280543	80155

1997-2010

ANHOLT E

Total Abundans månadsvis Multivariate

Variable	Month	MK statistic	p-value (twoside d)	Significance code	Slope (change/inde x)	Median
Abundance Total	All categories	228	0.0247	+	23871.92857	307681

Total Abundans månadsvis Univariate

Variable	Month	MK statistic	p-value (twoside d)	Significance code	Slope (change/inde x)	Median
Abundance Total	1	5	0.7843		2333.5	182650
Abundance Total	2	32	0.0509		252887.5625	1017188
Abundance Total	3	8	0.6255		38985.72778	915136
Abundance Total	4	25	0.1711		41973	437310
Abundance Total	5	2	0.9029		3287.697917	362854
Abundance Total	6	25	0.1711		19551.01667	232244
Abundance Total	7	41	0.0248	+	46438.5	311950.5
Abundance Total	8	1	0.9563		1123.6	189066.8
Abundance Total	9	40	0.0147	+	37249.89583	261767
Abundance Total	10	26	0.1127		26990.61538	362000
Abundance Total	11	12	0.4641		23196.30357	289842
Abundance Total	12	11	0.5470		8749	409522.5

<http://www.ida.liu.se/divisions/stat/research/Software/index.en.shtml>

<http://www.miljostatistik.se/mannkendall.html>

1997-2010

ÖVF 5 Höllviken

Artantal månadsvis Multivariate

Variable	Month	MK statistic	p-value (twoside d)	Significa nce code	Slope (change/inde x)	Median
Nr of species	All categories	519	0.0003	+++		1

Artantal månadsvis Univariate

Variable	Month	MK statistic	p-value (twoside d)	Significa nce code	Slope (change/inde x)	Median
Nr of species	1	22	0.0839		0.8	8
Nr of species	2	37	0.0218	+	0.833333333	5.5
Nr of species	3	69	0.0002	+++	1.272727273	14.5
Nr of species	4	53	0.0012	++	1.275	12
Nr of species	5	25	0.1698		0.8	9.5
Nr of species	6	57	0.0017	++	1	10
Nr of species	7	30	0.0175	+	1.4	13
Nr of species	8	35	0.0546		0.6	12
Nr of species	9	30	0.0071	++	1.333333333	11
Nr of species	10	59	0.0012	++	1.454545455	9.5
Nr of species	11	54	0.0029	++	1	9.75
Nr of species	12	48	0.0031	++	0.816666667	8

1997-2010

ÖVF 4:8 Lomma

Artantal månadsvis Multivariate

Variable	Month	MK statistic	p-value (twoside d)	Significa nce code	Slope (change/inde x)	Median
Nr of species	All categories	529	0.0002	+++	1.142857143	12

Artantal månadsvis Univariate

Variable	Month	MK statistic	p-value (twoside d)	Significa nce code	Slope (change/inde x)	Median
Nr of species	1	28	0.0288	+		8
Nr of species	2	49	0.0027	++	0.854166667	7
Nr of species	3	54	0.0031	++	1.875	14.75
Nr of species	4	38	0.0200	+	1.194444444	14
Nr of species	5	49	0.0069	++	1.125	13
Nr of species	6	44	0.0148	+	1.333333333	10
Nr of species	7	23	0.1139		1	14.5
Nr of species	8	74	0.0000	+++	1.666666667	14
Nr of species	9	33	0.0097	++	1.25	11
Nr of species	10	48	0.0085	++	1.333333333	11.5
Nr of species	11	48	0.0078	++	1	14
Nr of species	12	41	0.0115	+	0.805555556	8

1997-2010

ÖVF 5 Höllviken

Total Abundans månadsvis Multivariate

Variable	Month	MK statistic	p-value (twoside d)	Significa nce code	Slope (change/inde x)	Median
Abundance Total	All categories	-157	0.1133		-14932.66667	293450

Total Abundans månadsvis Univariate

Variable	Month	MK statistic	p-value (twoside d)	Significa nce code	Slope (change/inde x)	Median
Abundance Total	1	11	0.3918		3977.8	60825
Abundance Total	2	-14	0.3930		-11679.0625	174003
Abundance Total	3	7	0.7016		15456.5	469872
Abundance Total	4	4	0.8072		4537.9375	285902
Abundance Total	5	-1	0.9563		-1905	314852.5
Abundance Total	6	-17	0.3520		-31063.4	428239
Abundance Total	7	-11	0.3918		-51057.66667	515900
Abundance Total	8	-25	0.1711		-47929.66667	540600
Abundance Total	9	-11	0.3252		-51424.875	477941.5
Abundance Total	10	-41	0.0248	-	-52338.75	309485.5
Abundance Total	11	-45	0.0138	-	-43372.2	246216
Abundance Total	12	-14	0.3930		-5960.222222	82222

1997-2010

ÖVF 4:8 Lomma

Total Abundans månadsvis Multivariate

Variable	Month	MK statistic	p-value (twoside d)	Significa nce code	Slope (change/inde x)	Median
Abundance Total	All categories	-214	0.0343	-	-31604.01667	456802

Total Abundans månadsvis Univariate

Variable	Month	MK statistic	p-value (twoside d)	Significa nce code	Slope (change/inde x)	Median
Abundance Total	1	5	0.6971		3738.285714	105582
Abundance Total	2	2	0.9029		456.275	278001
Abundance Total	3	3	0.8695		6957.454545	858299.5
Abundance Total	4	-2	0.9029		-2167.507576	456000
Abundance Total	5	-17	0.3520		-27525.75	487820.5
Abundance Total	6	-37	0.0428	-	-108598.5	818873
Abundance Total	7	-20	0.1702		-96969.17727	549252
Abundance Total	8	-21	0.2503		-81971.66667	733420
Abundance Total	9	-29	0.0240	-	-110859.3333	700688
Abundance Total	10	-27	0.1394		-84228.66667	713170
Abundance Total	11	-37	0.0428	-	-56713.5	345900
Abundance Total	12	-34	0.0381	-	-25063	185990

1990-2010 (1985-2010, 80-talet är ej medtaget pga osäkra data)

ÖVF 3 Lundåkra

Artantal månadsvis Multivariate

Variable	Month	MK statistic	p-value (twoside d)	Significance code	Slope (change/index)	Median
Nr of species	All categories	-56	0.8087		0	15

Artantal månadsvis Univariete

Variable	Month	MK statistic	p-value (twoside d)	Significance code	Slope (change/index)	Median
Nr of species	1	-2	0.9338		0	8
Nr of species	2	4	0.8962		0	11
Nr of species	3	27	0.3429		0.3125	19
Nr of species	4	19	0.5034		0.2	15
Nr of species	5	-26	0.3610		-0.181818182	13
Nr of species	6	-26	0.3973		-0.366028708	14.5
Nr of species	7	9	0.7523		0.125	17
Nr of species	8	-7	0.8201		-0.183333333	18
Nr of species	9	-18	0.4584		-0.31372549	21
Nr of species	10	2	0.9517		0	15
Nr of species	11	8	0.7614		0.25	17.5
Nr of species	12	-46	0.1050		-0.416666667	12

1997-2010

ÖVF 1:1 Höganäs

Artantal månadsvis Multivariate

Variable	Month	MK statistic	p-value (twoside d)	Significance code	Slope (change/index)	Median
Nr of species	All categories	462	0.0009	+++	1.5	18

Artantal månadsvis Univariete

Variable	Month	MK statistic	p-value (twoside d)	Significance code	Slope (change/index)	Median
Nr of species	1	15	0.1762		0.9375	13.75
Nr of species	2	36	0.0275	+	1.291666667	18
Nr of species	3	37	0.0428	+	1.25	19.25
Nr of species	4	28	0.0864		1	19.5
Nr of species	5	52	0.0042	++	1	13.5
Nr of species	6	59	0.0012	++	1.4	14.5
Nr of species	7	28	0.0522		1.625	17
Nr of species	8	47	0.0099	++	1.727272727	19.5
Nr of species	9	43	0.0008	+++	2.5	20
Nr of species	10	39	0.0322	+	2.1	23
Nr of species	11	56	0.0021	++	2.833333333	25
Nr of species	12	22	0.1763		1.055555556	13

1990-2010 (1985-2010, 80-talet är ej medtaget pga osäkra data)

ÖVF 3 Lundåkra

Total Abundans månadsvis Multivariate

Variable	Month	MK statistic	p-value (twoside d)	Significance code	Slope (change/index)	Median
Abundance Total	All categories	-341	0.0229	-	-17098.44048	515491.75

Total Abundans månadsvis Univariete

Variable	Month	MK statistic	p-value (twoside d)	Significance code	Slope (change/index)	Median
Abundance Total	1	19	0.4334		2022.167832	55840
Abundance Total	2	8	0.7952		3067.275	259891.75
Abundance Total	3	7	0.8065		11738.85714	753142.5
Abundance Total	4	65	0.0230	+	27227.27273	507800
Abundance Total	5	-83	0.0037	--	-74793.28571	791800
Abundance Total	6	-64	0.0379	-	-59877.81818	856777
Abundance Total	7	-23	0.4210		-15164.6	609800
Abundance Total	8	-84	0.0064	--	-132159.4286	1284450
Abundance Total	9	-44	0.0699		-58580.375	616100
Abundance Total	10	-40	0.2271		-22722.41667	720640
Abundance Total	11	-59	0.0254	-	-20603.75	363300
Abundance Total	12	-43	0.1325		-13525.73333	200300

1997-2010

ÖVF 1:1 Höganäs

Total Abundans månadsvis Multivariate

Variable	Month	MK statistic	p-value (twoside d)	Significance code	Slope (change/index)	Median
Abundance Total	All categories	-202	0.0242	-	-39010.00893	611430.25

Total Abundans månadsvis Univariete

Variable	Month	MK statistic	p-value (twoside d)	Significance code	Slope (change/index)	Median
Abundance Total	1	11	0.3252		6306.5	156337.75
Abundance Total	2	14	0.3930		40209.20238	614600
Abundance Total	3	25	0.1711		52966.61111	727604.75
Abundance Total	4	-8	0.6255		-19077.28571	635078
Abundance Total	5	-37	0.0428	-	-66930	674466.5
Abundance Total	6	-33	0.0708		-132109.5	998510
Abundance Total	7	-30	0.0397	-	-252734.4444	1019281
Abundance Total	8	-39	0.0328	-	-99453.25	659996.5
Abundance Total	9	-27	0.0356	-	-153803	508576
Abundance Total	10	-27	0.1394		-70684	779720.5
Abundance Total	11	-33	0.0708		-37067.5	559521
Abundance Total	12	-18	0.2721		-17769.98864	201297

1994-2009

Åstol

Artantal månadsvis Multivariate

Variable	Month	MK statistic	p-value (twoside d)	Significance code	Slope (change/index)	Median
Nr of species	All categories	466	0.0029	++	1.074175824	23

Artantal månadsvis Univariate

Variable	Month	MK statistic	p-value (twoside d)	Significance code	Slope (change/index)	Median	
Nr of species	1	1	-2	0.8563		0	14
Nr of species	2	2	35	0.0324	+	1.45	15
Nr of species	3	3	37	0.0422	+	1.142857143	25.5
Nr of species	4	4	31	0.0887		1	21.75
Nr of species	5	5	39	0.0315	+	0.75	20
Nr of species	6	6	17	0.3486		0.666666667	24.5
Nr of species	7	7	23	0.2999		0.366666667	21.5
Nr of species	8	8	69	0.0015	++	0.905982906	26
Nr of species	9	9	58	0.0089	++	2.425	23.5
Nr of species	10	10	59	0.0078	++	1.75	38.5
Nr of species	11	11	64	0.0037	++	1.784615385	36
Nr of species	12	12	36	0.0738		1.222222222	26

2001-2010

Å17

Artantal månadsvis Multivariate

Variable	Month	MK statistic	p-value (twoside d)	Significance code	Slope (change/index)	Median
Nr of species	All categories	157	0.0603		1.267857143	16

Artantal månadsvis Univariate

Variable	Month	MK statistic	p-value (twoside d)	Significance code	Slope (change/index)	Median	
Nr of species	1	1	22	0.0218	+	1.928571429	12
Nr of species	2	2	26	0.0196	+	3.166666667	22.5
Nr of species	3	3	13	0.1730		1.8	17
Nr of species	4	4	2	0.8563		0	10.5
Nr of species	5	5	16	0.1508		1.166666667	14
Nr of species	6	6	6	0.5900		0.2	13
Nr of species	7	7	9	0.4171		0.8	14
Nr of species	8	8	10	0.3692		0.6	16.5
Nr of species	9	9	10	0.2971		2.041666667	27
Nr of species	10	10	12	0.2109		2	25
Nr of species	11	11	9	0.1765		1.777777778	17
Nr of species	12	12	22	0.0482	+	2	24.5

1994-2009

Åstol

Total Abundans månadsvis Multivariate

Variable	Month	MK statistic	p-value (twoside d)	Significance code	Slope (change/index)	Median
Abundance Total	All categories	-216	0.1124		-58579.79167	952696

Total Abundans månadsvis Univariate

Variable	Month	MK statistic	p-value (twoside d)	Significance code	Slope (change/index)	Median	
Abundance Total	1	1	-11	0.3252		-27627.27273	664838.5
Abundance Total	2	2	-22	0.1795		-72728.45238	318218
Abundance Total	3	3	-1	0.9563		-5296.2	1452721.5
Abundance Total	4	4	-33	0.0708		-89640	598603
Abundance Total	5	5	1	0.9563		1524.666667	1038203
Abundance Total	6	6	-11	0.5470		-38841.375	1185836.5
Abundance Total	7	7	-72	0.0012	--	-370711.119	1373789
Abundance Total	8	8	-26	0.2418		-99836.33333	2364150
Abundance Total	9	9	-10	0.6525		-39836.38095	1969750
Abundance Total	10	10	-14	0.5285		-70441	995329
Abundance Total	11	11	16	0.4713		14959.79091	615669.5
Abundance Total	12	12	-33	0.1025		-37197.5	200400

2001-2010

Å17

Total Abundans månadsvis Multivariate

Variable	Month	MK statistic	p-value (twoside d)	Significance code	Slope (change/index)	Median
Abundance Total	All categories	58	0.3755		16408.575	468658

Total Abundans månadsvis Univariate

Variable	Month	MK statistic	p-value (twoside d)	Significance code	Slope (change/index)	Median	
Abundance Total	1	1	10	0.2971		36519.5	127644
Abundance Total	2	2	13	0.2449		153226	306045.5
Abundance Total	3	3	-2	0.8348		-15673.07143	953266
Abundance Total	4	4	9	0.4208		109662.25	984047
Abundance Total	5	5	5	0.6547		13302	689273.75
Abundance Total	6	6	3	0.7884		10937.66667	1234923
Abundance Total	7	7	-7	0.5312		-92476.75	509471.5
Abundance Total	8	8	3	0.7884		16601.4	409840.75
Abundance Total	9	9	4	0.6767		38802.83333	606112
Abundance Total	10	10	-2	0.8348		-8136.595238	865467
Abundance Total	11	11	9	0.1765		11648.125	166872
Abundance Total	12	12	13	0.2449		17355.5	207021

2000-2009

Stretudden

Artantal månadsvis Multivariate

Variable	Month	MK statistic	p-value (twoside d)	Significa nce code	Slope (change/inde x)	Median
Nr of species	All categories	167	0.0282	+	1.666666667	25

Artantal månadsvis Univariate

Variable	Month	MK statistic	p-value (twoside d)	Significa nce code	Slope (change/inde x)	Median
Nr of species	1	1	0.8510		0.222222222	16
Nr of species	2	17	0.0747		2.214285714	19
Nr of species	3	15	0.1159		1.452380952	26
Nr of species	4	4	0.6152		0.669642857	16.5
Nr of species	5	8	0.4042		1.0625	20
Nr of species	6	10	0.2971		1.428571429	26
Nr of species	7	12	0.2812		0.666666667	21.5
Nr of species	8	23	0.0381	+	1.833333333	23.5
Nr of species	9	28	0.0110	+	4.4	39
Nr of species	10	12	0.2812		2	36
Nr of species	11	21	0.0556		2.714285714	36.5
Nr of species	12	16	0.0917		1.875	20

1990-1996, 2000-2010 (1986-2010, 80-talet är ej medtaget pga osäkra data)

Släggö

Artantal månadsvis Multivariate

Variable	Month	MK statistic	p-value (twoside d)	Significa nce code	Slope (change/inde x)	Median
Nr of species	All categories	832	0.0000	+++		1 20

Artantal månadsvis Univariate

Variable	Month	MK statistic	p-value (twoside d)	Significa nce code	Slope (change/inde x)	Median
Nr of species	1	73	0.0003	+++	1.25	16
Nr of species	2	93	0.0001	+++	1.405882353	16
Nr of species	3	79	0.0011	++	1.072916667	20
Nr of species	4	64	0.0082	++	0.792857143	20
Nr of species	5	66	0.0065	++	0.822916667	21.5
Nr of species	6	50	0.0241	+	0.5	20.75
Nr of species	7	50	0.0241	+	0.541958042	16.75
Nr of species	8	80	0.0003	+++	1.091666667	23.5
Nr of species	9	86	0.0004	+++	1.45	27
Nr of species	10	75	0.0007	+++	1.2	23
Nr of species	11	56	0.0113	+	1.148351648	21
Nr of species	12	60	0.0030	++	1.227272727	19

2000-2009

Stretudden

Total Abundans månadsvis Multivariate

Variable	Month	MK statistic	p-value (twoside d)	Significa nce code	Slope (change/inde x)	Median
Abundance Total	All categories	-54	0.2211		-19328.125	522681

Total Abundans månadsvis Univariate

Variable	Month	MK statistic	p-value (twoside d)	Significa nce code	Slope (change/inde x)	Median
Abundance Total	1	-3	0.5730		-4839.555556	76829
Abundance Total	2	-6	0.5316		-11760.75	157636
Abundance Total	3	2	0.8348		44514.05	1047298
Abundance Total	4	-16	0.0478	-	-151953.1875	346680
Abundance Total	5	-6	0.5316		-29664.10417	427478
Abundance Total	6	-10	0.2971		-467234.6	862127
Abundance Total	7	-23	0.0397	-	-336362.1667	1110099
Abundance Total	8	-9	0.4208		-228102.5	963902
Abundance Total	9	11	0.3252		74572	715910
Abundance Total	10	1	0.9287		32364.875	713300
Abundance Total	11	13	0.2449		37107.125	621433.5
Abundance Total	12	-8	0.4042		-9962.2	137600

1990-1996, 2000-2010 (1986-2010, 80-talet är ej medtaget pga osäkra data)

Släggö

Total Abundans månadsvis Multivariate

Variable	Month	MK statistic	p-value (twoside d)	Significa nce code	Slope (change/inde x)	Median
Abundance Total	All categories	-220	0.0900		-29332.8869	862544

Total Abundans månadsvis Univariate

Variable	Month	MK statistic	p-value (twoside d)	Significa nce code	Slope (change/inde x)	Median
Abundance Total	1	29	0.1513		8169.8	146147
Abundance Total	2	30	0.2165		34213.72917	511000
Abundance Total	3	-8	0.7417		-21509.36667	1053675
Abundance Total	4	-16	0.5098		-23007.48901	1121080
Abundance Total	5	-22	0.3648		-61267.56439	1265825
Abundance Total	6	-44	0.0476	-	-96848.81818	1355875
Abundance Total	7	-50	0.0244	-	-161018.2262	1333004
Abundance Total	8	-76	0.0006	---	-150335.3958	1397961
Abundance Total	9	-8	0.7417		-14302.57121	1096061
Abundance Total	10	-50	0.0244	-	-73223.92361	861446
Abundance Total	11	-14	0.5285		-9016.708791	576296.3
Abundance Total	12	9	0.6560		6138.291667	330790

1993-2010

N7 Ost Nidingen

Artantal månadsvis Multivariate

Variable	Month	MK statistic	p-value (twoside d)	Significa nce code	Slope (change/inde x)	Median
Nr of species	All categories	751	0.0001	+++	1.5	20

Artantal månadsvis Univariate

Variable	Month	MK statistic	p-value (twoside d)	Significa nce code	Slope (change/inde x)	Median
Nr of species	1	62	0.0021	++	1.923076923	19.5
Nr of species	2	72	0.0012	++	2.183333333	17.5
Nr of species	3	75	0.0007	+++		2 22.5
Nr of species	4	35	0.0155	+		1 14
Nr of species	5	83	0.0006	+++	1.366071429	8
Nr of species	6	65	0.0012	++		1.5 15
Nr of species	7	25	0.2149		0.555555556	17.5
Nr of species	8	59	0.0034	++		1.5 17
Nr of species	9	78	0.0013	++	1.514705882	20
Nr of species	10	66	0.0063	++	1.358974359	31
Nr of species	11	59	0.0147	+	1.276190476	28
Nr of species	12	72	0.0030	++		1.8875 25

1993-2001, 2007-2010

N14 Falkenberg

Artantal månadsvis Multivariate

Variable	Month	MK statistic	p-value (twoside d)	Significa nce code	Slope (change/inde x)	Median
Nr of species	All categories	218	0.0520		0.666666667	17

Artantal månadsvis Univariate

Variable	Month	MK statistic	p-value (twoside d)	Significa nce code	Slope (change/inde x)	Median
Nr of species	1	18	0.0606		1.071428571	15
Nr of species	2	35	0.0061	++	1.576923077	14
Nr of species	3	25	0.0516		0.785714286	15
Nr of species	4	10	0.3640		0.666666667	13
Nr of species	5	11	0.4445		0.303030303	7.5
Nr of species	6	39	0.0167	+	0.588541667	12
Nr of species	7	13	0.3693		0.211538462	16
Nr of species	8	18	0.2149		0.633333333	15
Nr of species	9	11	0.5014		0.810714286	14
Nr of species	10	14	0.3370		0.867788462	25.5
Nr of species	11	25	0.1232		0.801282051	28
Nr of species	12	-1	0.9449			0 20

1993-2010

N7 Ost Nidingen

Total Abundans månadsvis Multivariate

Variable	Month	MK statistic	p-value (twoside d)	Significa nce code	Slope (change/inde x)	Median
Abundance Total	All categories	-722	0.0002	---	-224335.9702	1700100

Total Abundans månadsvis Univariate

Variable	Month	MK statistic	p-value (twoside d)	Significa nce code	Slope (change/inde x)	Median
Abundance Total	1	-45	0.0260	-	-147188.8	1236800
Abundance Total	2	-46	0.0384	-	-108742.7078	1348050
Abundance Total	3	-52	0.0192	-	-208012.6429	1929250
Abundance Total	4	-32	0.0282	-	-209175.7273	2396800
Abundance Total	5	-82	0.0007	---	-397817.35	2442676.5
Abundance Total	6	-65	0.0013	--	-493320	2970450
Abundance Total	7	-75	0.0002	---	-523350	1994600
Abundance Total	8	-57	0.0048	--	-217264.4545	1898300
Abundance Total	9	-66	0.0066	--	-230633.4167	1576500
Abundance Total	10	-84	0.0005	---	-207250.6548	1953000
Abundance Total	11	-64	0.0084	--	-170224.3929	1236700
Abundance Total	12	-54	0.0261	-	-144193.5105	1109300

1993-2001, 2007-2010

N14 Falkenberg

Total Abundans månadsvis Multivariate

Variable	Month	MK statistic	p-value (twoside d)	Significa nce code	Slope (change/inde x)	Median
Abundance Total	All categories	-369	0.0021	--	-196531.6667	2267496

Total Abundans månadsvis Univariate

Variable	Month	MK statistic	p-value (twoside d)	Significa nce code	Slope (change/inde x)	Median
Abundance Total	1	-16	0.0953		-120038.8611	1396400
Abundance Total	2	3	0.8153		74066.66667	1725500
Abundance Total	3	-35	0.0064	--	-227687.7143	2155300
Abundance Total	4	-23	0.0397	-	-94662.8	2422725
Abundance Total	5	-34	0.0197	-	-307456.3248	3549050
Abundance Total	6	-48	0.0034	--	-405617.8889	4421800
Abundance Total	7	-38	0.0092	--	-340729.5	2989250
Abundance Total	8	-44	0.0026	--	-220325.8333	2382200
Abundance Total	9	-36	0.0281	-	-332808.5556	1827596
Abundance Total	10	-36	0.0136	-	-160157.9615	2524262.5
Abundance Total	11	-28	0.0876	-	-105898.7202	2423600
Abundance Total	12	-34	0.0197	-	-172781.5769	1763485

1993-2010

L9 Laholmsbukten

Artantal månadsvis Multivariate

Variable	Month	MK statistic	p-value (twoside d)	Significance code	Slope (change/index)	Median
Nr of species	All categories	812	0.0004	+++	1.625	19

Artantal månadsvis Univariate

Variable	Month	MK statistic	p-value (twoside d)	Significance code	Slope (change/index)	Median
Nr of species	1	30	0.0191	+	2	14
Nr of species	2	85	0.0001	+++	2.666666667	19
Nr of species	3	61	0.0060	++	2.095238095	16.5
Nr of species	4	50	0.0061	++	1.615384615	13.5
Nr of species	5	82	0.0018	++	1.333333333	10
Nr of species	6	47	0.0333	+	0.966666667	12
Nr of species	7	84	0.0005	+++	1.159663866	19
Nr of species	8	60	0.0219	+	1.176470588	14
Nr of species	9	95	0.0003	+++	2.25	22
Nr of species	10	81	0.0021	++	2.2	30
Nr of species	11	60	0.0133	+	1.449494949	31
Nr of species	12	77	0.0035	++	1.666666667	23.5

1990-2009

Kosterfjorden (NR16)

Artantal månadsvis Multivariate

Variable	Month	MK statistic	p-value (twoside d)	Significance code	Slope (change/index)	Median
Nr of species	All categories	829	0.0007	+++	0.923076923	19

Artantal månadsvis Univariate

Variable	Month	MK statistic	p-value (twoside d)	Significance code	Slope (change/index)	Median
Nr of species	1	65	0.0033	++	0.68627451	12.5
Nr of species	2	77	0.0069	++	1	9
Nr of species	3	98	0.0006	+++	1.5	21
Nr of species	4	31	0.2005		0.408333333	18
Nr of species	5	54	0.0558		0.4	11
Nr of species	6	76	0.0077	++	0.923076923	22
Nr of species	7	49	0.0622		0.666666667	17.5
Nr of species	8	54	0.0783		0.577380952	17.5
Nr of species	9	120	0.0001	+++	1.477272727	21
Nr of species	10	71	0.0209	+	1	25
Nr of species	11	68	0.0266	+	1	22
Nr of species	12	66	0.0205	+	0.857142857	19

1993-2010

L9 Laholmsbukten

Total Abundans månadsvis Multivariate

Variable	Month	MK statistic	p-value (twoside d)	Significance code	Slope (change/index)	Median
Abundance Total	All categories	-795	0.0002	---	-241186.2222	1509000

Total Abundans månadsvis Univariate

Variable	Month	MK statistic	p-value (twoside d)	Significance code	Slope (change/index)	Median
Abundance Total	1	-35	0.0064	--	-202344.5	1349500
Abundance Total	2	-56	0.0117	-	-104625.4603	1125700
Abundance Total	3	-38	0.0871		-134392.9	1142126.75
Abundance Total	4	-51	0.0052	--	-318318.1818	1674950
Abundance Total	5	-81	0.0022	--	-446944.6364	2536059.5
Abundance Total	6	-70	0.0016	--	-414590	3731000.5
Abundance Total	7	-86	0.0004	---	-259820.5333	1594601
Abundance Total	8	-95	0.0003	---	-321435	2355100
Abundance Total	9	-61	0.0209	-	-208014.8889	1360398.5
Abundance Total	10	-81	0.0022	--	-231604.6667	976451
Abundance Total	11	-70	0.0039	--	-202114.85	1587500
Abundance Total	12	-71	0.0072	--	-153510	1596500

1990-2009

Kosterfjorden (NR16)

Total Abundans månadsvis Multivariate

Variable	Month	MK statistic	p-value (twoside d)	Significance code	Slope (change/index)	Median
Abundance Total	All categories	-102	0.5873		-5043.833333	699906

Total Abundans månadsvis Univariate

Variable	Month	MK statistic	p-value (twoside d)	Significance code	Slope (change/index)	Median
Abundance Total	1	-4	0.8571		-1443.384615	129601.5
Abundance Total	2	-17	0.5520		-5046	154808
Abundance Total	3	11	0.7004		22223.63636	1295079
Abundance Total	4	-44	0.0699		-63244.86538	679456
Abundance Total	5	-23	0.4210		-21428.28571	776600
Abundance Total	6	7	0.8065		12540	1456200
Abundance Total	7	-21	0.4264		-34088.5	1133204
Abundance Total	8	-24	0.4362		-48870.16667	1264900
Abundance Total	9	30	0.3304		23275.025	892222.5
Abundance Total	10	-32	0.2992		-32109.59569	841431
Abundance Total	11	28	0.3636		13878.21429	399195.5
Abundance Total	12	-13	0.6492		-1626.888889	179654

1994-2009

Koljöfjord

Artantal månadsvis Multivariate

Variable	Month	MK statistic	p-value (twoside d)	Significa nce code	Slope (change/inde x)	Median
Nr of species	All categories	423	0.0018	++	1.166666667	21

Artantal månadsvis Univariate

Variable	Month	MK statistic	p-value (twoside d)	Significa nce code	Slope (change/inde x)	Median
Nr of species	1	16	0.0478	+	1.555555556	8.5
Nr of species	2	25	0.0793		1.119047619	8
Nr of species	3	26	0.0423	+	1.454545455	17
Nr of species	4	12	0.2812		1.125	22
Nr of species	5	43	0.0186	+	1.769230769	20.5
Nr of species	6	24	0.1396		0.899038462	23
Nr of species	7	53	0.0086	++	1.125	21
Nr of species	8	51	0.0209	+	0.75	24
Nr of species	9	57	0.0047	++	1.555555556	27
Nr of species	10	52	0.0100	++	1.285714286	30
Nr of species	11	53	0.0166	+	1.527777778	22.5
Nr of species	12	11	0.6184		0.261363636	15.5

1990-2009

Havstensfjord

Artantal månadsvis Multivariate

Variable	Month	MK statistic	p-value (twoside d)	Significa nce code	Slope (change/inde x)	Median
Nr of species	All categories	670	0.0019	++	0.714285714	17

Artantal månadsvis Univariate

Variable	Month	MK statistic	p-value (twoside d)	Significa nce code	Slope (change/inde x)	Median
Nr of species	1	33	0.0419	+	0.5	7
Nr of species	2	3	0.9010		0	10
Nr of species	3	35	0.0815		1.25	11
Nr of species	4	75	0.0043	++	1	16
Nr of species	5	40	0.1609		0.615384615	18
Nr of species	6	52	0.0684		0.75	18
Nr of species	7	51	0.0526		0.625	18
Nr of species	8	102	0.0009	+++	1	20.5
Nr of species	9	65	0.0344	+	0.909090909	17.5
Nr of species	10	104	0.0007	+++	1.307692308	24
Nr of species	11	75	0.0146	+	0.70979021	20.5
Nr of species	12	35	0.2529		0.242647059	16

1994-2009

Koljöfjord

Total Abundans månadsvis Multivariate

Variable	Month	MK statistic	p-value (twoside d)	Significa nce code	Slope (change/inde x)	Median
Abundance Total	All categories	-296	0.0294	-	-88988.45833	904965

Total Abundans månadsvis Univariate

Variable	Month	MK statistic	p-value (twoside d)	Significa nce code	Slope (change/inde x)	Median
Abundance Total	1	-8	0.3223		-52124.22727	155047.5
Abundance Total	2	-42	0.0040	--	-87588.125	178604.5
Abundance Total	3	-15	0.2429		-61909.42857	690584
Abundance Total	4	-3	0.7884		-32860	1163689
Abundance Total	5	-9	0.6222		-92706.5625	1999500
Abundance Total	6	-28	0.0876		-444192.4167	1610300
Abundance Total	7	-45	0.0260	-	-227962.1667	2585800
Abundance Total	8	-48	0.0307	-	-303178.8512	1682435.5
Abundance Total	9	-31	0.1250		-228406.125	1598200
Abundance Total	10	-17	0.4002		-106933.625	1267089
Abundance Total	11	-18	0.4177		-21187.66667	353205.5
Abundance Total	12	-32	0.1497		-20688.6875	170777.5

1990-2009

Havstensfjord

Total Abundans månadsvis Multivariate

Variable	Month	MK statistic	p-value (twoside d)	Significa nce code	Slope (change/inde x)	Median
Abundance Total	All categories	-361	0.0664		-44903	1029530

Total Abundans månadsvis Univariate

Variable	Month	MK statistic	p-value (twoside d)	Significa nce code	Slope (change/inde x)	Median
Abundance Total	1	-30	0.0672		-105992.7692	697800
Abundance Total	2	-64	0.0084	--	-47643.78571	255000
Abundance Total	3	-11	0.5862		-17800	960400
Abundance Total	4	15	0.5699		141348	1915835
Abundance Total	5	-13	0.6492		-55513.54167	1089500
Abundance Total	6	-39	0.1724		-63418.5	1049538
Abundance Total	7	-49	0.0635		-221696.6667	2154900
Abundance Total	8	-24	0.4362		-63747.79167	2248575
Abundance Total	9	-62	0.0443	-	-254782.7619	2590140
Abundance Total	10	-32	0.2992		-72463.95055	1817075
Abundance Total	11	20	0.5164		11457.5	554648.5
Abundance Total	12	-72	0.0195	-	-26181.13333	376706

1990-2009

DANAFJORD

Artantal månadsvis Multivariate

Variable	Month	MK statistic	p-value (two-sided)	Significance code	Slope (change/index)	Median
Nr of species	All categories	874	0.0001	+++	1.226495726	22

Artantal månadsvis Univariate

Variable	Month	MK statistic	p-value (two-sided)	Significance code	Slope (change/index)	Median
Nr of species	1	30	0.0662		0.838888889	16
Nr of species	2	77	0.0014	++	1.366666667	17
Nr of species	3	64	0.0080	++	1.654761905	25
Nr of species	4	59	0.0252	+		19.75
Nr of species	5	97	0.0007	+++		18
Nr of species	6	76	0.0040	++		26.25
Nr of species	7	57	0.0452	+	0.8125	20
Nr of species	8	84	0.0063	++	0.825757576	23.5
Nr of species	9	99	0.0013	++	1.827302632	21
Nr of species	10	85	0.0057	++		31
Nr of species	11	83	0.0016	++	1.710526316	26.5
Nr of species	12	63	0.0269	+	0.928571429	22

1997-2010

ANHOLT E

Artantal månadsvis Multivariate

Variable	Month	MK statistic	p-value (two-sided)	Significance code	Slope (change/index)	Median
Nr of species	All categories	257	0.0255	+	0.75	23

Artantal månadsvis Univariate

Variable	Month	MK statistic	p-value (two-sided)	Significance code	Slope (change/index)	Median
Nr of species	1	19	0.2983		0.75	22.75
Nr of species	2	37	0.0237	+	1.583333333	30.5
Nr of species	3	42	0.0101	+	1.892857143	20
Nr of species	4	11	0.5458		0.272727273	21
Nr of species	5	2	0.9025		0.05	16
Nr of species	6	9	0.6222		0.166666667	16
Nr of species	7	-12	0.5093		-0.42857143	17.5
Nr of species	8	17	0.3506		0.4	21.75
Nr of species	9	27	0.0989		0.975	28
Nr of species	10	39	0.0171	+	1.366666667	31.5
Nr of species	11	23	0.1582		0.854166667	32
Nr of species	12	43	0.0182	+	1.727272727	26.5

1990-2009

DANAFJORD

Total Abundans månadsvis Multivariate

Variable	Month	MK statistic	p-value (two-sided)	Significance code	Slope (change/index)	Median
Abundance Total	All categories	-404	0.0432	-	-55687.12937	1233760

Total Abundans månadsvis Univariate

Variable	Month	MK statistic	p-value (two-sided)	Significance code	Slope (change/index)	Median
Abundance Total	1	-22	0.1795		-21616.5	352355
Abundance Total	2	-58	0.0169	-	-71235.65385	607710
Abundance Total	3	8	0.7417		43369.4	1957688
Abundance Total	4	-57	0.0308	-	-81909.5	1037655.5
Abundance Total	5	-21	0.4625		-47936.5	1255600
Abundance Total	6	-5	0.8498		-38452.42857	2119316.5
Abundance Total	7	-55	0.0543	-	-127952.1667	2110000
Abundance Total	8	-64	0.0379	-	-193821.4405	3753742.5
Abundance Total	9	-34	0.2700		-105431.2857	2164850
Abundance Total	10	-40	0.1944		-89893.89286	1695560
Abundance Total	11	3	0.9095		9605.25	536787.5
Abundance Total	12	-59	0.0390	-	-23097	329500

1997-2010

ANHOLT E

Total Abundans månadsvis Multivariate

Variable	Month	MK statistic	p-value (two-sided)	Significance code	Slope (change/index)	Median
Abundance Total	All categories	8	0.9162		1560.606061	958250

Total Abundans månadsvis Univariate

Variable	Month	MK statistic	p-value (two-sided)	Significance code	Slope (change/index)	Median
Abundance Total	1	-15	0.4115		-26363.28571	465988.5
Abundance Total	2	34	0.0381	+	223239.8125	1138503
Abundance Total	3	-2	0.9029		-12767.7	1408460
Abundance Total	4	13	0.4767		46282.83333	1246913.3
Abundance Total	5	-28	0.0876	-	-170403.8958	1531760.5
Abundance Total	6	9	0.6222		32542.5	1033582.3
Abundance Total	7	5	0.7843		1752	1467909.3
Abundance Total	8	-19	0.2983	-	-20301.2	654889.5
Abundance Total	9	4	0.8072		6955.407143	976570
Abundance Total	10	0	1.0000		380.4166667	729471
Abundance Total	11	0	1.0000		-158.3787879	820309
Abundance Total	12	7	0.7016		8373	476710

ÖVF 5 Höllviken

Genus månadsvis Multivariate

Variable	Month	Genus	MK statistic	p-value (twosided)	Significance code	Slope (change/index)	Median
Abundance Genus		1 All categories	-4	0.6561		0	0
Abundance Genus		2 All categories	42	0.0970		0	0
Abundance Genus		3 All categories	115	0.0255	+	0	0
Abundance Genus		4 All categories	1	0.9622		0	0
Abundance Genus		5 All categories	-1	0.9494		0	0
Abundance Genus		6 All categories	6	0.7801		0	0
Abundance Genus		7 All categories	4	0.7780		0	0
Abundance Genus		8 All categories	28	0.2412		0	0
Abundance Genus		9 All categories	8	0.4313		0	0
Abundance Genus		10 All categories	21	0.1405		0	0
Abundance Genus		11 All categories	10	0.7302		0	0
Abundance Genus		12 All categories	-2	0.8360		0	0
Abundance Genus	All categories	Skeletonema	89	0.0156	+	153.3333333	3104
Abundance Genus	All categories	Chaetoceros	24	0.5408		0	693.5
Abundance Genus	All categories	Thalassiosira	10	0.7604		0	0
Abundance Genus	All categories	Ceratium	7	0.6879		0	0
Abundance Genus	All categories	Pseudo-nitzschia	56	0.1025		0	0
Abundance Genus	All categories	Dinophysis acuta	7	0.2931		0	0
Abundance Genus	All categories	Dinophysis acuminata	34	0.0945		0	0
Abundance Genus	All categories	Dinophysis norvegica	1	0.9257		0	0
Abundance Genus	All categories	All categories	228	0.0362	+	0	0

Genus månadsvis Univariate

Variable	Month	Genus	MK statistic	p-value (twosided)	Significance code	Slope (change/index)	Median
Abundance Genus		1 Skeletonema	14	0.0281	+	166.5	666
Abundance Genus		1 Chaetoceros	-15	0.0243	-	-37.5	51
Abundance Genus		1 Thalassiosira	2	0.6171		0	0
Abundance Genus		1 Pseudo-nitzschia	-5	0.3418		0	0
Abundance Genus		2 Skeletonema	20	0.0371	+	1124.4	4800
Abundance Genus		2 Chaetoceros	7	0.4631		307.3721591	1200
Abundance Genus		2 Thalassiosira	7	0.3803		0	0
Abundance Genus		2 Pseudo-nitzschia	8	0.1213		0	0
Abundance Genus		3 Skeletonema	37	0.0428	+	16035.625	40580
Abundance Genus		3 Chaetoceros	35	0.0554		3331.666667	11089.75
Abundance Genus		3 Thalassiosira	18	0.3030		25	252.5
Abundance Genus		3 Ceratium	5	0.6494		0	0
Abundance Genus		3 Pseudo-nitzschia	19	0.0841		0	0
Abundance Genus		3 Dinophysis norvegica	1	0.9013		0	0
Abundance Genus		4 Skeletonema	-2	0.8909		-653	28633.5
Abundance Genus		4 Chaetoceros	-4	0.7794		0	3612.5
Abundance Genus		4 Thalassiosira	-9	0.3364		0	0
Abundance Genus		4 Pseudo-nitzschia	9	0.1924		0	0
Abundance Genus		4 Dinophysis acuminata	7	0.3106		0	0
Abundance Genus		5 Skeletonema	-5	0.6002		-224.1477273	5586
Abundance Genus		5 Chaetoceros	-10	0.2733		-275.4	1224
Abundance Genus		5 Thalassiosira	2	0.6985		0	0
Abundance Genus		5 Ceratium	6	0.2453		0	0
Abundance Genus		5 Dinophysis acuta	6	0.2453		0	0
Abundance Genus		6 Skeletonema	5	0.6310		0	147
Abundance Genus		6 Chaetoceros	-4	0.7165		-15.71428571	180
Abundance Genus		6 Thalassiosira	-1	0.8618		0	0
Abundance Genus		6 Pseudo-nitzschia	-1	0.8970		0	0
Abundance Genus		6 Dinophysis acuminata	7	0.3648		0	0
Abundance Genus		7 Skeletonema	-7	0.4564		-442.4666667	669
Abundance Genus		7 Chaetoceros	0	1.0000		0	0
Abundance Genus		7 Thalassiosira	2	0.6985		0	0
Abundance Genus		7 Pseudo-nitzschia	9	0.1924		0	0
Abundance Genus		8 Skeletonema	15	0.1643		488.5714286	2044.5
Abundance Genus		8 Chaetoceros	6	0.5900		12.25	663.5
Abundance Genus		8 Thalassiosira	-5	0.3841		0	0
Abundance Genus		8 Ceratium	-3	0.6977		0	0
Abundance Genus		8 Pseudo-nitzschia	10	0.2655		0	0
Abundance Genus		8 Dinophysis acuminata	5	0.3841		0	0
Abundance Genus		9 Skeletonema	-1	0.8005		-222	3108
Abundance Genus		9 Chaetoceros	5	0.2065		256.9166667	102
Abundance Genus		9 Pseudo-nitzschia	2	0.4795		0	0
Abundance Genus		9 Dinophysis acuminata	2	0.4795		0	0
Abundance Genus		10 Skeletonema	10	0.2733		422.0113636	867
Abundance Genus		10 Chaetoceros	3	0.7532		13.6875	2000
Abundance Genus		10 Thalassiosira	0	1.0000		0	0
Abundance Genus		10 Ceratium	-2	0.6985		0	0
Abundance Genus		10 Pseudo-nitzschia	4	0.4386		0	0
Abundance Genus		10 Dinophysis acuminata	6	0.2453		0	0
Abundance Genus		11 Skeletonema	3	0.7024		118.75	2650
Abundance Genus		11 Chaetoceros	1	0.9008		3.916666667	380.5
Abundance Genus		11 Thalassiosira	-6	0.3897		0	0
Abundance Genus		11 Ceratium	1	0.8273		0	0
Abundance Genus		11 Pseudo-nitzschia	2	0.7905		0	51
Abundance Genus		11 Dinophysis acuta	1	0.8273		0	0
Abundance Genus		11 Dinophysis acuminata	7	0.1266		0	0
Abundance Genus		11 Dinophysis norvegica	1	0.8273		0	0
Abundance Genus		12 Skeletonema	0	1.0000		0	800
Abundance Genus		12 Chaetoceros	0	1.0000		0	379.5
Abundance Genus		12 Pseudo-nitzschia	-1	0.8216		0	0
Abundance Genus		12 Dinophysis norvegica	-1	0.7697		0	0

ÖVF 4 - 8 Lomma

Genus månadsvis Multivariate

Variable	Month	Genus	MK statistic	p-value (twosided)	Significance code	Slope (change/index)	Median
Abundance Genus		1 All categories	24	0.1239		0	0
Abundance Genus		2 All categories	29	0.1954		0	0
Abundance Genus		3 All categories	139	0.0429	+	0	0
Abundance Genus		4 All categories	-34	0.2282		0	0
Abundance Genus		5 All categories	-17	0.1098		0	0
Abundance Genus		6 All categories	10	0.6253		0	0
Abundance Genus		7 All categories	-21	0.2103		0	0
Abundance Genus		8 All categories	25	0.4777		0	0
Abundance Genus		9 All categories	-1	0.9546		0	0
Abundance Genus		10 All categories	37	0.2330		0	0
Abundance Genus		11 All categories	-52	0.1343		0	0
Abundance Genus		12 All categories	0	1.0000		0	0
Abundance Genus	All categories	Skeletonema	64	0.1353		96.71428571	4356
Abundance Genus	All categories	Chaetoceros	0	1.0000		0	886.5
Abundance Genus	All categories	Thalassiosira	-19	0.4896		0	0
Abundance Genus	All categories	Ceratium	0	1.0000		0	0
Abundance Genus	All categories	Pseudo-nitzschia	83	0.0670		0	0
Abundance Genus	All categories	Dinophysis acuminata	8	0.6918		0	0
Abundance Genus	All categories	Dinophysis norvegica	3	0.7833		0	0
Abundance Genus	All categories	All categories	139	0.1103		0	0

Genus månadsvis Univariate

Variable	Month	Genus	MK statistic	p-value (twosided)	Significance code	Slope (change/index)	Median
Abundance Genus		1 Skeletonema	14	0.0334	+	477.75	1332
Abundance Genus		1 Chaetoceros	-7	0.2931		-116.6666667	178
Abundance Genus		1 Thalassiosira	9	0.0871		0	0
Abundance Genus		1 Ceratium	7	0.1832		0	0
Abundance Genus		1 Pseudo-nitzschia	-4	0.5305		-8	178
Abundance Genus		1 Dinophysis norvegica	5	0.3418		0	0
Abundance Genus		2 Skeletonema	13	0.1730		680.7651515	2600
Abundance Genus		2 Chaetoceros	6	0.5110		27.3	600
Abundance Genus		2 Thalassiosira	-11	0.2489		-99.71428571	1000
Abundance Genus		2 Ceratium	8	0.1213		0	0
Abundance Genus		2 Pseudo-nitzschia	13	0.0597		0	0
Abundance Genus		3 Skeletonema	37	0.0428	+	24027	55242.5
Abundance Genus		3 Chaetoceros	40	0.0283	+	8955.833333	12375
Abundance Genus		3 Thalassiosira	22	0.2259		632	4917.5
Abundance Genus		3 Ceratium	11	0.1724		0	0
Abundance Genus		3 Pseudo-nitzschia	22	0.1959		12	110.25
Abundance Genus		3 Dinophysis acuminata	7	0.3853		0	0
Abundance Genus		4 Skeletonema	-10	0.4929		-4270.528571	49299
Abundance Genus		4 Chaetoceros	-8	0.5754		-360.3472222	3389
Abundance Genus		4 Thalassiosira	-20	0.0687		0	0
Abundance Genus		4 Pseudo-nitzschia	4	0.7158		0	0
Abundance Genus		5 Skeletonema	-2	0.8575		-688.5	9960
Abundance Genus		5 Chaetoceros	-28	0.0119	-	-1741.375	5425
Abundance Genus		5 Ceratium	1	0.8618		0	0
Abundance Genus		5 Pseudo-nitzschia	5	0.3841		0	0
Abundance Genus		5 Dinophysis norvegica	7	0.2230		0	0
Abundance Genus		6 Skeletonema	4	0.7194		70.125	3447.5
Abundance Genus		6 Chaetoceros	4	0.7194		70.55555556	1200
Abundance Genus		6 Thalassiosira	-3	0.6977		0	0
Abundance Genus		6 Ceratium	-1	0.8970		0	0
Abundance Genus		6 Pseudo-nitzschia	6	0.5041		0	0
Abundance Genus		7 Skeletonema	-9	0.3454		-1063.142857	3432
Abundance Genus		7 Chaetoceros	-3	0.7496		-175	918
Abundance Genus		7 Ceratium	-11	0.1680		0	0
Abundance Genus		7 Pseudo-nitzschia	2	0.6985		0	0
Abundance Genus		8 Skeletonema	10	0.5287		20.90909091	612
Abundance Genus		8 Chaetoceros	4	0.8011		0	765
Abundance Genus		8 Thalassiosira	-6	0.4227		0	0
Abundance Genus		8 Ceratium	1	0.9486		0	49
Abundance Genus		8 Pseudo-nitzschia	20	0.1607		0	0
Abundance Genus		8 Dinophysis acuminata	-4	0.7635		0	0
Abundance Genus		9 Skeletonema	-4	0.5434		-859.5	7557
Abundance Genus		9 Chaetoceros	-1	0.8806		-20	1500
Abundance Genus		9 Thalassiosira	6	0.1336		0	0
Abundance Genus		9 Ceratium	0	1.0000		0	0
Abundance Genus		9 Pseudo-nitzschia	2	0.7538		0	229
Abundance Genus		9 Dinophysis acuminata	-4	0.3173		0	0
Abundance Genus		10 Skeletonema	20	0.0871		3134.6	0
Abundance Genus		10 Chaetoceros	-1	0.9371		0	400
Abundance Genus		10 Thalassiosira	1	0.9068		0	0
Abundance Genus		10 Ceratium	-7	0.4832		0	0
Abundance Genus		10 Pseudo-nitzschia	16	0.1452		0	0
Abundance Genus		10 Dinophysis acuminata	8	0.4206		0	0
Abundance Genus		11 Skeletonema	-13	0.2117		-1079.75	2014.5
Abundance Genus		11 Chaetoceros	-7	0.3648		0	0
Abundance Genus		11 Thalassiosira	-17	0.0277	-	0	0
Abundance Genus		11 Ceratium	-9	0.2440		0	0
Abundance Genus		11 Pseudo-nitzschia	2	0.8575		5.333333333	450
Abundance Genus		11 Dinophysis acuminata	1	0.8618		0	0
Abundance Genus		11 Dinophysis norvegica	-9	0.1172		0	0
Abundance Genus		12 Skeletonema	4	0.4206		140.4	351
Abundance Genus		12 Chaetoceros	1	0.7697		0	0
Abundance Genus		12 Pseudo-nitzschia	-5	0.3476		-211	456

ÖVF 3 Lundåkra

Genus månadsvis Multivariate

Variable	Month	Genus	MK statistic	p-value (twosided)	Significance code	Slope (change/index)	Median
Abundance Genus		1 All categories	-85	0.1227		0	0
Abundance Genus		2 All categories	-76	0.3978		0	0
Abundance Genus		3 All categories	-13	0.9149		0	0
Abundance Genus		4 All categories	-185	0.0326	-	0	0
Abundance Genus		5 All categories	-261	0.0144	-	0	0
Abundance Genus		6 All categories	-191	0.1129		0	0
Abundance Genus		7 All categories	-323	0.0044	--	0	0
Abundance Genus		8 All categories	-256	0.1002		0	0
Abundance Genus		9 All categories	-215	0.0593		0	49.5
Abundance Genus		10 All categories	-194	0.2873		0	0
Abundance Genus		11 All categories	-265	0.0509		0	0
Abundance Genus		12 All categories	-349	0.0011	--	-20	75
Abundance Genus	All categories	Skeletonema	-169	0.2202		-216.0923077	13700
Abundance Genus	All categories	Chaetoceros	-482	0.0031	--	-261.8863636	4050
Abundance Genus	All categories	Thalassiosira	-213	0.0206	-	0	0
Abundance Genus	All categories	Ceratium	-498	0.0036	--	0	0
Abundance Genus	All categories	Pseudo-nitzschia	40	0.7519		0	0
Abundance Genus	All categories	Dinophysis acuta	-225	0.0406	-	0	0
Abundance Genus	All categories	Dinophysis acuminata	-369	0.0552		0	0
Abundance Genus	All categories	Dinophysis norvegica	-497	0.0131	-	0	0
Abundance Genus	All categories	All categories	-2413	0.0122	-	0	0

Genus månadsvis Univariate

Variable	Month	Genus	MK statistic	p-value (twosided)	Significance code	Slope (change/index)	Median
Abundance Genus		1 Skeletonema	-16	0.4264		-69.23076923	1950
Abundance Genus		1 Chaetoceros	-57	0.0034	--	-262.5	300
Abundance Genus		1 Thalassiosira	-33	0.0748		-25	0
Abundance Genus		1 Ceratium	13	0.4391		0	0
Abundance Genus		1 Pseudo-nitzschia	31	0.0267	+	0	0
Abundance Genus		1 Dinophysis acuminata	-1	0.9430		0	0
Abundance Genus		1 Dinophysis norvegica	-22	0.1148		0	0
Abundance Genus		2 Skeletonema	39	0.2055		773.2662338	9084
Abundance Genus		2 Chaetoceros	-65	0.0349	-	-249.1057692	2250
Abundance Genus		2 Thalassiosira	-18	0.5451		0	1247.5
Abundance Genus		2 Ceratium	-29	0.2653		0	0
Abundance Genus		2 Pseudo-nitzschia	34	0.1116		0	0
Abundance Genus		2 Dinophysis acuta	1	0.9309		0	0
Abundance Genus		2 Dinophysis acuminata	3	0.8504		0	0
Abundance Genus		2 Dinophysis norvegica	-41	0.0548		0	0
Abundance Genus		3 Skeletonema	41	0.2468		1984	43502
Abundance Genus		3 Chaetoceros	9	0.7997		267.8333333	37751
Abundance Genus		3 Thalassiosira	-25	0.4779		-33.26923077	4746
Abundance Genus		3 Ceratium	-31	0.1393		0	0
Abundance Genus		3 Pseudo-nitzschia	30	0.3237		0	0
Abundance Genus		3 Dinophysis acuminata	-6	0.8000		0	0
Abundance Genus		3 Dinophysis norvegica	-31	0.2305		0	0
Abundance Genus		4 Skeletonema	17	0.6075		3465.384615	80000
Abundance Genus		4 Chaetoceros	-55	0.0966	-	-1511.363636	25165
Abundance Genus		4 Thalassiosira	-28	0.2543		0	0
Abundance Genus		4 Ceratium	-25	0.2666		0	0
Abundance Genus		4 Pseudo-nitzschia	-1	0.9523		0	0
Abundance Genus		4 Dinophysis acuta	-20	0.0986		0	0
Abundance Genus		4 Dinophysis acuminata	-33	0.1414		0	0
Abundance Genus		4 Dinophysis norvegica	-40	0.1029		0	0
Abundance Genus		5 Skeletonema	-71	0.0130	-	-2427	16878
Abundance Genus		5 Chaetoceros	-50	0.0721	-	-500	1796
Abundance Genus		5 Thalassiosira	-15	0.3202		0	0
Abundance Genus		5 Ceratium	-35	0.0830		0	0
Abundance Genus		5 Pseudo-nitzschia	-25	0.1646		0	0
Abundance Genus		5 Dinophysis acuminata	-37	0.0911		0	0
Abundance Genus		5 Dinophysis norvegica	-28	0.1660		0	0
Abundance Genus		6 Skeletonema	-65	0.0222	-	-1622.222222	13800
Abundance Genus		6 Chaetoceros	-32	0.2577		-100	2400
Abundance Genus		6 Thalassiosira	15	0.5218		0	0
Abundance Genus		6 Ceratium	-1	0.9715		0	150
Abundance Genus		6 Pseudo-nitzschia	-7	0.7650		0	0
Abundance Genus		6 Dinophysis acuta	-19	0.2079		0	0
Abundance Genus		6 Dinophysis acuminata	-46	0.0493	-	0	0
Abundance Genus		6 Dinophysis norvegica	-36	0.1229		0	0
Abundance Genus		7 Skeletonema	-29	0.2690		-585.7142857	14000
Abundance Genus		7 Chaetoceros	-18	0.4811		0	900
Abundance Genus		7 Thalassiosira	-6	0.7240		0	0
Abundance Genus		7 Ceratium	-70	0.0077	--	-32.66666667	101
Abundance Genus		7 Pseudo-nitzschia	-29	0.1876		0	0
Abundance Genus		7 Dinophysis acuta	-36	0.0341	-	0	0
Abundance Genus		7 Dinophysis acuminata	-66	0.0027	--	0	0
Abundance Genus		7 Dinophysis norvegica	-69	0.0017	--	-5.263157895	0
Abundance Genus		8 Skeletonema	-35	0.3811		-338.8888899	11275
Abundance Genus		8 Chaetoceros	-33	0.4089		-90.27777778	3860
Abundance Genus		8 Thalassiosira	-12	0.6017		0	0
Abundance Genus		8 Ceratium	-79	0.0496	-	-39.46904762	275
Abundance Genus		8 Pseudo-nitzschia	0	1.0000		0	0
Abundance Genus		8 Dinophysis acuta	-20	0.3844		0	0
Abundance Genus		8 Dinophysis acuminata	-27	0.4716		0	25
Abundance Genus		8 Dinophysis norvegica	-50	0.0785		0	0
Abundance Genus		9 Skeletonema	-15	0.5960		-333.3333375	18000
Abundance Genus		9 Chaetoceros	-41	0.1493		-1579.857143	23400
Abundance Genus		9 Thalassiosira	-12	0.2733		0	0
Abundance Genus		9 Ceratium	-71	0.0114	-	-124	500
Abundance Genus		9 Pseudo-nitzschia	21	0.4354		0	1552
Abundance Genus		9 Dinophysis acuta	-19	0.3870		0	0
Abundance Genus		9 Dinophysis acuminata	-49	0.0777		-12.55	200
Abundance Genus		9 Dinophysis norvegica	-29	0.2374		0	0
Abundance Genus		10 Skeletonema	36	0.3694		453.5416667	22628
Abundance Genus		10 Chaetoceros	-36	0.3694		-253.8	11933.3333
Abundance Genus		10 Thalassiosira	-20	0.4815		0	0
Abundance Genus		10 Ceratium	-57	0.1358		-4.727267955	101
Abundance Genus		10 Pseudo-nitzschia	34	0.3657		0	115
Abundance Genus		10 Dinophysis acuta	-59	0.0794		0	0
Abundance Genus		10 Dinophysis acuminata	-37	0.2885		0	0
Abundance Genus		10 Dinophysis norvegica	-55	0.1020		0	0
Abundance Genus		11 Skeletonema	-21	0.4235		-642.2222222	5369
Abundance Genus		11 Chaetoceros	-47	0.0732		-834.25	1758.5
Abundance Genus		11 Thalassiosira	-14	0.5772		0	151
Abundance Genus		11 Ceratium	-53	0.0312	-	-25	25
Abundance Genus		11 Pseudo-nitzschia	-14	0.5837		0	1305.5
Abundance Genus		11 Dinophysis acuta	-25	0.0798		0	0
Abundance Genus		11 Dinophysis acuminata	-32	0.1216		0	0
Abundance Genus		11 Dinophysis norvegica	-59	0.0044	--	0	0
Abundance Genus		12 Skeletonema	-50	0.0129	-	-2000	6811
Abundance Genus		12 Chaetoceros	-57	0.0048	--	-597.3333333	2700
Abundance Genus		12 Thalassiosira	-45	0.0151	-	-81.81818182	0
Abundance Genus		12 Ceratium	-60	0.0012	--	-33.33333333	0
Abundance Genus		12 Pseudo-nitzschia	-34	0.0747		-133.3333333	1029
Abundance Genus		12 Dinophysis acuta	-28	0.0448	-	0	0
Abundance Genus		12 Dinophysis acuminata	-38	0.0240	-	0	0
Abundance Genus		12 Dinophysis norvegica	-37	0.0277	-	0	0

ÖVF 1_ _1 Höganäs

Genus månadsvis Multivariate

Variable	Month	Genus	MK statistic	p-value (twosided)	Significance code	Slope (change/index)	Median
Abundance Genus		1 All categories	9	0.7762			25.25
Abundance Genus		2 All categories	64	0.3221		0	24.5
Abundance Genus		3 All categories	53	0.3657		0	0
Abundance Genus		4 All categories	-44	0.1886		0	0
Abundance Genus		5 All categories	92	0.0726		0	0
Abundance Genus		6 All categories	11	0.7591		0	0
Abundance Genus		7 All categories	20	0.4415		0	0
Abundance Genus		8 All categories	-5	0.9287		0	49
Abundance Genus		9 All categories	14	0.6904		0	0
Abundance Genus		10 All categories	6	0.9300		0	101
Abundance Genus		11 All categories	149	0.0939		0	101
Abundance Genus		12 All categories	-15	0.7960		0	0
Abundance Genus		All categories Skeletonema	152	0.0069	++	655.7142857	12000
Abundance Genus		All categories Chaetoceros	47	0.5201		30	5487
Abundance Genus		All categories Thalassiosira	-8	0.8544		0	0
Abundance Genus		All categories Ceratium	-26	0.6531		0	100
Abundance Genus		All categories Pseudo-nitzschia	188	0.0423	+	0	375
Abundance Genus		All categories Dinophysis acuta	-9	0.7332		0	0
Abundance Genus		All categories Dinophysis acuminata	12	0.7894		0	0
Abundance Genus		All categories Dinophysis norvegica	-2	0.9759		0	0
Abundance Genus		All categories All categories	354	0.1480		0	0

Genus månadsvis Univariate

Variable	Month	Genus	MK statistic	p-value (twosided)	Significance code	Slope (change/index)	Median
Abundance Genus		1 Skeletonema	12	0.2760		710.4	2826
Abundance Genus		1 Chaetoceros	2	0.8559		0	321.75
Abundance Genus		1 Thalassiosira	-14	0.2037		-34.5	171
Abundance Genus		1 Ceratium	-1	0.9274		0	45.5
Abundance Genus		1 Pseudo-nitzschia	21	0.0515		228.1875	689.5
Abundance Genus		1 Dinophysis acuminata	4	0.6015		0	0
Abundance Genus		1 Dinophysis norvegica	-15	0.1495		-3.125	12.5
Abundance Genus		2 Skeletonema	39	0.0171	+	14304.44444	15300
Abundance Genus		2 Chaetoceros	-10	0.5418		-587.1875	6360.5
Abundance Genus		2 Thalassiosira	7	0.6672		25.65	674
Abundance Genus		2 Ceratium	5	0.7385		0	0
Abundance Genus		2 Pseudo-nitzschia	18	0.2068		0	0
Abundance Genus		2 Dinophysis acuminata	16	0.1804		0	0
Abundance Genus		2 Dinophysis norvegica	-11	0.4627		0	0
Abundance Genus		3 Skeletonema	41	0.0248	+	28681.25	190064.25
Abundance Genus		3 Chaetoceros	13	0.4767		2372.625	17616.5
Abundance Genus		3 Thalassiosira	2	0.9123		0	3890
Abundance Genus		3 Ceratium	3	0.7851		0	0
Abundance Genus		3 Pseudo-nitzschia	16	0.3598		72.45	825.75
Abundance Genus		3 Dinophysis acuminata	-6	0.6779		0	0
Abundance Genus		3 Dinophysis norvegica	-16	0.2680		0	0
Abundance Genus		4 Skeletonema	-14	0.3370		-5048.333333	32648
Abundance Genus		4 Chaetoceros	-8	0.5833		-265.6363636	8200
Abundance Genus		4 Thalassiosira	-15	0.2476		0	0
Abundance Genus		4 Ceratium	7	0.4547		0	0
Abundance Genus		4 Pseudo-nitzschia	-5	0.7000		0	0
Abundance Genus		4 Dinophysis acuta	9	0.3364		0	0
Abundance Genus		4 Dinophysis acuminata	-10	0.3626		0	0
Abundance Genus		4 Dinophysis norvegica	-8	0.5098		0	0
Abundance Genus		5 Skeletonema	17	0.3520		1635.555556	19014
Abundance Genus		5 Chaetoceros	-12	0.5089		-1082.666667	10352
Abundance Genus		5 Thalassiosira	11	0.1724		0	0
Abundance Genus		5 Ceratium	19	0.2461		0	0
Abundance Genus		5 Pseudo-nitzschia	20	0.1973		0	0
Abundance Genus		5 Dinophysis acuminata	11	0.3173		0	0
Abundance Genus		5 Dinophysis norvegica	26	0.0937		0	0
Abundance Genus		6 Skeletonema	3	0.8662		0	2024.5
Abundance Genus		6 Chaetoceros	-6	0.7313		0	1084.5
Abundance Genus		6 Thalassiosira	-14	0.2810		0	0
Abundance Genus		6 Ceratium	3	0.8635		0	100
Abundance Genus		6 Pseudo-nitzschia	9	0.2643		0	0
Abundance Genus		6 Dinophysis acuminata	11	0.3173		0	0
Abundance Genus		6 Dinophysis norvegica	5	0.6494		0	0
Abundance Genus		7 Skeletonema	-2	0.8864		0	9333.5
Abundance Genus		7 Chaetoceros	19	0.1888		304.15	1132
Abundance Genus		7 Thalassiosira	-26	0.0179	-	0	0
Abundance Genus		7 Ceratium	14	0.3348		25.6875	449
Abundance Genus		7 Pseudo-nitzschia	12	0.3228		0	0
Abundance Genus		7 Dinophysis acuminata	3	0.6639		0	0
Abundance Genus		8 Skeletonema	-8	0.6597		-400	19363
Abundance Genus		8 Chaetoceros	9	0.6222		157.4545455	13955
Abundance Genus		8 Ceratium	-31	0.0897		-139.5	1237
Abundance Genus		8 Pseudo-nitzschia	19	0.2859		317.1428571	3075
Abundance Genus		8 Dinophysis acuminata	-6	0.6779		0	0
Abundance Genus		8 Dinophysis norvegica	12	0.4607		0	0
Abundance Genus		9 Skeletonema	13	0.2858		459	3783
Abundance Genus		9 Chaetoceros	33	0.0083	++	1068.2	3876
Abundance Genus		9 Thalassiosira	-4	0.5271		0	0
Abundance Genus		9 Ceratium	-9	0.4716		-8.333333333	200
Abundance Genus		9 Pseudo-nitzschia	18	0.1564		507.5	4437
Abundance Genus		9 Dinophysis acuta	-11	0.1979		0	0
Abundance Genus		9 Dinophysis acuminata	-13	0.1929		0	0
Abundance Genus		9 Dinophysis norvegica	-13	0.1929		0	0
Abundance Genus		10 Skeletonema	14	0.4409		1547.272727	14510
Abundance Genus		10 Chaetoceros	-3	0.8695		-340	13712.5
Abundance Genus		10 Thalassiosira	14	0.3919		0	0
Abundance Genus		10 Ceratium	-34	0.0613		-75	175
Abundance Genus		10 Pseudo-nitzschia	37	0.0401	+	1089.6	5556
Abundance Genus		10 Dinophysis acuta	-6	0.6779		0	0
Abundance Genus		10 Dinophysis acuminata	-15	0.3899		0	50
Abundance Genus		10 Dinophysis norvegica	-1	0.9447		0	0
Abundance Genus		11 Skeletonema	37	0.0401	+	2664	8964
Abundance Genus		11 Chaetoceros	18	0.3237		592	7500
Abundance Genus		11 Thalassiosira	29	0.1077		230.9090909	1589
Abundance Genus		11 Ceratium	8	0.6600		1	215
Abundance Genus		11 Pseudo-nitzschia	38	0.0365	+	5367.454545	18020
Abundance Genus		11 Dinophysis acuta	0	1.0000		0	0
Abundance Genus		11 Dinophysis acuminata	5	0.7286		0	0
Abundance Genus		11 Dinophysis norvegica	14	0.2810		0	0
Abundance Genus		12 Skeletonema	0	1.0000		0	2725
Abundance Genus		12 Chaetoceros	-8	0.4677		-20.4	226
Abundance Genus		12 Thalassiosira	2	0.8388		0	0
Abundance Genus		12 Ceratium	-10	0.3091		0	0
Abundance Genus		12 Pseudo-nitzschia	-15	0.1797		-1110	5725
Abundance Genus		12 Dinophysis acuta	-1	0.8618		0	0
Abundance Genus		12 Dinophysis acuminata	12	0.1172		0	0
Abundance Genus		12 Dinophysis norvegica	5	0.5174		0	0

Ástol

Genus mánaðsvis Multivariate

Variable	Month	Genus	MK statistic	p-value (twosided)	Significance code	Slope (change/index)	Median
Abundance Genus		1 All categories	39	0.3843		0	69
Abundance Genus		2 All categories	66	0.3352		0	200
Abundance Genus		3 All categories	29	0.6827		0	300
Abundance Genus		4 All categories	-29	0.4935		0	102
Abundance Genus		5 All categories	-43	0.2799		0	99
Abundance Genus		6 All categories	-66	0.2886		0	353
Abundance Genus		7 All categories	-80	0.2556		0	154.5
Abundance Genus		8 All categories	-43	0.3943		0	321
Abundance Genus		9 All categories	96	0.1269		0	168.5
Abundance Genus		10 All categories	-111	0.1113		-14.28571429	792
Abundance Genus		11 All categories	6	0.9195		0	1200
Abundance Genus		12 All categories	-23	0.7366		0	600
Abundance Genus	All categories	Skeletonema	221	0.0274	+	304	7950
Abundance Genus	All categories	Chaetoceros	35	0.5888		0	9572.5
Abundance Genus	All categories	Thalassiosira	52	0.3811		0	0
Abundance Genus	All categories	Ceratium	-234	0.0086	--	-50	826
Abundance Genus	All categories	Pseudo-nitzschia	227	0.0368	+	186	2575
Abundance Genus	All categories	Dinophysis acuta	-128	0.1087		0	0
Abundance Genus	All categories	Dinophysis acuminata	-44	0.4808		0	99
Abundance Genus	All categories	Dinophysis norvegica	-288	0.0154	-	-14.14285714	100
Abundance Genus	All categories	All categories	-159	0.5600		0	292.5

Genus mánaðsvis Univariate

Variable	Month	Genus	MK statistic	p-value (twosided)	Significance code	Slope (change/index)	Median
Abundance Genus		1 Skeletonema	8	0.4725		181.1111111	4750
Abundance Genus		1 Chaetoceros	6	0.5417		0	0
Abundance Genus		1 Thalassiosira	8	0.4158		0	0
Abundance Genus		1 Ceratium	1	0.9274		0	200
Abundance Genus		1 Pseudo-nitzschia	9	0.3872		0	450
Abundance Genus		1 Dinophysis acuta	1	0.8618		0	0
Abundance Genus		1 Dinophysis acuminata	12	0.1815		0	0
Abundance Genus		1 Dinophysis norvegica	-6	0.5786		0	100
Abundance Genus		2 Skeletonema	19	0.2455		683.1944444	7140
Abundance Genus		2 Chaetoceros	-8	0.6255		-154.075	3700
Abundance Genus		2 Thalassiosira	12	0.4568		12.72222222	800
Abundance Genus		2 Ceratium	10	0.5388		4.922727273	200
Abundance Genus		2 Pseudo-nitzschia	21	0.1993		96.375	700
Abundance Genus		2 Dinophysis acuta	6	0.4227		0	0
Abundance Genus		2 Dinophysis acuminata	13	0.2017		0	0
Abundance Genus		2 Dinophysis norvegica	-7	0.6516		0	98
Abundance Genus		3 Skeletonema	17	0.3520		46528.18182	308314
Abundance Genus		3 Chaetoceros	-11	0.5470		-706.6363636	30313.5
Abundance Genus		3 Thalassiosira	12	0.5106		745.875	13935
Abundance Genus		3 Ceratium	4	0.8220		0	91
Abundance Genus		3 Pseudo-nitzschia	-3	0.8686		0	2331.5
Abundance Genus		3 Dinophysis acuminata	14	0.3668		0	0
Abundance Genus		3 Dinophysis norvegica	-4	0.8234		0	100
Abundance Genus		4 Skeletonema	-2	0.9089		0	7070
Abundance Genus		4 Chaetoceros	-15	0.4115		-1161.818182	12192
Abundance Genus		4 Thalassiosira	-21	0.1998		0	0
Abundance Genus		4 Ceratium	27	0.1217		5.714285714	68.5
Abundance Genus		4 Pseudo-nitzschia	-38	0.0297	-	-384	801
Abundance Genus		4 Dinophysis acuminata	7	0.6942		0	202
Abundance Genus		4 Dinophysis norvegica	13	0.4708		10.88888889	202
Abundance Genus		5 Skeletonema	34	0.0613		2750	6933
Abundance Genus		5 Chaetoceros	6	0.7412		32.66666667	1113.5
Abundance Genus		5 Ceratium	-33	0.0700		-49.66666667	329
Abundance Genus		5 Pseudo-nitzschia	31	0.0461	+	0	0
Abundance Genus		5 Dinophysis acuta	-20	0.0679		0	0
Abundance Genus		5 Dinophysis acuminata	-25	0.1518		-25	50
Abundance Genus		5 Dinophysis norvegica	-36	0.0484	-	-61.5	450
Abundance Genus		6 Skeletonema	5	0.7843		188.0769231	126600
Abundance Genus		6 Chaetoceros	-22	0.1959		-442.8571429	3100
Abundance Genus		6 Thalassiosira	5	0.6994		0	0
Abundance Genus		6 Ceratium	-5	0.7843		-42.22222222	1348
Abundance Genus		6 Pseudo-nitzschia	19	0.2919		576.9285714	11600
Abundance Genus		6 Dinophysis acuta	-11	0.1724		0	0
Abundance Genus		6 Dinophysis acuminata	-33	0.0689		-33.33333333	227.5
Abundance Genus		6 Dinophysis norvegica	-24	0.1851		-40.45454545	255
Abundance Genus		7 Skeletonema	1	0.9624		0	14945
Abundance Genus		7 Chaetoceros	-5	0.8166		0	1590
Abundance Genus		7 Thalassiosira	-15	0.1037		0	0
Abundance Genus		7 Ceratium	-41	0.0646		-333.85	2850
Abundance Genus		7 Pseudo-nitzschia	27	0.2105		197.6190476	1192
Abundance Genus		7 Dinophysis acuta	-3	0.8123		0	0
Abundance Genus		7 Dinophysis acuminata	-8	0.7150		0	150
Abundance Genus		7 Dinophysis norvegica	-36	0.1020		-92.82051282	470
Abundance Genus		8 Skeletonema	20	0.3337		0	280.5
Abundance Genus		8 Chaetoceros	28	0.2074		10572.19048	58338
Abundance Genus		8 Ceratium	-50	0.0244	-	-336.6428571	3800
Abundance Genus		8 Pseudo-nitzschia	21	0.3301		166.2125	1702.5
Abundance Genus		8 Dinophysis acuta	-3	0.8685		0	0
Abundance Genus		8 Dinophysis acuminata	3	0.8888		0	129
Abundance Genus		8 Dinophysis norvegica	-62	0.0040	--	-100	554
Abundance Genus		9 Skeletonema	54	0.0090	++	570	441
Abundance Genus		9 Chaetoceros	14	0.5285		740.4285714	28400
Abundance Genus		9 Thalassiosira	30	0.0733		0	0
Abundance Genus		9 Ceratium	-58	0.0090	--	-484.1071429	2425
Abundance Genus		9 Pseudo-nitzschia	66	0.0027	++	1681.797619	2400
Abundance Genus		9 Dinophysis acuta	-12	0.5312		0	0
Abundance Genus		9 Dinophysis acuminata	18	0.4034		0.467532468	153
Abundance Genus		9 Dinophysis norvegica	-16	0.4245		0	0
Abundance Genus		10 Skeletonema	33	0.1359		825	6150
Abundance Genus		10 Chaetoceros	12	0.5890		1042.5	39100
Abundance Genus		10 Thalassiosira	-5	0.8166		0	300
Abundance Genus		10 Ceratium	-45	0.0426	-	-460.7954545	2650
Abundance Genus		10 Pseudo-nitzschia	14	0.5285		1072.488889	20800
Abundance Genus		10 Dinophysis acuta	-46	0.0327	-	-21.8968254	125
Abundance Genus		10 Dinophysis acuminata	-27	0.2215		-15.47619048	135.5
Abundance Genus		10 Dinophysis norvegica	-47	0.0312	-	-19.5	103
Abundance Genus		11 Skeletonema	31	0.1624		4168.583333	14869.5
Abundance Genus		11 Chaetoceros	32	0.1497		2224.622222	22271.5
Abundance Genus		11 Thalassiosira	19	0.3918		315.1142857	3400
Abundance Genus		11 Ceratium	-34	0.1258		-168.1948052	2150
Abundance Genus		11 Pseudo-nitzschia	43	0.0526		4978.375	40000
Abundance Genus		11 Dinophysis acuta	-26	0.2088		0	25
Abundance Genus		11 Dinophysis acuminata	-18	0.4100		-3.372727273	134.5
Abundance Genus		11 Dinophysis norvegica	-41	0.0567		-21.11111111	92
Abundance Genus		12 Skeletonema	1	0.9597		0	3000
Abundance Genus		12 Chaetoceros	-2	0.9208		0	1536
Abundance Genus		12 Thalassiosira	7	0.7262		7.875	1326
Abundance Genus		12 Ceratium	-10	0.6203		-31.77777778	1000
Abundance Genus		12 Pseudo-nitzschia	17	0.3975		304.8888889	8364
Abundance Genus		12 Dinophysis acuta	-14	0.4473		0	0
Abundance Genus		12 Dinophysis acuminata	0	1.0000		0	0
Abundance Genus		12 Dinophysis norvegica	-22	0.1584		0	0

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Genus månadsvis Multivariate

Variable	Month	Genus	MK statistic	p-value (twosided)	Significance code	Slope (change/index)	Median
Abundance Genus		1 All categories	22	0.3838		0	0
Abundance Genus		2 All categories	72	0.1430		0	50
Abundance Genus		3 All categories	2	0.9390		0	0
Abundance Genus		4 All categories	-10	0.7397		0	0
Abundance Genus		5 All categories	24	0.4171		0	0
Abundance Genus		6 All categories	-21	0.5682		0	0
Abundance Genus		7 All categories	22	0.5205		0	0
Abundance Genus		8 All categories	-16	0.6604		0	0
Abundance Genus		9 All categories	33	0.3862		0	0
Abundance Genus		10 All categories	9	0.7511		0	50
Abundance Genus		11 All categories	6	0.7651		0	0
Abundance Genus		12 All categories	69	0.1641		0	50
Abundance Genus	All categories	Skeletonema	68	0.0678		0	0
Abundance Genus	All categories	Chaetoceros	-48	0.0953		0	700
Abundance Genus	All categories	Thalassiosira	50	0.0834		0	0
Abundance Genus	All categories	Ceratium	34	0.4233		0.071428571	153
Abundance Genus	All categories	Pseudo-nitzschia	114	0.0083	++	224	904
Abundance Genus	All categories	Dinophysis acuta	-31	0.2518		0	0
Abundance Genus	All categories	Dinophysis acuminata	17	0.5097		0	0
Abundance Genus	All categories	Dinophysis norvegica	8	0.8689		0	0
Abundance Genus	All categories	All categories	212	0.2560		0	0

Genus månadsvis Univariate

Variable	Month	Genus	MK statistic	p-value (twosided)	Significance code	Slope (change/index)	Median
Abundance Genus		1 Skeletonema	1	0.8694		0	0
Abundance Genus		1 Chaetoceros	2	0.7743		0	0
Abundance Genus		1 Thalassiosira	8	0.2515		0	0
Abundance Genus		1 Ceratium	-9	0.2618		-11.3	102
Abundance Genus		1 Pseudo-nitzschia	10	0.1517		85.5	0
Abundance Genus		1 Dinophysis acuminata	3	0.5127		0	0
Abundance Genus		1 Dinophysis norvegica	7	0.1266		0	0
Abundance Genus		2 Skeletonema	17	0.0705		119226.9	11563.5
Abundance Genus		2 Chaetoceros	6	0.5316		6226	19072
Abundance Genus		2 Thalassiosira	15	0.1159		3496.25	550
Abundance Genus		2 Ceratium	0	1.0000		0	50
Abundance Genus		2 Pseudo-nitzschia	23	0.0144	+	4185	4421
Abundance Genus		2 Dinophysis acuminata	12	0.1296		0	0
Abundance Genus		2 Dinophysis norvegica	-1	0.9003		0	0
Abundance Genus		3 Skeletonema	5	0.5243		497.2	19460
Abundance Genus		3 Chaetoceros	-9	0.2618		-50489.64286	65664
Abundance Genus		3 Thalassiosira	0	1.0000		0	573
Abundance Genus		3 Ceratium	1	0.8987		0	50.5
Abundance Genus		3 Pseudo-nitzschia	2	0.8046		41.725	1518
Abundance Genus		3 Dinophysis norvegica	3	0.6219		0	0
Abundance Genus		4 Skeletonema	-3	0.6977		0	0
Abundance Genus		4 Chaetoceros	-18	0.1022		-114.2857143	680.5
Abundance Genus		4 Thalassiosira	-2	0.8388		0	0
Abundance Genus		4 Ceratium	7	0.4742		0	0
Abundance Genus		4 Pseudo-nitzschia	9	0.3872		0	100
Abundance Genus		4 Dinophysis acuminata	1	0.8618		0	0
Abundance Genus		4 Dinophysis norvegica	-4	0.6561		0	0
Abundance Genus		5 Skeletonema	0	1.0000		0	0
Abundance Genus		5 Chaetoceros	-2	0.7905		0	25.5
Abundance Genus		5 Thalassiosira	5	0.2752		0	0
Abundance Genus		5 Ceratium	-1	0.9008		-3.125	275
Abundance Genus		5 Pseudo-nitzschia	7	0.3727		180.8	1227
Abundance Genus		5 Dinophysis acuminata	8	0.1824		0	0
Abundance Genus		5 Dinophysis norvegica	7	0.3828		34.4	150
Abundance Genus		6 Skeletonema	-2	0.8238		0	0
Abundance Genus		6 Chaetoceros	-18	0.1022		-550	1784.5
Abundance Genus		6 Ceratium	8	0.4725		18.4	475
Abundance Genus		6 Pseudo-nitzschia	-2	0.8559		0	206.5
Abundance Genus		6 Dinophysis acuta	-7	0.2230		0	0
Abundance Genus		6 Dinophysis norvegica	0	1.0000		0	0
Abundance Genus		7 Skeletonema	6	0.2453		0	0
Abundance Genus		7 Chaetoceros	1	0.9003		0	0
Abundance Genus		7 Ceratium	14	0.1444		117.1666667	637.5
Abundance Genus		7 Pseudo-nitzschia	4	0.6449		0	0
Abundance Genus		7 Dinophysis acuta	-7	0.3803		0	0
Abundance Genus		7 Dinophysis acuminata	1	0.8848		0	0
Abundance Genus		7 Dinophysis norvegica	3	0.7409		0	25.5
Abundance Genus		8 Skeletonema	3	0.6639		0	0
Abundance Genus		8 Chaetoceros	-10	0.2733		-92.85714286	600
Abundance Genus		8 Thalassiosira	1	0.9003		0	178.5
Abundance Genus		8 Ceratium	-4	0.6767		-18.14583333	178.5
Abundance Genus		8 Pseudo-nitzschia	-2	0.8266		0	153
Abundance Genus		8 Dinophysis acuta	2	0.6985		0	0
Abundance Genus		8 Dinophysis acuminata	-1	0.9003		0	0
Abundance Genus		8 Dinophysis norvegica	-5	0.5309		0	0
Abundance Genus		9 Skeletonema	3	0.6639		0	0
Abundance Genus		9 Chaetoceros	12	0.2109		622.1428571	2350
Abundance Genus		9 Thalassiosira	4	0.6449		0	0
Abundance Genus		9 Ceratium	9	0.3454		92.46031746	153
Abundance Genus		9 Pseudo-nitzschia	18	0.0606		19378.79365	50988
Abundance Genus		9 Dinophysis acuta	-6	0.2453		0	0
Abundance Genus		9 Dinophysis norvegica	-7	0.3106		0	0
Abundance Genus		10 Skeletonema	3	0.7069		0	0
Abundance Genus		10 Chaetoceros	-9	0.3454		-45.83333333	585
Abundance Genus		10 Thalassiosira	1	0.9165		4.166666667	150
Abundance Genus		10 Ceratium	-1	0.9165		-7.142857143	204
Abundance Genus		10 Pseudo-nitzschia	17	0.0747		1305.25	3417
Abundance Genus		10 Dinophysis acuta	-1	0.9003		0	0
Abundance Genus		10 Dinophysis acuminata	1	0.8848		0	0
Abundance Genus		10 Dinophysis norvegica	-2	0.6985		0	0
Abundance Genus		11 Skeletonema	7	0.1145		143.75	0
Abundance Genus		11 Chaetoceros	-4	0.4206		-487.1428571	1819
Abundance Genus		11 Thalassiosira	4	0.4206		18.75	100
Abundance Genus		11 Ceratium	0	1.0000		0	50
Abundance Genus		11 Pseudo-nitzschia	5	0.3476		2400	13136
Abundance Genus		11 Dinophysis acuta	-5	0.1432		0	0
Abundance Genus		11 Dinophysis acuminata	-1	0.7697		0	0
Abundance Genus		12 Skeletonema	28	0.0110	+	1469	2102
Abundance Genus		12 Chaetoceros	1	0.9261		0	178.5
Abundance Genus		12 Thalassiosira	14	0.2037		153.2	587
Abundance Genus		12 Ceratium	10	0.3640		12.75	175.5
Abundance Genus		12 Pseudo-nitzschia	23	0.0397	+	1164.25	1888.5
Abundance Genus		12 Dinophysis acuta	-7	0.2230		0	0
Abundance Genus		12 Dinophysis acuminata	-7	0.3648		0	0
Abundance Genus		12 Dinophysis norvegica	7	0.4679		0	0

Stretudden

Genus månadsvis Multivariate

Variable	Month	Genus	MK statistic	p-value (twosided)	Significance code	Slope (change/index)	Median
Abundance Genus		1 All categories	-7	0.7573		0	78.5
Abundance Genus		2 All categories	59	0.0833		0	75.5
Abundance Genus		3 All categories	25	0.5695		0	160
Abundance Genus		4 All categories	17	0.3863		0	0
Abundance Genus		5 All categories	4	0.6243		0	135
Abundance Genus		6 All categories	-7	0.0237	-	0	353
Abundance Genus		7 All categories	-23	0.6456		0	101
Abundance Genus		8 All categories	23	0.4945		0	203
Abundance Genus		9 All categories	39	0.0944		0	151.5
Abundance Genus		10 All categories	29	0.4799		0	515
Abundance Genus		11 All categories	67	0.1041		51	450
Abundance Genus		12 All categories	-23	0.2456		0	497
Abundance Genus	All categories	Skeletonema	119	0.0042	++	944.5833333	6598.5
Abundance Genus	All categories	Chaetoceros	67	0.0607		341.9	2996
Abundance Genus	All categories	Thalassiosira	10	0.6341		0	0
Abundance Genus	All categories	Ceratium	-76	0.0776	-	-47.21428571	581
Abundance Genus	All categories	Pseudo-nitzschia	138	0.0033	++	638.6666667	3200
Abundance Genus	All categories	Dinophysis acuta	-91	0.0347	-	0	0
Abundance Genus	All categories	Dinophysis acuminata	-30	0.3768		0	0
Abundance Genus	All categories	Dinophysis norvegica	-54	0.2337		0	51
Abundance Genus	All categories	All categories	143	0.2936		0	195

Genus månadsvis Univariate

Variable	Month	Genus	MK statistic	p-value (twosided)	Significance code	Slope (change/index)	Median
Abundance Genus		1 Skeletonema	6	0.2511		200	1358
Abundance Genus		1 Chaetoceros	-8	0.1260		-291.4285714	1370
Abundance Genus		1 Thalassiosira	0	1.0000		0	529
Abundance Genus		1 Ceratium	3	0.5730		111.1111111	500
Abundance Genus		1 Pseudo-nitzschia	2	0.7021		183.3333333	1785
Abundance Genus		1 Dinophysis acuta	-6	0.2270		-6.666666667	20
Abundance Genus		1 Dinophysis acuminata	-1	0.7697		0	0
Abundance Genus		1 Dinophysis norvegica	-3	0.4987		0	0
Abundance Genus		2 Skeletonema	6	0.5316		529.1666667	7500
Abundance Genus		2 Chaetoceros	10	0.2971		413.625	1060
Abundance Genus		2 Thalassiosira	4	0.6449		0	0
Abundance Genus		2 Ceratium	7	0.4631		17.83333333	153
Abundance Genus		2 Pseudo-nitzschia	18	0.0486	+	348.75	153
Abundance Genus		2 Dinophysis acuminata	8	0.1213		0	0
Abundance Genus		2 Dinophysis norvegica	6	0.5110		3.125	50
Abundance Genus		3 Skeletonema	4	0.6767		60164	326890
Abundance Genus		3 Chaetoceros	2	0.8348		2478.25	47200
Abundance Genus		3 Thalassiosira	1	0.9165		58.28571429	11200
Abundance Genus		3 Ceratium	9	0.3454		15.64583333	160
Abundance Genus		3 Pseudo-nitzschia	15	0.1105		1450.75	1120
Abundance Genus		3 Dinophysis acuminata	-3	0.6639		0	0
Abundance Genus		3 Dinophysis norvegica	-3	0.7409		0	50
Abundance Genus		4 Skeletonema	-3	0.7024		-100	4176
Abundance Genus		4 Chaetoceros	3	0.7024		250	2600
Abundance Genus		4 Thalassiosira	2	0.7743		0	0
Abundance Genus		4 Ceratium	6	0.3897		0	0
Abundance Genus		4 Pseudo-nitzschia	8	0.2515		0	0
Abundance Genus		4 Dinophysis acuminata	2	0.7743		0	0
Abundance Genus		4 Dinophysis norvegica	-1	0.9008		-1.25	155
Abundance Genus		5 Skeletonema	7	0.3828		10337.90476	17350
Abundance Genus		5 Chaetoceros	-6	0.4579		-908.8928571	1751
Abundance Genus		5 Thalassiosira	-5	0.2752		0	0
Abundance Genus		5 Ceratium	-11	0.1702		-33.60416667	200
Abundance Genus		5 Pseudo-nitzschia	5	0.5243		128.625	1370
Abundance Genus		5 Dinophysis acuta	7	0.2498		0	0
Abundance Genus		5 Dinophysis acuminata	2	0.7974		0	100
Abundance Genus		5 Dinophysis norvegica	5	0.5330		18.875	252
Abundance Genus		6 Skeletonema	-18	0.0606		-35205	62220
Abundance Genus		6 Chaetoceros	-11	0.2418		-1239.583333	1719
Abundance Genus		6 Thalassiosira	2	0.6985		0	0
Abundance Genus		6 Ceratium	-8	0.4042		-61.25	1183
Abundance Genus		6 Pseudo-nitzschia	-8	0.4042		-22007.25694	49613
Abundance Genus		6 Dinophysis acuminata	-5	0.5947		-26.625	153
Abundance Genus		6 Dinophysis norvegica	-19	0.0464	-	-81.16666667	204
Abundance Genus		7 Skeletonema	5	0.6310		0	75
Abundance Genus		7 Chaetoceros	0	1.0000		0	0
Abundance Genus		7 Ceratium	-1	0.9287		-10	2759
Abundance Genus		7 Pseudo-nitzschia	7	0.5012		0	76.5
Abundance Genus		7 Dinophysis acuta	-15	0.1495		-51	25
Abundance Genus		7 Dinophysis acuminata	1	0.9235		0	50
Abundance Genus		7 Dinophysis norvegica	-20	0.0725		-102	331.5
Abundance Genus		8 Skeletonema	21	0.0436	+	2116.5	245
Abundance Genus		8 Chaetoceros	15	0.1797		3284	10829
Abundance Genus		8 Ceratium	-9	0.4208		-151.6666667	650
Abundance Genus		8 Pseudo-nitzschia	10	0.3640		382	2500.5
Abundance Genus		8 Dinophysis acuta	-20	0.0626		-20	74.5
Abundance Genus		8 Dinophysis acuminata	21	0.0515		26.33333333	237
Abundance Genus		8 Dinophysis norvegica	-15	0.1643		-28.57142857	75.5
Abundance Genus		9 Skeletonema	16	0.1463		9000	35755
Abundance Genus		9 Chaetoceros	27	0.0157	+	10439.2	21723.5
Abundance Genus		9 Thalassiosira	3	0.6977		0	0
Abundance Genus		9 Ceratium	-23	0.0397	-	-306	1649
Abundance Genus		9 Pseudo-nitzschia	22	0.0482	+	2865	6488.5
Abundance Genus		9 Dinophysis acuta	-10	0.2655		0	0
Abundance Genus		9 Dinophysis acuminata	4	0.7165		8.5	94.5
Abundance Genus		9 Dinophysis norvegica	0	1.0000		0	0
Abundance Genus		10 Skeletonema	30	0.0065	++	23146.66667	3975
Abundance Genus		10 Chaetoceros	15	0.1797		2908.375	23033.5
Abundance Genus		10 Thalassiosira	7	0.5012		0	265
Abundance Genus		10 Ceratium	-22	0.0482	-	-1751.75	1169
Abundance Genus		10 Pseudo-nitzschia	23	0.0397	+	20018.25	18699
Abundance Genus		10 Dinophysis acuta	-13	0.2117		-21.2	53
Abundance Genus		10 Dinophysis acuminata	-12	0.2638		-50	202.5
Abundance Genus		10 Dinophysis norvegica	1	0.9235		0	25
Abundance Genus		11 Skeletonema	32	0.0041	++	6099.6	4023.5
Abundance Genus		11 Chaetoceros	21	0.0603		2288.333333	9561.5
Abundance Genus		11 Thalassiosira	11	0.3213		100	312.5
Abundance Genus		11 Ceratium	-7	0.5312		-72.57142857	1613
Abundance Genus		11 Pseudo-nitzschia	27	0.0157	+	16728	12931
Abundance Genus		11 Dinophysis acuta	-19	0.0781		-26.5	126.5
Abundance Genus		11 Dinophysis acuminata	4	0.6841		0	0
Abundance Genus		11 Dinophysis norvegica	-2	0.8238		0	0
Abundance Genus		12 Skeletonema	13	0.1730		604.6666667	2244
Abundance Genus		12 Chaetoceros	-1	0.9165		-28.375	1173
Abundance Genus		12 Thalassiosira	-15	0.1105		-411.9047619	1900
Abundance Genus		12 Ceratium	-20	0.0371	-	-207.3571429	867
Abundance Genus		12 Pseudo-nitzschia	9	0.3454		735.35	4011
Abundance Genus		12 Dinophysis acuta	-15	0.0819		-7.476190476	0
Abundance Genus		12 Dinophysis acuminata	9	0.1924		0	0
Abundance Genus		12 Dinophysis norvegica	-3	0.6639		0	0

Släggö

Genus månadsvis Multivariate

Variable	Month	Genus	MK statistic	p-value (twosided)	Significance code	Slope (change/index)	Median
Abundance Genus		1 All categories	177	0.0237	+	0	51
Abundance Genus		2 All categories	438	0.0016	++	5	100
Abundance Genus		3 All categories	115	0.3730		0	211
Abundance Genus		4 All categories	199	0.1106		0	149.5
Abundance Genus		5 All categories	212	0.0379	+	0	178.5
Abundance Genus		6 All categories	-160	0.0728		0	202
Abundance Genus		7 All categories	49	0.5201		0	165.75
Abundance Genus		8 All categories	62	0.5502		0	190
Abundance Genus		9 All categories	115	0.2105		0	300
Abundance Genus		10 All categories	141	0.2261		0	475
Abundance Genus		11 All categories	78	0.5241		0	240
Abundance Genus		12 All categories	93	0.2129		0	229
Abundance Genus		All categories Skeletonema	487	0.0010	++	390.2619048	8000
Abundance Genus		All categories Chaetoceros	283	0.0553		48.55555556	4900
Abundance Genus		All categories Thalassiosira	192	0.0763		0	0
Abundance Genus		All categories Ceratium	-67	0.6262		0	790
Abundance Genus		All categories Pseudo-nitzschia	894	0.0000	+++	219.6022727	850
Abundance Genus		All categories Dinophysis acuta	-178	0.2256		0	0
Abundance Genus		All categories Dinophysis acuminata	218	0.0735		0	50
Abundance Genus		All categories Dinophysis norvegica	-310	0.0584		-4.571022727	175
Abundance Genus		All categories All categories	1519	0.0121	+	0	200

Genus månadsvis Univariate

Variable	Month	Genus	MK statistic	p-value (twosided)	Significance code	Slope (change/index)	Median
Abundance Genus		1 Skeletonema	31	0.1612		229.53125	3823.5
Abundance Genus		1 Chaetoceros	48	0.0279	+	771.0238095	2125
Abundance Genus		1 Thalassiosira	30	0.1470		5.51754386	51
Abundance Genus		1 Ceratium	15	0.4990		10	278
Abundance Genus		1 Pseudo-nitzschia	54	0.0090	++	165	522.75
Abundance Genus		1 Dinophysis acuta	-16	0.2858		0	0
Abundance Genus		1 Dinophysis acuminata	24	0.1520		0	0
Abundance Genus		1 Dinophysis norvegica	-9	0.6632		0	25
Abundance Genus		2 Skeletonema	89	0.0038	++	6592.646825	17030
Abundance Genus		2 Chaetoceros	66	0.0307	+	233.6904762	2670
Abundance Genus		2 Thalassiosira	64	0.0370	+	271.8333333	2131
Abundance Genus		2 Ceratium	68	0.0268	+	9.124401914	112.5
Abundance Genus		2 Pseudo-nitzschia	111	0.0001	+++	297.8159341	0
Abundance Genus		2 Dinophysis acuta	-2	0.9254		0	0
Abundance Genus		2 Dinophysis acuminata	36	0.1678		0	0
Abundance Genus		2 Dinophysis norvegica	6	0.8444		0	63
Abundance Genus		3 Skeletonema	20	0.5459		1680.010417	206295
Abundance Genus		3 Chaetoceros	-9	0.7857		-213.3333333	74600
Abundance Genus		3 Thalassiosira	-8	0.8077		0	8273.5
Abundance Genus		3 Ceratium	40	0.1992		0	24.5
Abundance Genus		3 Pseudo-nitzschia	67	0.0404	+	265.0333333	3680
Abundance Genus		3 Dinophysis acuta	1	0.9523		0	0
Abundance Genus		3 Dinophysis acuminata	-5	0.8564		0	0
Abundance Genus		3 Dinophysis norvegica	9	0.7681		0	0
Abundance Genus		4 Skeletonema	50	0.1147		96.66666667	3213
Abundance Genus		4 Chaetoceros	-71	0.0317	-	-3555.25	18182.5
Abundance Genus		4 Thalassiosira	-41	0.2063		-27.79558824	475
Abundance Genus		4 Ceratium	85	0.0086	++	9.493055556	75
Abundance Genus		4 Pseudo-nitzschia	40	0.2070		5.332352941	150
Abundance Genus		4 Dinophysis acuta	28	0.2138		0	0
Abundance Genus		4 Dinophysis acuminata	44	0.1707		1.917613636	50
Abundance Genus		4 Dinophysis norvegica	64	0.0501		19.23076923	250
Abundance Genus		5 Skeletonema	50	0.1017		1881.395933	45633.5
Abundance Genus		5 Chaetoceros	20	0.5098		5.115089514	412.5
Abundance Genus		5 Thalassiosira	-9	0.6990		0	0
Abundance Genus		5 Ceratium	21	0.4954		11.36363636	410
Abundance Genus		5 Pseudo-nitzschia	51	0.0687		0	0
Abundance Genus		5 Dinophysis acuta	-20	0.4614		0	0
Abundance Genus		5 Dinophysis acuminata	61	0.0474	+	15.10294118	187.5
Abundance Genus		5 Dinophysis norvegica	38	0.2171		25.71895425	580
Abundance Genus		6 Skeletonema	-9	0.7427		0	10207.5
Abundance Genus		6 Chaetoceros	-28	0.2871		0	0
Abundance Genus		6 Thalassiosira	1	0.9472		0	0
Abundance Genus		6 Ceratium	3	0.9163		7.352941176	1900
Abundance Genus		6 Pseudo-nitzschia	18	0.4938		0	0
Abundance Genus		6 Dinophysis acuta	-34	0.0584		0	0
Abundance Genus		6 Dinophysis acuminata	-36	0.2076		-22.6	204
Abundance Genus		6 Dinophysis norvegica	-75	0.0087	--	-64.54166667	825
Abundance Genus		7 Skeletonema	-7	0.7985		0	561
Abundance Genus		7 Chaetoceros	38	0.1367		0	0
Abundance Genus		7 Thalassiosira	-2	0.8551		0	0
Abundance Genus		7 Ceratium	-3	0.9164		-12.25	1550
Abundance Genus		7 Pseudo-nitzschia	74	0.0038	++	41.5	0
Abundance Genus		7 Dinophysis acuta	-9	0.7243		0	0
Abundance Genus		7 Dinophysis acuminata	-17	0.5479		-4.818181818	178.5
Abundance Genus		7 Dinophysis norvegica	-25	0.3818		-13.85714286	425
Abundance Genus		8 Skeletonema	76	0.0095	++	846.8333333	1210
Abundance Genus		8 Chaetoceros	76	0.0132	+	700	6712.5
Abundance Genus		8 Thalassiosira	43	0.0833		0	0
Abundance Genus		8 Ceratium	-93	0.0025	--	-382.7443182	2313.5
Abundance Genus		8 Pseudo-nitzschia	99	0.0004	+++	140.1190476	0
Abundance Genus		8 Dinophysis acuta	-26	0.3910		-2.533333333	95
Abundance Genus		8 Dinophysis acuminata	-23	0.4508		-3.0625	112.5
Abundance Genus		8 Dinophysis norvegica	-90	0.0032	--	-28.57142857	175
Abundance Genus		9 Skeletonema	83	0.0105	+	2460.796218	19756
Abundance Genus		9 Chaetoceros	90	0.0062	++	3704.0625	17580
Abundance Genus		9 Thalassiosira	44	0.1389		0	0
Abundance Genus		9 Ceratium	-124	0.0002	---	-508.5238095	4080
Abundance Genus		9 Pseudo-nitzschia	119	0.0001	+++	1568.527778	6112.5
Abundance Genus		9 Dinophysis acuta	-34	0.2751		0	50
Abundance Genus		9 Dinophysis acuminata	46	0.1639		4.894736842	200
Abundance Genus		9 Dinophysis norvegica	-109	0.0008	---	-29.95	149.5
Abundance Genus		10 Skeletonema	51	0.0582		337.625	1776
Abundance Genus		10 Chaetoceros	49	0.0848		706.4	11070
Abundance Genus		10 Thalassiosira	24	0.3616		0	0
Abundance Genus		10 Ceratium	-41	0.1515		-95.42857143	1963.5
Abundance Genus		10 Pseudo-nitzschia	86	0.0022	++	611.5384615	6328
Abundance Genus		10 Dinophysis acuta	-6	0.8291		0	250
Abundance Genus		10 Dinophysis acuminata	28	0.3244		4.761904762	150
Abundance Genus		10 Dinophysis norvegica	-50	0.0750		-16.66666667	101
Abundance Genus		11 Skeletonema	32	0.2820		54.98190045	942
Abundance Genus		11 Chaetoceros	0	1.0000		0	1595
Abundance Genus		11 Thalassiosira	54	0.0771		29.51388889	362.5
Abundance Genus		11 Ceratium	-50	0.1048		-112.0122807	1692.5
Abundance Genus		11 Pseudo-nitzschia	122	0.0000	+++	1193.556818	2936
Abundance Genus		11 Dinophysis acuta	-35	0.1971		0	0
Abundance Genus		11 Dinophysis acuminata	33	0.2367		0	0
Abundance Genus		11 Dinophysis norvegica	-78	0.0100	-	-35.14705882	101
Abundance Genus		12 Skeletonema	21	0.2935		311.1111111	4902.5
Abundance Genus		12 Chaetoceros	4	0.8424		57.14285714	2100
Abundance Genus		12 Thalassiosira	-8	0.6918		-11	1294
Abundance Genus		12 Ceratium	12	0.5521		14.39285714	550
Abundance Genus		12 Pseudo-nitzschia	53	0.0074	++	955.3846154	5916
Abundance Genus		12 Dinophysis acuta	-25	0.1878		-1.923076923	25.5
Abundance Genus		12 Dinophysis acuminata	27	0.0828		0	0
Abundance Genus		12 Dinophysis norvegica	9	0.6439		0	51

S-5

Genus månadsvis Multivariate

Variable	Month	Genus	MK statistic	p-value (twosided)	Significance code	Slope (change/index)	Median
Abundance Genus		1 All categories	11	0.7701		0	0
Abundance Genus		2 All categories	8	0.7405		0	0
Abundance Genus		3 All categories	46	0.1589		0	150
Abundance Genus		4 All categories	-29	0.3979		0	0
Abundance Genus		5 All categories	-58	0.1461		0	0
Abundance Genus		6 All categories	-3	0.9130		0	0
Abundance Genus		7 All categories	-44	0.2511		0	0
Abundance Genus		8 All categories	-11	0.8177		0	0
Abundance Genus		9 All categories	74	0.0462	+	0	300
Abundance Genus		10 All categories	-13	0.5914		0	700
Abundance Genus		11 All categories	-11	0.5871		0	3450
Abundance Genus		12 All categories	3	0.3173		9550	900
Abundance Genus	All categories	Skeletonema	127	0.0088	++	1241.666667	9200
Abundance Genus	All categories	Chaetoceros	-14	0.7124		0	3200
Abundance Genus	All categories	Thalassiosira	15	0.4579		0	0
Abundance Genus	All categories	Ceratium	-126	0.0362	-	-22.22222222	500
Abundance Genus	All categories	Pseudo-nitzschia	125	0.0129	+	0	1100
Abundance Genus	All categories	Dinophysis acuta	-29	0.0866		0	0
Abundance Genus	All categories	Dinophysis acuminata	-66	0.0497	-	0	0
Abundance Genus	All categories	Dinophysis norvegica	-59	0.0649		0	0
Abundance Genus	All categories	All categories	-27	0.7595		0	0

Genus månadsvis Univariate

Variable	Month	Genus	MK statistic	p-value (twosided)	Significance code	Slope (change/index)	Median
Abundance Genus		1 Skeletonema	4	0.6767		945	4100
Abundance Genus		1 Chaetoceros	-1	0.9003		0	0
Abundance Genus		1 Thalassiosira	2	0.8178		0	0
Abundance Genus		1 Ceratium	-1	0.9077		0	0
Abundance Genus		1 Pseudo-nitzschia	9	0.3454		588.3333333	5000
Abundance Genus		1 Dinophysis acuta	4	0.4386		0	0
Abundance Genus		1 Dinophysis acuminata	8	0.1213		0	0
Abundance Genus		1 Dinophysis norvegica	-14	0.0404	-	0	0
Abundance Genus		2 Skeletonema	12	0.2109		8008.333333	28100
Abundance Genus		2 Chaetoceros	-11	0.2418		-178.5714286	1600
Abundance Genus		2 Thalassiosira	-9	0.2593		0	0
Abundance Genus		2 Ceratium	-5	0.5620		0	0
Abundance Genus		2 Pseudo-nitzschia	15	0.1105		1305.952381	2500
Abundance Genus		2 Dinophysis norvegica	6	0.4894		0	0
Abundance Genus		3 Skeletonema	28	0.0119	+	60483.33333	96225
Abundance Genus		3 Chaetoceros	12	0.2812		1211.111111	10400
Abundance Genus		3 Thalassiosira	5	0.6310		0	3900
Abundance Genus		3 Ceratium	-7	0.4742		0	0
Abundance Genus		3 Pseudo-nitzschia	27	0.0138	+	1250	2800
Abundance Genus		3 Dinophysis acuminata	-21	0.0436	-	-37.5	50
Abundance Genus		3 Dinophysis norvegica	2	0.8523		0	175
Abundance Genus		4 Skeletonema	2	0.8178		0	0
Abundance Genus		4 Chaetoceros	-8	0.3808		-2223.214286	16600
Abundance Genus		4 Thalassiosira	-13	0.1033		0	0
Abundance Genus		4 Pseudo-nitzschia	-7	0.3106		0	0
Abundance Genus		4 Dinophysis acuminata	3	0.7279		0	0
Abundance Genus		4 Dinophysis norvegica	-6	0.4485		0	0
Abundance Genus		5 Skeletonema	7	0.6304		4573.181818	85100
Abundance Genus		5 Chaetoceros	-16	0.2703		-200	2200
Abundance Genus		5 Ceratium	-12	0.3755		0	50
Abundance Genus		5 Pseudo-nitzschia	7	0.4547		0	0
Abundance Genus		5 Dinophysis acuminata	-22	0.0452	-	0	0
Abundance Genus		5 Dinophysis norvegica	-22	0.1017		-18.05555556	150
Abundance Genus		6 Skeletonema	10	0.4311		2254.545455	35300
Abundance Genus		6 Chaetoceros	0	1.0000		0	0
Abundance Genus		6 Ceratium	-11	0.3790		-25	300
Abundance Genus		6 Pseudo-nitzschia	12	0.2270		0	0
Abundance Genus		6 Dinophysis acuminata	-10	0.1138		0	0
Abundance Genus		6 Dinophysis norvegica	-4	0.6374		0	0
Abundance Genus		7 Skeletonema	3	0.8332		0	5400
Abundance Genus		7 Chaetoceros	-31	0.0224	-	-1081.818182	2000
Abundance Genus		7 Ceratium	-18	0.2149		-105.5555556	1550
Abundance Genus		7 Pseudo-nitzschia	7	0.5895		0	0
Abundance Genus		7 Dinophysis norvegica	-5	0.4689		0	0
Abundance Genus		8 Skeletonema	15	0.2692		188.8888889	50
Abundance Genus		8 Chaetoceros	-4	0.7751		0	1150
Abundance Genus		8 Thalassiosira	9	0.1924		0	0
Abundance Genus		8 Ceratium	-16	0.2726		-273.8888889	2650
Abundance Genus		8 Pseudo-nitzschia	13	0.3164		0	0
Abundance Genus		8 Dinophysis acuta	-9	0.1924		0	0
Abundance Genus		8 Dinophysis acuminata	-7	0.5222		0	0
Abundance Genus		8 Dinophysis norvegica	-12	0.2747		0	0
Abundance Genus		9 Skeletonema	30	0.0161	+	550	1400
Abundance Genus		9 Chaetoceros	22	0.0833		1600	3200
Abundance Genus		9 Thalassiosira	6	0.3428		0	0
Abundance Genus		9 Ceratium	-28	0.0288	-	-340	2100
Abundance Genus		9 Pseudo-nitzschia	29	0.0204	+	8820	3200
Abundance Genus		9 Dinophysis acuta	2	0.7518		0	0
Abundance Genus		9 Dinophysis acuminata	0	1.0000		0	0
Abundance Genus		9 Dinophysis norvegica	13	0.3015		36.36363636	500
Abundance Genus		10 Skeletonema	16	0.1508		2075	12500
Abundance Genus		10 Chaetoceros	19	0.0892		5380	37050
Abundance Genus		10 Thalassiosira	7	0.2230		0	0
Abundance Genus		10 Ceratium	-26	0.0196	-	-875	2450
Abundance Genus		10 Pseudo-nitzschia	15	0.1797		1700	15650
Abundance Genus		10 Dinophysis acuta	-17	0.1150		-40	250
Abundance Genus		10 Dinophysis acuminata	-12	0.2223		0	0
Abundance Genus		10 Dinophysis norvegica	-15	0.1607		-60	300
Abundance Genus		11 Skeletonema	-1	0.8510		-650	30300
Abundance Genus		11 Chaetoceros	3	0.5730		2833.333333	42800
Abundance Genus		11 Thalassiosira	7	0.1885		1170	9150
Abundance Genus		11 Ceratium	-1	0.8510		-257.1428571	2200
Abundance Genus		11 Pseudo-nitzschia	-3	0.5730		-36250	233000
Abundance Genus		11 Dinophysis acuta	-9	0.0643		-62.5	500
Abundance Genus		11 Dinophysis acuminata	-5	0.1432		0	0
Abundance Genus		11 Dinophysis norvegica	-2	0.7021		-22.22222222	300
Abundance Genus		12 Skeletonema	1	0.3173		980800	493600
Abundance Genus		12 Chaetoceros	1	0.3173		87400	44600
Abundance Genus		12 Thalassiosira	1	0.3173		19100	9550
Abundance Genus		12 Ceratium	-1	0.3173		-2500	2150
Abundance Genus		12 Pseudo-nitzschia	1	0.3173		1006700	513650

N7 Ost Nidingen

Genus månadsvis Multivariate

Variable	Month	Genus	MK statistic	p-value (twosided)	Significance code	Slope (change/index)	Median
Abundance Genus		1 All categories	188	0.0281	+	5.55555556	300
Abundance Genus		2 All categories	214	0.0236	+	0	147
Abundance Genus		3 All categories	56	0.4479		0	214.25
Abundance Genus		4 All categories	43	0.3289		0	0
Abundance Genus		5 All categories	88	0.1666		0	0
Abundance Genus		6 All categories	41	0.5366		0	25
Abundance Genus		7 All categories	-151	0.0421	-	0	0
Abundance Genus		8 All categories	45	0.4134		0	0
Abundance Genus		9 All categories	15	0.8354		0	15
Abundance Genus		10 All categories	-89	0.3496		0	505
Abundance Genus		11 All categories	-56	0.5738		0	1450
Abundance Genus		12 All categories	93	0.3002		0	800
Abundance Genus	All categories	Skeletonema	170	0.0764		195.2261905	11500
Abundance Genus	All categories	Chaetoceros	-4	0.9557		0	4284
Abundance Genus	All categories	Thalassiosira	83	0.2029		0	0
Abundance Genus	All categories	Ceratium	82	0.4461		0	520
Abundance Genus	All categories	Pseudo-nitzschia	293	0.0096	++	50.5	1900
Abundance Genus	All categories	Dinophysis acuta	-101	0.2436		0	0
Abundance Genus	All categories	Dinophysis acuminata	193	0.0187	+	0	0
Abundance Genus	All categories	Dinophysis norvegica	-229	0.0231	-	0	75
Abundance Genus	All categories	All categories	487	0.1096		0	167.5

Genus månadsvis Univariate

Variable	Month	Genus	MK statistic	p-value (twosided)	Significance code	Slope (change/index)	Median
Abundance Genus		1 Skeletonema	37	0.0671		1087.5	6700
Abundance Genus		1 Chaetoceros	29	0.1428		266.9090909	2936
Abundance Genus		1 Thalassiosira	24	0.2247		50	700
Abundance Genus		1 Ceratium	41	0.0403	+	57.375	400
Abundance Genus		1 Pseudo-nitzschia	39	0.0488	+	680	2499
Abundance Genus		1 Dinophysis acuta	19	0.1744		0	0
Abundance Genus		1 Dinophysis acuminata	29	0.0844		0	0
Abundance Genus		1 Dinophysis norvegica	-30	0.1359		-30	149
Abundance Genus		2 Skeletonema	42	0.0586		9137.777778	24475
Abundance Genus		2 Chaetoceros	4	0.8568		44.04395604	12834
Abundance Genus		2 Thalassiosira	25	0.2463		179.7619048	1750
Abundance Genus		2 Ceratium	56	0.0082	++	18.27840909	147
Abundance Genus		2 Pseudo-nitzschia	24	0.2652		73.5	700
Abundance Genus		2 Dinophysis acuta	15	0.2352		0	0
Abundance Genus		2 Dinophysis acuminata	30	0.0733		0	0
Abundance Genus		2 Dinophysis norvegica	18	0.3198		0	0
Abundance Genus		3 Skeletonema	10	0.8525		1137.5	90593
Abundance Genus		3 Chaetoceros	-15	0.4979		-5998.878788	34202.75
Abundance Genus		3 Thalassiosira	-22	0.3176		-1658.051136	12147.5
Abundance Genus		3 Ceratium	39	0.0591		2.525252525	12.5
Abundance Genus		3 Pseudo-nitzschia	-3	0.8922		-3.833333333	5307.5
Abundance Genus		3 Dinophysis acuta	19	0.1327		0	0
Abundance Genus		3 Dinophysis acuminata	10	0.5506		0	0
Abundance Genus		3 Dinophysis norvegica	18	0.4034		1.4375	77.5
Abundance Genus		4 Skeletonema	16	0.2726		338.5833333	10722
Abundance Genus		4 Chaetoceros	-11	0.4496		-184.2447552	4450
Abundance Genus		4 Thalassiosira	-1	0.9386		0	0
Abundance Genus		4 Ceratium	9	0.4107		0	0
Abundance Genus		4 Pseudo-nitzschia	-1	0.9449		0	1875
Abundance Genus		4 Dinophysis acuta	7	0.3106		0	0
Abundance Genus		4 Dinophysis acuminata	22	0.0452	+	0	0
Abundance Genus		4 Dinophysis norvegica	2	0.8691		0	0
Abundance Genus		5 Skeletonema	-4	0.8689		-17.5	6050
Abundance Genus		5 Chaetoceros	7	0.7340		0	0
Abundance Genus		5 Thalassiosira	-3	0.8235		0	0
Abundance Genus		5 Ceratium	29	0.1784		0	0
Abundance Genus		5 Pseudo-nitzschia	37	0.0860		0	0
Abundance Genus		5 Dinophysis acuta	8	0.4142		0	0
Abundance Genus		5 Dinophysis acuminata	8	0.6802		0	0
Abundance Genus		5 Dinophysis norvegica	6	0.7932		0	150
Abundance Genus		6 Skeletonema	-27	0.1815		-5274.416667	56500
Abundance Genus		6 Chaetoceros	-16	0.4182		-27.77777778	500
Abundance Genus		6 Ceratium	37	0.0655		51	510
Abundance Genus		6 Pseudo-nitzschia	11	0.5822		12.75	3724
Abundance Genus		6 Dinophysis acuta	6	0.4875		0	0
Abundance Genus		6 Dinophysis acuminata	32	0.0573		0	0
Abundance Genus		6 Dinophysis norvegica	-2	0.9139		0	0
Abundance Genus		7 Skeletonema	-31	0.1228		-400	5260.5
Abundance Genus		7 Chaetoceros	-1	0.9569		0	0
Abundance Genus		7 Thalassiosira	-12	0.1649		0	0
Abundance Genus		7 Ceratium	-24	0.2344		-94.33333333	900
Abundance Genus		7 Pseudo-nitzschia	-27	0.1449		0	0
Abundance Genus		7 Dinophysis acuta	2	0.8170		0	0
Abundance Genus		7 Dinophysis acuminata	-23	0.1001		0	0
Abundance Genus		7 Dinophysis norvegica	-35	0.0722		-24.9	75
Abundance Genus		8 Skeletonema	22	0.2489		55.28571429	300
Abundance Genus		8 Chaetoceros	3	0.8661		0	0
Abundance Genus		8 Thalassiosira	-21	0.0756		0	0
Abundance Genus		8 Ceratium	0	1.0000		0	1600
Abundance Genus		8 Pseudo-nitzschia	36	0.0325	+	0	0
Abundance Genus		8 Dinophysis acuta	-1	0.9430		0	0
Abundance Genus		8 Dinophysis acuminata	28	0.0448	+	0	0
Abundance Genus		8 Dinophysis norvegica	-22	0.2154		0	0
Abundance Genus		9 Skeletonema	23	0.2858		0	0
Abundance Genus		9 Chaetoceros	-2	0.9339		0	3400
Abundance Genus		9 Thalassiosira	15	0.3482		0	0
Abundance Genus		9 Ceratium	-56	0.0211	-	-251.6666667	3120
Abundance Genus		9 Pseudo-nitzschia	66	0.0031	++	664.2857143	0
Abundance Genus		9 Dinophysis acuta	-24	0.2162		0	0
Abundance Genus		9 Dinophysis acuminata	37	0.0860		0	0
Abundance Genus		9 Dinophysis norvegica	-44	0.0485	-	-8.712121212	0
Abundance Genus		10 Skeletonema	53	0.0252	+	1522.916667	5800
Abundance Genus		10 Chaetoceros	2	0.9343		131.95	15560
Abundance Genus		10 Thalassiosira	5	0.8082		0	0
Abundance Genus		10 Ceratium	-49	0.0429	-	-786.6071429	5450
Abundance Genus		10 Pseudo-nitzschia	20	0.4066		614	33550
Abundance Genus		10 Dinophysis acuta	-51	0.0310	-	-27.92207792	255
Abundance Genus		10 Dinophysis acuminata	1	0.9651		0	50
Abundance Genus		10 Dinophysis norvegica	-70	0.0034	--	-43.01948052	100
Abundance Genus		11 Skeletonema	12	0.6211		1296.671429	16300
Abundance Genus		11 Chaetoceros	-6	0.8048		-164.4666667	12444
Abundance Genus		11 Thalassiosira	44	0.0694		206.7857143	1150
Abundance Genus		11 Ceratium	-42	0.0831		-203.5714286	1800
Abundance Genus		11 Pseudo-nitzschia	50	0.0394	+	8171.2	35644
Abundance Genus		11 Dinophysis acuta	-65	0.0061	--	-28.86904762	200
Abundance Genus		11 Dinophysis acuminata	5	0.7964		0	0
Abundance Genus		11 Dinophysis norvegica	-54	0.0238	-	-40.98823529	204
Abundance Genus		12 Skeletonema	17	0.4834		544	11500
Abundance Genus		12 Chaetoceros	2	0.9341		0	8940
Abundance Genus		12 Thalassiosira	29	0.2319		197.2222222	3200
Abundance Genus		12 Ceratium	42	0.0824		101	1400
Abundance Genus		12 Pseudo-nitzschia	41	0.0910		5082.378788	29624
Abundance Genus		12 Dinophysis acuta	-36	0.1065		-2.4	0
Abundance Genus		12 Dinophysis acuminata	14	0.4343		0	0
Abundance Genus		12 Dinophysis norvegica	-16	0.4990		-1.1	150

N14 Falkenberg

Genus månadsvis Multivariate

Variable	Month	Genus	MK statistic	p-value (twosided)	Significance code	Slope (change/index)	Median
Abundance Genus		1 All categories	66	0.0670		0	25
Abundance Genus		2 All categories	66	0.0652		0	87.5
Abundance Genus		3 All categories	-24	0.5198		0	25
Abundance Genus		4 All categories	0	1.0000		0	0
Abundance Genus		5 All categories	-35	0.3903		0	0
Abundance Genus		6 All categories	-35	0.4528		0	0
Abundance Genus		7 All categories	-113	0.0126	-	0	0
Abundance Genus		8 All categories	39	0.4487		0	0
Abundance Genus		9 All categories	-25	0.6538		0	0
Abundance Genus		10 All categories	-68	0.1379		0	700
Abundance Genus		11 All categories	-35	0.5426		0	1475
Abundance Genus		12 All categories	-18	0.7585		0	693
Abundance Genus	All categories	Skeletonema	-126	0.0392	-	-75	6850
Abundance Genus	All categories	Chaetoceros	-98	0.0968		-0.0625	3250
Abundance Genus	All categories	Thalassiosira	-36	0.4993		0	0
Abundance Genus	All categories	Ceratium	4	0.9529		0	495
Abundance Genus	All categories	Pseudo-nitzschia	163	0.0363	+	180	2050
Abundance Genus	All categories	Dinophysis acuta	-105	0.0271	-	0	0
Abundance Genus	All categories	Dinophysis acuminata	60	0.2894		0	0
Abundance Genus	All categories	Dinophysis norvegica	-44	0.5241		0	50
Abundance Genus	All categories	All categories	-182	0.3919		0	50

Genus månadsvis Univariate

Variable	Month	Genus	MK statistic	p-value (twosided)	Significance code	Slope (change/index)	Median
Abundance Genus		1 Skeletonema	13	0.1666		1413.181818	9900
Abundance Genus		1 Chaetoceros	9	0.3454		216.4772727	3700
Abundance Genus		1 Thalassiosira	2	0.8266		0	150
Abundance Genus		1 Ceratium	3	0.7496		1.923076923	150
Abundance Genus		1 Pseudo-nitzschia	21	0.0255	+	4966.666667	1632
Abundance Genus		1 Dinophysis acuminata	11	0.1111		0	0
Abundance Genus		1 Dinophysis norvegica	7	0.4168		0	0
Abundance Genus		2 Skeletonema	21	0.0603		60859.75	70525
Abundance Genus		2 Chaetoceros	-10	0.3692		-2900	23378.5
Abundance Genus		2 Thalassiosira	9	0.4040		154	7796
Abundance Genus		2 Ceratium	16	0.0748		0	0
Abundance Genus		2 Pseudo-nitzschia	15	0.1715		563.8461538	1650
Abundance Genus		2 Dinophysis acuminata	3	0.6977		0	0
Abundance Genus		2 Dinophysis norvegica	12	0.2638		6.25	100
Abundance Genus		3 Skeletonema	-32	0.0125	-	-7666.666667	30800
Abundance Genus		3 Chaetoceros	-13	0.2985		-22760	36450
Abundance Genus		3 Thalassiosira	-25	0.0456	-	-2594	2594
Abundance Genus		3 Ceratium	7	0.4832		0	0
Abundance Genus		3 Pseudo-nitzschia	14	0.2704		225	2800
Abundance Genus		3 Dinophysis acuminata	9	0.3673		0	0
Abundance Genus		3 Dinophysis norvegica	16	0.1992		7.142857143	100
Abundance Genus		4 Skeletonema	-10	0.3640		-333.3333333	6575
Abundance Genus		4 Chaetoceros	-24	0.0311	-	-658.3333333	4900
Abundance Genus		4 Thalassiosira	-14	0.1545		0	0
Abundance Genus		4 Ceratium	13	0.2117		6.666666667	50
Abundance Genus		4 Pseudo-nitzschia	-3	0.7809		0	923
Abundance Genus		4 Dinophysis acuminata	13	0.0924		0	0
Abundance Genus		4 Dinophysis norvegica	25	0.0227	+	46.15384615	475
Abundance Genus		5 Skeletonema	-29	0.0449	-	-830.952381	4625
Abundance Genus		5 Chaetoceros	3	0.8171		0	0
Abundance Genus		5 Thalassiosira	-2	0.8555		0	0
Abundance Genus		5 Ceratium	9	0.5192		0	100.5
Abundance Genus		5 Pseudo-nitzschia	-7	0.5895		0	0
Abundance Genus		5 Dinophysis acuminata	-9	0.3364		0	0
Abundance Genus		5 Dinophysis norvegica	0	1.0000		0	300
Abundance Genus		6 Skeletonema	-33	0.0426	-	-1802.142857	15000
Abundance Genus		6 Chaetoceros	-15	0.3333		-11.77941176	400.5
Abundance Genus		6 Ceratium	18	0.2703		23.35714286	306
Abundance Genus		6 Pseudo-nitzschia	-13	0.3854		0	0
Abundance Genus		6 Dinophysis acuminata	2	0.7893		0	0
Abundance Genus		6 Dinophysis norvegica	6	0.6739		0	0
Abundance Genus		7 Skeletonema	-36	0.0101	-	-266.6666667	237.5
Abundance Genus		7 Chaetoceros	-22	0.0699		0	0
Abundance Genus		7 Thalassiosira	-17	0.0694		0	0
Abundance Genus		7 Ceratium	-23	0.1139		-82.75	675
Abundance Genus		7 Pseudo-nitzschia	-5	0.7127		0	350
Abundance Genus		7 Dinophysis acuta	-5	0.5933		0	0
Abundance Genus		7 Dinophysis acuminata	1	0.9341		0	0
Abundance Genus		7 Dinophysis norvegica	-6	0.6211		0	0
Abundance Genus		8 Skeletonema	8	0.5677		0	975
Abundance Genus		8 Chaetoceros	14	0.3173		141.9583333	2025
Abundance Genus		8 Thalassiosira	-13	0.1650		0	0
Abundance Genus		8 Ceratium	1	0.9452		11.41666667	2275
Abundance Genus		8 Pseudo-nitzschia	27	0.0374	+	615.7051282	0
Abundance Genus		8 Dinophysis acuta	-13	0.1650		0	0
Abundance Genus		8 Dinophysis acuminata	12	0.3228		0	0
Abundance Genus		8 Dinophysis norvegica	3	0.8171		0	0
Abundance Genus		9 Skeletonema	-2	0.8804		0	0
Abundance Genus		9 Chaetoceros	-8	0.6198		-67.79487179	1800
Abundance Genus		9 Thalassiosira	15	0.1407		0	0
Abundance Genus		9 Ceratium	-24	0.1431		-279.1818182	4227.5
Abundance Genus		9 Pseudo-nitzschia	38	0.0167	+	655.7272727	700
Abundance Genus		9 Dinophysis acuta	-25	0.0370	-	0	0
Abundance Genus		9 Dinophysis acuminata	10	0.4831		0	0
Abundance Genus		9 Dinophysis norvegica	-29	0.0614		-24.16875	51
Abundance Genus		10 Skeletonema	4	0.7794		0	6900
Abundance Genus		10 Chaetoceros	6	0.6808		610.5384615	17475.75
Abundance Genus		10 Thalassiosira	-14	0.2487		0	0
Abundance Genus		10 Ceratium	-26	0.0746		-731.8712121	7362.5
Abundance Genus		10 Pseudo-nitzschia	26	0.0746		4288.532468	50076
Abundance Genus		10 Dinophysis acuta	-29	0.0327	-	-35.41666667	25
Abundance Genus		10 Dinophysis acuminata	-6	0.5849		0	0
Abundance Genus		10 Dinophysis norvegica	-29	0.0378	-	-56.94444444	325
Abundance Genus		11 Skeletonema	-9	0.5822		-1313.541667	24400
Abundance Genus		11 Chaetoceros	-26	0.1127		-1994.410714	18700
Abundance Genus		11 Thalassiosira	25	0.1246		285.2767857	2600
Abundance Genus		11 Ceratium	-10	0.5418		-35.08333333	1500
Abundance Genus		11 Pseudo-nitzschia	26	0.1127		7852.444444	71744
Abundance Genus		11 Dinophysis acuta	-13	0.4017		0	50
Abundance Genus		11 Dinophysis acuminata	4	0.7960		0	0.75
Abundance Genus		11 Dinophysis norvegica	-32	0.0438	-	-90	360
Abundance Genus		12 Skeletonema	-21	0.1489		-1150	24950
Abundance Genus		12 Chaetoceros	-12	0.4008		-649.8205128	9300
Abundance Genus		12 Thalassiosira	-2	0.8909		-43.15454545	5114
Abundance Genus		12 Ceratium	20	0.1628		80.35714286	593
Abundance Genus		12 Pseudo-nitzschia	24	0.0998		12553.2197	35900
Abundance Genus		12 Dinophysis acuta	-20	0.0994		0	0
Abundance Genus		12 Dinophysis acuminata	10	0.3626		0	0
Abundance Genus		12 Dinophysis norvegica	-17	0.2105		-6.829326923	24.5

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Genus månadsvis Multivariate

Variable	Month	Genus	MK statistic	p-value (twosided)	Significance code	Slope (change/index)	Median
Abundance Genus		1 All categories	45	0.4995		0	123.5
Abundance Genus		2 All categories	245	0.0107	+	0	50
Abundance Genus		3 All categories	149	0.0474	+	0	124.75
Abundance Genus		4 All categories	69	0.1516		0	0
Abundance Genus		5 All categories	74	0.4202		0	0
Abundance Genus		6 All categories	-26	0.6280		0	0
Abundance Genus		7 All categories	-13	0.8619		0	0
Abundance Genus		8 All categories	6	0.9435		0	0
Abundance Genus		9 All categories	116	0.1676		0	148.5
Abundance Genus		10 All categories	-77	0.3681		0	875
Abundance Genus		11 All categories	-33	0.5576		0	1475
Abundance Genus		12 All categories	158	0.1352		4.5	757.5
Abundance Genus	All categories	Skeletonema	220	0.1034		654.1666667	14600
Abundance Genus	All categories	Chaetoceros	70	0.4861		0	4046
Abundance Genus	All categories	Thalassiosira	76	0.4434		0	0
Abundance Genus	All categories	Ceratium	60	0.5507		0	400
Abundance Genus	All categories	Pseudo-nitzschia	380	0.0028	++	75	1250
Abundance Genus	All categories	Dinophysis acuta	-129	0.1089		0	0
Abundance Genus	All categories	Dinophysis acuminata	219	0.0246	+	0	0
Abundance Genus	All categories	Dinophysis norvegica	-183	0.0496	-	0	0
Abundance Genus	All categories	All categories	713	0.0763		0	100

Genus månadsvis Univariate

Variable	Month	Genus	MK statistic	p-value (twosided)	Significance code	Slope (change/index)	Median
Abundance Genus		1 Skeletonema	6	0.6394		225	4500
Abundance Genus		1 Chaetoceros	0	1.0000		0	1919
Abundance Genus		1 Thalassiosira	6	0.6078		0	0
Abundance Genus		1 Ceratium	10	0.4311		24.5	300
Abundance Genus		1 Pseudo-nitzschia	11	0.3790		291.8571429	1785
Abundance Genus		1 Dinophysis acuta	3	0.7839		0	0
Abundance Genus		1 Dinophysis acuminata	7	0.4832		0	0
Abundance Genus		1 Dinophysis norvegica	2	0.8749		0	100
Abundance Genus		2 Skeletonema	52	0.0192	+	8922.875	29950
Abundance Genus		2 Chaetoceros	9	0.6842		169.5666667	8791
Abundance Genus		2 Thalassiosira	31	0.1435		116.1388889	989
Abundance Genus		2 Ceratium	36	0.0723		1	0
Abundance Genus		2 Pseudo-nitzschia	45	0.0420	+	659.2	1550
Abundance Genus		2 Dinophysis acuta	17	0.1785		0	0
Abundance Genus		2 Dinophysis acuminata	34	0.0233	+	0	0
Abundance Genus		2 Dinophysis norvegica	21	0.2726		0	0
Abundance Genus		3 Skeletonema	15	0.4990		5841.111111	90625
Abundance Genus		3 Chaetoceros	-4	0.8571		-646.75	45772
Abundance Genus		3 Thalassiosira	2	0.9276		0	17775
Abundance Genus		3 Ceratium	48	0.0166	+	4.003205128	0
Abundance Genus		3 Pseudo-nitzschia	50	0.0220	+	1000	2916
Abundance Genus		3 Dinophysis acuta	9	0.3290		0	0
Abundance Genus		3 Dinophysis acuminata	25	0.2263		0	25
Abundance Genus		3 Dinophysis norvegica	4	0.8459		0	24.75
Abundance Genus		4 Skeletonema	8	0.6609		796.8	64621
Abundance Genus		4 Chaetoceros	-5	0.7788		0	11018
Abundance Genus		4 Thalassiosira	-1	0.9487		0	0
Abundance Genus		4 Ceratium	25	0.0828		0	0
Abundance Genus		4 Pseudo-nitzschia	25	0.1270		0	0
Abundance Genus		4 Dinophysis acuta	17	0.1222		0	0
Abundance Genus		4 Dinophysis acuminata	-1	0.9276		0	0
Abundance Genus		4 Dinophysis norvegica	1	0.9530		0	24.5
Abundance Genus		5 Skeletonema	8	0.7617		593.5714286	17205
Abundance Genus		5 Chaetoceros	21	0.3932		0	25
Abundance Genus		5 Thalassiosira	-7	0.6238		0	0
Abundance Genus		5 Ceratium	43	0.0507		0	0
Abundance Genus		5 Pseudo-nitzschia	-3	0.8847		0	0
Abundance Genus		5 Dinophysis acuta	9	0.3857		0	0
Abundance Genus		5 Dinophysis acuminata	8	0.6747		0	0
Abundance Genus		5 Dinophysis norvegica	-5	0.8203		0	0
Abundance Genus		6 Skeletonema	-8	0.7187		-1118.863636	29374
Abundance Genus		6 Chaetoceros	-30	0.1730		-89.875	654
Abundance Genus		6 Thalassiosira	-13	0.1585		0	0
Abundance Genus		6 Ceratium	22	0.3136		7.269230769	306
Abundance Genus		6 Pseudo-nitzschia	2	0.9205		0	0
Abundance Genus		6 Dinophysis acuminata	11	0.2328		0	0
Abundance Genus		6 Dinophysis norvegica	-10	0.5047		0	0
Abundance Genus		7 Skeletonema	11	0.6494		424.4444444	11630
Abundance Genus		7 Chaetoceros	5	0.8328		0	200
Abundance Genus		7 Thalassiosira	-12	0.2207		0	0
Abundance Genus		7 Ceratium	0	1.0000		2.6125	700
Abundance Genus		7 Pseudo-nitzschia	-11	0.6097		0	0
Abundance Genus		7 Dinophysis acuta	2	0.8383		0	0
Abundance Genus		7 Dinophysis acuminata	14	0.2967		0	0
Abundance Genus		7 Dinophysis norvegica	-22	0.2570		0	0
Abundance Genus		8 Skeletonema	36	0.1588		697.6666667	3125
Abundance Genus		8 Chaetoceros	-11	0.6732		-0.125	1919.5
Abundance Genus		8 Thalassiosira	-22	0.1954		0	0
Abundance Genus		8 Ceratium	0	1.0000		0	1575
Abundance Genus		8 Pseudo-nitzschia	20	0.4030		0	0
Abundance Genus		8 Dinophysis acuta	1	0.9638		0	0
Abundance Genus		8 Dinophysis acuminata	8	0.1412		0	0
Abundance Genus		8 Dinophysis norvegica	-39	0.0764		0	0
Abundance Genus		9 Skeletonema	57	0.0205	+	145.6	250
Abundance Genus		9 Chaetoceros	50	0.0551		1416.666667	9580
Abundance Genus		9 Thalassiosira	6	0.7529		0	0
Abundance Genus		9 Ceratium	-55	0.0372	-	-495.5	4350
Abundance Genus		9 Pseudo-nitzschia	68	0.0078	++	2200	2837.5
Abundance Genus		9 Dinophysis acuta	-21	0.3932		0	0.5
Abundance Genus		9 Dinophysis acuminata	49	0.0549		7.142857143	50
Abundance Genus		9 Dinophysis norvegica	-38	0.1449		-17	126
Abundance Genus		10 Skeletonema	50	0.0532		2185	16122
Abundance Genus		10 Chaetoceros	31	0.2403		1937	26202
Abundance Genus		10 Thalassiosira	15	0.5302		0	0
Abundance Genus		10 Ceratium	-85	0.0013	--	-983.3333333	4100
Abundance Genus		10 Pseudo-nitzschia	68	0.0100	++	2618.555556	9625
Abundance Genus		10 Dinophysis acuta	-78	0.0028	--	-50	275
Abundance Genus		10 Dinophysis acuminata	0	1.0000		0	75
Abundance Genus		10 Dinophysis norvegica	-78	0.0025	--	-50	200
Abundance Genus		11 Skeletonema	-3	0.9016		-94.76190476	25000
Abundance Genus		11 Chaetoceros	-14	0.5641		-506.5	16700
Abundance Genus		11 Thalassiosira	35	0.1481		319	2000
Abundance Genus		11 Ceratium	-15	0.5363		-85.41666667	4900
Abundance Genus		11 Pseudo-nitzschia	50	0.0380	+	6137.85	69000
Abundance Genus		11 Dinophysis acuta	-56	0.0191	-	-66.66666667	675
Abundance Genus		11 Dinophysis acuminata	4	0.8627		0	100
Abundance Genus		11 Dinophysis norvegica	-34	0.1508		-25	300
Abundance Genus		12 Skeletonema	-12	0.6492		-214.6666667	9850
Abundance Genus		12 Chaetoceros	18	0.4942		179	3850
Abundance Genus		12 Thalassiosira	36	0.1724		216	3700
Abundance Genus		12 Ceratium	31	0.2374		81.81818182	1275
Abundance Genus		12 Pseudo-nitzschia	55	0.0361	+	3264.5	21967
Abundance Genus		12 Dinophysis acuta	-32	0.2087		-9.375	150
Abundance Genus		12 Dinophysis acuminata	47	0.0414	+	0	0
Abundance Genus		12 Dinophysis norvegica	15	0.5616		0	100

Kosterfjorden (NR16)

Genus månadsvis Multivariate

Variable	Month	Genus	MK statistic	p-value (twosided)	Significance code	Slope (change/index)	Median
Abundance Genus		1 All categories	113	0.1602		0	100
Abundance Genus		2 All categories	253	0.0158	+		0
Abundance Genus		3 All categories	217	0.0706		0	200
Abundance Genus		4 All categories	6	0.9199		0	100
Abundance Genus		5 All categories	5	0.9389		0	0
Abundance Genus		6 All categories	-76	0.4312		0	328
Abundance Genus		7 All categories	-150	0.1045		0	101
Abundance Genus		8 All categories	-74	0.3131		0	0
Abundance Genus		9 All categories	47	0.5527		0	148
Abundance Genus		10 All categories	-121	0.2596		0	475
Abundance Genus		11 All categories	-144	0.2279		0	400
Abundance Genus		12 All categories	-42	0.6085		0	127.5
Abundance Genus	All categories	Skeletonema	-119	0.3157		0	5788.5
Abundance Genus	All categories	Chaetoceros	-13	0.8907		0	7000
Abundance Genus	All categories	Thalassiosira	10	0.9007		0	0
Abundance Genus	All categories	Ceratium	-1	0.9951		0	306
Abundance Genus	All categories	Pseudo-nitzschia	340	0.0039	++	0	1350
Abundance Genus	All categories	Dinophysis acuta	-157	0.1696		0	0
Abundance Genus	All categories	Dinophysis acuminata	42	0.6721		0	0
Abundance Genus	All categories	Dinophysis norvegica	-68	0.6995		0	91
Abundance Genus	All categories	All categories	34	0.9462		0	100

Genus månadsvis Univariate

Variable	Month	Genus	MK statistic	p-value (twosided)	Significance code	Slope (change/index)	Median
Abundance Genus		1 Skeletonema	-9	0.6528		-40.625	3570
Abundance Genus		1 Chaetoceros	2	0.9165		0	200
Abundance Genus		1 Thalassiosira	-3	0.8807		0	300
Abundance Genus		1 Ceratium	27	0.1790		17.85714286	350
Abundance Genus		1 Pseudo-nitzschia	45	0.0114	+	88.46153846	0
Abundance Genus		1 Dinophysis acuta	-3	0.7996		0	0
Abundance Genus		1 Dinophysis acuminata	22	0.0617		0	0
Abundance Genus		1 Dinophysis norvegica	32	0.0986		11.11111111	100
Abundance Genus		2 Skeletonema	-13	0.6202		-105.2631579	6233.5
Abundance Genus		2 Chaetoceros	33	0.1892		12.5	212.5
Abundance Genus		2 Thalassiosira	11	0.6611		0	50
Abundance Genus		2 Ceratium	62	0.0116	+	12.5	25
Abundance Genus		2 Pseudo-nitzschia	58	0.0119	+	3.923076923	0
Abundance Genus		2 Dinophysis acuta	15	0.1483		0	0
Abundance Genus		2 Dinophysis acuminata	34	0.0745		0	0
Abundance Genus		2 Dinophysis norvegica	53	0.0312	+	4.636363636	25
Abundance Genus		3 Skeletonema	15	0.5997		13108.33333	387549
Abundance Genus		3 Chaetoceros	32	0.2626		4480	37840
Abundance Genus		3 Thalassiosira	20	0.4838		314.75	29339.5
Abundance Genus		3 Ceratium	31	0.2693		6	100
Abundance Genus		3 Pseudo-nitzschia	46	0.1014		266.6666667	1760
Abundance Genus		3 Dinophysis acuta	-7	0.6427		0	0
Abundance Genus		3 Dinophysis acuminata	43	0.0502		0	0
Abundance Genus		3 Dinophysis norvegica	37	0.1668		0	50
Abundance Genus		4 Skeletonema	-28	0.2452		-384.7291667	3950
Abundance Genus		4 Chaetoceros	-6	0.8034		-10	12400
Abundance Genus		4 Thalassiosira	-63	0.0078	--	-1103.571429	800
Abundance Genus		4 Ceratium	31	0.1629		0	0
Abundance Genus		4 Pseudo-nitzschia	25	0.2460		0	0
Abundance Genus		4 Dinophysis acuta	-10	0.3074		0	0
Abundance Genus		4 Dinophysis acuminata	28	0.2093		0	0
Abundance Genus		4 Dinophysis norvegica	29	0.2208		13.04166667	204
Abundance Genus		5 Skeletonema	-24	0.3928		-685.7142857	29100
Abundance Genus		5 Chaetoceros	-60	0.0364	-	-582.5	5200
Abundance Genus		5 Thalassiosira	4	0.7150		0	0
Abundance Genus		5 Ceratium	31	0.2693		7.272727273	150
Abundance Genus		5 Pseudo-nitzschia	50	0.0229	+	0	0
Abundance Genus		5 Dinophysis acuta	-25	0.1646		0	0
Abundance Genus		5 Dinophysis acuminata	10	0.7102		0	24.5
Abundance Genus		5 Dinophysis norvegica	19	0.4979		3.333333333	200
Abundance Genus		6 Skeletonema	-49	0.0603		-5070.555556	44817.5
Abundance Genus		6 Chaetoceros	-49	0.0626		-1257	7606.5
Abundance Genus		6 Thalassiosira	-1	0.9232		0	0
Abundance Genus		6 Ceratium	12	0.6486		16.66666667	1325
Abundance Genus		6 Pseudo-nitzschia	22	0.4034		184.2	6988
Abundance Genus		6 Dinophysis acuta	-5	0.6299		0	0
Abundance Genus		6 Dinophysis acuminata	8	0.7538		0	100
Abundance Genus		6 Dinophysis norvegica	-14	0.5904		-5	453.5
Abundance Genus		7 Skeletonema	-44	0.0546		-640.5714286	392
Abundance Genus		7 Chaetoceros	-33	0.1575		-177.05	1500
Abundance Genus		7 Thalassiosira	20	0.2640		0	0
Abundance Genus		7 Ceratium	-12	0.6211		-127.5	2200
Abundance Genus		7 Pseudo-nitzschia	8	0.7267		0	2000
Abundance Genus		7 Dinophysis acuta	-25	0.0631		0	0
Abundance Genus		7 Dinophysis acuminata	-28	0.2084		0	0
Abundance Genus		7 Dinophysis norvegica	-36	0.1325		-70.58333333	312
Abundance Genus		8 Skeletonema	-5	0.7811		0	0
Abundance Genus		8 Chaetoceros	18	0.5216		44	13000
Abundance Genus		8 Thalassiosira	19	0.2079		0	0
Abundance Genus		8 Ceratium	-29	0.3077		-86.75	1100
Abundance Genus		8 Pseudo-nitzschia	9	0.7007		0	0
Abundance Genus		8 Dinophysis acuta	-12	0.5528		0	0
Abundance Genus		8 Dinophysis acuminata	-29	0.2156		0	0
Abundance Genus		8 Dinophysis norvegica	-45	0.0947		-13.71428571	80
Abundance Genus		9 Skeletonema	36	0.1999		310.3333333	12000
Abundance Genus		9 Chaetoceros	36	0.2076		3668.642857	39146
Abundance Genus		9 Thalassiosira	17	0.4892		0	0
Abundance Genus		9 Ceratium	-26	0.3602		-59	700
Abundance Genus		9 Pseudo-nitzschia	40	0.1607		1200	20000
Abundance Genus		9 Dinophysis acuta	-13	0.4699		0	0
Abundance Genus		9 Dinophysis acuminata	-3	0.8676		0	0
Abundance Genus		9 Dinophysis norvegica	-40	0.1034		0	0
Abundance Genus		10 Skeletonema	-13	0.6703		-22.36263736	5038
Abundance Genus		10 Chaetoceros	-23	0.4553		-1325	22250
Abundance Genus		10 Thalassiosira	-4	0.8864		0	0
Abundance Genus		10 Ceratium	-26	0.3947		-53.0372549	950
Abundance Genus		10 Pseudo-nitzschia	-11	0.7207		-558.6022727	17100
Abundance Genus		10 Dinophysis acuta	-6	0.8303		0	0
Abundance Genus		10 Dinophysis acuminata	-7	0.7780		0	0
Abundance Genus		10 Dinophysis norvegica	-31	0.2889		0	76
Abundance Genus		11 Skeletonema	21	0.4801		79.5	3300
Abundance Genus		11 Chaetoceros	15	0.5997		108.3636364	4300
Abundance Genus		11 Thalassiosira	-14	0.6177		0	408
Abundance Genus		11 Ceratium	-49	0.0848		-278.7142857	700
Abundance Genus		11 Pseudo-nitzschia	25	0.3792		138.4615385	10584
Abundance Genus		11 Dinophysis acuta	-59	0.0312	-	-25	159
Abundance Genus		11 Dinophysis acuminata	-25	0.2857		0	0
Abundance Genus		11 Dinophysis norvegica	-58	0.0231	-	-20.9	0
Abundance Genus		12 Skeletonema	-6	0.8165		0	5134
Abundance Genus		12 Chaetoceros	22	0.4014		28.57142857	1189
Abundance Genus		12 Thalassiosira	4	0.8756		0	679.5
Abundance Genus		12 Ceratium	-53	0.0440	-	-116.3333333	1187
Abundance Genus		12 Pseudo-nitzschia	23	0.3807		157.1428571	8700
Abundance Genus		12 Dinophysis acuta	-7	0.7690		0	0
Abundance Genus		12 Dinophysis acuminata	-11	0.5633		0	0
Abundance Genus		12 Dinophysis norvegica	-14	0.5439		0	0

Koljöfjord

Genus månadsvis Multivariate

Variable	Month	Genus	MK statistic	p-value (twosided)	Significance code	Slope (change/index)	Median
Abundance Genus		1 All categories	46	0.0900		0	0
Abundance Genus		2 All categories	87	0.0222	+	0	0
Abundance Genus		3 All categories	32	0.4513		0	0
Abundance Genus		4 All categories	-23	0.4493		0	394
Abundance Genus		5 All categories	99	0.1671		0	100
Abundance Genus		6 All categories	-35	0.5766		0	600
Abundance Genus		7 All categories	149	0.0505		0	280
Abundance Genus		8 All categories	84	0.3070		0	918
Abundance Genus		9 All categories	74	0.2179		0	502.5
Abundance Genus		10 All categories	-27	0.4870		0	556
Abundance Genus		11 All categories	-39	0.5095		0	200
Abundance Genus		12 All categories	-37	0.5728		0	0
Abundance Genus	All categories	Skeletonema	133	0.1876		147	7200
Abundance Genus	All categories	Chaetoceros	36	0.6266		0	5962.5
Abundance Genus	All categories	Thalassiosira	8	0.8988		0	0
Abundance Genus	All categories	Ceratium	-1	0.9915		0	800
Abundance Genus	All categories	Pseudo-nitzschia	274	0.0142	+	109.2857143	1000
Abundance Genus	All categories	Dinophysis acuta	26	0.7433		0	0
Abundance Genus	All categories	Dinophysis acuminata	44	0.4540		0	0
Abundance Genus	All categories	Dinophysis norvegica	-110	0.2475		0	49.5
Abundance Genus	All categories	All categories	410	0.0861		0	152.5

Genus månadsvis Univariate

Variable	Month	Genus	MK statistic	p-value (twosided)	Significance code	Slope (change/index)	Median
Abundance Genus		1 Skeletonema	11	0.1613		1104.166667	2600
Abundance Genus		1 Chaetoceros	10	0.1517		5.357142857	0
Abundance Genus		1 Thalassiosira	15	0.0561		20.41428571	101.5
Abundance Genus		1 Ceratium	-1	0.8987		0	75
Abundance Genus		1 Pseudo-nitzschia	8	0.2879		22.08333333	26.5
Abundance Genus		1 Dinophysis acuta	-1	0.8273		0	0
Abundance Genus		1 Dinophysis acuminata	7	0.2498		0	0
Abundance Genus		1 Dinophysis norvegica	-3	0.6219		0	0
Abundance Genus		2 Skeletonema	23	0.1116		341.5178571	1914.5
Abundance Genus		2 Chaetoceros	16	0.1452		0	0
Abundance Genus		2 Thalassiosira	12	0.2747		0	0
Abundance Genus		2 Ceratium	16	0.2507		5.505681818	51
Abundance Genus		2 Pseudo-nitzschia	14	0.2487		0	0
Abundance Genus		2 Dinophysis acuminata	9	0.3364		0	0
Abundance Genus		2 Dinophysis norvegica	-3	0.7487		0	0
Abundance Genus		3 Skeletonema	13	0.3115		6718.333333	51510
Abundance Genus		3 Chaetoceros	1	0.9379		395.5	11950
Abundance Genus		3 Thalassiosira	3	0.8104		0	3550
Abundance Genus		3 Ceratium	6	0.5849		0	0
Abundance Genus		3 Pseudo-nitzschia	25	0.0401	+	267	49
Abundance Genus		3 Dinophysis norvegica	-16	0.1711		-8.333333333	0
Abundance Genus		4 Skeletonema	12	0.2109		47555.60714	194076
Abundance Genus		4 Chaetoceros	-4	0.6767		-11608.125	81189
Abundance Genus		4 Thalassiosira	-16	0.0953		-8840.785714	56600
Abundance Genus		4 Ceratium	-1	0.8848		0	0
Abundance Genus		4 Pseudo-nitzschia	-3	0.7532		-516	2500
Abundance Genus		4 Dinophysis acuminata	-5	0.4689		0	0
Abundance Genus		4 Dinophysis norvegica	-6	0.4894		0	0
Abundance Genus		5 Skeletonema	36	0.0455	+	9406.818182	24609
Abundance Genus		5 Chaetoceros	18	0.3218		956.7	12769
Abundance Genus		5 Thalassiosira	5	0.5351		0	0
Abundance Genus		5 Ceratium	7	0.6978		4.545454545	136
Abundance Genus		5 Pseudo-nitzschia	40	0.0221	+	827.8	2297.5
Abundance Genus		5 Dinophysis acuta	-11	0.1724		0	0
Abundance Genus		5 Dinophysis acuminata	1	0.9552		0	247
Abundance Genus		5 Dinophysis norvegica	3	0.8681		0	175
Abundance Genus		6 Skeletonema	-5	0.7599		-2302.244048	66000
Abundance Genus		6 Chaetoceros	-10	0.5351		-72.85714286	3417
Abundance Genus		6 Thalassiosira	-2	0.8804		0	0
Abundance Genus		6 Ceratium	-4	0.8072		-21.3	900
Abundance Genus		6 Pseudo-nitzschia	20	0.2077		90	800
Abundance Genus		6 Dinophysis acuta	-17	0.0950		0	0
Abundance Genus		6 Dinophysis acuminata	0	1.0000		0	300
Abundance Genus		6 Dinophysis norvegica	-17	0.2988		-46.11111111	800
Abundance Genus		7 Skeletonema	25	0.2065		1200	7200
Abundance Genus		7 Chaetoceros	5	0.7872		0	0
Abundance Genus		7 Thalassiosira	-6	0.7005		0	0
Abundance Genus		7 Ceratium	27	0.1815		297.5384615	5100
Abundance Genus		7 Pseudo-nitzschia	44	0.0089	++	0	0
Abundance Genus		7 Dinophysis acuta	25	0.1598		0	0
Abundance Genus		7 Dinophysis acuminata	22	0.2489		9.8	98
Abundance Genus		7 Dinophysis norvegica	7	0.7290		9.090909091	900
Abundance Genus		8 Skeletonema	18	0.4136		523.5974026	8261
Abundance Genus		8 Chaetoceros	-7	0.7411		0	3550
Abundance Genus		8 Thalassiosira	-13	0.3036		0	0
Abundance Genus		8 Ceratium	44	0.0476	+	605.3571429	9100
Abundance Genus		8 Pseudo-nitzschia	36	0.0992		508.75	6125
Abundance Genus		8 Dinophysis acuta	31	0.1552		19.27272727	198
Abundance Genus		8 Dinophysis acuminata	-16	0.4637		-13.44285714	202
Abundance Genus		8 Dinophysis norvegica	-9	0.6850		-28.38787879	1126.5
Abundance Genus		9 Skeletonema	6	0.7532		0	2184
Abundance Genus		9 Chaetoceros	-1	0.9605		-110	24870
Abundance Genus		9 Thalassiosira	-14	0.3695		0	0
Abundance Genus		9 Ceratium	-11	0.5862		-132.0909091	6200
Abundance Genus		9 Pseudo-nitzschia	48	0.0170	+	1906.5	12250
Abundance Genus		9 Dinophysis acuta	16	0.4017		0	202
Abundance Genus		9 Dinophysis acuminata	22	0.2705		14	168
Abundance Genus		9 Dinophysis norvegica	8	0.6346		0	0
Abundance Genus		10 Skeletonema	16	0.4264		625	7829
Abundance Genus		10 Chaetoceros	2	0.9208		0	22800
Abundance Genus		10 Thalassiosira	26	0.1823		65.57142857	400
Abundance Genus		10 Ceratium	-45	0.0260	-	-400	4600
Abundance Genus		10 Pseudo-nitzschia	10	0.6191		153	2000
Abundance Genus		10 Dinophysis acuta	-5	0.7930		0	100
Abundance Genus		10 Dinophysis acuminata	-2	0.9191		0	51
Abundance Genus		10 Dinophysis norvegica	-29	0.0382	-	0	0
Abundance Genus		11 Skeletonema	-7	0.7411		0	4480
Abundance Genus		11 Chaetoceros	0	1.0000		0	7800
Abundance Genus		11 Thalassiosira	-22	0.3219		-322.8351648	3350
Abundance Genus		11 Ceratium	-9	0.6844		-32.26363636	1109
Abundance Genus		11 Pseudo-nitzschia	10	0.6497		37.475	8025
Abundance Genus		11 Dinophysis acuta	-2	0.9169		0	0
Abundance Genus		11 Dinophysis acuminata	11	0.5438		0	0
Abundance Genus		11 Dinophysis norvegica	-20	0.2967		0	0
Abundance Genus		12 Skeletonema	-15	0.4979		-155.6666667	3030.5
Abundance Genus		12 Chaetoceros	6	0.7718		0	25.5
Abundance Genus		12 Thalassiosira	20	0.2636		54.97142857	859
Abundance Genus		12 Ceratium	-30	0.1685		-13.39285714	175
Abundance Genus		12 Pseudo-nitzschia	22	0.3136		52.5	1363
Abundance Genus		12 Dinophysis acuta	-10	0.5047		0	0
Abundance Genus		12 Dinophysis acuminata	-5	0.6923		0	0
Abundance Genus		12 Dinophysis norvegica	-25	0.0479	-	0	0

Havstensfjord

Genus månadsvis Multivariate

Variable	Month	Genus	MK statistic	p-value (twosided)	Significance code	Slope (change/index)	Median
Abundance Genus		1 All categories	60	0.1012		0	0
Abundance Genus		2 All categories	-27	0.6785		0	0
Abundance Genus		3 All categories	50	0.4004		0	12.5
Abundance Genus		4 All categories	58	0.4558		0	50
Abundance Genus		5 All categories	145	0.1206		0	178
Abundance Genus		6 All categories	86	0.4449		0	699
Abundance Genus		7 All categories	-20	0.7823		0	277.5
Abundance Genus		8 All categories	206	0.0553		0	204
Abundance Genus		9 All categories	66	0.5374		0	0
Abundance Genus		10 All categories	66	0.4673		0	175
Abundance Genus		11 All categories	-17	0.8500		0	318.5
Abundance Genus		12 All categories	-154	0.0605		0	0
Abundance Genus	All categories	Skeletonema	36	0.6405		0	3640
Abundance Genus	All categories	Chaetoceros	258	0.0093	++	0	343
Abundance Genus	All categories	Thalassiosira	97	0.3221		0	0
Abundance Genus	All categories	Ceratium	-132	0.2655		0	720
Abundance Genus	All categories	Pseudo-nitzschia	489	0.0004	+++	7.692307692	0
Abundance Genus	All categories	Dinophysis acuta	16	0.8952		0	0
Abundance Genus	All categories	Dinophysis acuminata	-1	0.9920		0	0
Abundance Genus	All categories	Dinophysis norvegica	-244	0.0640		0	50
Abundance Genus	All categories	All categories	519	0.1403		0	94.5

Genus månadsvis Univariate

Variable	Month	Genus	MK statistic	p-value (twosided)	Significance code	Slope (change/index)	Median
Abundance Genus		1 Skeletonema	-14	0.3778		-85.5	1530
Abundance Genus		1 Chaetoceros	7	0.4918		0	0
Abundance Genus		1 Thalassiosira	14	0.3489		0	0
Abundance Genus		1 Ceratium	14	0.3778		3.977272727	80
Abundance Genus		1 Pseudo-nitzschia	26	0.0505		0	0
Abundance Genus		1 Dinophysis acuta	0	1.0000		0	0
Abundance Genus		1 Dinophysis acuminata	0	1.0000		0	0
Abundance Genus		1 Dinophysis norvegica	13	0.2017		0	0
Abundance Genus		2 Skeletonema	-29	0.1469		-278.5	1300
Abundance Genus		2 Chaetoceros	-12	0.4417		0	0
Abundance Genus		2 Thalassiosira	18	0.3108		0	0
Abundance Genus		2 Ceratium	-1	0.9581		0	51
Abundance Genus		2 Pseudo-nitzschia	30	0.0747		0	0
Abundance Genus		2 Dinophysis acuta	-12	0.1649		0	0
Abundance Genus		2 Dinophysis acuminata	23	0.0516		0	0
Abundance Genus		2 Dinophysis norvegica	-44	0.0132	-	-3.571428571	0
Abundance Genus		3 Skeletonema	11	0.5470		866.6666667	21890
Abundance Genus		3 Chaetoceros	5	0.7788		0	5650
Abundance Genus		3 Thalassiosira	4	0.8257		6.866666667	1420
Abundance Genus		3 Ceratium	18	0.2883		0	20
Abundance Genus		3 Pseudo-nitzschia	27	0.0993		0	0
Abundance Genus		3 Dinophysis acuta	-24	0.0285	-	0	0
Abundance Genus		3 Dinophysis acuminata	17	0.1222		0	0
Abundance Genus		3 Dinophysis norvegica	-8	0.6246		0	0
Abundance Genus		4 Skeletonema	44	0.0660		2100	4200
Abundance Genus		4 Chaetoceros	32	0.1842		1203.923529	12132
Abundance Genus		4 Thalassiosira	10	0.6760		18	1568
Abundance Genus		4 Ceratium	6	0.7376		0	0
Abundance Genus		4 Pseudo-nitzschia	46	0.0391	+	400.4807692	0
Abundance Genus		4 Dinophysis acuta	-34	0.0331	-	0	0
Abundance Genus		4 Dinophysis acuminata	-13	0.5463		0	0
Abundance Genus		4 Dinophysis norvegica	-33	0.1575		-7.85	147
Abundance Genus		5 Skeletonema	26	0.3619		1800	18000
Abundance Genus		5 Chaetoceros	4	0.8856		0	2200
Abundance Genus		5 Thalassiosira	26	0.1984		0	0
Abundance Genus		5 Ceratium	10	0.7203		0	200
Abundance Genus		5 Pseudo-nitzschia	61	0.0131	+	0	0
Abundance Genus		5 Dinophysis acuta	-2	0.9212		0	0
Abundance Genus		5 Dinophysis acuminata	18	0.5243		6.25	560
Abundance Genus		5 Dinophysis norvegica	2	0.9438		0	306
Abundance Genus		6 Skeletonema	38	0.1827		1185.75	18972
Abundance Genus		6 Chaetoceros	8	0.7735		0	6200
Abundance Genus		6 Thalassiosira	28	0.2028		0	0
Abundance Genus		6 Ceratium	14	0.6241		16.35	1225
Abundance Genus		6 Pseudo-nitzschia	50	0.0721		66.66666667	800
Abundance Genus		6 Dinophysis acuta	-26	0.2370		0	0
Abundance Genus		6 Dinophysis acuminata	-25	0.3796		-25	867
Abundance Genus		6 Dinophysis norvegica	-1	0.9720		0	1200
Abundance Genus		7 Skeletonema	-30	0.2460		-657.1428571	10540
Abundance Genus		7 Chaetoceros	0	1.0000		0	0
Abundance Genus		7 Thalassiosira	20	0.2391		0	0
Abundance Genus		7 Ceratium	-15	0.5699		-132.0833333	5475
Abundance Genus		7 Pseudo-nitzschia	37	0.1325		85.71428571	300
Abundance Genus		7 Dinophysis acuta	6	0.7529		0	0
Abundance Genus		7 Dinophysis acuminata	-7	0.7756		0	40
Abundance Genus		7 Dinophysis norvegica	-31	0.2403		-133.3333333	1879.5
Abundance Genus		8 Skeletonema	-4	0.8829		0	0
Abundance Genus		8 Chaetoceros	48	0.0659		0	0
Abundance Genus		8 Thalassiosira	12	0.5275		0	0
Abundance Genus		8 Ceratium	30	0.3304		349.1838235	8975
Abundance Genus		8 Pseudo-nitzschia	55	0.0555		11.80555556	50
Abundance Genus		8 Dinophysis acuta	39	0.1895		10.35714286	152
Abundance Genus		8 Dinophysis acuminata	40	0.1919		15.64052288	225
Abundance Genus		8 Dinophysis norvegica	-14	0.6482		-39.04545455	1150
Abundance Genus		9 Skeletonema	12	0.6457		0	0
Abundance Genus		9 Chaetoceros	44	0.1391		133.5164835	1950
Abundance Genus		9 Thalassiosira	-17	0.4651		0	0
Abundance Genus		9 Ceratium	-49	0.1117		-242.2	5175
Abundance Genus		9 Pseudo-nitzschia	46	0.1163		413.2142857	4000
Abundance Genus		9 Dinophysis acuta	55	0.0427	+	0	0
Abundance Genus		9 Dinophysis acuminata	-11	0.7017		0	45.5
Abundance Genus		9 Dinophysis norvegica	-14	0.5725		0	0
Abundance Genus		10 Skeletonema	25	0.4061		37.16883117	4025
Abundance Genus		10 Chaetoceros	67	0.0260	+	799	2436.5
Abundance Genus		10 Thalassiosira	6	0.8377		0	450
Abundance Genus		10 Ceratium	-52	0.0916		-238.75	3950
Abundance Genus		10 Pseudo-nitzschia	33	0.2389		0	0
Abundance Genus		10 Dinophysis acuta	28	0.3286		0	25.5
Abundance Genus		10 Dinophysis acuminata	-8	0.7877		0	51.5
Abundance Genus		10 Dinophysis norvegica	-33	0.1221		0	0
Abundance Genus		11 Skeletonema	4	0.8959		0	2200
Abundance Genus		11 Chaetoceros	50	0.0721		390.2777778	7025
Abundance Genus		11 Thalassiosira	-24	0.4000		-235.7142857	4288
Abundance Genus		11 Ceratium	-40	0.1614		-100	1650
Abundance Genus		11 Pseudo-nitzschia	37	0.1829		50	600
Abundance Genus		11 Dinophysis acuta	8	0.7537		0	0
Abundance Genus		11 Dinophysis acuminata	-14	0.6023		0	50
Abundance Genus		11 Dinophysis norvegica	-38	0.1043		0	0
Abundance Genus		12 Skeletonema	-47	0.0966		-480	2700
Abundance Genus		12 Chaetoceros	5	0.8309		0	0
Abundance Genus		12 Thalassiosira	0	1.0000		0	0
Abundance Genus		12 Ceratium	-67	0.0189	-	-58.76470588	600
Abundance Genus		12 Pseudo-nitzschia	41	0.1400		25	1000
Abundance Genus		12 Dinophysis acuta	-22	0.3160		0	0
Abundance Genus		12 Dinophysis acuminata	-21	0.1640		0	0
Abundance Genus		12 Dinophysis norvegica	-43	0.0663		0	0

Danafjord

Genus månadsvis Multivariate

Variable	Month	Genus	MK statistic	p-value (twosided)	Significance code	Slope (change/index)	Median
Abundance Genus		1 All categories	62	0.3350		0	90
Abundance Genus		2 All categories	204	0.0144	+		98.5
Abundance Genus		3 All categories	159	0.1336		0	400
Abundance Genus		4 All categories	-86	0.1245		0	82
Abundance Genus		5 All categories	83	0.3496		0	148.5
Abundance Genus		6 All categories	25	0.6811		0	600
Abundance Genus		7 All categories	-20	0.8460		0	200
Abundance Genus		8 All categories	-32	0.6574		0	150
Abundance Genus		9 All categories	13	0.8857		0	101
Abundance Genus		10 All categories	-14	0.9115		0	650
Abundance Genus		11 All categories	-14	0.8756		0	800
Abundance Genus		12 All categories	-2	0.9847		0	500
Abundance Genus	All categories	Skeletonema	214	0.0448	+	264	13740
Abundance Genus	All categories	Chaetoceros	147	0.0960		29.4	5719
Abundance Genus	All categories	Thalassiosira	102	0.1366		0	0
Abundance Genus	All categories	Ceratium	-235	0.0719		-12.5	750
Abundance Genus	All categories	Pseudo-nitzschia	587	0.0001	+++	119.375	1000
Abundance Genus	All categories	Dinophysis acuta	-162	0.1642		0	0
Abundance Genus	All categories	Dinophysis acuminata	95	0.3778		0	0
Abundance Genus	All categories	Dinophysis norvegica	-370	0.0211	-	-11.11111111	200
Abundance Genus	All categories	All categories	378	0.3543		0	204

Genus månadsvis Univariate

Variable	Month	Genus	MK statistic	p-value (twosided)	Significance code	Slope (change/index)	Median
Abundance Genus		1 Skeletonema	2	0.9025		12.5	4000
Abundance Genus		1 Chaetoceros	19	0.2204		3.452380952	50
Abundance Genus		1 Thalassiosira	10	0.5351		24.5	500
Abundance Genus		1 Ceratium	21	0.1970		20.2	204
Abundance Genus		1 Pseudo-nitzschia	33	0.0403	+	313	1200
Abundance Genus		1 Dinophysis acuta	-8	0.2850		0	0
Abundance Genus		1 Dinophysis acuminata	5	0.6234		0	0
Abundance Genus		1 Dinophysis norvegica	-20	0.2184		-10.55555556	102
Abundance Genus		2 Skeletonema	38	0.1169		1200.183333	12730
Abundance Genus		2 Chaetoceros	18	0.4551		60.86931818	2900
Abundance Genus		2 Thalassiosira	52	0.0197	+	15.43333333	0
Abundance Genus		2 Ceratium	19	0.4324		8.366883117	200
Abundance Genus		2 Pseudo-nitzschia	50	0.0289	+	116.25	200
Abundance Genus		2 Dinophysis acuta	-14	0.1530		0	0
Abundance Genus		2 Dinophysis acuminata	31	0.0212	+	0	0
Abundance Genus		2 Dinophysis norvegica	10	0.6748		0	100
Abundance Genus		3 Skeletonema	14	0.5641		27478.625	524035
Abundance Genus		3 Chaetoceros	40	0.0994		1880.909524	30958
Abundance Genus		3 Thalassiosira	23	0.3419		478.6230769	4284
Abundance Genus		3 Ceratium	12	0.6171		0.254464286	96.5
Abundance Genus		3 Pseudo-nitzschia	27	0.2646		120.7575758	1326
Abundance Genus		3 Dinophysis acuta	-14	0.1530		0	0
Abundance Genus		3 Dinophysis acuminata	51	0.0257	+	5.327777778	50
Abundance Genus		3 Dinophysis norvegica	6	0.8026		0	245
Abundance Genus		4 Skeletonema	-2	0.9384		0	3281.25
Abundance Genus		4 Chaetoceros	-11	0.6732		-22.22222222	1965
Abundance Genus		4 Thalassiosira	-2	0.9309		0	0
Abundance Genus		4 Ceratium	-13	0.6106		0	50.5
Abundance Genus		4 Pseudo-nitzschia	29	0.2384		0	750
Abundance Genus		4 Dinophysis acuta	-38	0.0253	-	0	0
Abundance Genus		4 Dinophysis acuminata	-31	0.2174		-4	70
Abundance Genus		4 Dinophysis norvegica	-18	0.4890		-7.692307692	125
Abundance Genus		5 Skeletonema	29	0.3103		941.5	12400
Abundance Genus		5 Chaetoceros	31	0.2582		13.36363636	1173
Abundance Genus		5 Thalassiosira	0	1.0000		0	0
Abundance Genus		5 Ceratium	-11	0.6921		0	150
Abundance Genus		5 Pseudo-nitzschia	78	0.0023	++	40.8	0
Abundance Genus		5 Dinophysis acuta	-32	0.1134		0	0
Abundance Genus		5 Dinophysis acuminata	-6	0.8314		0	200
Abundance Genus		5 Dinophysis norvegica	-6	0.8334		-3.266666667	450
Abundance Genus		6 Skeletonema	14	0.5641		3827.303419	182750
Abundance Genus		6 Chaetoceros	-56	0.0201	-	-606.7857143	2200
Abundance Genus		6 Thalassiosira	4	0.8367		0	0
Abundance Genus		6 Ceratium	8	0.7417		12.04017857	1078
Abundance Genus		6 Pseudo-nitzschia	32	0.1842		267.3571429	7829
Abundance Genus		6 Dinophysis acuta	15	0.2649		0	0
Abundance Genus		6 Dinophysis acuminata	33	0.1665		6.908653846	200
Abundance Genus		6 Dinophysis norvegica	-25	0.3027		-23.07142857	440
Abundance Genus		7 Skeletonema	-8	0.7791		-1199.333333	48985
Abundance Genus		7 Chaetoceros	18	0.5216		25.5	4400
Abundance Genus		7 Thalassiosira	32	0.1134		0	0
Abundance Genus		7 Ceratium	-57	0.0461	-	-137.5	1550
Abundance Genus		7 Pseudo-nitzschia	41	0.0800		0	0
Abundance Genus		7 Dinophysis acuta	-18	0.3732		0	0
Abundance Genus		7 Dinophysis acuminata	0	1.0000		0	0
Abundance Genus		7 Dinophysis norvegica	-28	0.3244		-16.55555556	250
Abundance Genus		8 Skeletonema	19	0.5018		231	13900
Abundance Genus		8 Chaetoceros	36	0.2068		5437	121423
Abundance Genus		8 Ceratium	-80	0.0051	--	-224.9	2300
Abundance Genus		8 Pseudo-nitzschia	62	0.0184	+	56.33333333	0
Abundance Genus		8 Dinophysis acuta	-7	0.6972		0	0
Abundance Genus		8 Dinophysis acuminata	-5	0.8446		0	0
Abundance Genus		8 Dinophysis norvegica	-57	0.0402	-	-21.42857143	250
Abundance Genus		9 Skeletonema	62	0.0343	+	1710	11280
Abundance Genus		9 Chaetoceros	18	0.5557		202.85	21308
Abundance Genus		9 Thalassiosira	-6	0.7521		0	0
Abundance Genus		9 Ceratium	-64	0.0379	-	-182.8	1350
Abundance Genus		9 Pseudo-nitzschia	109	0.0002	+++	300	785
Abundance Genus		9 Dinophysis acuta	-32	0.2531		0	0
Abundance Genus		9 Dinophysis acuminata	2	0.9462		0	50.5
Abundance Genus		9 Dinophysis norvegica	-76	0.0066	--	-11.25	0
Abundance Genus		10 Skeletonema	34	0.2530		123.75	5109
Abundance Genus		10 Chaetoceros	-9	0.7702		-428.9529915	41181.5
Abundance Genus		10 Thalassiosira	13	0.6619		0	250
Abundance Genus		10 Ceratium	-44	0.1524		-210.4166667	3350
Abundance Genus		10 Pseudo-nitzschia	25	0.4164		441.3194444	16750
Abundance Genus		10 Dinophysis acuta	-18	0.5203		0	0
Abundance Genus		10 Dinophysis acuminata	15	0.6138		0	75.5
Abundance Genus		10 Dinophysis norvegica	-30	0.3186		-6.904761905	125
Abundance Genus		11 Skeletonema	31	0.1979		673.3636364	11700
Abundance Genus		11 Chaetoceros	26	0.2806		665	8615
Abundance Genus		11 Thalassiosira	4	0.8689		5.292307692	1600
Abundance Genus		11 Ceratium	-34	0.1606		-98.75	1100
Abundance Genus		11 Pseudo-nitzschia	38	0.1123		1020.833333	14000
Abundance Genus		11 Dinophysis acuta	-13	0.5760		0	100
Abundance Genus		11 Dinophysis acuminata	-17	0.4657		0	100
Abundance Genus		11 Dinophysis norvegica	-49	0.0404	-	-48.578125	400
Abundance Genus		12 Skeletonema	-19	0.5040		-166.6666667	6324
Abundance Genus		12 Chaetoceros	17	0.5479		66.66666667	4770
Abundance Genus		12 Thalassiosira	-28	0.3262		-175	2500
Abundance Genus		12 Ceratium	8	0.7794		16.3125	1071
Abundance Genus		12 Pseudo-nitzschia	63	0.0193	+	828.5714286	2500
Abundance Genus		12 Dinophysis acuta	17	0.5178		0	0
Abundance Genus		12 Dinophysis acuminata	17	0.5052		0	0
Abundance Genus		12 Dinophysis norvegica	-77	0.0049	--	-36.36363636	100

Anholt E

Genus månadsvis Multivariate

Variable	Month	Genus	MK statistic	p-value (twosided)	Significance code	Slope (change/index)	Median
Abundance Genus		1 All categories	3	0.9649		0	223.75
Abundance Genus		2 All categories	114	0.0728		0	655.5
Abundance Genus		3 All categories	1	0.9820		0	80
Abundance Genus		4 All categories	-33	0.6381		0	202.75
Abundance Genus		5 All categories	-87	0.1470		0	76.5
Abundance Genus		6 All categories	-138	0.0425	-	0	60
Abundance Genus		7 All categories	-121	0.0245	-	0	0
Abundance Genus		8 All categories	-93	0.1435		0	77.5
Abundance Genus		9 All categories	-97	0.1091		-5.079365079	252
Abundance Genus		10 All categories	-66	0.2759		-12.125	975
Abundance Genus		11 All categories	-23	0.7263		0	849.5
Abundance Genus		12 All categories	11	0.8794		0	600
Abundance Genus	All categories	Skeletonema	86	0.1989		0	5968
Abundance Genus	All categories	Chaetoceros	-101	0.0882		-229.2544643	9565.5
Abundance Genus	All categories	Thalassiosira	-57	0.1982		0	148
Abundance Genus	All categories	Ceratium	-218	0.0246	-	-37.66666667	645
Abundance Genus	All categories	Pseudo-nitzschia	392	0.0014	++	633.7291667	2800
Abundance Genus	All categories	Dinophysis acuta	-171	0.0195	-	0	0
Abundance Genus	All categories	Dinophysis acuminata	-165	0.0417	-	0	0
Abundance Genus	All categories	Dinophysis norvegica	-295	0.0086	--	-15	100
Abundance Genus	All categories	All categories	-529	0.0517		0	200

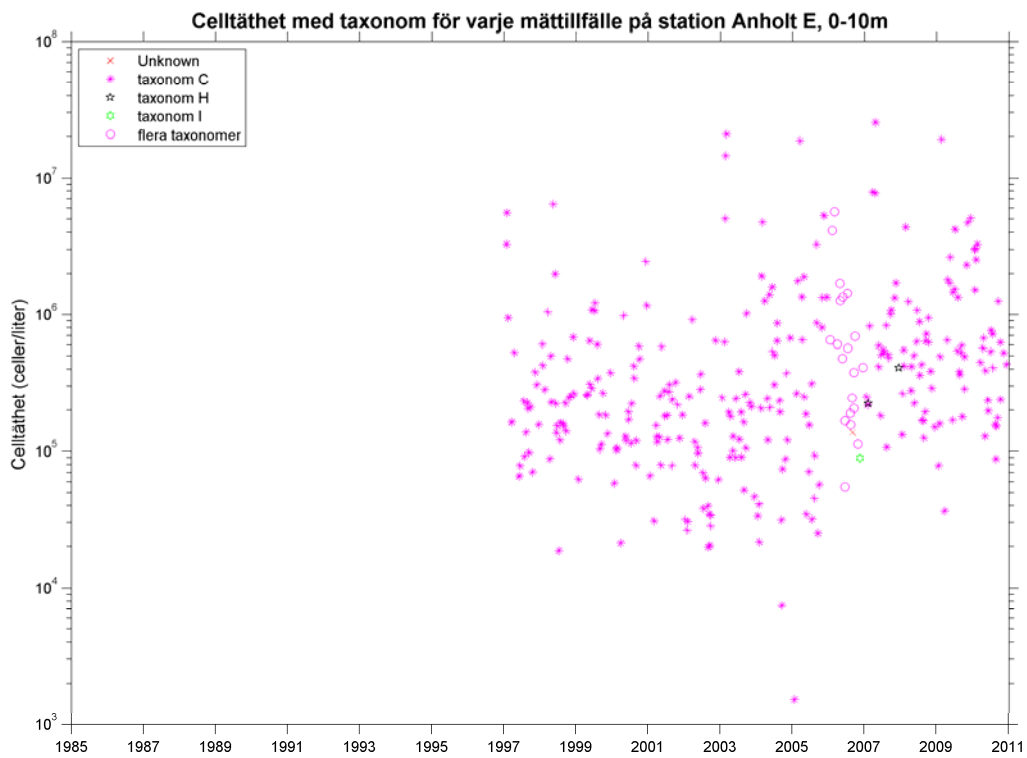
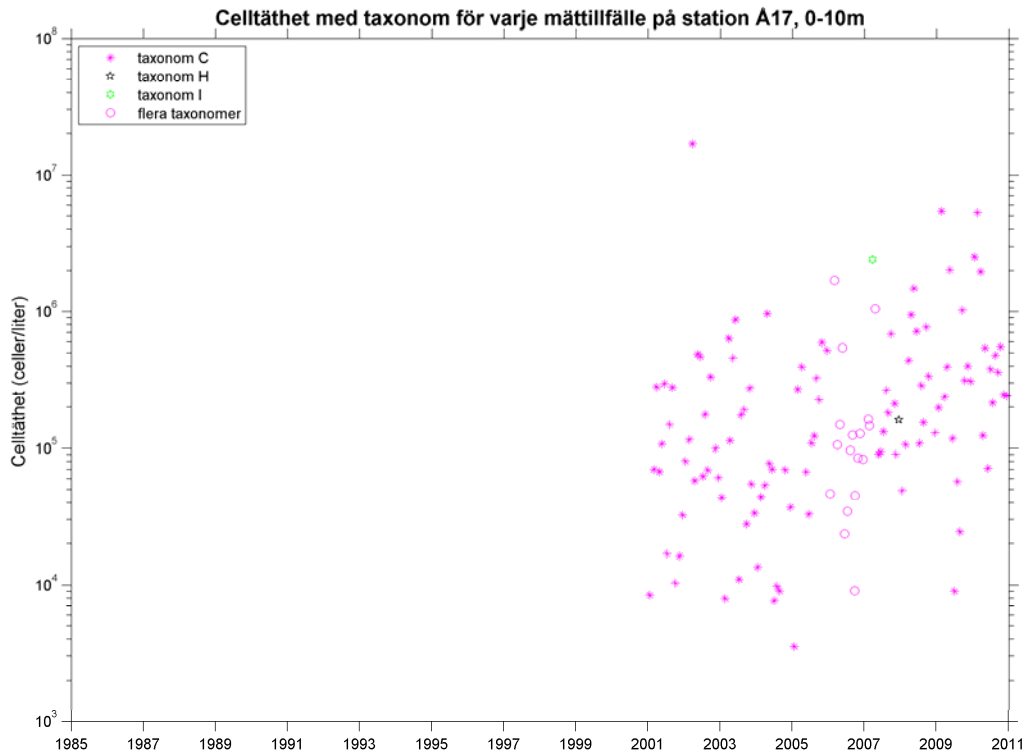
Genus månadsvis Univariate

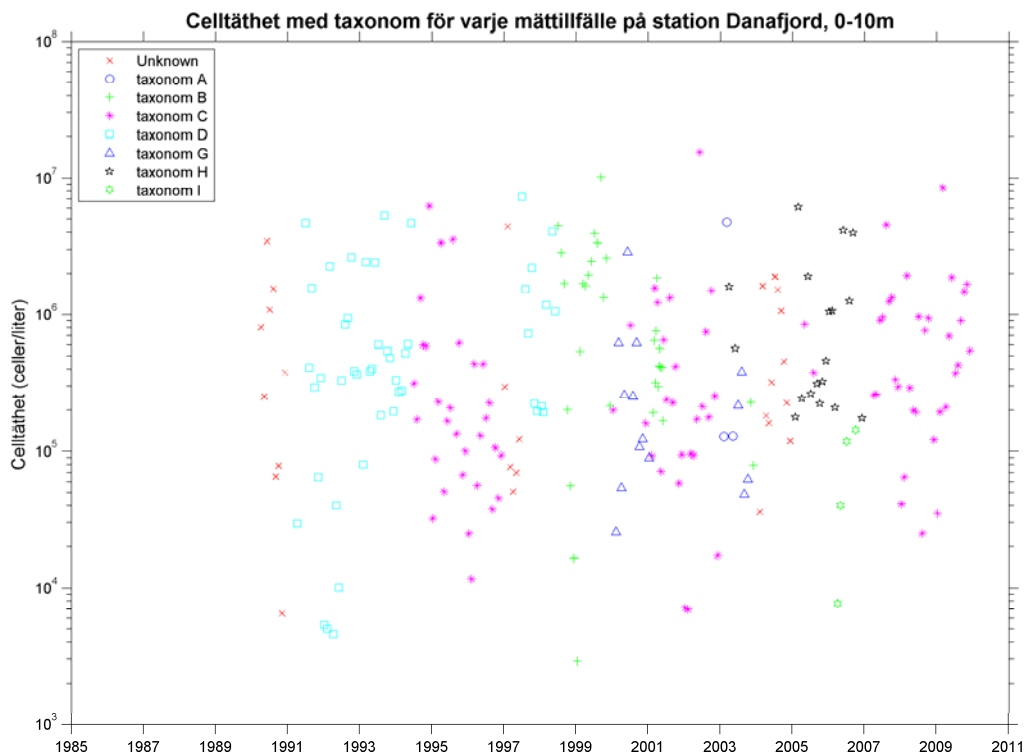
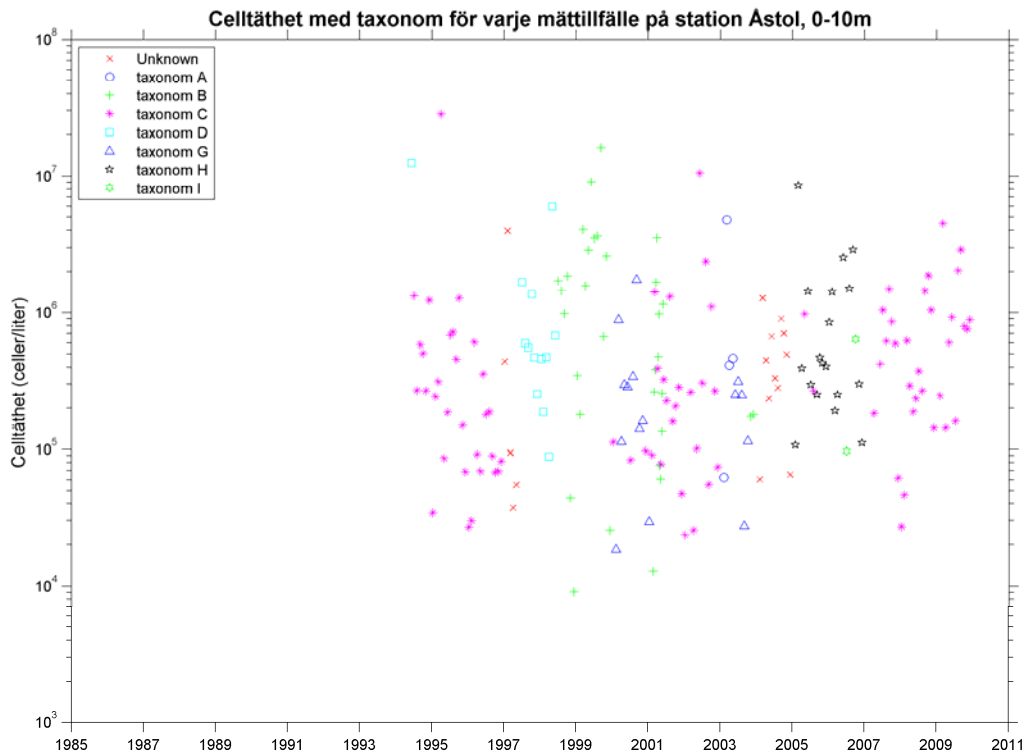
Variable	Month	Genus	MK statistic	p-value (twosided)	Significance code	Slope (change/index)	Median
Abundance Genus		1 Skeletonema	26	0.1524		1512	10268
Abundance Genus		1 Chaetoceros	-33	0.0708		-893.3333333	5716
Abundance Genus		1 Thalassiosira	-13	0.4753		-118	1089
Abundance Genus		1 Ceratium	-1	0.9562		0	204
Abundance Genus		1 Pseudo-nitzschia	35	0.0522		1536	3077
Abundance Genus		1 Dinophysis acuta	0	1.0000		0	0
Abundance Genus		1 Dinophysis acuminata	2	0.9026		0	0
Abundance Genus		1 Dinophysis norvegica	-13	0.4708		-6.666666667	50.5
Abundance Genus		2 Skeletonema	42	0.0104	+	133272.6563	539598
Abundance Genus		2 Chaetoceros	0	1.0000		-8.165178571	40000
Abundance Genus		2 Thalassiosira	12	0.4641		1623.939394	25626
Abundance Genus		2 Ceratium	1	0.9510		0	152
Abundance Genus		2 Pseudo-nitzschia	48	0.0034	++	2036.3	6936
Abundance Genus		2 Dinophysis acuminata	10	0.4518		0	0
Abundance Genus		2 Dinophysis norvegica	1	0.9486		0	75
Abundance Genus		3 Skeletonema	2	0.8997		0	28800
Abundance Genus		3 Chaetoceros	25	0.1246		11119.38889	21698
Abundance Genus		3 Thalassiosira	-10	0.5287		-11	1358
Abundance Genus		3 Ceratium	-32	0.0472	-	-37.39285714	150
Abundance Genus		3 Pseudo-nitzschia	23	0.1379		52.71428571	300
Abundance Genus		3 Dinophysis acuminata	-7	0.6402		0	0
Abundance Genus		3 Dinophysis norvegica	0	1.0000		0	75
Abundance Genus		4 Skeletonema	16	0.3784		1339.25	12725
Abundance Genus		4 Chaetoceros	-31	0.0897		-1202.25	8389.25
Abundance Genus		4 Thalassiosira	-28	0.1091		-72	228.75
Abundance Genus		4 Ceratium	-11	0.5458		-6.272727273	133.5
Abundance Genus		4 Pseudo-nitzschia	29	0.1077		572.1428571	2450
Abundance Genus		4 Dinophysis acuta	-10	0.4413		0	0
Abundance Genus		4 Dinophysis acuminata	-7	0.6969		0	110
Abundance Genus		4 Dinophysis norvegica	9	0.6222		7	235
Abundance Genus		5 Skeletonema	4	0.8011		0	2448
Abundance Genus		5 Chaetoceros	-15	0.3592		-219.6607143	1728
Abundance Genus		5 Thalassiosira	4	0.5930		0	0
Abundance Genus		5 Ceratium	-42	0.0104	-	-91.79166667	280.5
Abundance Genus		5 Pseudo-nitzschia	21	0.1609		4.545454545	0
Abundance Genus		5 Dinophysis acuta	-7	0.4918		0	0
Abundance Genus		5 Dinophysis acuminata	-19	0.2304		-12.58333333	40
Abundance Genus		5 Dinophysis norvegica	-33	0.0437	-	-75.75	127.5
Abundance Genus		6 Skeletonema	-22	0.1959		-148.875	2020
Abundance Genus		6 Chaetoceros	-13	0.4708		-273.625	3615.5
Abundance Genus		6 Thalassiosira	5	0.6494		0	0
Abundance Genus		6 Ceratium	-31	0.0897		-45	645
Abundance Genus		6 Pseudo-nitzschia	22	0.1959		18	178.5
Abundance Genus		6 Dinophysis acuta	-17	0.1222		0	0
Abundance Genus		6 Dinophysis acuminata	-50	0.0033	--	-33.33333333	40
Abundance Genus		6 Dinophysis norvegica	-32	0.0671		-23.45454545	121
Abundance Genus		7 Skeletonema	-14	0.3325		0	0
Abundance Genus		7 Chaetoceros	-24	0.1696		-292	495.25
Abundance Genus		7 Ceratium	-25	0.1711		-115.75	1275
Abundance Genus		7 Pseudo-nitzschia	18	0.2127		0	0
Abundance Genus		7 Dinophysis acuta	-14	0.2810		0	0
Abundance Genus		7 Dinophysis acuminata	-26	0.0719		0	0
Abundance Genus		7 Dinophysis norvegica	-36	0.0343	-	-8	25
Abundance Genus		8 Skeletonema	-10	0.4888		0	0
Abundance Genus		8 Chaetoceros	-8	0.6609		-146	2496.75
Abundance Genus		8 Thalassiosira	-14	0.2810		0	0
Abundance Genus		8 Ceratium	-31	0.0897		-158.75	1766
Abundance Genus		8 Pseudo-nitzschia	52	0.0022	++	215.3846154	49
Abundance Genus		8 Dinophysis acuta	-19	0.2216		0	0
Abundance Genus		8 Dinophysis acuminata	-10	0.5671		0	71
Abundance Genus		8 Dinophysis norvegica	-53	0.0024	--	-30	49
Abundance Genus		9 Skeletonema	-3	0.8412		0	0
Abundance Genus		9 Chaetoceros	1	0.9510		0	13150
Abundance Genus		9 Thalassiosira	-28	0.0496	-	-1.818181818	0
Abundance Genus		9 Ceratium	-5	0.7599		-45.25	1632
Abundance Genus		9 Pseudo-nitzschia	42	0.0104	+	8348.5	16320
Abundance Genus		9 Dinophysis acuta	-32	0.0386	-	-11.70940171	100
Abundance Genus		9 Dinophysis acuminata	-18	0.2446		-8.712121212	100
Abundance Genus		9 Dinophysis norvegica	-54	0.0009	---	-50	102
Abundance Genus		10 Skeletonema	21	0.1970		1304.8	9200
Abundance Genus		10 Chaetoceros	-2	0.9029		-133.7708333	18750
Abundance Genus		10 Thalassiosira	11	0.4992		25.3	455
Abundance Genus		10 Ceratium	-24	0.1431		-251.6666667	1530
Abundance Genus		10 Pseudo-nitzschia	38	0.0204	+	14627.35	47600
Abundance Genus		10 Dinophysis acuta	-44	0.0064	--	-50.75	151.5
Abundance Genus		10 Dinophysis acuminata	-27	0.0714		-11.225	0
Abundance Genus		10 Dinophysis norvegica	-39	0.0166	-	-24.58333333	160
Abundance Genus		11 Skeletonema	16	0.3290		2810.5	23020
Abundance Genus		11 Chaetoceros	-2	0.9029		-358.3333333	23600
Abundance Genus		11 Thalassiosira	0	1.0000		-10.25	2304
Abundance Genus		11 Ceratium	-16	0.3290		-92.6	1300
Abundance Genus		11 Pseudo-nitzschia	38	0.0204	+	20863.875	38164
Abundance Genus		11 Dinophysis acuta	-21	0.1755		-9.545454545	49
Abundance Genus		11 Dinophysis acuminata	-13	0.3608		0	0
Abundance Genus		11 Dinophysis norvegica	-25	0.1146		-28.58333333	153
Abundance Genus		12 Skeletonema	8	0.6609		594.8	23095
Abundance Genus		12 Chaetoceros	1	0.9563		33	11971.5
Abundance Genus		12 Thalassiosira	4	0.8264		17.63636364	4857.5
Abundance Genus		12 Ceratium	-1	0.9563		-4.545454545	840
Abundance Genus		12 Pseudo-nitzschia	26	0.1540		10459.75	97650.5
Abundance Genus		12 Dinophysis acuta	-7	0.6680		0	0
Abundance Genus		12 Dinophysis acuminata	0	1.0000		0	0
Abundance Genus		12 Dinophysis norvegica	-20	0.2585		-8	101

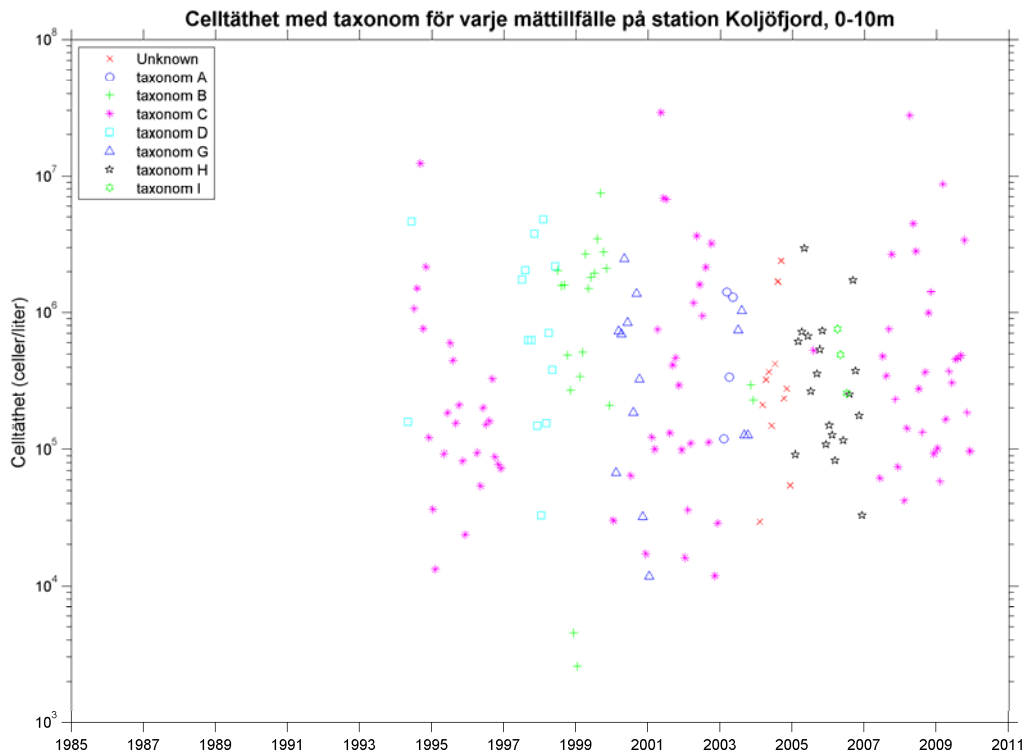
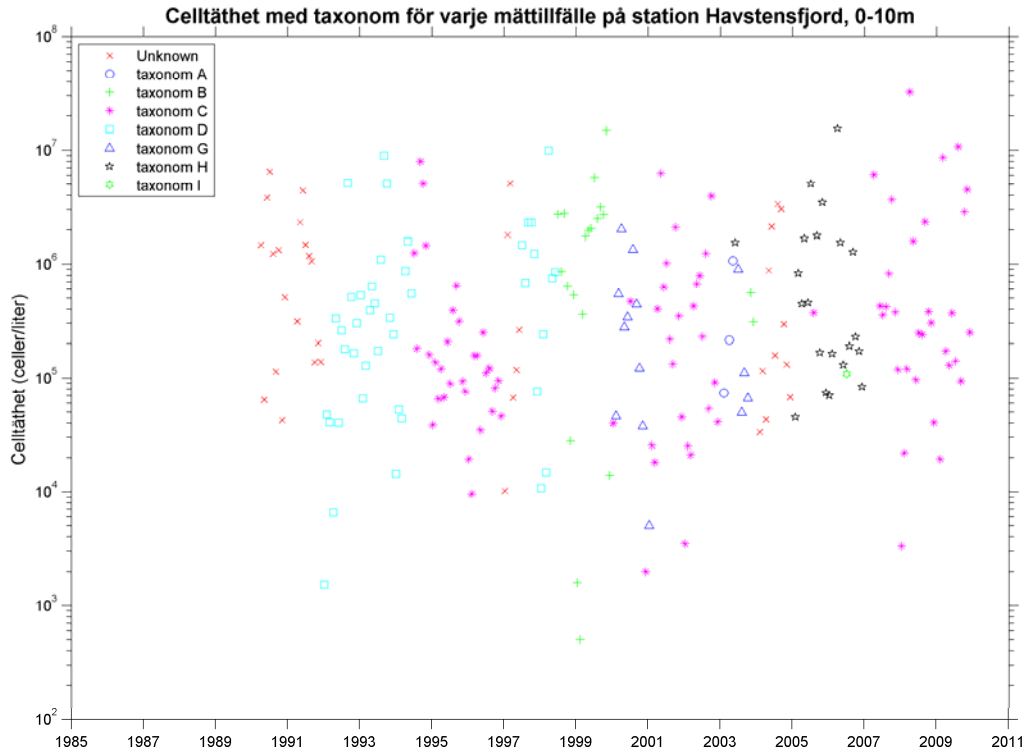
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Typområde	Station	jan	feb	mar	apr	maj	jun	jul	aug	sep	okt	nov	dec		
Utsjö	Anholt E		+	+							+		+	+	1997-2010
Utsjö	N14 Falkenberg		++				+								1993-2001, 2007-2010
Utsjö	Å17	+	+										+		2001-2010
1s	Danafjord		++	++	+	+++	++	+	++	++	++	++	+	+++	1990-2009
2	Havstensfjord	+			++				+++	+	+++	+		++	1990-2009
2	Koljöfjord	+		+		+		++	+	++	++	+		++	1994-2009
2	Släggö	+++	+++	++	++	++	+	+	+++	+++	+++	+	++	+++	1990-1996, 2000-2010 (1986-2010, 80-talet är ej medtaget pga osäkra data)
3	Kosterfjorden (NR16)	++	++	+++			++			+++	+	+	+	+++	1990-2009
3	Stretudden								+	+				+	2000-2009
3	Åstol		+	+		+			++	++	++	++		++	1994-2009
4	N7 Ost Nidingen	++	++	+++	+	+++	++		++	++	++	+	++	+++	1993-2010
5	L9 Laholmsbukten	+	+++	++	++	++	+	+++	+	+++	++	+	++	+++	1993-2010
5	ÖVF 1:1 Höganäs		+	+		++	++		++	+++	+	++		+++	1997-2010
6	ÖVF 3 Lundåkra														1990-2010 (1985-2010, 80-talet är ej medtaget pga osäkra data)
6	ÖVF 4:8 Lomma	+	++	++	+	++	+		+++	++	++	++	+	+++	1997-2010
7	ÖVF 5:2 Höllviken		+	+++	++		++	+		++	++	++	++	+++	1997-2010

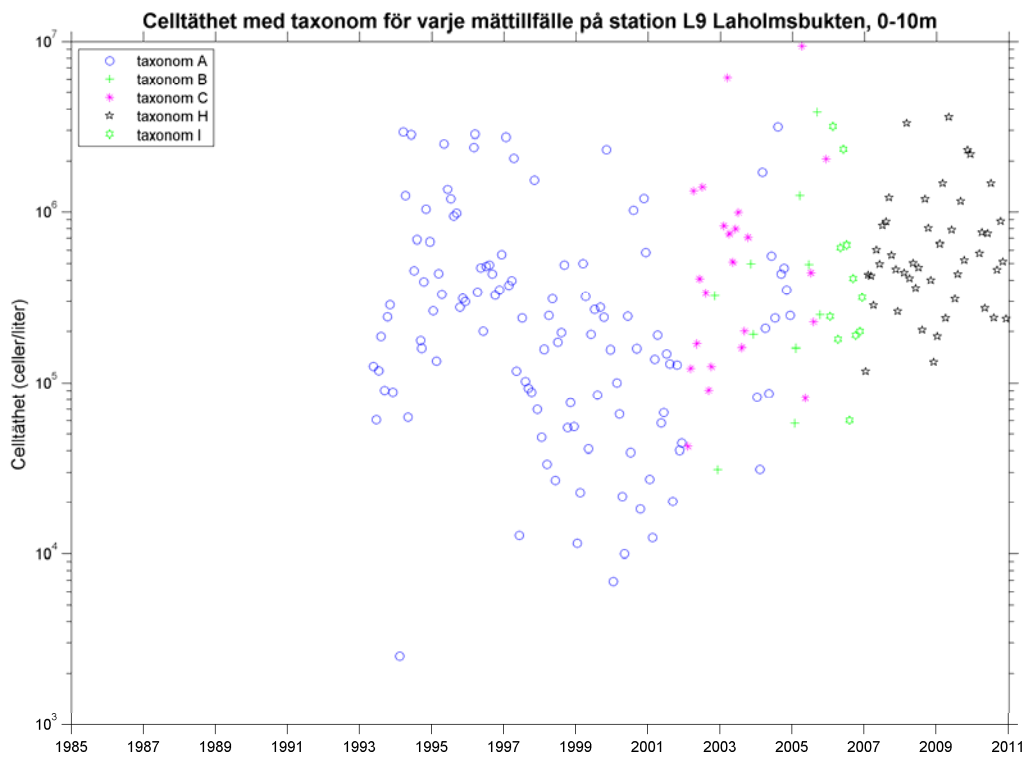
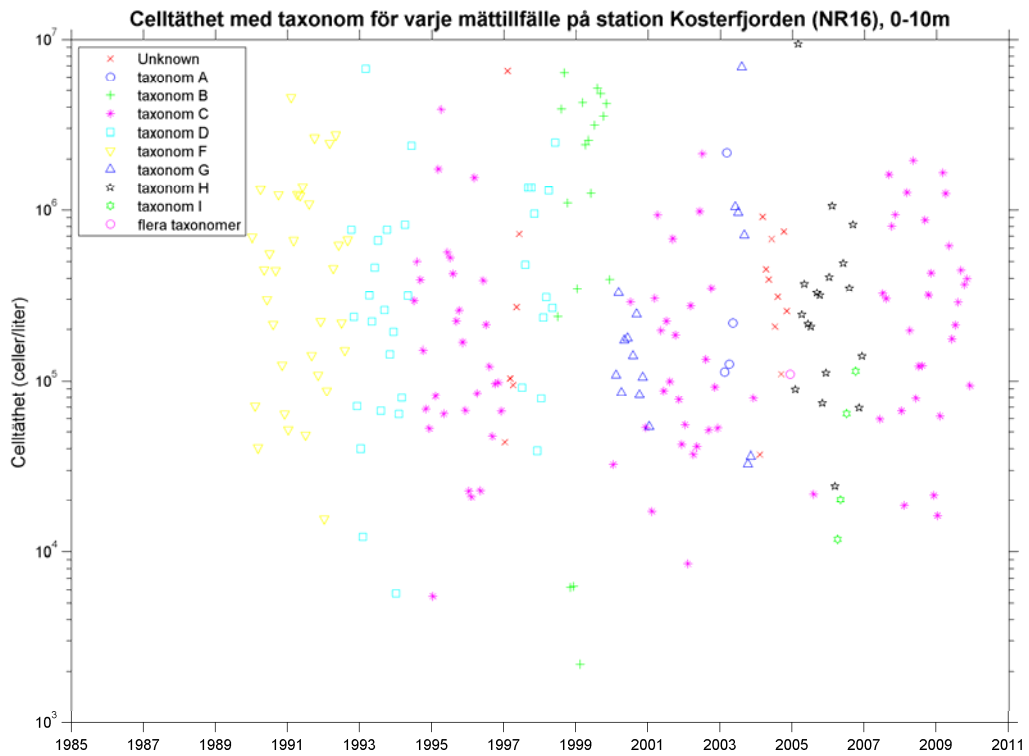
Celltäthet. Alla data inklusive unicells and flagellates																
Typområde	Station	jan	feb	mar	apr	maj	jun	jul	aug	sep	okt	nov	dec	Totalt	tidsserie	
Utsjö	Anholt E		+													1997-2010
Utsjö	N14 Falkenberg			--	-	-	--	--	--	-	-		-	--		1993-2001, 2007-2010
Utsjö	Å17															2001-2010
1s	Danafjord		-		-				-				-	-		1990-2009
2	Havstensfjord		--							-			-			1990-2009
2	Koljöfjord		--					-	-					-		1994-2009
2	Släggö						-	-	---		-					1990-1996, 2000-2010 (1986-2010, 80-talet är ej medtaget pga osäkra data)
3	Kosterfjorden (NR16)															1990-2009
3	Stretudden				-			-								2000-2009
3	Åstol							--								1994-2009
4	N7 Ost Nidingen	-	-	-	-	---	--	---	--	--	---	--	-	---		1993-2010
5	L9 Laholmsbukten	--	-		--	--	--	---	---	-	--	--	--	---		1993-2010
5	ÖVF 1:1 Höganäs					-		-	-					-		1997-2010
6	ÖVF 3 Lundåkra				+	--	-		--				-	-		1990-2010 (1985-2010, 80-talet är ej medtaget pga osäkra data)
6	ÖVF 4:8 Lomma						-			-			-	-		1997-2010
7	ÖVF 5:2 Höllviken										-	-				1997-2010

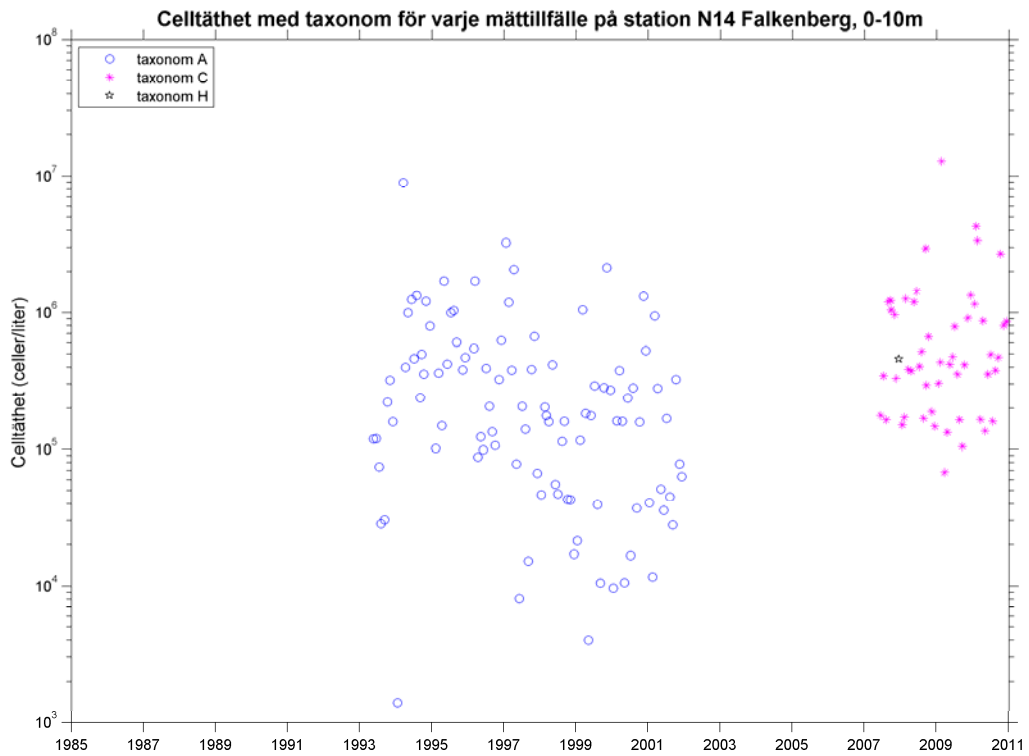
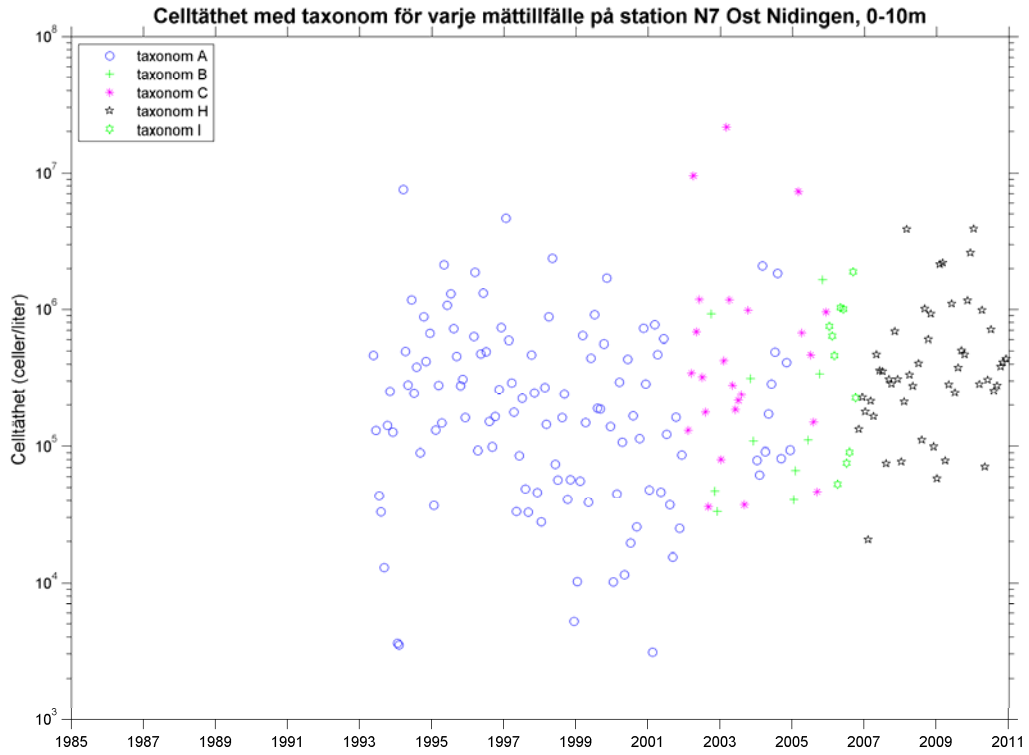
Appendix 2c – loggade tidsserier med taxonom

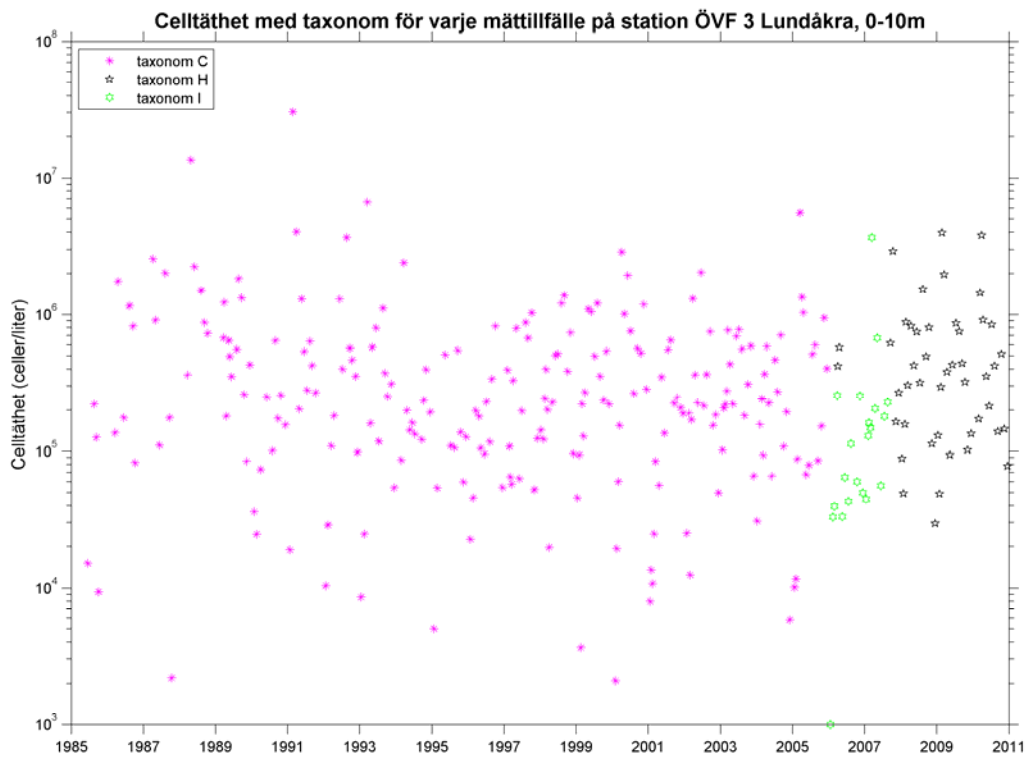
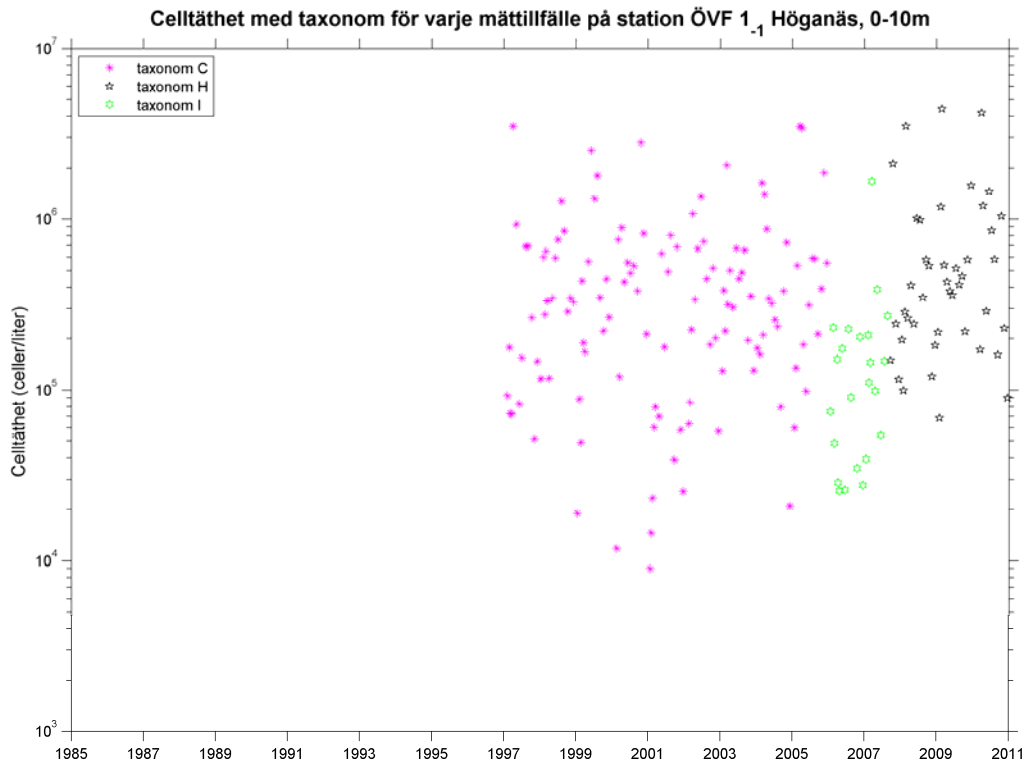


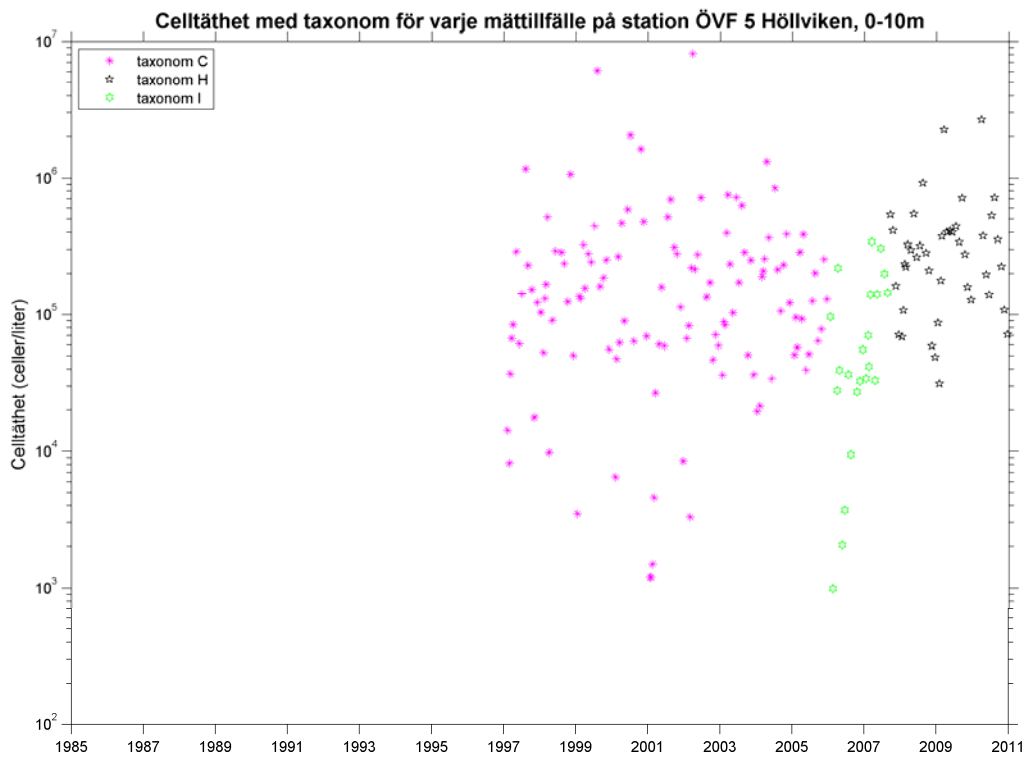
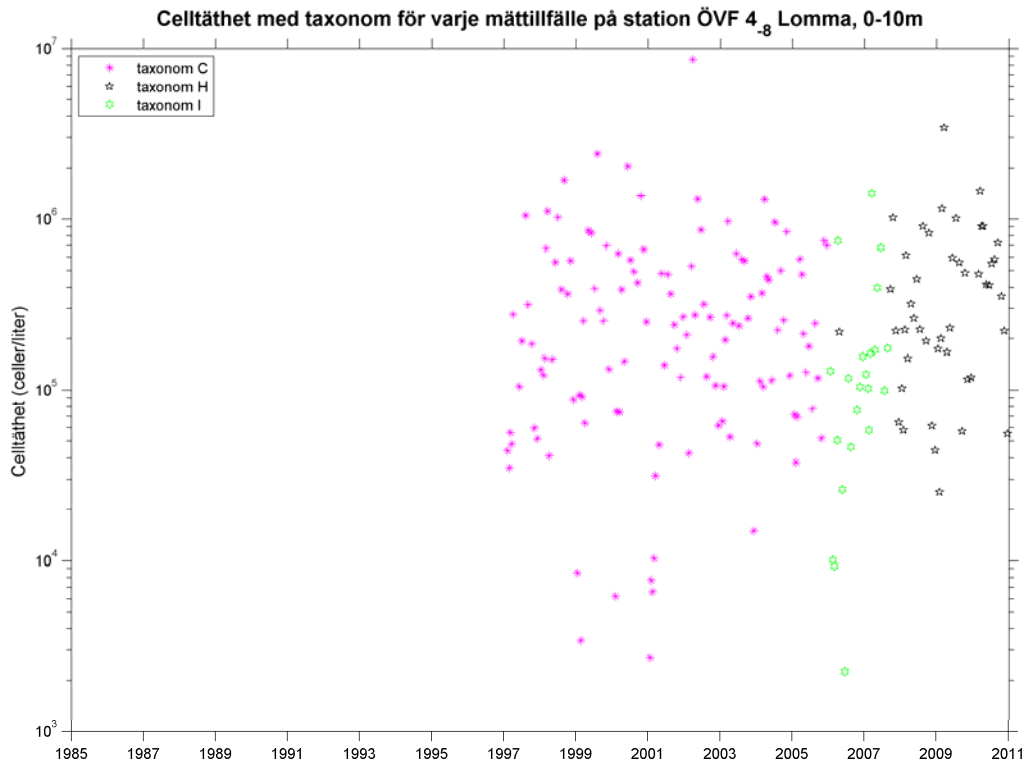


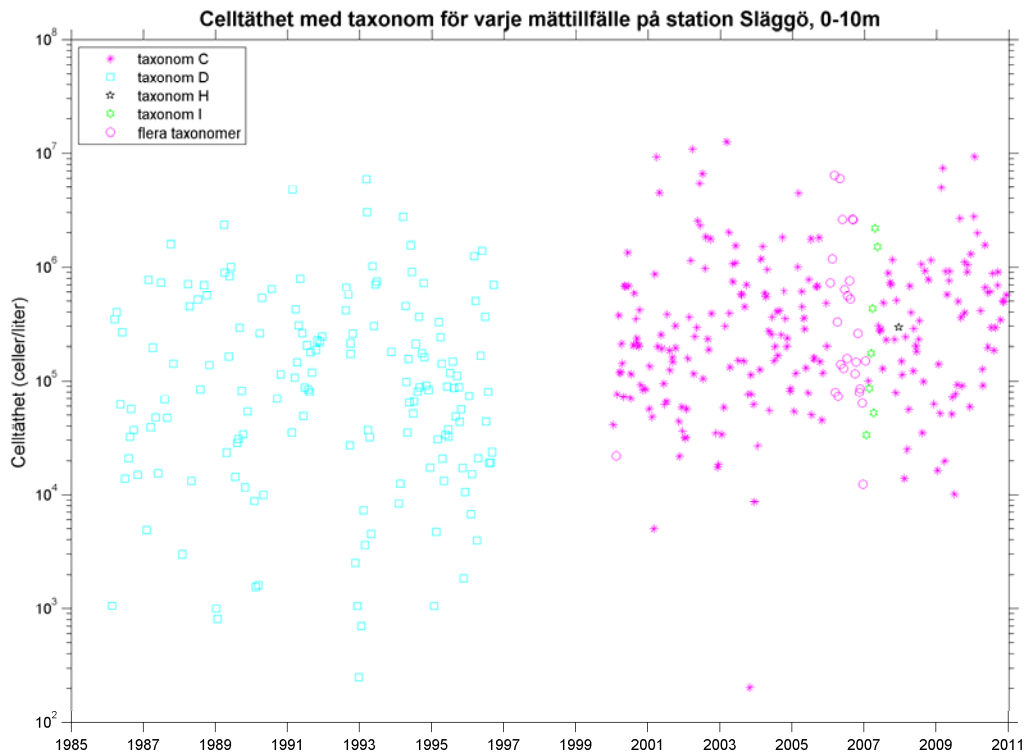
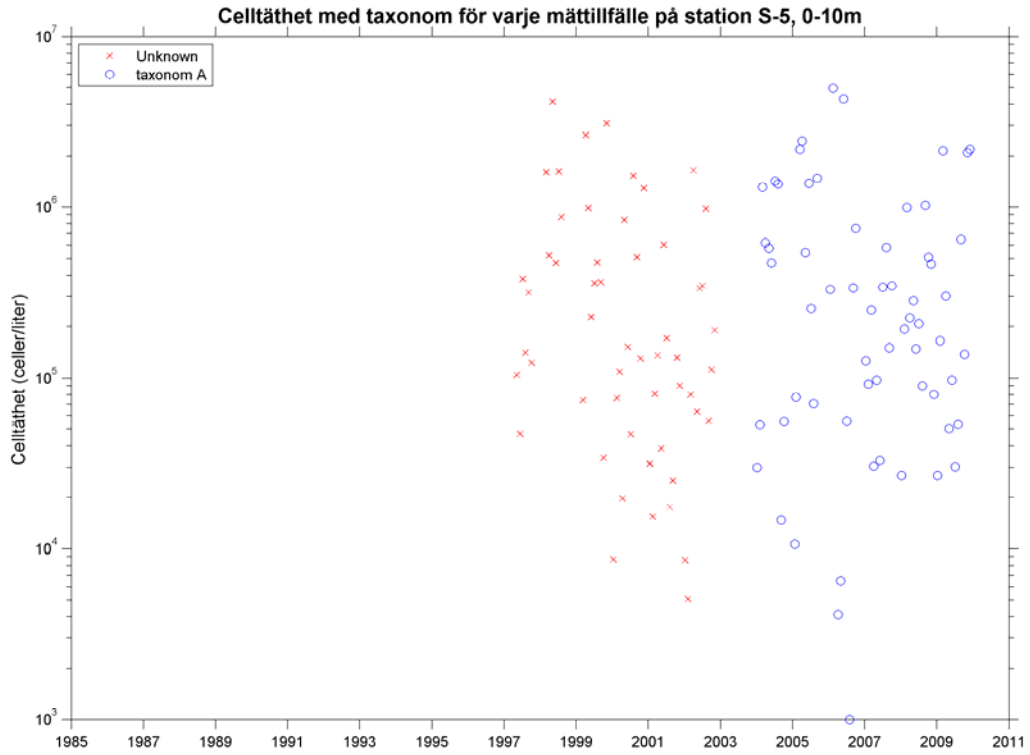












Celltäthet med taxonom för varje mätillfälle på station Stretudden, 0-10m

