

Limit check file: **No limit check**
 Weight basis: **"ORIGINAL"**
 Table sorted by: **Specie, Tissue, Locality (Predefined sequence), Catchment date, Sample type (Individual, Bulked, Homegenate)**

NOTES:

- ☞ The detection limit given here are approximations based on 3 times the standard deviation of the "blank" or near zero concentration of a solution. Day to day variations in the analytical instrument may lead to different detection limits.
- ☞ Method codes are explained in: Green, N.W., 2001. Joint Assessment and Monitoring Programme (JAMP). Overview of Analytical Methods 1981-2000. NIVA report 4353-2001, project 80106.
- ☞ NB! The numeric values shown have been printed with a FIXED number of digits, and do not necessarily indicate analytical precision.
- ☞ If a numeric value is suspect (ie. prefixed with "s"), the value is ignored in parameter statistics unless all observations are suspect. If a value can not be converted to basis for the table, the value is printed in the original basis but not included in any parameter statistics unless all values are in the original basis.
- ☞ For "S" variables (e.g. CB_S7, DD_S4, etc) all the "<"-values (less than the detection limit) are counted only once. If two or more different "<"-values are present, the maximum of the least questionable (suspect) "<"-value is used.
 "S" variables:
 CB_S4 = sum of CB77, -81, -126, -169
 CB_S7 = sum of CB28, -52, -101, -118, -138, -153, -180
 CB_SS = sum of all PCB congeners
 DD_S4 = sum of ppDDT, ppDDE, ppDDD, ppDDT+ppDDE (the latter does not occur when DDT and DDE are measured individually)
 DD_SS = sum of all DDTs and metabolites
 HC_S2 = sum of alpha- and gamma-HCH
 HC_S3 = sum of alpha-, beta- and gamma-HCH
 DI_S = sum of dicyclic "PAHs"
 P_S = sum of PAHs
 PK_S = sum of carcinogen PAHs
- ☞ If replicates are analyzed, the mean value of the replicates is counted in parameter statistics.
- ☞ A value prefixed with "<<" indicates that the number of "<" values is greater or equal to 25% of computed observations. The corresponding standard deviation is prefixed with the character "~" if any "<" value is included.
- ☞ Footnotes consist of 4 parts:
 1: r a/A)
 re or after numbers.
 reference to "a" or "A".
 2: hesis)
 3: r ">"
 ER numeric values.
 4: ation
- F The "No.Fo.Ri." column show the status defined for NORMAL, FOOD and RISKY limits in the contaminants, respectively. Each of these may be expressed in a w(et), d(ry) and l(ipid) basis indicated by three characters, respectively, below the limit type. Each character may be qualified three ways:
 "+" : Limit is defined
 "?": Limit is uncertain
 "." : Limit is undefined
- F Comparison to NORMAL and FOOD limits (values suffixed with (N, F and NF):

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Where limits are given in more than one basis, the displayed value is compared first to limit with the same basis (wet or dry).

If this is undefined, the value compared to the limit in the other basis (wet or dry).

If neither is defined, the value is compared to the limit in a lipid basis (assuming conversion is possible).

F NC indicates that value is in another basis which can not be converted to basis used in this table

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J26 Oslofjorden** Tissue: All
 Locality : **30B Oslo City area** Latitude: 59°49N Longitude: 10°33
 Catch,date : **20021011** Count: Sample type: **Individual**

Analytical lab. =>				NIVA		NIVA		NIVA		NIVA		NIVA		NIVA	
Analysis code =>				metan		metan		metan		metan		metan		metan	
Detection limit => Mean				2		2		2		2		2		2.00	
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngt mm	weight g	Dry %	Fat %	EXLIP (LI) %	PROTV (BL) mg/mL w.wt	PROTV (LICYT) mg/mL w.wt	PROTV (LIMIC) mg/mL w.wt	ALAD (BL) 'min/mg protein	EROD (LI) mol/min/mg pro	MT (LI) ug/mg protein	
1/1	F	5	21	24	775,4	420,0	55,4	45	44.52	9.048	2.422	6.881	93.5	15.25	
2/1	M	5	2	8	811,6	445,0	27,0	8.8	38.83	16.82	4.814	7.76	8.853	11.57	
3/1	F	4	9	15	685,0	400,0	56,6	8.8	57.53	9.28	3.236	7.616	179	12.4	
4/1	X	3	0	12	530,2	380,0	61,4	55	52.31	11.12	2.573	11.43	152.3	4.474	
5/1	M	4		15	722,9	430,0	39,5	21	38.87	9.552	3.327	9.285	153.2	7.407	
6/1	M	2	0	4	345,0	330,0	40,2	23	53.99	9.628	2.582	6.827	108.8	7.028	
7/1	F	3	1	4	423,7	350,0	35,6	17	48.1	19.7	8.806	10.71	60.82	5.107	
8/1	F	7	27	36	2008,0	570,0	40,5	26	39.56	8.758	2.673	13.62	114.8	11.93	
9/1	F	5	10	23	1044,0	470,0	52,5	38	44.4	11.25	3.711	9.199	298.6	6.214	
10/1	M	4	9	27	668,7	400,0	68,2	60	36.5	8.16	2.929	9.043	118.2	14.03	
11/1	M	4	4	18	736,0	430,0	59,6	55	34.64	11.82	3.092	11.96	168	12.67	
12/1	M	4	2	24	597,6	400,0	68,8	61	56.62	7.788	2.335	12.12	75.76	14	
13/1	F	7	6	16	1592,0	580,0	29,3	14	48.52	14.65	4.45	10.4	87.98	19.54	
14/1	F	3	3	9	585,7	380,0	54,9	41	47.55	14.64	3.487	9.355	255.7	7.613	
15/1	M	5	3	29	1126,0	470,0	56,4	45	43.93	8.894	2.797	8.182	125	15.89	
16/1	M	9	12	49	2969,0	660,0	44,1	27	53.36	12.92	4.068	11.64	105.9	16.95	
17/1	M	3	1	13	567,0	380,0	59,8	53	42.77	9.372	2.582	14.35	191.1	8.95	
18/1	M	3	1	5	411,8	350,0	43,6	28	35.88	9.938	3.583	8.343	342.1	9.112	
19/1	M	3	2	7	586,5	405,0	35,8	20	55.14	18.62	6.743	8.855	188.7	8.352	
20/1	F	4	9	25	863,0	430,0	57,4	47	42.51	9.048	2.737	14.72	197.5	13.14	
21/1	M	4	6	25	747,0	410,0	70,0	62	37.56	5.124	1.425	12.98	157.9	10.47	
22/1	M	3	0	5	499,0	380,0	29,1	12	44.47	15.93	6.809	9.896	165.5	5.696	
23/1	F	4	5	10	515,0	365,0	47,6	34	48.87	11.54	3.227	11.36	307.7	8.572	
24/1	M	3	2	5	570,0	365,0	35,3	19	39.36	16.81	5.63	13.21	204.7	7.182	
25/1	F	5	16	30	1095,0	485,0	64,1	54	63.69	9.088	2.038	14.92	167.3	21.13	
Mean		4	6	17	859,0	427,4	49,3	34,98	45,98	11,58	3,68	10,59	161,16	10,99	
Minimum		2	0	4	345,0	330,0	27,0	8,80	34,64	5,12	1,43	6,83	8,85	4,47	
Maximum		9	27	49	2969,0	660,0	70,0	62,00	63,69	19,70	8,81	14,92	342,10	21,13	
St.Dev		2	7	12	576,9	78,1	13,2	17,78	7,74	3,72	1,71	2,46	78,81	4,50	
Count		25	24	25	25	25	25	25	25	25	25	25	25	25	25

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J26 Oslofjorden** Tissue: All
 Locality : **30B Oslo City area** Latitude: 59°49N Longitude: 10°33
 Catch,date : **20031015** Count: 25 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA		NIVA		NIVA		NIVA		NIVA	
Analysis code		=>		metan		metan		metan		metan		metan		metan	
Detection limit		=> Mean		2		2		2		2		2		2.00	
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	DRYWT (LI) %	DRYWT (MU) %	EXLIP (LI) %	EXLIP (MU) %	PROTV (BL) mg/mL w.wt	PROTV (LIMIC) mg/mL/min/mg protein w.wt/min/mg protein	ALAD (BL) µmol/min/mg pro	EROD (LI) 2	
1/1	F	;3	;4.2	;18.4	;54.4	;969.6	;470	49	19.8	35	36.2	3.58	13.55	247.5	
2/1	F	;4	;7.8	;12.6	;56.2	;723.6	;430	33.2	18.2	16	70.08	2.827	4.187	43.51	
3/1	F	;2	;2.8	;9.4	;49	;614	;465	30.2	19.3	11	22.05	5	16.92	349.2	
4/1	F	;3	;3.6	;15.2	;57	;664.8	;400	59.9	19	49	77.12	3.12	5.267	170.3	
5/1	F	;3	;3.6	;15.6	;57.2	;649.2	;390	59.1	18.9	47	59.6	3.46	5.482	105.7	
6/1	M	;4	;2.4	;31.2	;62.2	;767.2	;420	65.5	19.3	54	44.49	2.561	10.36	89.3	
7/1	F	;5	;29.4	150.4	;92	;3748	;690	73.5	19.7	64	46.75	1.688	16.58	106.5	
8/1	F	;3	;2.8	;16.2	;58.8	;1274	;495	40.1	19.3	21	69.56	4.925	7.874	15.54	
9/1	F	;4	;3	;11.2	;63.2	;762.8	;430	36.3	18.4	18	42.84	5.55	6.911	12.1	
10/1	F	;3	;5.2	;12.2	;58.4	;1135	;500	34.1	18.9	15	83.52	6.31	6.458	60.15	
11/1	M	;3	;1	;17.4	;73.2	;1153	;480	47.6	18.9	32	83.16	4.034	5.367	62.56	
12/1	M	;3	;1.4	;45.2	;55.2	;1108	;490	68.7	19.3	17	72.48	1.86	4.962	88.25	
13/1	F	;3	;4.6	;35.8	;61.6	;1324	;520	69.9	19.3	58	84.56	2.307	6.662	164.8	
14/1	M	;3	;1	;27	;53.4	;1223	;480	57.4	18.7	41	64.2	2.548	4.376	105.5	
15/1	F	;3	;3.8	;17	;55.6	;972	;460	41.8	18.8	26	41.56	3.773	20.08	132.5	
16/1	M	;4	;1.4	;7.6	;49.8	;754.6	;445	30.9	18.3	11	64.56	7.05	5.137	78.67	
17/1	F	;3	;2.6	;17.2	;58.2	;705.4	;415	61.7	19.4	51	68	3.063	5.57	125	
18/1	F	;3	;5	;18.4	;55.4	;1046	;450	43.3	19.3	28	39.67	3.275	17.39	71.91	
19/1	M	;4	;8.2	;39.2	;59.6	;1222	;475	63.2	19.9	51	23.47	2.469	21.5	71.13	
20/1	F	;6	;53.6	;110	;65.4	;5503	;820	56.4	19.3	44	102.5	3.266	6.996	58.9	
21/1	F	;3	;2.6	;12.6	;67.6	;781	;430	48.3	19.4	35	33.82	4.407	7.664	80.24	
22/1	F	;2	;1.6	;9.8	;50.4	;690.8	;395	37.6	18.3	21	61.8	3.768	5.865	10.7	
23/1	F	;3	;2.8	;24.6	;67.4	;836.6	;440	65.4	20.4	55	51.18	2.628	18.59	117.9	
24/1	F	;3	;4	;23.6	;63	;701	;410	66.8	19.7	58	58.56	2.518	7.011	106.8	
25/1	M	;5	;4	;12.2	;61.2	;1025	;460	36.8	18	22	71.44	5.745	2.756	8.13	
26/1	F	;2.6	;3.12	;55.32	;664	;412				0.25					
27/1	X	;3.6	;3.68	;61.48	;748	;425				0.27					
28/1	X	;3.6	;3.4	;57.88	;927	;451				0.29					
29/1	X	;3.2	;3.16	;59.16	;1135	;479				0.21					
30/1	F	;4	19.12	;67.24	;2597	;605				0.26					
Mean		0	0	0	0,0	0,0	0,0	51,07	19,11	35,20	0,26	58,93	3,67	9,34	99,31
Minimum		0	0	0	0,0	0,0	0,0	30,20	18,00	11,00	0,21	22,05	1,69	2,76	8,13
Maximum		0	0	0	0,0	0,0	0,0	73,50	20,40	64,00	0,29	102,50	7,05	21,50	349,20

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J26 Oslofjorden** Tissue: All
 Locality : **30B Oslo City area** Latitude: 59°49N Longitude: 10°33
 Catch,date : **20031015** Count: 25 Sample type: **Individual**

Analytical lab.		=>		NIVA	NIVA	NIVA	NIVA	NIVA	NIVA	NIVA	NIVA	NIVA			
Analysis code		=>		metan	metan	metan	metan	metan	metan	metan	metan	metan			
Detection limit		=> Mean		2	2	2	2	2	2	2	2	2.00			
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngt mm	weight g	Dry %	Fat %	DRYWT (LI) %	DRYWT (MU) %	EXLIP (LI) %	EXLIP (MU) %	PROTV (BL) mg/mL	PROTV (LIMIC) mg/mL/min/mg protein	ALAD (BL) mol/min/mg protein	EROD (LI) mol/min/mg protein
St.Dev		0	0	0	0,0	0,0	0,0	13,91	0,58	16,90	0,03	20,33	1,41	5,72	75,55
Count		30	30	25	30	30	30	25	25	25	5	25	25	25	25

Comments

Station: Oslo City area

sample no.

- 1 Age uncertain
- 2 Age uncertain
- 6 Age uncertain
- 7 Liver and/or intestinal guts with larvae of Anisakis simplex Age uncertain
- 16 Age uncertain
- 19 Age uncertain
- 20 Age uncertain
- 21 Fish was dead
- 22 Fish was dead
- 23 Fish was dead
- 24 Fish was dead
- 25 Fish was dead Age uncertain
- 26 Bulk of NIVA no 5,22,4,3,24
- 27 Bulk of NIVA no17,6,2,9,21
- 28 Bulk of NIVA no2316,18,15,25
- 29 Bulk of NIVA no 1,19,11,14,12
- 30 Bilk of NIVA no 8,10,13,7,20

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J26 Oslofjorden** Tissue: All
 Locality : **30B Oslo City area** Latitude: 59°49N Longitude: 10°33
 Catch,date : **20041101** Count: 25 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA		NIVA		NIVA		NIVA		NIVA	
Analysis code		=>		metan		metan		metan		metan		metan		metan	
Detection limit		=> Mean		2		2		2		2		2		2.00	
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngt mm	weight g	Dry %	Fat %	DRYWT (LI) %	DRYWT (MU) %	EXLIP (LI) %	EXLIP (MU) %	PROTV (BL) mg/mL w.wt	PROTV (LIMIC) mg/mL/min/mg protein w.wt/min/mg protein	ALAD (BL) µmol/min/mg pro	EROD (LI) 2
1/1	M	;4	;1	;17	;50	;880	;440	49	20	33		61	5	12	27
2/1	M	;3	;1	;11	;48	;484	;370	49	20	33		72	3	14	45
3/1	F	;5	;21	;46	;50	;1148	;480	58	20	51		77	2	14	142
4/1	M	;3	;4	;34	;51	;1084	;485	64	20	56		69	2	10	67
5/1	M	;4	;8	;31	;50	;1049	;500	60	20	50		67	3	19	40
6/1	M	;3	;2	;15	;50	;719	;410	54	20	40		55	3	12	96
7/1	M	;3	;14	;22	;51	;759	;430	65	21	57		62	3	19	54
8/1	M	;2	;1	;11	;50	;767	;433	49	19	33		65	3	20	69
9/1	M	;5	;13	;35	;50	;1013	;485	64	21	56		70	3	16	50
10/1	F	;3	;11	;19	;50	;1049	;285	54	20	35		77	3	17	70
11/1	M	;4	;6	;64	;54	;1084	;485	57	20	55		60	3	7	160
12/1	M	;3	;9	;26	;50	;582	;385	65	21	60		67	3	10	50
13/1	F	;3	;6	;18	;51	;772	;434	56	22	45		71	1	15	
14/1	F	;3	;3	;15	;51	;608	;405	53	20	42		78	3	13	97
15/1	F	;6	;16	;101	;50	;3464	;700	66	21	54		66	2	10	66
16/1	F	;4	;26	;62	;52	;1501	;510	67	19	51		67	3	16	78
17/1	M	;3	;4	;42	;51	;1111	;475	68	18	64		53	2	15	48
18/1	F	;6	;18	;20	;50	;1539	;545	39	19	22		66	5	6	92
19/1	M	;4	;1	;11	;51	;745	;440	54	20	41		70	3	16	66
20/1	F	;5	;7	;22	;52	;908	;450	58	20	45		80	3	8	70
21/1	M	;6	;11	;31	;51	;1225	;505	64	20	51		65	3	14	105
22/1	M	;4	;0	;8	;50	;761	;445	40	19	23		56	4	9	77
23/1	M	;4	;12	;24	;51	;889	;450	68	20	44		71	3	14	66
24/1	M	;4	;4	;28	;50	;656	;420	73	20	63		0	3		131
25/1	F	;4	;3	;11	;50	;687	;415	46	19	29		0	5		81
26/1	X	;3	;5	;50		;688	;371				0				
27/1	X	;3	;6	;50		;734	;426				0				
28/1	X	;4	;4	;51		;837	;445				0				
29/1	X	;4	;10	;51		;1088	;482				0				
30/1	X	;5	;16	;51		;1756	;552				0				
Mean		0	0	0	0,0	0,0	0,0	57,60	19,96	45,32	0,00	61,80	3,04	13,30	76,96
Minimum		0	0	0	0,0	0,0	0,0	39,00	18,00	22,00	0,00	0,00	1,00	6,00	27,00
Maximum		0	0	0	0,0	0,0	0,0	73,00	22,00	64,00	0,00	80,00	5,00	20,00	160,00

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J26 Oslofjorden** Tissue: All
 Locality : **30B Oslo City area** Latitude: 59°49N Longitude: 10°33
 Catch,date : **20041101** Count: 25 Sample type: **Individual**

Analytical lab.		=>		NIVA	NIVA	NIVA	NIVA	NIVA	NIVA	NIVA	NIVA	NIVA			
Analysis code		=>		metan	metan	metan	metan	metan	metan	metan	metan	metan			
Detection limit		=> Mean		2	2	2	2	2	2	2	2	2.00			
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngt mm	weight g	Dry %	Fat %	DRYWT (LI) %	DRYWT (MU) %	EXLIP (LI) %	EXLIP (MU) %	PROTV (BL) mg/mL	PROTV (LIMIC) mg/mL	ALAD (BL) μmol/min/mg protein	EROD (LI) μmol/min/mg protein
St.Dev		0	0	0	0,0	0,0	0,0	8,96	0,84	12,01	0,00	19,85	0,93	3,87	32,41
Count		30	30	25	30	30	30	25	25	25	5	25	25	23	24

Comments

NIVA fish no 15,16,17,18,19,20,21,22,23 is from STEILENE

sample no.

- 1 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
- 2 Skin with metacercariae of cf. Cryptocotyle lingua
- 4 Skin with metacercariae of cf. Cryptocotyle lingua
- 5 Skin with metacercariae of cf. Cryptocotyle lingua
- 6 Skin with metacercariae of cf. Cryptocotyle lingua Age uncertain
- 7 Skin with metacercariae of cf. Cryptocotyle lingua
- 8 Skin with metacercariae of cf. Cryptocotyle lingua
- 9 Skin with metacercariae of cf. Cryptocotyle lingua
- 10 Skin with metacercariae of cf. Cryptocotyle lingua
- 11 Skin with metacercariae of cf. Cryptocotyle lingua
- 12 Skin with metacercariae of cf. Cryptocotyle lingua
- 14 Skin with metacercariae of cf. Cryptocotyle lingua
- 15 Liver with necrotic areas and/or discolouration Signs of mechanical damage (e.g., net wounds)
- 17 Skin with metacercariae of cf. Cryptocotyle lingua
- 19 Skin with metacercariae of cf. Cryptocotyle lingua
- 21 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
- 22 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
- 23 Age uncertain
- 24 Age uncertain
- 25 Skin with metacercariae of cf. Cryptocotyle lingua
- 26 Bulk of NIVA no 10,2,12,14,6 Skin with metacercariae of cf. Cryptocotyle lingua
- 27 Bulk of NIVA no 25,24,7,8,13 Skin with metacercariae of cf. Cryptocotyle lingua no 7,8,25
- 28 Bulk of NIVA no 19,1,22,20,23 Skin with metacercariae of cf. Cryptocotyle lingua no 1,19,22
- 29 Bulk of NIVA no 17,11,9,4,3 Skin with metacercariae of cf. Cryptocotyle lingua no 4,9,11,17
- 30 Bulk of NIVA no 5,21,16,18,15 Skin with metacercariae of cf. Cryptocotyle lingua no 5,21 Liver with necrotic areas and/or discolouration no 15 Signs of mechanical damage (e.g., net

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J26 Oslofjorden** Tissue: All
 Locality : **30B Oslo City area** Latitude: 59°49N Longitude: 10°33
 Catch,date : **20051005** Count: 25 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA		NIVA		NIVA		NIVA		NIVA	
Analysis code		=>		metan		metan		metan		metan		metan		metan	
Detection limit		=> Mean		2		2		2		2		2		2.00	
Samp/ repl.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	DRYWT (MU) %	EXLIP (LI) %	EXLIP (MU) %	PROTV (BL) mg/mL w.wt	PROTV (LIMIC) mg/mL/min/mg protein w.wt/min/mg protein	ALAD (BL) mol/min/mg protein	EROD (LI) mol/min/mg protein		
1/1	F	;5	20.68	;158 ;3933	;775	;64	20.6	58		55.94	3.06	17.76	94.02		
2/1	M	;5	0.78	;13.5 ;913	;470	;46	19.3	31		57.41	2.84	21.06	110.8		
3/1	F	;4	15.51	;183 ;3259	;710	;78	18.9	75		53.28	1.58	18.52	93.87		
4/1	F	;4	10.6	;23.18 ;1567	;550	;41	18.8	28		45.18	4.61	24.05	52.34		
5/1	F	;4	4.18	;18.19 ;1287	;490	;39	19.5	25		47.68	4	13.14	188.8		
6/1	F	;4	7.92	;39.4 ;1375	;520	;66	19.4	59		62.81	2.53	25.78	84.31		
7/1	F	;5	8.3	;27.16 ;2263	;640	;31	18.2	16		54.04	4.35	20.9	121.4		
8/1	M	;4	2.05	;34.64 ;1557	;515	;67	19.4	62		62.9	2.12	31.53	94.45		
9/1	M	;5	0.71	;32.57 ;2606	;680	;34	18.7	21		32.11	4.05	14.11	43.55		
10/1	M	;3	0.18	;6.26 ;397.4	;350	;40	19.4	20		72.54	9.05	25.49	112.4		
11/1	M	;4	6.99	;126.6 ;2962	;700	;73	19.1	70		72.34	2.49	20.64	50.94		
12/1	M	;5	1.07	;15.41 ;715	;435	;51	20	39		73.34	4.29	15.02	76.68		
13/1	F	;4	;2	;9 ;566	;400	;52	18.9	39		86.21	2.84	14.23	47.58		
14/1	F	;3	5.94	;12.8 ;1048	;480	;35	19.1	20		72.74	7.57	17.42	2.06		
15/1	F	;3	3.89	;20.75 ;944.2	;470	;61	19.2	55		76.06	3.54	17.69	44.99		
16/1	F	;4	17.22	;23.16 ;861.5	;440	;54	18.7	44		62.68	5.01	7.23	42.37		
17/1	F	;4	5.82	;5.59 ;631.6	;415	;23	18.1	4.2		85.31	6.16	12.12	3.83		
18/1	F	;3	7.3	;12.38 ;721	;440	;54	18.7	42		58.26	3.83	10.65	31.97		
19/1	F	;4	6.7	;35.7 ;836	;420	;48	19.3	35		74.95	7.86	14.83	147.9		
20/1	M	;3	1.26	;9.64 ;686	;425	;47	20.4	31		68.31	3.1	15.01	38.02		
21/1	M	;4	2.35	;17.56 ;712	;425	;45	18.5	35		23.66	2.73	11.57	33.12		
22/1	M	;4	0.39	;10 ;858.2	;435	;26	18.1	9.5		88.02	9.61	10.38	1.45		
23/1	F	;3	2.82	;9.78 ;630.8	;380	;41	19.1	46		42.57	3.33	9.38	9.7		
24/1	M	;4	6.33	;53 ;1891	;565	;45	18.6	31		68.51	3.71	14.2	110		
25/1	F	;4	6.3	;15.07 ;653.6	;410	;48	19.3	36		19.94	3.72	9.98	17.88		
26/1	X	;3	6	;3.42 ;575.9	;391				0.13						
27/1	X	;4	2.35	;761.4 ;428					0.22						
28/1	X	;3	6	;7.03 ;897.6	;460				0.17						
29/1	X	;4	6.22	;1535 ;528					0.09						
30/1	X	;4	6	;10.44 ;3005	;701				0.25						
Mean		0	0	0	0,0	0,0	19,09	37,27	0,17	60,67	4,32	16,51	66,18		
Minimum		0	0	0	0,0	0,0	18,10	4,20	0,09	19,94	1,58	7,23	1,45		
Maximum		0	0	0	0,0	0,0	20,60	75,00	0,25	88,02	9,61	31,53	188,80		

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J26 Oslofjorden** Tissue: All
 Locality : **30B Oslo City area** Latitude: 59°49N Longitude: 10°33
 Catch,date : **20051005** Count: 25 Sample type: **Individual**

Analytical lab.		=>		NIVA	NIVA	NIVA	NIVA	NIVA	NIVA	NIVA	NIVA		
Analysis code		=>		metan	metan	metan	metan	metan	metan	metan	metan		
Detection limit		=> Mean		2	2	2	2	2	2	2	2.00		
Samp/ Sex	Age Wght	Lngt weight	Dry	Fat	DRYWT (MU)	EXLIP (LI)	EXLIP (MU)	PROTV (BL)	PROTV (LIMIC)	ALAD (BL)	EROD (LI)		
repl. F/M	year	g	mm g	%	%	%	%	mg/mL	mg/mL	min/mg protein	mol/min/mg pro		
no.								w.wt	w.wt	min/mg protein			
St.Dev	0	0	0	0,0	0,0	0,0	0,63	18,28	0,06	18,12	2,13	5,93	48,59
Count	30	30	25	30	30	25	25	25	5	25	25	25	25

Comments

Station: Oslo City area Water depth: 37-70meter

sample no.

- 2 Skin with metacercariae of cf. Cryptocotyle lingua
- 3 Liver and/or intestinal guts with larvae of Anisakis simplex
- 4 Skin with metacercariae of cf. Cryptocotyle lingua
- 6 Skin with metacercariae of cf. Cryptocotyle lingua
- 8 Skin with metacercariae of cf. Cryptocotyle lingua
- 9 Skin with metacercariae of cf. Cryptocotyle lingua ,7small
- 10 Skin with metacercariae of cf. Cryptocotyle lingua ,7small
- 12 Skin with metacercariae of cf. Cryptocotyle lingua
- 14 Skin with metacercariae of cf. Cryptocotyle lingua
- 15 Skin with metacercariae of cf. Cryptocotyle lingua
- 16 Skin with metacercariae of cf. Cryptocotyle lingua Skin with ulceration, lymphocytic areas and/or lesions
- 18 Skin with metacercariae of cf. Cryptocotyle lingua
- 21 Skin and/or oral cavity with caligiform and/or Lernaepodiform copepods
- 22 Skin with metacercariae of cf. Cryptocotyle lingua
- 23 Skin with metacercariae of cf. Cryptocotyle lingua
- 25 Skin with metacercariae of cf. Cryptocotyle lingua
- 26 Bulk of NIVA no 10,23,13,25,17 Skin with metacercariae of cf. Cryptocotyle lingua Skin with ulceration, lymphocytic areas and/or lesions no17
- 27 Bulk of NIVA no 19,20,21,22,12 Skin with metacercariae of cf. Cryptocotyle lingua no12,22 Skin and/or oral cavity with caligiform and/or Lernaepodiform copepods no21
- 28 Bulk of NIVA no 18,16,2,15,14
- 29 Bulk of NIVA no 5,8,6,4,24
- 30 Bulk of NIVA no 7,9,11,3,1

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J26 Oslofjorden** Tissue: All
 Locality : **30B Oslo City area** Latitude: 59°49N Longitude: 10°33
 Catch,date : **20061024** Count: 25 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA		NIVA		NIVA		NIVA		NIVA	
Analysis code		=>		metan		metan		metan		metan		metan		metan	
Detection limit		=> Mean		2		2		2		2		2		2.00	
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngt mm	weight g	Dry %	Fat %	DRYWT (MU) %	EXLIP (LI) %	EXLIP (MU) %	PROTV (BL) mg/mL	PROTV (LIMIC) mg/mL	ALAD (BL) w.wt/min/mg protein	EROD (LI) mol/min/mg protein	
1/1	F	;8	;90.6	;280.4	;4169	;740	;74	20	66		43.34	1.71	80.3	74.39	
2/1	F	;5	;36.8	;197.8	;4640	;780	;76	19	69		58.87	0.852	27.78	96.87	
3/1	M	;3	;1.4	;18.4	;1064	;475	;46	19	33		44.53	4.158	32.75	149.6	
4/1	F	;3	;9.6	;14.5	;929	;465	;43	18	31		36.05	3.624	28.61	199.1	
5/1	M	;4	;1.6	;25	;2467	;620	;45	19	28		39.28	4.86	49.7	138.3	
6/1	M	;4	;4	;22.4	;2009	;600	;44	18	33		38.94	5.61	21.94	56.49	
7/1	F	;3	;6	;14	;1180	;480	;31	19	12		32.22	3.192	26.16	138.5	
8/1	M	;2	;5.8	;28.2	;887	;470	;64	19	52		32.97	2.616	41.27	89.86	
9/1	M	;2	;1.8	;5.8	;627	;415	;20	17	2.6		27.53	5.202	38.66	4.845	
10/1	F	;3	;2.6	;6.2	;836	;500	;21	16	3.8		45.37	4.302	32.26	9.51	
11/1	F	;2	;3.6	;11.4	;1031	;458	;40	19	26		34.57	2.73	22.53	84.42	
12/1	M	;3	;2.6	;9.2	;903	;465	;25	18	8.5		48	4.848	19.59	72.87	
13/1	M	;3	;1.6	;21.2	;1061	;472	;54	19	41		47.23	3.99	14.52	98.65	
14/1	F	;4	;20.6	;101.4	;2550	;630	;74	19	69		41.87	2.37	32	158.1	
15/1	F	;4	;18.1	;30.4	;2190	;610	;43	18	27		41.99	3.948	33.11	130.1	
16/1	M	;4	;5.6	;94.6	;3240	;700	;62	20	52		29.85	2.286	26.27	133.2	
17/1	F	;2	;5.8	;21.4	;1172	;472	;42	19	29		42.49	3.372	32.73	122.6	
18/1	F	;2	;6.8	;14.2	;1167	;507	;44	19	30		43.34	4.194	34.24	70.72	
19/1	F	;2	;6.4	;16.4	;1202	;515	;38	20	20		42.83	5.178	31.92	32.57	
20/1	M	;3	;1.2	;7.2	;1233	;545	;22	18	7		47.4	4.188	39.13	135	
21/1	M	;2	;6.2	;32.2	;1160	;500	;59	19	51		31.66	4.104	38.84	139.1	
22/1	M	;2	;1.6	;18.4	;897	;458	;54	18	42		34.71	2.994	39.29	88.91	
23/1	M	;3	;12.6	;10.2	;978	;475	;30	18	15		45.88	4.71	19.39	51.72	
24/1	M	;4	;4	;16	;777	;442	;57	20	48		28.73	1.614	24.16	174.8	
25/1	M	;2	;1.1	;7	;769	;443	;47	19	35		35.44	4.044	45.38	107	
26/1	X	;2.4	;2.42		;820.2	;443.2			0.31						
27/1	X	;2.6	;5.08		;990.4	;468.8			0.28						
28/1	X	;2.8	;5.76		;1044	;486			0.28						
29/1	X	;3	;7.3		;1560	;555.4			0.25						
30/1	X	;5	;31.04		;3413	;694			0.22						
Mean		0	0	0	0,0	0,0	0,0	18,68	33,24	0,27	39,80	3,63	33,30	102,29	
Minimum		0	0	0	0,0	0,0	0,0	16,00	2,60	0,22	27,53	0,85	14,52	4,85	
Maximum		0	0	0	0,0	0,0	0,0	20,00	69,00	0,31	58,87	5,61	80,30	199,10	

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J26 Oslofjorden** Tissue: All
 Locality : **30B Oslo City area** Latitude: 59°49N Longitude: 10°33
 Catch,date : **20061024** Count: 25 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA		NIVA		NIVA		NIVA		NIVA	
Analysis code		=>		metan		metan		metan		metan		metan		metan	
Detection limit		=> Mean		2		2		2		2		2		2.00	
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngt mm	weight g	Dry %	Fat %	DRYWT (MU) %	EXLIP (LI) %	EXLIP (MU) %	PROTV (BL) mg/mL	PROTV (LIMIC) mg/mL	ALAD (BL) min/mg protein	EROD (LI) mol/min/mg protein	
St.Dev		0	0	0	0,0	0,0	0,0	0,95	19,61	0,03	7,40	1,23	12,97	49,22	
Count		30	30	25	30	30	25	25	25	5	25	25	25	25	

Comments

Station: Oslo City area

sample no.

- 1 Liver and/or intestinal guts with larvae of Anisakis simplex
- 2 Liver and/or intestinal guts with larvae of Anisakis simplex
- 3 Skin with metacercariae of cf. Cryptocotyle lingua
- 4 Skin with metacercariae of cf. Cryptocotyle lingua
- 5 Liver and/or intestinal guts with larvae of Anisakis simplex
- 8 Skin with metacercariae of cf. Cryptocotyle lingua
- 10 Skin with metacercariae of cf. Cryptocotyle lingua
- 11 Skin with metacercariae of cf. Cryptocotyle lingua Age uncertain
- 14 Skin with metacercariae of cf. Cryptocotyle lingua Liver and/or intestinal guts with larvae of Anisakis simplex
- 15 Age uncertain
- 16 Liver and/or intestinal guts with larvae of Anisakis simplex Age uncertain
- 17 Skin with metacercariae of cf. Cryptocotyle lingua
- 19 Skin with metacercariae of cf. Cryptocotyle lingua
- 20 Skin with metacercariae of cf. Cryptocotyle lingua
- 21 Skin with metacercariae of cf. Cryptocotyle lingua
- 22 Skin with metacercariae of cf. Cryptocotyle lingua Age uncertain
- 23 Skin with metacercariae of cf. Cryptocotyle lingua
- 24 Skin with metacercariae of cf. Cryptocotyle lingua
- 25 Skin with metacercariae of cf. Cryptocotyle lingua
- 26 Bulk of NIVA no 9,24,25,22,11 Skin with metacercariae of cf. Cryptocotyle lingua no 24,25,22,11
- 27 Bulk of NIVA no 12,4,8,17,13 Skin with metacercariae of cf. Cryptocotyle lingua no4,8,17
- 28 Bulk of NIVA no 23,3,7,10,21 Skin with metacercariae of cf. Cryptocotyle lingua no3,23,10 no3,23,10,21
- 29 Bulk of NIVA no 18,19,20,6,15 Skin with metacercariae of cf. Cryptocotyle lingua no 19,20
- 30 Bulk of NIVA no 5,14,16,1,2 Liver and/or intestinal guts with larvae of Anisakis simplex no 1,2,5,14 Skin with metacercariae of cf. Cryptocotyle lingua no 14

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
Sample area: **J99 Undefined** Tissue: All
Locality : **15B Ullerø area** Latitude: 58°3N Longitude: 6°43
Catch,date : **20020926** Count: Sample type: **Individual**

Samp/ repl. no.	Sex	Age	Wght	Lngr	weight	Dry	Fat
		year	g	mm	g	%	%
1/1	F	2	844	440			

Analytical lab. =>
Analysis code =>
Detection limit => Mean

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: All
 Locality : **15B Ullerø area** Latitude: 58°3N Longitude: 6°43
 Catch,date : **20031006** Count: 25 Sample type: **Individual**

Analytical lab.		=>					NIVA	NIVA	NIVA	
Analysis code		=>					metan	metan	metan	
Detection limit		=> Mean					2	2	2	
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngt mm	weight g	Dry %	Fat %	DRYWT (MU) %	EXLIP (LI) %	EXLIP (MU) %
1/1	F		;111.58	53.55	;509.2	;360	;49.2	19.6	34	
2/1	M		;210.61	51.74	;825.2	;430	;40.5	19.4	25	
3/1	F		;312.16	50.65	;686.8	;400	;51.1	19.1	47	
4/1	F		;2;16.6	50.33	;804.3	;435	;32.6	19.4	17	
5/1	M		;210.92	55.73	;943.3	;450	;29.9	19	14	
6/1	M		;212.01	53.29	;972.2	;460	;37.3	18.5	24	
7/1	M		;215.97	52.58	;1154	;500	;34.8	18.8	26	
8/1	F		;2;8.34	54.48	;710.7	;420	;38.6	19.6	24	
9/1	M		;211.64	51.35	;979.3	;455	;28.7	19.2	9.5	
10/1	F		;225.58	52.72	;956.2	;450	;40.4	19	26	
11/1	F		;214.12	50.81	;1094	;460	;37.1	18.8	26	
12/1	F		;212.75	50.44	;793.5	;420	;36.9	19.4	22	
13/1	M		;2;6.56	51.92	;785.2	;440	;27.2	17.9	5.6	
14/1	M		;355.99	52.33	;1380	;490	;72.9	19.7	65.3	
15/1	M		;348.82	50.56	;1041	;465	;71.6	19.1	65	
16/1	M		;311.14	53.12	;929.1	;465	;32.1	18.9	18	
17/1	F		;2;9.92	51.71	;813.6	;435	;32.5	19.8	17	
18/1	F		;215.45	54.97	;932.3	;465	;47.8	18.6	36	
19/1	F		;2;6.94	52.37	;794.2	;430	;25	18	6.8	
20/1	F		;225.48	;50.9	;1065	;450	;52.7	19.2	47	
21/1	M		;2;9.99	50.24	;835.4	;430	;29.7	18.7	13	
22/1	M		;220.31	51.52	;1051	;450	;44.8	18.9	36	
23/1	M		;227.52	51.46	;1279	;490	;57.4	18.7	55	
24/1	F		;217.63	51.82	;1000	;500	;44.7	18.6	38	
25/1	M		;224.63	50.77	;1163	;500	;54.1	18.1	44	
26/1	X		;2	;52.17	;705.1	;406				0.24
27/1	X		;2	;51.31	;806.5	;434				0.31
28/1	X		;2	;52.44	;999	;451				0.27
29/1	X		;2.4	;52.55	;993.8	;463				0.25
30/1	X		;2.2	;51.79	;1195	;496				0.24
Mean		0	0	0	0,0	0,0	0,0	18,96	29,65	0,26
Minimum		0	0	0	0,0	0,0	0,0	17,90	5,60	0,24
Maximum		0	0	0	0,0	0,0	0,0	19,80	65,30	0,31

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: All
 Locality : **15B Ullerø area** Latitude: 58°3N Longitude: 6°43
 Catch,date : **20031006** Count: 25 Sample type: **Individual**

Analytical lab.	=>					NIVA	NIVA	NIVA	
Analysis code	=>					metan	metan	metan	
Detection limit	=> Mean					2	2	2	
Samp/ Sex	Age	Wght	Lngt	weight	Dry	Fat	DRYWT (MU)	EXLIP (LI)	EXLIP (MU)
repl. F/M	year	g	mm	g	%	%	%	%	%
no.									
St.Dev	0	0	0	0,0	0,0	0,0	0,51	16,84	0,03
Count	30	25	30	30	30	25	25	25	5

Comments
 Station: Ullerø area

- sample no.
- 1 Age uncertain
 - 2 Age uncertain
 - 3 Age uncertain
 - 7 Muscle with signs of inner bleeding Signs of mechanical damage (e.g., net wounds)
 - 9 Muscle with signs of inner bleeding Signs of mechanical damage (e.g., net wounds)
 - 10 Age uncertain
 - 11 Signs of mechanical damage (e.g., net wounds)
 - 13 Signs of mechanical damage (e.g., net wounds)
 - 14 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua Signs of mechanical damage (e.g., net wounds)
 - 15 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex Signs of mechanical damage (e.g., net wounds)
 - 16 Age uncertain Signs of mechanical damage (e.g., net wounds)
 - 17 Muscle with signs of inner bleeding Signs of mechanical damage (e.g., net wounds)
 - 18 Age uncertain Signs of mechanical damage (e.g., net wounds)
 - 19 Signs of mechanical damage (e.g., net wounds)
 - 20 Age uncertain Signs of mechanical damage (e.g., net wounds)
 - 21 Skin with ulceration, lymphocytic areas and/or lesions Signs of mechanical damage (e.g., net wounds)
 - 22 Signs of mechanical damage (e.g., net wounds)
 - 23 Skin with metacercariae of cf. Cryptocotyle lingua Signs of mechanical damage (e.g., net wounds)
 - 24 Liver and/or intestinal guts with larvae of Anisakis simplex Signs of mechanical damage (e.g., net wounds)
 - 25 Age uncertain Signs of mechanical damage (e.g., net wounds)
 - 26 Bulk of NIVA no 1,3,8,12,2
 - 27 Bulk of NIVA no19,21,4,17,13 Muscle with signs of inner bleeding no17 Skin with ulceration, lymphocytic areas and/or lesions no21 Signs of mechanical damage (e.g., net wounds),no1
 - 28 Bulk of NIVA no 5,10,20,22,9 Muscle with signs of inner bleeding no9 Signs of mechanical damage (e.g., net wounds) no9,20,22
 - 29 Bulk of NIVA no 6,11,15,16,18 Signs of mechanical damage (e.g., net wounds)no11,15,16,18 Liver a/o intestinal guts with larvae of Anisakis simplex,15
 - 30 Bulk of NIVA no 14,23,7,24,25 Signs of mechanical damage (e.g., net wounds) Muscle with signs of inner bleeding no7 Skin with metacercariae of cf. Cryptocotyle lingua no14,23 Live.

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: All
 Locality : **15B Ullerø area** Latitude: 58°3N Longitude: 6°43
 Catch,date : **20041019** Count: 25 Sample type: **Individual**

Analytical lab.		=>					NIVA	NIVA	NIVA
Analysis code		=>					metan	metan	metan
Detection limit		=> Mean					2	2	2
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	DRYWT (MU) %	EXLIP (LI) %	EXLIP (MU) %
1/1	F	;2	;18	;50 ;630	;380	;56	20	38	
2/1	M	;2	;9	;50 ;603	;390	;44	19	25	
3/1	M	;2	;25	;50 ;756	;405	;67	21	18	
4/1	F	;2	;32	;50 ;1038	;440	;67	20	58	
5/1	M	;2	;32	;50 ;1134	;440	;70	20	62	
6/1	M	;1	;25	;50 ;667	;440	;72	20	60	
7/1	M	;2	;17	;53 ;849	;440	;61	20	46	
8/1	F	;3	;14	;50 ;674	;385	;51	19	40	
9/1	F	;1	;27	;54 ;685	;405	;69	20	62	
10/1	M	;1	;12	;51 ;563	;380	;42	20	31	
11/1	M	;1	;49	;50 ;978	;420	;76	20	70	
12/1	F	;1	;11	;51 ;613	;400	;60	19	49	
13/1	M	;1	;32	;52 ;831	;420	;69	20	62	
14/1	M	;1	;18	;54 ;620	;380	;70	20	65	
15/1	M	;2	;27	;51 ;686	;395	;65	20	56	
16/1	M	;1	;28	;51 ;714	;400	;69	20	64	
17/1	F	;2	;11	;51 ;639	;400	;48	20	37	
18/1	M	;2	;34	;51 ;696	;400	;71	20	66	
19/1	M	;2	;46	;55 ;973	;425	;80	20	70	
20/1	M	;2	;19	;51 ;888	;450	;55	21	45	
21/1	F	;3	;20	;51 ;1026	;465	;56	20	50	
22/1	F	;2	;29	;54 ;643	;385	;72	20	68	
23/1	M	;3	;14	;56 ;945	;445	;47	19	35	
24/1	F	;2	;72	;55 ;1183	;470	;71	20	64	
25/1	M	;2	;35	;55 ;1021	;455	;62	20	57	
26/1	X	;2		;52 ;626	;382		18		0
27/1	X	;2		;51 ;647	;397		19		0
28/1	X	;1		;51 ;793	;410		20		0
29/1	X	;2		;52 ;932	;437		20		0
30/1	X	;2		;54 ;1013	;457		20		0
Mean		0	0	0	0,0	0,0	19,83	51,92	0,00
Minimum		0	0	0	0,0	0,0	18,00	18,00	0,00
Maximum		0	0	0	0,0	0,0	21,00	70,00	0,00

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: All
 Locality : **15B Ullerø area** Latitude: 58°3N Longitude: 6°43
 Catch,date : **20041019** Count: 25 Sample type: **Individual**

Analytical lab.	=>					NIVA	NIVA	NIVA	
Analysis code	=>					metan	metan	metan	
Detection limit	=> Mean					2	2	2	
Samp/ Sex	Age	Wght	Lngt	weight	Dry	Fat	DRYWT (MU)	EXLIP (LI)	EXLIP (MU)
repl. F/M	year	g	mm	g	%	%	%	%	%
no.									
St.Dev	0	0	0	0,0	0,0	0,0	0,59	14,83	0,00
Count	30	25	30	30	30	25	30	25	5

sample no.

3 Skin with metacercariae of cf. *Cryptocotyle lingua* Age uncertain
 4 Skin with metacercariae of cf. *Cryptocotyle lingua* Age uncertain
 5 Skin with metacercariae of cf. *Cryptocotyle lingua*
 6 Age uncertain
 7 Skin with metacercariae of cf. *Cryptocotyle lingua*
 8 Skin with metacercariae of cf. *Cryptocotyle lingua* Signs of mechanical damage (e.g., net wounds)
 9 Skin with metacercariae of cf. *Cryptocotyle lingua* Signs of mechanical damage (e.g., net wounds)
 10 Age uncertain Signs of mechanical damage (e.g., net wounds)
 11 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
 14 Skin with metacercariae of cf. *Cryptocotyle lingua*
 15 Skin with metacercariae of cf. *Cryptocotyle lingua*
 16 Skin with metacercariae of cf. *Cryptocotyle lingua* Signs of mechanical damage (e.g., net wounds)
 18 Signs of mechanical damage (e.g., net wounds)
 19 Signs of mechanical damage (e.g., net wounds)
 20 Skin with metacercariae of cf. *Cryptocotyle lingua* Signs of mechanical damage (e.g., net wounds)
 21 Skin with metacercariae of cf. *Cryptocotyle lingua* Signs of mechanical damage (e.g., net wounds)
 22 Signs of mechanical damage (e.g., net wounds)
 23 Skin with metacercariae of cf. *Cryptocotyle lingua* Signs of mechanical damage (e.g., net wounds)
 24 Liver and/or intestinal guts with larvae of *Anisakis simplex* Skin with metacercariae of cf. *Cryptocotyle lingua* Signs of mechanical damage (e.g., net wounds)
 25 Skin with metacercariae of cf. *Cryptocotyle lingua* Signs of mechanical damage (e.g., net wounds)
 26 Bulk of NIVA no 1,10,14,22,8
 27 Bulk of NIVA no 2,15,12,17,18
 28 Bulk of NIVA no 16,3,9,13,11
 29 Bulk of NIVA no 19,6,7,4,5
 30 Bulk of NIVA no 23,20,25,21,24

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: All
 Locality : **15B Ullerø area** Latitude: 58°3N Longitude: 6°43
 Catch,date : **20051024** Count: 25 Sample type: **Individual**

Analytical lab.		=>					NIVA	NIVA
Analysis code		=>					metan	metan
Detection limit		=> Mean					2	2
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	EXLIP (LI) %	EXLIP (MU) %
1/1	M		;240.54	;1154 ;480	;70	;19	64	
2/1	F		;2 ;8.73	737.2 ;430	;34	;19	19	
3/1	F		;219.29	894.2 ;450	;51	;19	41	
4/1	M		;224.18	;900 ;438	;59	;20	49	
5/1	F		;225.87	;670 ;405	;72	;20	68	
6/1	M		;246.43	;1237 ;485	;70	;20	66	
7/1	F		;241.16	850.4 ;425	;71	;20	66	
8/1	F		;2 ;7.6	962.5 ;465	;29	;19	12	
9/1	M		;156.83	877.6 ;435	;81	;19	74	
10/1	F		;220.33	;967 ;462	;60	;18	51	
11/1	M		;219.44	929.6 ;470	;69	;19	65	
12/1	F		;251.13	;1286 ;532	;70	;20	63	
13/1	F		;215.75	;1134 ;492	;27	;19	8.3	
14/1	F		;213.32	;1361 ;540	;63	;18	9.6	
15/1	F		;492.61	;2149 ;595	;60	;18	54	
16/1	M		;225.93	;1192 ;495	;36	;19	52	
17/1	M		;218.56	;1301 ;510	;79	;20	20	
18/1	F		;275.14	;1163 ;480	;50	;21	73	
19/1	F		;230.19	;1283 ;525	;26	;19	45	
20/1	F		;2 ;9.23	;1052 ;470	;70	;18	11	
21/1	F		;236.72	;1148 ;480	;80	;19	63	
22/1	F		;280.15	;1305 ;495	;74	;20	75	
23/1	M		;125.67	617.4 ;400	;68	;19	65	
24/1	F		;229.85	;1174 ;480	;76	;20	62	
25/1	M		;261.81	;1120 ;460	;26	;21	73	
26/1	X		;1.6	;750.5 ;419				0.35
27/1	X		;2	;968.7 ;455				0.27
28/1	X		;2	;1089 ;476				0.3
29/1	X		;2	;1208 ;489.4				0.35
30/1	X		;2.4	;1476 ;540.4				0.34
Mean		0	0	0	0,0	0,0	49,96	0,32
Minimum		0	0	0	0,0	0,0	8,30	0,27
Maximum		0	0	0	0,0	0,0	75,00	0,35

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: All
 Locality : **15B Ullerø area** Latitude: 58°3N Longitude: 6°43
 Catch,date : **20051024** Count: 25 Sample type: **Individual**

Analytical lab.	=>					NIVA	NIVA
Analysis code	=>					metan	metan
Detection limit	=> Mean					2	2
Samp/ Sex	Age	Wght	Lngt weight	Dry	Fat	EXLIP(LI)	EXLIP(MU)
repl. F/M	year	g	mm g	%	%	%	%
no.							
St.Dev	0	0	0	0,0	0,0	0,0	22,87
Count	30	25	30	30	25	25	0,04
						25	5

Comments

Station: Ullerø area Fish sampled 20-24oct.2005

sample no.

- 5 Age uncertain
- 10 Skin with metacercariae of cf. Cryptocotyle lingua
- 12 Gills with Lernaeocera copepods
- 13 Gills with Lernaeocera copepods
- 14 Gills with Lernaeocera copepods
- 15 Skin with metacercariae of cf. Cryptocotyle lingua
- 18 Skin with metacercariae of cf. Cryptocotyle lingua
- 24 Skin with metacercariae of cf. Cryptocotyle lingua Liver and/or intestinal guts with larvae of Anisakis simplex
- 26 Bulk of NIVA no 23,5,7,2,9
- 27 Bulk of NIVA no 4,3,25,10,8 Skin with metacercariae of cf. Cryptocotyle lingua no10
- 28 Bulk of NIVA no 11,20,21,1,18 Skin with metacercariae of cf. Cryptocotyle lingua no 18
- 29 Bulk of NIVA no 24,6,13,16,22 Skin with metacercariae of cf. Cryptocotyle lingua no 24 Liver a/or intestinal guts with larvae of Anisakis simpl. 24 Gills with Lernaeocera copepods
- 30 Bulk of NIVA no 17,19,12,14,15 Gills with Lernaeocera copepods no12,14 Skin with metacercariae of cf. Cryptocotyle lingua no15

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: All
 Locality : **15B Ullerøe area** Latitude: 58°3N Longitude: 6°43
 Catch,date : **20061205** Count: 25 Sample type: **Individual**

Analytical lab.		=>					NIVA	NIVA
Analysis code		=>					metan	metan
Detection limit		=> Mean					2	2
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	EXLIP (LI) %	EXLIP (MU) %
1/1	M	;1	12.51	;643 ;385	;56	;20	51	
2/1	F	;1	10.6	437.6 ;330	;47	;20	33	
3/1	M	;1	46.17	646.4 ;360	;77	;21	72	
4/1	F	;1	6.88	405.8 ;325	;39	;20	23	
5/1	F	;2	;13	;920 ;435	;29	;19	17	
6/1	F	;2	95.72	;1630 ;490	;78	;20	69	
7/1	F	;1	60.91	;1216 ;455	;74	;17	69	
8/1	M	;2	18.79	;1135 ;480	;49	;20	41	
9/1	M	;1	5.21	475.8 ;340	;30	;20	14	
10/1	M	;1	38.92	808.1 ;385	;67	;18	62	
11/1	F	;1	85.96	;1181 ;465	;75	;21	72	
12/1	M	;2	70.85	;1231 ;465	;66	;19	60	
13/1	F	;1	91.7	;1079 ;430	;81	;20	75	
14/1	M	;1	67.99	;1213 ;445	;73	;21	67	
15/1	M	;3	80.81	;1326 ;475	;74	;20	68	
16/1	M	;2	116.9	;1580 ;520	;80	;22	74	
17/1	F	;3	40.1	;1662 ;550	;58	;19	51	
18/1	F	;2	137.3	;1716 ;505	;82	;22	73	
19/1	M	;2	48.65	;1327 ;490	;63	;21	57	
20/1	M	;2	75.93	;1725 ;535	;72	;21	66	
21/1	F	;2	41.06	658.7 ;390	;76	;21	71	
22/1	M	;80.2	;1284 ;480	;73	;20	70		
23/1	M	;1	94.18	;1420 ;485	;77	;21	72	
24/1	M	;2	13.6	;1288 ;510	;22	;19	6.9	
25/1	M	;1	58.43	;1063 ;430	;74	;19	71	
26/1	X	;1	;521.7 ;348					0.39
27/1	X	;1.4	;905.8 ;414					0.4
28/1	X	;1.6	;1233 ;461					0.38
29/1	X	;2	;1359 ;485					0.4
30/1	X	;2.2	;1594 ;524					0.35
Mean		0	0	0	0,0	0,0	56,20	0,38
Minimum		0	0	0	0,0	0,0	6,90	0,35
Maximum		0	0	0	0,0	0,0	75,00	0,40

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: All
 Locality : **15B Ullerøe area** Latitude: 58°3N Longitude: 6°43
 Catch,date : **20061205** Count: 25 Sample type: **Individual**

Analytical lab.	=>					NIVA	NIVA	
Analysis code	=>					metan	metan	
Detection limit	=> Mean					2	2	
Samp/ Sex	Age Wght	Lngt weight	Dry	Fat		EXLIP(LI)	EXLIP(MU)	
repl. F/M	year	g	mm g	%	%	%	%	
no.								
St.Dev	0	0	0	0,0	0,0	0,0	21,15	0,02
Count	29	25	30	30	25	25	25	5

Comments

Station: Ullerø area

sample no.

- 5 Skin with metacercariae of cf. Cryptocotyle lingua
- 6 Liver and/or intestinal guts with larvae of Anisakis simplex
- 8 Skin with metacercariae of cf. Cryptocotyle lingua
- 9 Signs of mechanical damage (e.g., net wounds)
- 12 Skin with metacercariae of cf. Cryptocotyle lingua Signs of mechanical damage (e.g., net wounds)
- 13 Skin with metacercariae of cf. Cryptocotyle lingua
- 15 age uncertain
- 16 Signs of mechanical damage (e.g., net wounds)
- 19 Skin with metacercariae of cf. Cryptocotyle lingua
- 20 Skin with metacercariae of cf. Cryptocotyle lingua Liver and/or intestinal guts with larvae of Anisakis simplex
- 22 Signs of mechanical damage (e.g., net wounds) Liver and/or intestinal guts with larvae of Anisakis simplex Otoliths missed
- 23 Skin with metacercariae of cf. Cryptocotyle lingua
- 24 Skin with metacercariae of cf. Cryptocotyle lingua
- 26 Bulk part sample NIVA no 4,2,9,3,1 Signs of mechanical damage (e.g., net wounds) no9
- 27 Bulk part sample NIVA no 10,21,25,13,5 Skin with metacercariae of cf. Cryptocotyle lingua no5,13
- 28 Bulk part sample NIVA no 14,7,11,12,15 Skin with metacercariae of cf. Cryptocotyle lingua no12
- 29 Bulk part sample NIVA no 8,22,6,23,19 Skin with metacercariae of cf. Cryptocotyle lingua no8,23,19 Signs of mechanical damage (e.g., net wounds) 22 Liver a/or intestinal guts w. .
- 30 Bulk part sample NIVA no 18,24,16,20,17 Signs of mechanical damage (e.g., net wounds)no16 Skin with metacercariae of cf. Cryptocotyle lingua no 20,24 Liver a/or intestinal guts wi

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J63 Sør fjorden** Tissue: All
 Locality : **53B Inner Sør fjord** Latitude: 60°10N Longitude: 6°34
 Catch,date : **20021019** Count: Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA		NIVA		NIVA		NIVA		NIVA	
Analysis code		=>		metan		metan		metan		metan		metan		metan	
Detection limit		=> Mean		2		2		2		2		2		2.00	
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngt mm	weight g	Dry %	Fat %	EXLIP (LI) %	PROTV (BL) mg/mL w.wt	PROTV (LICYT) mg/mL w.wt	PROTV (LIMIC) mg/mL w.wt	ALAD (BL) 'min/mg protein	EROD (LI) mol/min/mg pro	MT (LI) ug/mg protein	NIVA metan
1/1	M	2		6	536,0	410,0	24,1	4.4	61.97	15.65	4.821	2.952	27.84	14.61	
2/1	F	2	6	12	694,0	420,0	40,7	26	52.36	10.33	3	3.633	12.06	14.61	
3/1	F	2	8	50	916,0	435,0	70,0	61	45.59	3.55	1.153	3.669	278.1	14.11	
4/1	F	1	1	2	275,0	320,0		3	59.16	10.24	2.777	5.154	95.14	10.51	
5/1	M	1		4	329,0	310,0	31,2	10	44.89	8.514	3.229	5.898	89.81	9.69	
6/1	F	4	13	16	1095,0	480,0	40,6	30	45.74	10.58	2.633	3.748	174	46.96	
7/1	F	2	2	16	700,0	410,0	42,4	33	55.53	8.884	3.398	2.761	87.3	15.1	
8/1	M	1	2	12	536,0	390,0	60,2	54	52.45	6.754	1.895	6.436	223.3	10.26	
9/1	F	1	1	4	360,0	330,0	41,0	23	51.5	11.34	3.088	7.913	32.31	10	
10/1	F	2	3	3	358,0	390,0		2.5	6.418	11.17	3.102	36.5	15.98	27.88	
11/1	F	1	1	2	228,0	300,0		2.9	55.71	8.672	2.804	4.405	196	15.4	
12/1	F	3	6	13	900,0	470,0	32,5	17	46.3	11.08	3.761	6.665	83.18	14.59	
13/1	F	1	1	12	513,0	360,0	40,7	26	42.68	9.512	3.565	10.78	112.5	14.65	
14/1	F	1	2	6	502,0	380,0	30,0	15	56.1	9.842	2.904	11.68	8.961	10.25	
15/1	F	1	3	11	459,0	350,0	46,6	38	53.59	8.83	4.323	2.081	93.88	7.174	
16/1	F	1	2	5	384,0	360,0	24,8	6.6	46.12	14.18	3.337	10.31	127.6	12.18	
17/1	F	2	2	11	796,0	440,0	28,0	12	59.16	9.814	3.985	5.133	121.6	18.32	
18/1	M	4	5	10	1044,0	490,0	21,0	3.5	49.48	15.2	4.308	6.255	67.47	26.77	
19/1	F	2	3	6	797,0	440,0	25,9	8.6	47.01	13.92	3.533	7.238	60.33	29.2	
20/1	F	4	12	12	1058,0	510,0	27,6	12	63.15	12.14	3.75	3.927	41.13	15.91	
21/1	M	2		8	679,0	410,0	24,7	8	57.6	15	4.48	6.939	460.1	16.56	
22/1	F	5	19	40	2890,0	670,0	39,1	25	42.86	10.62	3.812	11.32	117.2	16.74	
23/1	F	3	2	5	516,0	370,0	23,7	3.1	45.33	18.61	5.985	17.34	20.59	13.47	
24/1	M	2		5	380,0	340,0	32,8	17	48.34	16.39	3.111	12.29	155.7	7.018	
25/1	M	2		3	324,0	330,0		5.1	50	11.72	3.388	9.653	102.2	11.52	
Mean		2	5	11	690,8	404,6	35,6	17,87	49,56	11,30	3,45	8,19	112,17	16,14	
Minimum		1	1	2	228,0	300,0	21,0	2,50	6,42	3,55	1,15	2,08	8,96	7,02	
Maximum		5	19	50	2890,0	670,0	70,0	61,00	63,15	18,61	5,99	36,50	460,10	46,96	
St.Dev		1	5	11	526,0	80,1	12,4	15,89	10,79	3,30	0,95	6,95	99,64	8,61	
Count		25	20	25	25	25	21	25	25	25	25	25	25	25	25

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J63 Sør fjorden** Tissue: All
 Locality : **53B Inner Sør fjord** Latitude: 60°10N Longitude: 6°34
 Catch,date : **20030930** Count: 25 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA		NIVA		NIVA		NIVA		NIVA	
Analysis code		=>		metan		metan		metan		metan		metan		metan	
Detection limit		=> Mean		2		2		2		2		2		2.00	
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	DRYWT (LI) %	DRYWT (MU) %	EXLIP (LI) %	EXLIP (MU) %	PROTV (BL) mg/mL w.wt	PROTV (LIMIC) mg/mL' min/mg protein w.wt' min/mg protein	ALAD (BL) mol/min/mg pro	EROD (LI) mol/min/mg pro	
1/1	F	;3	12.6	;66	73.4	;1974	;600	64.2	20.7	55.2	53.36	1.809	9.317	79.65	
2/1	F	;3	12.2	;11.2	;58.6	;923	;475	30.6	18.7	12.3	75.4	3.454	4.317	2.969	
3/1	F	;3	14.2	;24	;62.4	;2058	;600	36.5	19.7	22	68.18	3.466	8.682	9.47	
4/1	F	;3	8.8	;47.6	;54.8	;1390	;525	60.2	19.7	50.7	75.24	3.194	4.344	60.48	
5/1	F	;3	8.2	;10.6	;50.8	;935	;480	26.8	18.5	8.3	40.4	6.63	16.54	13.06	
6/1	F	;2	;2	;8.8	;51.4	;455	;360	45.9	18.9	27.7	78.5	3.497	6.88	66.74	
7/1	M	;2	;0.2	;8.8	;50.8	;545	;400	40.3	18.6	27.9	42.98	4.33	18.94	6.04	
8/1	F	;2	;1.6	;6.8	;50.2	;527	;380	37.8	18.5	8.2	59.64	4.49	4.545	1.666	
9/1	F	;2	;3.6	;8	;51	;466	;370	57.1	18.7	45.3	53.88	2.491	16.67	13.5	
10/1	M	;2	;0.8	;3.6	;46	;417	;375	20	16.1	2.3	82.12	4.031	5.005	<1	
11/1	M	;3	;0.8	;5.4	;53.2	;667	;410	31.8	18.8	12.5	77.3	3.171	10.18	18.76	
12/1	M	;2	;0.8	;5.2	;52.2	;428	;365	40.7	18.5	23.3	52.7	3.447	17.21	84.9	
13/1	F	;2	;2	;3.8	;50	;386	;350	34	18.8	16	87.26	3.653	8.056	12.61	
14/1	M	;2	;0.6	;2.4	;26.8	;239	;305	18.5	18.5	5.5	62.48	4.884	1.183	1.419	
15/1	F	;2	;4	;3	;40.4	;438	;375	19	18.3	3.5	94.64	5.875	6.608	3.87	
16/1	F	;2	;2.3	;3.2	;37.3	;383	;350	33.3	17.8		54.27	4.407	19.82	48.35	
17/1	M	;2	;0.8	;3.2	;34	;328	;330		18.3	4.8	61.86	4.605	10.32	59.51	
18/1	F	;2	;2.4	;2.4	;34.2	;302	;325		18.3	4.4	79.72	3.95	7.247	11.65	
19/1	F	;2	;0.8	;4	;40.4	;320	;315	34.6	17.6	15	56.9	4.771	15.91	1.398	
20/1	M	;1	;0.6	;3	;45.5	;380	;345		18.2	2.3	58.07	3.559	21.18	<1	
21/1	F	;1	;0.3	;2.4	;29	;206	;275	37	18.8		50.14	4.382	8.681	19.32	
22/1	F	;2	;2.8	;2.2	;38.1	;315	;320		17.7	3.5	57.95	3.938	12.22	20.78	
23/1	F	;1	;0.6	;1.2	;20.1	;178	;280		18.1	3.1	55.58	4.254	15.62	1.48	
24/1	F	;2	;1.2	;1.8	;29	;254	;310		17.7	3.9	66.96	3.455	5.309	3.218	
25/1	F	;1	;2.3	;2	;27.4	;249	;305		18.4		47.17	4.072	19.8	4.948	
26/1	X	;1.4	;1		;26.46	;225.2	;295			0.31					
27/1	X	;1.8	;1.48		;38.44	;329	;327			0.17					
28/1	X	;2	;2.14		;48.38	;423.6	;359			0.08					
29/1	X	;2.2	;1.48		;48.12	;518.8	;388			0.15					
30/1	F	;3	;11.2		;60	;1456	;536			0.24					
Mean		0	0	0	0,0	0,0	0,0	39,43	18,50	16,26	0,19	63,71	3,99	10,98	<21.91
Minimum		0	0	0	0,0	0,0	0,0	20,00	16,10	2,30	0,08	40,40	1,81	1,18	<1.00
Maximum		0	0	0	0,0	0,0	0,0	64,20	20,70	55,20	0,31	94,64	6,63	21,18	84,90

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J63 Sør fjorden** Tissue: All
 Locality : **53B Inner Sør fjord** Latitude: 60°10N Longitude: 6°34
 Catch,date : **20030930** Count: 25 Sample type: **Individual**

Analytical lab.		=>		NIVA	NIVA	NIVA	NIVA	NIVA	NIVA	NIVA	NIVA	NIVA		
Analysis code		=>		metan	metan	metan	metan	metan	metan	metan	metan	metan		
Detection limit		=> Mean		2	2	2	2	2	2	2	2	2.00		
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	DRYWT (LI) %	DRYWT (MU) %	EXLIP (LI) %	EXLIP (MU) %	PROTV (BL) mg/mL	PROTV (LIMIC) mg/mL/min/mg protein	ALAD (BL) μmol/min/mg protein	EROD (LI) μmol/min/mg protein
St.Dev		0	0	0	0,0	0,0	12,06	0,85	16,16	0,09	14,22	0,98	5,91	~27.03
Count		30	30	25	30	30	16	25	22	5	25	25	25	25

Comments

Station: Inner Sør fjord

sample no.

- 1 Skin with metacercariae of cf. Cryptocotyle lingua Age uncertain
- 2 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
- 3 Age uncertain Signs of mechanical damage (e.g., net wounds)
- 4 Skin with metacercariae of cf. Cryptocotyle lingua
- 6 Skin with metacercariae of cf. Cryptocotyle lingua
- 8 Skin with metacercariae of cf. Cryptocotyle lingua Bacterial fin rot
- 10 Skin with ulceration, lymphocytic areas and/or lesions
- 11 Age uncertain
- 13 Age uncertain
- 14 Age uncertain @41 Skin with ulceration, lymphocytic areas and/or lesions
- 17 Skin with metacercariae of cf. Cryptocotyle lingua
- 19 Age uncertain Signs of mechanical damage (e.g., net wounds)
- 20 Age uncertain
- 22 Skin with metacercariae of cf. Cryptocotyle lingua
- 23 Age uncertain
- 26 Bulk of NIVA no 21,23,25,14,24
- 27 Bulk of NIVA no 19,22,18,17,20 Skin with metacercariae of cf. Cryptocotyle lingua 22,17 Signs of mechanical damage (e.g., net wounds) no 19
- 28 Bulk of NIVA no 13,16,6,12,9 Skin with metacercariae of cf. Cryptocotyle lingua ,no 6
- 29 Bulk of NIVA no 10,15,8,7,11 Skin with metacercariae of cf. Cryptocotyle lingua no8 Bacterial fin rot no8 Skin with ulceration, lymphocytic areas and/or lesions 10
- 30 Bulk of NIVA no 2,5,4,1,3

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J63 Sør fjorden** Tissue: All
 Locality : **53B Inner Sør fjord** Latitude: 60°10N Longitude: 6°34
 Catch,date : **20040922** Count: 25 Sample type: **Individual**

Analytical lab.		=>														
Analysis code		=>														
Detection limit		=> Mean														
		NIVA		NIVA		NIVA		NIVA		NIVA		NIVA		NIVA		
		metan		metan		metan		metan		metan		metan		metan		
		2		2		2		2		2		2		2.00		
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngt mm	weight g	Dry %	Fat %	DRYWT (LI) %	DRYWT (MU) %	EXLIP (LI) %	EXLIP (MU) %	PROTV (BL) mg/mL	PROTV (LIMIC) mg/mL	ALAD (BL) μmol/min/mg protein	EROD (LI) μmol/min/mg protein	
1/1	M	;2	;0	;7	;60	;513	;385	40	19	21		66		4	15	49
2/1	M	;2	;1	;8	;54	;781	;440	33	19	16		68		4	15	22
3/1	M	;1	;0	;7	;65	;490	;375	36	19	34		36		3	13	43
4/1	F	;2	;7	;9	;52	;805	;440	47	19	14		68		5	11	4
5/1	M	;2	;0	;9	;57	;776	;442	32	18	15		63		4	8	11
6/1	M	;2	;0	;4	;57	;517	;387	19	19	2		61		4	6	28
7/1	F	;3	;6	;11	;67	;604	;410	51	19	32		69		4	3	4
8/1	F	;3	;5	;18	;61	;560	;393	68	19	56		78		2	9	64
9/1	M	;3	;0	;11	;54	;504	;370	44	18	28		65		3	9	14
10/1	M	;3	;0	;8	;49	;483	;371	40	20	24		64		4	10	0
11/1	M	;4	;1	;28	;74	;1025	;470	66	20	54		69		2	7	44
12/1	M	;3	;0	;9	;55	;675	;415	40	19	24		62		3	7	10
13/1	F	;3	;5	;20	;57	;833	;430	51	20	35		52		3	10	63
14/1	M	;3	;0	;10	;54	;519	;385	44	20	31		51		4	10	
15/1	F	;3	;2	;7	;54	;641	;410	29	18	10		70		4	12	46
16/1	F	;3	;4	;10	;54	;592	;393	48	18	32		62		3	14	61
17/1	M	;3	;0	;4	;51	;382	;365	21	18	2		75		4	9	6
18/1	F	;3	;3	;10	;53	;660	;428	44	19	27		62		4	11	20
19/1	F	;3	;2	;6	;50	;549	;400	29	19	13		58		4	14	5
20/1	F	;3	;0	;5	;49	;489	;375	31	20	12		65		6	12	11
21/1	F	;3	;2	;5	;57	;380	;350	40	19	24		59		4	10	104
22/1	M	;2	;0	;4	;63	;353	;330	33	19	20		58		4	9	7
23/1	F	;3	;6	;15	;62	;636	;410	48	19	39		58		3	12	7
24/1	F	;3	;5	;14	;52	;752	;450	54	19	42		60		3	7	66
25/1	F	;3	;3	;4	;53	;495	;400	19	18	3		56		2	12	20
26/1	X	;3	;1		;55	;420	;357		19		0					
27/1	X	;2	;0		;57	;506	;381		19		0					
28/1	F	;3	;3		;54	;567	;399		19		0					
29/1	X	;3	;4		;59	;682	;419		19		0					
30/1	X	;3	;3		;58	;828	;448		19		0					
Mean		0	0	0	0,0	0,0	0,0	40,28	18,97	24,40	0,00	62,20	3,60	10,20	29,54	
Minimum		0	0	0	0,0	0,0	0,0	19,00	18,00	2,00	0,00	36,00	2,00	3,00	0,00	
Maximum		0	0	0	0,0	0,0	0,0	68,00	20,00	56,00	0,00	78,00	6,00	15,00	104,00	

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J63 Sørkjorden** Tissue: All
 Locality : **53B Inner Sørkjord** Latitude: 60°10N Longitude: 6°34
 Catch,date : **20040922** Count: 25 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA		NIVA		NIVA		NIVA		NIVA	
Analysis code		=>		metan		metan		metan		metan		metan		metan	
Detection limit		=> Mean		2		2		2		2		2		2.00	
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngt mm	weight g	Dry %	Fat %	DRYWT (LI) %	DRYWT (MU) %	EXLIP (LI) %	EXLIP (MU) %	PROTV (BL) mg/mL	PROTV (LIMIC) mg/mL	ALAD (BL) μmol/min/mg protein	EROD (LI) μmol/min/mg protein
St.Dev		0	0	0	0,0	0,0	0,0	12,69	0,61	14,48	0,00	8,40	0,91	2,94	27,28
Count		30	30	25	30	30	30	25	30	25	5	25	25	25	24

Comments
 Fished 20-22.sept.2004

- sample no.
- 1 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
 - 2 Skin with metacercariae of cf. Cryptocotyle lingua
 - 3 Skin with metacercariae of cf. Cryptocotyle lingua
 - 4 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
 - 6 Age uncertain
 - 8 Liver with necrotic areas and/or discolouration
 - 11 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
 - 12 Skin with metacercariae of cf. Cryptocotyle lingua
 - 13 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
 - 14 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
 - 16 Skin with metacercariae of cf. Cryptocotyle lingua
 - 17 Skin with metacercariae of cf. Cryptocotyle lingua
 - 18 Skin with metacercariae of cf. Cryptocotyle lingua
 - 19 Skin with metacercariae of cf. Cryptocotyle lingua
 - 20 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
 - 21 Age uncertain
 - 23 Skin with metacercariae of cf. Cryptocotyle lingua
 - 24 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
 - 25 Skin with metacercariae of cf. Cryptocotyle lingua
 - 26 Bulk of NIVA no 22,21,17,9,10 Skin with metacercariae of cf. Cryptocotyle lingua no17
 - 27 Bulk of NIVA no 3,20,14,1,6 Skin with metacercariae of cf. Cryptocotyle lingua no 3,20,14,1
 - 28 Bulk of NIVA no 16,8,25,19,15 Skin with metacercariae of cf. Cryptocotyle lingua no 16,25,19, Liver with necrotic areas and/or discolouration no 8
 - 29 Bulk of NIVA no 7,23,12,18,13 Skin with metacercariae of cf. Cryptocotyle lingua no 23,12,13,18
 - 30 Bulk of NIVA no 2,4,5,24,11 Skin with metacercariae of cf. Cryptocotyle lingua no 2,4,11,24

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J63 Sør fjorden** Tissue: All
 Locality : **53B Inner Sør fjord** Latitude: 60°10N Longitude: 6°34
 Catch,date : **20051024** Count: 25 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA		NIVA		NIVA		NIVA		NIVA	
Analysis code		=>		metan		metan		metan		metan		metan		metan	
Detection limit		=> Mean		2		2		2		2		2		2.00	
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	DRYWT (MU) %	EXLIP (LI) %	EXLIP (MU) %	PROTV (BL) mg/mL w.wt	PROTV (LIMIC) mg/mL/min/mg protein w.wt/min/mg protein	ALAD (BL) mol/min/mg protein	EROD (LI) mol/min/mg protein		
1/1	M	;3	;3.93	10.72	;937.6	;468	;42	20	28.1	71.11	3.46	15.93	53.83		
2/1	F	;5	;16.84	;8.47	;1024	;475	;19	17	3	40.4	4.77	15.64	0.52		
3/1	M	;4	;13.63	25.87	;1240	;510	;54	19	44	75.24	3.78	12.38	70.74		
4/1	F	;5	;31.91	;48.8	;1886	;570	;49	18	35	59.69	5.73	13.52	39.18		
5/1	M	;3	;36.42	69.47	;3241	;635	;54	20	39	72.39	7.43	10.38	12.93		
6/1	M	;2	;4.45	15.72	;806.4	;466	;56	19	46	74.36	3.9	14.66	76.71		
7/1	M	;4	;3.55	;6.94	;966.4	;488	;28	18	8.7	81.64	6.18	10.43	5.24		
8/1	F	;1	;1.63	;2.53	;292.6	;333	;20	18	6.1	65.2	6.34	14.48	123.1		
9/1	F	;2	;0.95	;3.05	;443	;378	;38	18	4.7	37.16	5.61	9.42	64.72		
10/1	F	;2	;0.93	;2.88	;438	;374	;29	18	5	66.78	5.75	8.09	63.43		
11/1	M	;2	;0.21	;3.33	;346	;331	;9.1	18	4	73.67	4.65	6.57	98.14		
12/1	M	;2	;0.55	;2.93	;350.1	;340	;27	19	6.4	67.76	4.6	16.37	66.01		
13/1	F	;3	;1.01	;2.6	;260	;298	;17	19	14	71.6	4.36	19.83	109.9		
14/1	M	;3	;0.25	;2.06	;259.6	;320	;20	19	5.7	58.31	4.34	7.35	43.14		
15/1	F	;3	;0.4	;1.44	;209	;290		17	2.3	67.66	4.54	10.39	6.1		
16/1	F	;2	;0.51	;2.79	;215	;295	;25	19	4.5	48.97	4.07	6.12	55.18		
17/1	F	;3	;1.11	;1.9	;292	;321	;14	20	3.2	52.69	3.57	3.99	28.68		
18/1	M	;3	;0.18	;1.34	;189	;289		19	5.5	16.66	5.55	15.87	39.89		
19/1	F	;2	;0.58	;1.38	;184	;275		20	1.4	45.56	5.75	13.33	63.65		
20/1	M	;5	;15.62	46.02	;1761	;585	;63	18	59	53.17	2.69	9.65	53.89		
21/1	F	;3	;14.43	29.51	;1525	;558	;56	19	47	68.39	3.51	10.2	46.12		
22/1	M	;5	;8.36	35.16	;2385	;644	;46	18	41	57.22	3.52	10.39	80.83		
23/1	F	;4	;5.46	11.26	;1463	;535	;57	18	7	65.98	6.11	9.17	81.24		
24/1	F	;4	;21.13	;30	;1692	;575	;56	19	47	32.37	3.33	8.51	36.38		
25/1	M	;6	;6.27	21.65	;1856	;630	;28	18	12	65.7	5.53	13.03	4.51		
26/1	X	;2	;2.60	5.36	;211.4	;289.4			0.26						
27/1	X	;2	;2.2	0.75	;308.1	;329			0.26						
28/1	X	;2	;2.8	5.42	;729.8	;432.2			0.21						
29/1	X	;4	;13.8		;1416	;532.2			0.25						
30/1	X	;4	;6.17	5.6	;2187	;613.8			0.19						
Mean		0	0	0	0,0	0,0	0,0	18,60	19,18	0,23	59,59	4,76	11,43	52,96	
Minimum		0	0	0	0,0	0,0	0,0	17,00	1,40	0,19	16,66	2,69	3,99	0,52	
Maximum		0	0	0	0,0	0,0	0,0	20,00	59,00	0,26	81,64	7,43	19,83	123,10	

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J63 Sør fjorden** Tissue: All
 Locality : **53B Inner Sør fjord** Latitude: 60°10N Longitude: 6°34
 Catch,date : **20051024** Count: 25 Sample type: **Individual**

Analytical lab.	=>					NIVA	NIVA	NIVA	NIVA	NIVA	NIVA	NIVA	
Analysis code	=>					metan	metan	metan	metan	metan	metan	metan	
Detection limit	=> Mean					2	2	2	2	2	2	2.00	
Samp/ Sex	Age Wght	Lngt weight	Dry	Fat		DRYWT (MU)	EXLIP (LI)	EXLIP (MU)	PROTV (BL)	PROTV (LIMIC)	ALAD (BL)	EROD (LI)	
repl. F/M	year	g	mm g	%	%	%	%	%	mg/mL	mg/mL	min/mg protein	mol/min/mg pro	
no.									w.wt	w.wt	min/mg protein		
St.Dev	0	0	0	0,0	0,0	0,0	0,87	19,02	0,03	15,57	1,18	3,79	32,75
Count	30	30	25	30	30	22	25	25	5	25	25	25	25

Comments

Station: Inner Sør fjord

sample no.

- 1 Skin with metacercariae of cf. Cryptocotyle lingua
- 2 Skin with metacercariae of cf. Cryptocotyle lingua
- 3 Skin with metacercariae of cf. Cryptocotyle lingua
- 4 Skin with metacercariae of cf. Cryptocotyle lingua
- 5 Skin with metacercariae of cf. Cryptocotyle lingua
- 6 Skin with metacercariae of cf. Cryptocotyle lingua
- 7 Skin with metacercariae of cf. Cryptocotyle lingua
- 8 Skin with metacercariae of cf. Cryptocotyle lingua
- 9 Skin with metacercariae of cf. Cryptocotyle lingua
- 10 Skin with metacercariae of cf. Cryptocotyle lingua
- 11 Skin with metacercariae of cf. Cryptocotyle lingua
- 12 Skin with metacercariae of cf. Cryptocotyle lingua
- 13 Skin with metacercariae of cf. Cryptocotyle lingua
- 14 Skin with metacercariae of cf. Cryptocotyle lingua
- 15 Skin with metacercariae of cf. Cryptocotyle lingua
- 16 Skin with metacercariae of cf. Cryptocotyle lingua
- 17 Skin with metacercariae of cf. Cryptocotyle lingua
- 18 Skin with metacercariae of cf. Cryptocotyle lingua
- 19 Skin with metacercariae of cf. Cryptocotyle lingua
- 20 Skin with metacercariae of cf. Cryptocotyle lingua
- 21 Skin with metacercariae of cf. Cryptocotyle lingua
- 23 Skin with metacercariae of cf. Cryptocotyle lingua
- 24 Skin with metacercariae of cf. Cryptocotyle lingua
- 25 Skin with metacercariae of cf. Cryptocotyle lingua
- 26 Bulk of NIVA no 19,18,15,16,13 Skin with metacercariae of cf. Cryptocotyle lingua
- 27 Bulk of NIVA no 14,17,11,8,12 Skin with metacercariae of cf. Cryptocotyle lingua
- 28 Bulk of NIVA no 10,9,6,1,2 Skin with metacercariae of cf. Cryptocotyle lingua
- 29 Bulk of NIVA no 7,3,23,21,4 Skin with metacercariae of cf. Cryptocotyle lingua
- 30 Bulk of NIVA no 24,20,25,5,22 Skin with metacercariae of cf. Cryptocotyle lingua no 24,20,25,5

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J63 Sørfjorden** Tissue: All
 Locality : **53B Inner Soerfjord** Latitude: 60°10N Longitude: 6°34
 Catch,date : **20061010** Count: 99 Sample type: **Individual**

Analytical lab.		=>					NIVA	NIVA	NIVA	NIVA	NIVA	NIVA	NIVA	
Analysis code		=>					metan	metan	metan	metan	metan	metan	metan	
Detection limit		=> Mean					2	2	2	2	2	2	2.00	
Samp/ repl.	Sex F/M	Age year	Wght g	Lngt mm	weight g	Dry %	Fat %	DRYWT (MU) %	EXLIP (LI) %	EXLIP (MU) %	PROTV (BL) mg/mL	PROTV (LIMIC) mg/mL	ALAD (BL) min/mg protein	EROD (LI) min/mg protein
no.											w.wt	w.wt	w.wt	w.wt
1/1	F	;2	;3.4	;21	;684	;405	;63	19.5	49		26.95	1.614	33.72	79.34
2/1	F	;3	;12.6	;17	;1275	;518	;35	25.6	16		56.7	2.328	39.19	37.15
3/1	F	;3	;3.4	;15	;748	;440	;36	18.2	20		32.01	4.926	39.99	15.5
4/1	M	;5	;3.4	;23.8	;903	;477	;37	17.5	19		32.22	3.786	19.16	54.25
5/1	M	;4	;2.4	;18.2	;1335	;546	;45	18.4	41		32.67	3.528	20.01	2.05
6/1	M	;2	;0.6	;8.8	;642	;403	;46	18.9	12		58.39	3.18	33.19	46.07
7/1	F	;2	;6.8	;21.6	;855	;452	;67	19.3	56		29.63	2.508	43.23	61.57
8/1	F	;2	;6	;13.4	;733	;423	;40	18.8	25		22.19	3.72	24.4	67.45
9/1	F	;2	;3.8	;20.4	;591	;392	;70	19.6	60		47.1	2.13	23.85	68.74
10/1	M	;3	;2.6	;26	;1046	;487	;64	19.4	53		46.04	2.148	36.22	37.59
11/1	M	;2	;1.8	;14.8	;796	;399	;55	19.5	42		31.54	2.04	29.22	55.89
12/1	F	;2	;6	;25.6	;820	;436	;76	20.2	67		34.7	2.112	40.46	54.23
13/1	M	;2	;3	;28	;1349	;531	;61	18.8	50		40.79	2.922	22.64	62.84
14/1	M	;4	;1	;20.4	;803	;418	;56	19.5	50		32.45	3.108	34.22	66.65
15/1	F	;2	;4.6	;13.8	;719	;417	;62	19.1	52		35.55	2.166	33.33	65.65
16/1	M	;4	;3.2	;22.4	;1087	;500	;52	18.5	20		42.14	2.574	16.88	27.16
17/1	M	;3	;0.2	;13.6	;710	;421	;56	20.2	42		40.8	2.328	53.11	51.12
18/1	M	;2	;1.2	;17.2	;602	;398	;63	20.2	61		43	1.776	35.45	112.5
19/1	F	;2	;3.6	;11	;415	;378	;59	19.1	40		31.21	2.838	40.69	34.78
20/1	M	;2	;0.2	;9	;537	;377	;56	19.6	49		32.56	2.334	39.49	
21/1	F	;2	;3.4	;7	;584	;397	;46	19.6	29		49.93	4.104	28.74	1.56
22/1	F	;3	;6.4	;8	;419	;351	;51	19.9	40		55.85	2.82	7.361	12.36
23/1	M	;2	;0.4	;14	;626.4	;392	;61	19.6	52		46.93	2.544	23.24	64.93
24/1	M	;2	;0.6	;13.6	;510	;382	;64	20.2	45		56.36	1.794	34.28	47.86
25/1	F	;2	;2.6	;7	;511	;375	;48	19.2	32		30.75	3.048	44.52	82.99
26/1	X	;2.2	;2.68		;478.4	;372.6				0.36				
27/1	X	;2	;2.12		;639.9	;395.6				0.33				
28/1	X	;2.6	;1.96		;711.6	;412.8				0.35				
29/1	X	;2.8	;5.12		;811.8	;445.6				0.36				
30/1	X	;3.2	;4.76		;1218	;516.4				0.27				
Mean		0	0	0	0,0	0,0	0,0	19,54	40,88	0,33	39,54	2,74	31,86	50,43
Minimum		0	0	0	0,0	0,0	0,0	17,50	12,00	0,27	22,19	1,61	7,36	1,56
Maximum		0	0	0	0,0	0,0	0,0	25,60	67,00	0,36	58,39	4,93	53,11	112,50

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J63 Sørkjorden** Tissue: All
 Locality : **53B Inner Soerfjord** Latitude: 60°10N Longitude: 6°34
 Catch,date : **20061010** Count: 99 Sample type: **Individual**

Analytical lab.		=>		NIVA	NIVA	NIVA	NIVA	NIVA	NIVA	NIVA	NIVA			
Analysis code		=>		metan	metan	metan	metan	metan	metan	metan	metan			
Detection limit		=> Mean		2	2	2	2	2	2	2	2.00			
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngt mm	weight g	Dry %	Fat %	DRYWT (MU) %	EXLIP (LI) %	EXLIP (MU) %	PROTV (BL) mg/mL w.wt	PROTV (LIMIC) mg/mL w.wt	ALAD (BL) min/mg protein	EROD (LI) min/mg protein
St.Dev		0	0	0	0,0	0,0	0,0	1,43	15,37	0,04	10,30	0,80	10,30	26,35
Count		30	30	25	30	30	25	25	25	5	25	25	25	24

Comments

Station: Inner Sørkjord

sample no.

- 2 Liver with necrotic areas and/or discolouration Signs of mechanical damage (e.g., net wounds)
- 3 Age uncertain
- 4 Liver with necrotic areas and/or discolouration Age uncertain
- 5 Age unceratin
- 10 Age uncertain
- 11 Age uncertain
- 16 Liver with necrotic areas and/or discolouration Age uncertain
- 17 Age uncertain
- 18 Age uncertain
- 24 Age uncertain
- 26 Bulk NIVA no 22,25,20,19,24 Age uncertain no 24
- 27 Bulk NIVA no 9,23,21,18,11 Age uncertain no 11,18
- 28 Bulk NIVA no 6,1,15,14,17 Age uncertain no 17
- 29 Bulk NIVA no 8,12,3,7,4 Age uncertain no 3,4
- 30 Bulk of NIVA no 10,2,13,16,5 Age uncerian no 5,16,10

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: All
 Locality : **23B Karihavet area** Latitude: 59°54N Longitude: 5°8
 Catch,date : **20021019** Count: Sample type: **Individual**

Analytical lab. =>				NIVA		NIVA		NIVA		NIVA		NIVA		NIVA	
Analysis code =>				metan		metan		metan		metan		metan		metan	
Detection limit => Mean				2		2		2		2		2		2.00	
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngt mm	weight g	Dry %	Fat %	EXLIP (LI) %	PROTV (BL) mg/mL w.wt	PROTV (LICYT) mg/mL w.wt	PROTV (LIMIC) mg/mL w.wt	ALAD (BL) 'min/mg protein	EROD (LI) mol/min/mg pro	MT (LI) ug/mg protein	NIVA metan 2
1/1	F	3	45	115	2150,0	590,0	61,3	49	55.65	6.85	1.854	18.78	82.77	15.71	
2/1	F	5	32	38	3280,0	620,0	27,2	9	61.79	13.16	3.905	23.09	61.88	20.94	
3/1	M	2	4	43	1300,0	510,0	65,7	56	52.18	8.492	2.038	15.92	74.24	22.55	
4/1	M	2		76	1680,0	545,0	62,2	52	57.15	7.158	2.822	20.09	96.15	22.71	
5/1	F	3	11	77	2180,0	580,0	66,7	59	47.01	8.438	2.234	21.17	112.5	19.93	
6/1	M	3	1	61	1750,0	560,0	61,0	51	50	7.38	2.252	19.03	174.1	17.78	
7/1	F	3	29	60	1790,0	560,0	59,5	49	45.86	6.97	2.482	25.93	193.6	14.98	
8/1	F	3	5	38	1455,0	500,0	56,9	44	59.7	7.77	2.205	19.32	96.11	22.36	
9/1	F	5	162	106	2800,0	670,0	53,5	40	44.45	7.49	3.083	18.31	62.03	28.3	
10/1	F	2	2	14	701,0	410,0	59,2	48	63.07	10.04	2.872	29.95	133.5	11.43	
11/1	M	2	2	10	500,0	380,0	63,6	56	51.27	9.9	1.9	20.9	144.5	11.39	
12/1	M	2	2	9	770,0	430,0	30,7	12	46.43	16.4	4.958	18	2.172	13.77	
13/1	M	2	2	31	1320,0	510,0	54,9	41	43.92	10.07	3.473	26.26	261.2	20.3	
14/1	M	1	0	10	461,0	350,0	60,5	51	55.48	7.286	2.116	29.09	225.3	13.07	
15/1	M	2	1	28	983,0	460,0	61,0	49	44.27	10.21	2.403	19.37	59.34	14.05	
16/1	M	3	3	26	1354,0	520,0	56,6	23	37.67	10.64	2.64	11.31	150.3	20.34	
17/1	F	4	9	73	2600,0	610,0	57,4	48	47.45	8.5	2.358	15.88	128.6	23.25	
18/1	F	2	26	82	1610,0	540,0	71,6	64	42.88	7.176	1.768	19.26	69.53	20.63	
19/1	F	3	7	59	1900,0	580,0	61,9	50	47.27	7.946	2.383	18.69	124.4	17.38	
20/1	F	3	13	33	1917,0	580,0	42,6	28	50.27	11.4	3.384	24.04	109.3	35.31	
21/1	F	2	8	44	1050,0	480,0	61,7	50	44.98	8.672	2.663	20.92	127	11.19	
22/1	M	3	3	44	1432,0	530,0	64,5	56	41.97	7.546	2.266	19.2	65.91	21.06	
23/1	F	3	10	60	2040,0	590,0	65,8	56	51.37	6.688	1.772	13.96	102.8	25.09	
24/1	M	3	4	90	1900,0	590,0	72,2	63	54.51	5.78	1.651	29.14	93.16	20.61	
25/1	M	3	2	39	1635,0	540,0	57,8	47	50.27	9.126	2.985	22.78	41.59	16.55	
Mean		3	16	51	1622,3	529,4	58,2	46,04	49,87	8,84	2,58	20,82	111,68	19,23	
Minimum		1	0	9	461,0	350,0	27,2	9,00	37,67	5,78	1,65	11,31	2,17	11,19	
Maximum		5	162	115	3280,0	670,0	72,2	64,00	63,07	16,40	4,96	29,95	261,20	35,31	
St.Dev		1	33	29	689,1	77,2	10,6	14,11	6,43	2,32	0,76	4,65	58,17	5,63	
Count		25	24	25	25	25	25	25	25	25	25	25	25	25	25

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: All
 Locality : **23B Karihavet area** Latitude: 59°54N Longitude: 5°E
 Catch,date : **20031004** Count: 25 Sample type: **Individual**

Analytical lab. =>		NIVA		NIVA		NIVA		NIVA		NIVA		NIVA			
Analysis code =>		metan		metan		metan		metan		metan		metan			
Detection limit => Mean		2		2		2		2		2		2.00			
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr mm	weight g	Dry %	Fat %	DRYWT (LI) %	DRYWT (MU) %	EXLIP (LI) %	EXLIP (MU) %	PROTV (BL) mg/mL w.wt	PROTV (LIMIC) mg/mL/min/mg protein w.wt	ALAD (BL) μmol/min/mg protein	EROD (LI) μmol/min/mg protein
1/1	F	;5	;11.2	162.4	;52.4	;1560	;515	74.5	20.7	72		56.37	1.39	18.39	34.1
2/1	F	;6	;26.2	;192	;51.5	;1714	;540	76.8	17.8	70		73.86	0.955	12.65	21.02
3/1	F	;6	;19.1	;46.8	;50.2	;1711	;580	62.2	19	46		42.56	2.442	22.08	1.848
4/1	F	;6	;14	;29.7	;61.3	;2487	;620	28.7	18.6	9.1		61.65	3.702	24.71	43.57
5/1	F	;3	;3.2	;6.4	;53	;632	;415	37	19.7	9.5		61.06	5.89	18.51	17.28
6/1	F	;4	;9.6	;46.2	;50	;1305	;520	66.5	19.8	57		52.58	2.67	16.71	85.94
7/1	F	;4	;6.4	;197	;55.2	;1710	;530	73.1	19.5	63		81.8	1.45	8.955	33.03
8/1	F	;4	;19.8	;104	;51.6	;2921	;650	70.6	20	61		58.34	1.928	21.7	41.93
9/1	F	;6	;50	383.4	;73.4	;3156	;620	71.5	20.6	76		102.8	0.833	9.943	11.2
10/1	M	;3	;4.2	;51.6	;50.5	;1388	;520	69.2	19.4	61		55.46	1.695	19.75	94.32
11/1	M	;3	;2.2	;41.4	;55.3	;1385	;525	57.5	20.3	46		77.12	2.792	10.13	63
12/1	F	;3	;13.8	;74.5	;54.4	;1949	;590	68.4	20.8	60		80.9	1.849	11.98	61.25
13/1	F	;6	;16	102.8	;63.4	;2237	;600	75	19.8	69		63.57	1.695	19.72	35
14/1	M	;3	;1.8	;39.2	;49	;1208	;495	58.4	19.8	49		57.76	4.754	28.87	64.9
15/1	F	;4	;27	;51.4	;55.2	;1745	;570	63.2	17.9	79		56.54	2.447	26.08	45.4
16/1	F	;6	;14	;75.8	;66.7	;2305	;630	69.5	19.8	25		93.44	1.922	9.618	120.9
17/1	M	;3	;0.8	;41.2	;51.8	;980	;480	66.3	22.7	54		39.08	2.308	16.83	70.95
18/1	M	;3	;2	;283	;63.1	;1953	;535	68.4	21.5	64.7		71.28	1.488	9.926	14.4
19/1	M	;3	;0.6	;27.8	;51.6	;1372	;520	65.6	19.9	57		63.32	2.168	25.63	57.3
20/1	F	;5	;26.5	;103	;70.5	;3244	;690	63.5	19.4	54		79.18	1.929	12.56	49.53
21/1	F	;2	;1.5	;7	;50	;540	;385	64.2	18.8	57		68.88	4.884	9.49	48.75
22/1	F	;2	;0.8	;4.8	;56.8	;489	;380	40.8	19.7	6		52.55	3.731	21.11	22.58
23/1	M	;2	;1.8	;40.2	;50.1	;572	;375	33.9	20.5	19		41.98	1.703	26.38	33.35
24/1	F	;2	;1.4	;6.6	;52	;614	;390	76.4	19.3	68		81.12	4.486	11.01	5.12
25/1	M	;2	;0.8	;16.8	;52.8	;635	;410	32.6	20.2	13		84.16	2.962	8.781	23.78
26/1	X	;2	;1.26		;52.34	;570	;388				0.25				
27/1	X	;3.6	;5.32		;51.24	;1137	;485				0.24				
28/1	X	;3.2	;3.08		;55.14	;1562	;526				0.25				
29/1	F	;5	20.42		;54.94	;1871	;576				0.27				
30/1	F	;5.4	24.86		;64.7	;2823	;642				0.25				
Mean		0	0	0	0,0	0,0	0,0	61,35	19,82	49,81	0,25	66,29	2,56	16,86	44,02
Minimum		0	0	0	0,0	0,0	0,0	28,70	17,80	6,00	0,24	39,08	0,83	8,78	1,85
Maximum		0	0	0	0,0	0,0	0,0	76,80	22,70	79,00	0,27	102,80	5,89	28,87	120,90

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: All
 Locality : **23B Karihavet area** Latitude: 59°54N Longitude: 5°E
 Catch,date : **20031004** Count: 25 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA		NIVA		NIVA		NIVA		NIVA	
Analysis code		=>		metan		metan		metan		metan		metan		metan	
Detection limit		=> Mean		2		2		2		2		2		2.00	
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngt mm	weight g	Dry %	Fat %	DRYWT (LI) %	DRYWT (MU) %	EXLIP (LI) %	EXLIP (MU) %	PROTV (BL) mg/mL	PROTV (LIMIC) mg/mL/min/mg protein	ALAD (BL) mol/min/mg protein	EROD (LI) mol/min/mg protein
St.Dev		0	0	0	0,0	0,0	0,0	14,65	1,04	22,57	0,01	16,10	1,31	6,52	28,89
Count		30	30	25	30	30	30	25	25	25	5	25	25	25	25

Comments

Station: Karihavet area Fish sampled between 28.sep.and 4.oct 2003

sample no.

- 1 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex Only one eye
- 2 Liver and/or intestinal guts with larvae of Anisakis simplex
- 3 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex Bacterial fin rot
- 4 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex Bacterial fin rot
- 5 Age uncertain Bacterial fin rot
- 6 Liver and/or intestinal guts with larvae of Anisakis simplex
- 7 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
- 8 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
- 9 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua Liver and/or intestinal guts with larvae of Anisakis simplex
- 10 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
- 11 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
- 12 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
- 13 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua Gills with Lernaeocera copepods Liver and/or intestinal guts with larvae of Anisakis simplex
- 14 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua Skin with ulceration, lymphocytic areas and/or lesions Liver and/or intestinal guts with larvae of Anisakis simp.
- 15 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua Liver and/or intestinal guts with larvae of Anisakis simplex
- 16 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua Liver and/or intestinal guts with larvae of Anisakis simplex
- 17 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua Liver and/or intestinal guts with larvae of Anisakis simplex
- 18 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
- 19 Liver and/or intestinal guts with larvae of Anisakis simplex
- 20 Age uncertain Gills with Lernaeocera copepods
- 21 Age uncertain
- 22 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
- 23 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua Signs of mechanical damage (e.g., net wounds)
- 24 Liver and/or intestinal guts with larvae of Anisakis simplex
- 26 Bulk of NIVA no 21,22,23,24,25 Liver a/o intestinal guts with larvae of Anisakis simp 22,24 Skin with metacercariae of cf. Cryptocotyle lingua no23 Signs of mechanical damage (e.g
- 27 Bulk of NIVA no 5,17,14,1,6 Liver and/or intestinal guts with larvae of Anisakis simplex no1,6,14,17 Bacterial fin rot no6 Skin with metacercariae of cf. Cr.
- 28 Bulk of NIVA no 10,19,11,7,18 Liver and/or intestinal guts with larvae of Anisakis simplex no7,11,18,19 Skin with metacercariae of cf. Cryptocotyle lingua no10
- 29 Bulk of NIVA no 2,15,3,12,13 Bacterial fin rot no3 Liver and/or intestinal guts with larvae of Anisakis simplex Skin with metacercariae of cf. Cryptocotyle lingua no13,15 G
- 30 Bulk of Niva no 4,9,16,8,20 Bacterial fin rot no4 Liver and/or intestinal guts with larvae of Anisakis simplex no 4,9,16,8 Skin

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: All
 Locality : **23B Karihavet area** Latitude: 59°54N Longitude: 5°8
 Catch,date : **20040923** Count: 25 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA		NIVA		NIVA		NIVA		NIVA		
Analysis code		=>		metan		metan		metan		metan		metan		metan		
Detection limit		=> Mean		2		2		2		2		2		2.00		
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngt mm	weight g	Dry %	Fat %	DRYWT (LI) %	DRYWT (MU) %	EXLIP (LI) %	EXLIP (MU) %	PROTV (BL) mg/mL	PROTV (LIMIC) mg/mL	ALAD (BL) μmol/min/mg protein	EROD (LI) μmol/min/mg protein	
1/1	M	;4	;4	;21	;59	;1046	;503	50	19	31		48		4	15	5
2/1	F	;2	;4	;136	;83	;1915	;543	74	20	65		54		1	18	57
3/1	F	;4	;22	;71	;80	;1723	;560	63	19	52		65		2	19	142
4/1	F	;4	;16	;29	;62	;1534	;558	48	19	35		72		3	20	46
5/1	F	;3	;30	;56	;89	;2455	;641	57	18	47		57		3	20	123
6/1	M	;2	;2	;26	;63	;1394	;535	48	18	38		61		3	28	113
7/1	M	;5	;4	;12	;55	;1484	;562	23	18	7		63		4	16	3
8/1	M	;4	;3	;18	;57	;794	;435	44	20	29		50		3	22	60
9/1	F	;5	;30	;38	;65	;2628	;650	27	17	10		70		4	15	47
10/1	M	;3	;4	;32	;52	;1410	;520	54	19	41		52		3	20	20
11/1	M	;1	;0	;8	;52	;468	;378	57	19	42		60		3	23	38
12/1	M	;3	;1	;46	;56	;1511	;555	72	20	62		74		2	22	60
13/1	M	;2	;0	;6	;62	;620	;428	28	18	10		70		4	18	35
14/1	M	;3	;4	;31	;58	;1286	;515	47	18	33		55		3	21	27
15/1	F	;2	;7	;28	;60	;1033	;490	57	20	47		66		2	19	43
16/1	F	;2	;14	;32	;63	;1184	;480	59	19	49		55		3	19	62
17/1	M	;4	;4	;29	;52	;1154	;510	50	19	38		62		3	24	41
18/1	F	;2	;6	;49	;50	;1238	;500	68	19	61		53		2	21	81
19/1	F	;2	;9	;32	;53	;1156	;505	55	19	48		67		3	24	49
20/1	M	;3	;5	;26	;86	;3019	;660	82	21	76		56		1	19	24
21/1	M	;3	;3	;26	;67	;1410	;545	46	19	68		67		3	20	49
22/1	M	;3	;7	;76	;80	;2098	;590	64	20	52		48		2	19	90
23/1	F	;1	;2	;11	;52	;658	;430	51	20	3		56		3	23	4
24/1	F	;3	;19	;40	;72	;3080	;670	86	20	81		66		1	16	1
25/1	M	;5	;12	;62	;80	;3129	;700	47	17	33		64		4	19	32
26/1	X	;2	;4	;57		;745	;430				0					
27/1	X	;3	;6	;55		;1125	;502				0					
28/1	X	;3	;3	;65		;1483	;532				0					
29/1	X	;4	;10	;67		;1670	;565				0					
30/1	X	;4	;19	;79		;2862	;664				0					
Mean		0	0	0	0,0	0,0	0,0	54,28	19,00	42,32	0,00	60,44	2,76	20,00	50,08	
Minimum		0	0	0	0,0	0,0	0,0	23,00	17,00	3,00	0,00	48,00	1,00	15,00	1,00	
Maximum		0	0	0	0,0	0,0	0,0	86,00	21,00	81,00	0,00	74,00	4,00	28,00	142,00	

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: All
 Locality : **23B Karihavet area** Latitude: 59°54N Longitude: 5°8
 Catch,date : **20040923** Count: 25 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA		NIVA		NIVA		NIVA		NIVA	
Analysis code		=>		metan		metan		metan		metan		metan		metan	
Detection limit		=> Mean		2		2		2		2		2		2.00	
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngt mm	weight g	Dry %	Fat %	DRYWT (LI) %	DRYWT (MU) %	EXLIP (LI) %	EXLIP (MU) %	PROTV (BL) mg/mL	PROTV (LIMIC) mg/mL	ALAD (BL) μmol/min/mg protein	EROD (LI) μmol/min/mg protein
St.Dev		0	0	0	0,0	0,0	0,0	15,41	1,00	20,72	0,00	7,61	0,93	3,03	36,75
Count		30	30	25	30	30	30	25	25	25	5	25	25	25	25

Comments

Fished at depth 2-10m

sample no.

- 1 Signs of mechanical damage (e.g., net wounds) Skin with ulceration, lymphocytic areas and/or lesions Skin with metacercariae of cf. Cryptocotyle lingua
- 2 Liver and/or intestinal guts with larvae of Anisakis simplex
- 3 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
- 4 Skin with metacercariae of cf. Cryptocotyle lingua Liver and/or intestinal guts with larvae of Anisakis simplex
- 5 Skin with metacercariae of cf. Cryptocotyle lingua
- 6 Skin with metacercariae of cf. Cryptocotyle lingua
- 7 Skin with metacercariae of cf. Cryptocotyle lingua
- 8 Skin with metacercariae of cf. Cryptocotyle lingua
- 9 Skin with metacercariae of cf. Cryptocotyle lingua
- 10 Skin with metacercariae of cf. Cryptocotyle lingua
- 11 Skin with metacercariae of cf. Cryptocotyle lingua
- 12 Skin with metacercariae of cf. Cryptocotyle lingua
- 13 Skin with metacercariae of cf. Cryptocotyle lingua Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods
- 14 Gills with Lernaeocera copepods
- 15 Skin with metacercariae of cf. Cryptocotyle lingua Liver and/or intestinal guts with larvae of Anisakis simplex
- 16 Skin with metacercariae of cf. Cryptocotyle lingua
- 17 Skin with metacercariae of cf. Cryptocotyle lingua Liver and/or intestinal guts with larvae of Anisakis simplex
- 19 Liver and/or intestinal guts with larvae of Anisakis simplex
- 20 Liver and/or intestinal guts with larvae of Anisakis simplex
- 21 Skin with metacercariae of cf. Cryptocotyle lingua Gills with Lernaeocera copepods
- 22 Skin with metacercariae of cf. Cryptocotyle lingua
- 23 Skin with metacercariae of cf. Cryptocotyle lingua
- 24 Gills with Lernaeocera copepods
- 26 Bulk of NIVA no 11,13,23,8,16 Skin with metacercariae of cf. Cryptocotyle lingua Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods no2
- 27 Bulk of NIVA no 15,18,1,19,17 Skin with metacercariae of cf. Cryptocotyle lingua no1,15,17 Signs of mechanical damage (e.g., net wounds) no 1 Skin with ulceration, lymphocytic are
- 28 Bulk of NIVA no 14,10,6,2,21 Liver a/o intestinal guts with larvae of Anisakis simpl.no 2 Skin with metacercariae of cf. Cryptocotyle lingua no6,10,21 Gills with Lernaeocera copep
- 29 Bulk of NIVA no 12,4,3,7,22 Skin with metacercariae of cf. Cryptocotyle lingua Liver a/o intestinal guts with larvae of Anisakis simpl.no4
- 30 Bulk of niva no 5,9,20,24,25 Gills with Lernaeocera copepods no24 Liver a/o intestinal guts with larvae of Anisakis simpl.n20 Skin with metacercariae of cf. Cryptocotyle lingua no

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: All
 Locality : **23B Karihavet area** Latitude: 59°54N Longitude: 5°E
 Catch,date : **20051027** Count: 25 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA		NIVA		NIVA		NIVA		NIVA	
Analysis code		=>		metan		metan		metan		metan		metan		metan	
Detection limit		=> Mean		2		2		2		2		2		2	
Samp/ repl.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	DRYWT (MU) %	EXLIP (LI) %	EXLIP (MU) %	PROTV (BL) mg/mL	PROTV (LIMIC) mg/mL	ALAD (BL) min/mg protein	EROD (LI) min/mg protein		
1/1	F	;2	13.88	54.49	;1360	;500	;66	19	55	57.92	2.26	30.39	58.97		
2/1	F	;2	;2.12	;19	;912	;425	;45	19	28	72.48	3.33	33.41	39.08		
3/1	F	;2	;9.66	;8.61	;704	;430	;43	19	25	70.74	4.33	26.87	44.88		
4/1	M	;2	;2.37	20.08	;1033	;495	;54	19	41	74.43	2.4	32.79	62.24		
5/1	F	;2	11.77	42.42	;1386	;525	;65	20	56	77.24	1.68	30.11	62.96		
6/1	F	;5	70.32	155.1	;4000	;730	;67	17	57	73.84	2.9	24.54	37.2		
7/1	M	;4	12.61	181.1	;3595	;680	;70	20	61	77.73	1.97	23.77	63.06		
8/1	M	;2	;0.56	;7.02	;585	;390	;44	18	23	76.27	2.55	26.74	58.8		
9/1	F	;3	30.22	66.47	;2828	;650	;54	19	42	77.24	2.4	21.46	46.24		
10/1	F	;2	;3.45	11.81	;1317	;505	;38	19	18	72	3.42	24.05	76.52		
11/1	F	;4	34.91	91.63	;3512	;755	;64	19	55	69.57	2.1	39.17	42.73		
12/1	F	;3	13.27	53.91	;2021	;600	;65	19	58	69.73	2.14	39.41	50.32		
13/1	F	;3	36.49	99.21	;3077	;680	;55	20	39	48.16	4.04	18.15	83.54		
14/1	M	;5	21.62	41.24	;1450	;530	;55	19	38	65.98	2.77	22.63	9.99		
15/1	M	;3	11.08	115.7	;3338	;680	;71	19	65	71.22	2.1	24.5	46.18		
16/1	M	;2	;1.41	14.27	;940	;460	;47	19	31	69.14	3.86	26.46	76.32		
17/1	M	;2	;1.86	11.38	;618	;455	;52	19	36	60.34	2.6	28.27	1.59		
18/1	F	;4	26.84	155.8	;3788	;740	;71	20	62	70.83	2.23	27	42.55		
19/1	F	;5	28.39	70.41	;2192	;600	;60	19	48	67.92	2.4	29.42	30.84		
20/1	F	;3	;2.9	10.88	;614	;405	;53	20	36	66.09	4.12	25.42	48.62		
21/1	M	;4	18.24	;75	;3747	;730	;53	18	41	67.07	2.78	20.64	50.93		
22/1	M	;2	;0.44	16.15	;596	;390	;63	19	48	63.83	2.87	25.75	79.85		
23/1	F	;2	;11.1	27.24	;1153	;480	;57	19	45	64.22	2.85	24.78	70.33		
24/1	F	;2	;2.64	10.55	;672	;425	;54	19	42	54.77	2.5	23.9	62.16		
25/1	M	;2	;1.26	20.04	;632	;415	;70	19	66	72.29	2.42	22.21	50.81		
26/1	X	;2	;2.2	;1.56	;619.8	;405			0.22						
27/1	X	;2	;5.23	;865.4	;450				0.17						
28/1	X	;2	;6.10	;62	;1309	;511			0.14						
29/1	X	;3	;3.6	;24.2	;2743	;642			0.25						
30/1	M	;4	32.28	;3677	;727				0.21						
Mean		0	0	0	0,0	0,0	0,0	19,04	44,64	0,20	68,44	2,76	26,87	51,87	
Minimum		0	0	0	0,0	0,0	0,0	17,00	18,00	0,14	48,16	1,68	18,15	1,59	
Maximum		0	0	0	0,0	0,0	0,0	20,00	66,00	0,25	77,73	4,33	39,41	83,54	

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: All
 Locality : **23B Karihavet area** Latitude: 59°54N Longitude: 5°E
 Catch,date : **20051027** Count: 25 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA		NIVA		NIVA		NIVA		NIVA	
Analysis code		=>		metan		metan		metan		metan		metan		metan	
Detection limit		=> Mean		2		2		2		2		2		2.00	
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngt mm	weight g	Dry %	Fat %	DRYWT (MU) %	EXLIP (LI) %	EXLIP (MU) %	PROTV (BL) mg/mL	PROTV (LIMIC) w.wt	ALAD (BL) mg/mL	EROD (LI) mol/min/mg protein	EROD (LI) mol/min/mg protein
St.Dev		0	0	0	0,0	0,0	0,0	0,68	13,59	0,04	7,25	0,71	5,19	19,68	2
Count		30	30	25	30	30	25	25	25	5	25	25	25	25	25

Comments

Station: Karihavet area

sample no.

- 1 Skin with metacercariae of cf. Cryptocotyle lingua
- 3 Skin with metacercariae of cf. Cryptocotyle lingua
- 5 Skin with metacercariae of cf. Cryptocotyle lingua
- 6 Skin with metacercariae of cf. Cryptocotyle lingua Liver and/or intestinal guts with larvae of Anisakis simplex
- 7 Liver and/or intestinal guts with larvae of Anisakis simplex
- 10 Liver and/or intestinal guts with larvae of Anisakis simplex
- 11 Liver and/or intestinal guts with larvae of Anisakis simplex
- 12 Skin with ulceration, lymphocytic areas and/or lesions
- 13 Skin with metacercariae of cf. Cryptocotyle lingua
- 14 Skin with metacercariae of cf. Cryptocotyle lingua Skin and/or oral cavity with caligiform and/or Lernaepodiform copepods
- 15 Liver and/or intestinal guts with larvae of Anisakis simplex
- 18 Liver and/or intestinal guts with larvae of Anisakis simplex Skin and/or oral cavity with caligiform and/or Lernaepodiform copepods
- 19 Skin with metacercariae of cf. Cryptocotyle lingua
- 21 Liver and/or intestinal guts with larvae of Anisakis simplex
- 24 Skin with metacercariae of cf. Cryptocotyle lingua Liver and/or intestinal guts with larvae of Anisakis simplex Age uncertain
- 25 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
- 26 Bulk of NIVA no 8,22,20,25,24 Skin with metacercariae of cf. Cryptocotyle lingua no 24,25 Liver a/or intestinal guts with larvae of Anisakis simpl. 24
- 27 Bulk of NIVA no 2,3,17,16,23 Skin with metacercariae of cf. Cryptocotyle lingua no 3
- 28 Bulk of NIVA no 4,1,10,5,14 Age uncertain 24,25 Skin with metacercariae of cf. Cryptocotyle lingua 1,4,5,14 Liver a/or intestinal guts with larvae of Anisakis simpl.14
- 29 Bulk of NIVA no 12,19,9,13,7 Skin with ulceration, lymphocytic areas and/or lesions, 12 Skin with metacercariae of cf. Cryptocotyle lingua, 19,13 Liver a/or intestinal guts with larvae of Anisakis simplex
- 30 Bulk of NIVA no 15,21,6,18,11 Liver and/or intestinal guts with larvae of Anisakis simplex Skin with metacercariae of cf. Cryptocotyle lingua, 6 Skin and/or oral cavity with caligiform and/or Lernaepodiform copepods

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: All
 Locality : **23B Karihavet area** Latitude: 59°54N Longitude: 5°8
 Catch,date : **20060916** Count: 25 Sample type: **Individual**

Analytical lab.		=>					NIVA	NIVA	NIVA	NIVA	NIVA	NIVA	NIVA	
Analysis code		=>					metan	metan	metan	metan	metan	metan	metan	
Detection limit		=> Mean					2	2	2	2	2	2	2.00	
Samp/ repl.	Sex F/M	Age year	Wght g	Lngt mm	weight g	Dry %	Fat %	DRYWT (MU) %	EXLIP (LI) %	EXLIP (MU) %	PROTV (BL) mg/mL	PROTV (LIMIC) mg/mL	ALAD (BL) mol/min/mg protein	EROD (LI) mol/min/mg protein
1/1	M	;5	;10.2	;79.2	;3812	;730	;54	19.7	40		56.12	2.82	37.49	37.37
2/1	M	;3	;6	;26	;1618	;575	;34	17.3	17		52.64	4.404	38	27.11
3/1	M	;2	;2	;16	;1052	;495	;50	20.3	37		44.35	2.274	66.82	49.84
4/1	F	;2	;10	;21.8	;1133	;495	;48	19.3	33		53.82	2.88	63.69	114.9
5/1	M	;4	;8.2	;18.2	;2573	;580	;24	15.1	7.4		48.85	4.368	32.78	9.03
6/1	F	;2	;3.8	;25	;1428	;515	;49	19.6	33		48.12	3.018	34.11	94.3
7/1	F	;5	;14.6	;10.2	;1326	;548	;19	19.7	2.5		28.05	4.122	36.11	29.69
8/1	F	;2	;3	;13	;893	;443	;43	18.4	26		50.32	3.456	33.44	81.17
9/1	M	;3	;3	;23	;1608	;558	;37	18.7	22		44.01	4.194	35.17	56.87
10/1	M	;3	;2.8	;20.8	;868	;473	;44	16.9	32		44.42	4.128	43.13	11.42
11/1	F	;2	;6.8	;38.2	;1484	;418	;53	20.1	42		29.51	2.76	41.74	57.23
12/1	F	;3	;17.2	108.8	;3934	;700	;64	20.6	55		56.16	1.656	37.5	50.09
13/1	F	;3	;6.8	;14.2	;809	;432	;37	17.7	20		48	3.948	41.43	34.2
14/1	M	;3	;0.6	;7.8	;688	;428	;31	19.1	11		34.7	3.954	30.32	69.31
15/1	F	;2	;4.6	;14.8	;497	;472	;37	19.8	19		35.38	4.83	39.94	72
16/1	M	;2	;0.2	;8.2	;672	;445	;44	19.4	30		50.03	3.912	41.17	37.47
17/1	M	;3	;1.4	;38.8	;2484	;660	;55	19.8	40		58.64	2.55	32.69	58.4
18/1	F	;3	;11	;50.9	;2779	;640	;62	19.1	51		40.83	2.724	34.41	98.19
19/1	M	;2	;0.6	;7.4	;689	;408	;27	19.5	10		27.65	3.444	49.49	9.56
20/1	F	;2	;2.8	;34.2	;1543	;545	;61	19.6	52		36.09	2.004	50.89	65.97
21/1	M	;2	;0.6	;7.2	;728	;435	;27	18.7	11		54.94	3.378	38.01	120.2
22/1	F	;2	;5.6	;11.4	;1150	;505	;24	19.2	13		59.12	4.332	38.44	100.2
23/1	M	;2	;0.2	;10.8	;823	;432	;39	19.4	24		31.21	2.826	50.35	29.15
24/1	F	;4	;26	;41.2	;2029	;595	;48	18.3	36		57.38	2.97	54.27	91.27
25/1	M	;2	;0.6	;15	;1114	;485	;43	19.3	25		34.47	5.202	33.2	102.9
26/1	X	;2.4	;3		;898.6	;423.6				0.31				
27/1	X	;2.2	;2.24		;731.6	;453.6				0.36				
28/1	X	;2	;4.4		;1175	;499				0.31				
29/1	X	;3.4	;6.92		;1734	;561.2				0.28				
30/1	X	;3.6	13.16		;3008	;665				0.32				
Mean		0	0	0	0,0	0,0	0,0	18,98	27,56	0,32	44,99	3,45	41,38	60,31
Minimum		0	0	0	0,0	0,0	0,0	15,10	2,50	0,28	27,65	1,66	30,32	9,03
Maximum		0	0	0	0,0	0,0	0,0	20,60	55,00	0,36	59,12	5,20	66,82	120,20

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: All
 Locality : **23B Karihavet area** Latitude: 59°54N Longitude: 5°8
 Catch,date : **20060916** Count: 25 Sample type: **Individual**

Analytical lab.		=>		NIVA	NIVA	NIVA	NIVA	NIVA	NIVA	NIVA	NIVA		
Analysis code		=>		metan	metan	metan	metan	metan	metan	metan	metan		
Detection limit		=> Mean		2	2	2	2	2	2	2	2.00		
Samp/ Sex	Age	Wght	Lngt	weight	Dry	Fat	DRYWT (MU)	EXLIP (LI)	EXLIP (MU)	PROTV (BL)	PROTV (LIMIC)	ALAD (BL)	EROD (LI)
repl. F/M	year	g	mm	g	%	%	%	%	%	mg/mL	mg/mL	min/mg protein	mol/min/mg pro
no.										w.wt	w.wt	min/mg protein	2
St.Dev	0	0	0	0,0	0,0	0,0	1,20	14,52	0,03	10,28	0,91	9,54	33,40
Count	30	30	25	30	30	25	25	25	5	25	25	25	25

Comments

Station: Karihavet area

sample no.

- 2 Skin with metacercariae of cf. Cryptocotyle lingua Liver and/or intestinal guts with larvae of Anisakis simplex
- 4 Skin with metacercariae of cf. Cryptocotyle lingua
- 5 Liver and/or intestinal guts with larvae of Anisakis simplex
- 7 Skin with metacercariae of cf. Cryptocotyle lingua Skin and/or oral cavity with caligiform and/or Lernaepodiform copepods Liver and/or intestinal guts with larvae of Anisakis s.
- 9 Liver with necrotic areas and/or discolouration Signs of mechanical damage (e.g., net wounds)
- 11 Liver and/or intestinal guts with larvae of Anisakis simplex
- 12 Liver and/or intestinal guts with larvae of Anisakis simplex
- 16 Skin with metacercariae of cf. Cryptocotyle lingua
- 17 Skin with metacercariae of cf. Cryptocotyle lingua
- 18 Liver and/or intestinal guts with larvae of Anisakis simplex Skin with metacercariae of cf. Cryptocotyle lingua
- 21 Skin with metacercariae of cf. Cryptocotyle lingua
- 22 Skin with metacercariae of cf. Cryptocotyle lingua
- 24 Skin with metacercariae of cf. Cryptocotyle lingua Liver and/or intestinal guts with larvae of Anisakis simplex
- 26 Bulk NIVA no 19,11,14,13,23 Liver a/or intestinal guts w. larvae of Anisakis simpl.no 11
- 27 Bulk NIVA no 21,8,16,15,10 Skin with metacercariae of cf. Cryptocotyle lingua 21,16
- 28 Bulk NIVA no 25,3,4,22,6 Skin with metacercariae of cf. Cryptocotyle lingua 22,4
- 29 Bulk NIVA no 20,7,9,2,5 net wounds no9 Skin with metacercariae of cf. Cryptocotyle lingua no 7,2,5 Skin a/o oral cavity w.caligif.a/o Lernaepodif.Copepods7,2 Liver wi
- 30 Bulk NIVA no 24,18,17,12,1 Skin with metacercariae of cf. Cryptocotyle lingua 24,18,17 Liver a/o intestinal guts w. larv.of Anisakis simpl.24,18,12

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J26 Oslofjorden** Tissue: All
 Locality : **36G Færder** Latitude: 59°1.6N Longitude: 10°31.7
 Catch,date : **20021011** Count: Sample type: **Individual**

Analytical lab.		=>			
Analysis code		=>			
Detection limit		=> Mean			
Samp/ Sex	Age	Wght	Lngt weight	Dry	Fat
repl. F/M	year	g	mm g	%	%
no.					
1/3					
Mean					
Minimum					
Maximum					
St.Dev					
Count					

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J26 Oslofjorden** Tissue: All
 Locality : **36G Færder** Latitude: 59°1.6N Longitude: 10°31.7
 Catch,date : **20031009** Count: 25 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA	
Analysis code		=>		metan		metan	
Detection limit		=> Mean		2		2	
Samp/ Sex	Age	Wght	Lngt weight	Dry	Fat	WTMEA (SB)	DRYWT (SB)
repl. F/M	year	g	mm g	%	%	g	%
no.							
1/1 F	<;1	;2.4	;14 <;1	<;1	<;1	1.34	40.4
Mean	0	0	0	0,0	0,0	0,0	1,34
Minimum	0	0	0	0,0	0,0	0,0	1,34
Maximum	0	0	0	0,0	0,0	0,0	1,34
St.Dev							
Count	1	1	1	1	1	1	1

Comments
 !Station: Færder

sample no.
 1 !

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J26 Oslofjorden** Tissue: All
 Locality : **36G Færder** Latitude: 59°1.6N Longitude: 10°31.7
 Catch,date : **20041129** Count: 50 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA		
Analysis code		=>		metan		metan		
Detection limit		=> Mean		2		2		
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %
1/1	F	<;1	;2	;5 <;1	<;0	;	1	39
2/1	M	<;1	;1	;7 <;1	<;0	<;1	1	32
Mean		0	0	0	0,0	0,0	1,00	35,50
Minimum		0	0	0	0,0	0,0	1,00	32,00
Maximum		0	0	0	0,0	0,0	1,00	39,00
St.Dev		0	0	0	0,0	0,0	0,00	4,95
Count		2	2	2	2	2	2	2

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J26 Oslofjorden** Tissue: All
 Locality : **36G Færder** Latitude: 59°1.634N Longitude: 10°31.53
 Catch,date : **20051014** Count: 50 Sample type: **Individual**

Analytical lab.		=>					NIVA	NIVA
Analysis code		=>					metan	metan
Detection limit		=> Mean					2	2
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %
1/1	M	0.676;0.51;4.51 <;0.606 <;0.435 <;1.7					0.654	32
2/1	F						0.738	
Mean		0	0	0	0,0	0,0	0,70	32,00
Minimum		0	0	0	0,0	0,0	0,65	32,00
Maximum		0	0	0	0,0	0,0	0,74	32,00
St.Dev							0,06	
Count		1	1	1	1	1	2	1

Comments

!Station: Færder

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J26 Oslofjorden** Tissue: All
 Locality : **36G Faerder** Latitude: 59°1.06N Longitude: 10°31.07
 Catch,date : **20061108** Count: 50 Sample type: **Individual**

Analytical lab.		=>			NIVA	NIVA				
Analysis code		=>			metan	metan				
Detection limit		=> Mean			2	2				
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %		
1/1	F		3.38	2.55	2.05	<3.03	<2.175	<1.695	1.317	40
52/1	M						1.28			
Mean		0	0	0	0,0	0,0	0,0	1,30	40,00	
Minimum		0	0	0	0,0	0,0	0,0	1,28	40,00	
Maximum		0	0	0	0,0	0,0	0,0	1,32	40,00	
St.Dev								0,03		
Count		1	1	1	1	1	1	2		1

Comments
 !Station: Færder

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J26 Oslofjorden** Tissue: All
 Locality : **71G Fugløykjær** Latitude: 58°58.95N Longitude: 9°48.5
 Catch,date : **20021009** Count: Sample type: **Individual**

Analytical lab.		=>					
Analysis code		=>					
Detection limit		=> Mean					
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngt mm	weight g	Dry %	Fat %
1/3							
Mean							
Minimum							
Maximum							
St.Dev							
Count							

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J26 Oslofjorden** Tissue: All
 Locality : **71G Fugløyskjær** Latitude: 58°58.95N Longitude: 9°48.5
 Catch,date : **20031008** Count: 25 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA			
Analysis code		=>		metan		metan			
Detection limit		=> Mean		2		2			
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngt mm	weight g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %
1/1	F	<1	6.5	36	<1	<1	<1	1.3	37.4
Mean		0	0	0	0,0	0,0	0,0	1,30	37,40
Minimum		0	0	0	0,0	0,0	0,0	1,30	37,40
Maximum		0	0	0	0,0	0,0	0,0	1,30	37,40
St.Dev									
Count		1	1	1	1	1	1	1	1

Comments
 !Station: Fugløyskjær

sample no.
 1 !

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J26 Oslofjorden** Tissue: All
 Locality : **71G Fugløyskjær** Latitude: 58°58.95N Longitude: 9°48.5
 Catch,date : **20041021** Count: 21 Sample type: **Individual**

Analytical lab.		=>			NIVA	NIVA		
Analysis code		=>			metan	metan		
Detection limit		=> Mean			2	2		
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %
1/1	F	<;1	;3	;17 <;1	<;0	<;1	1	36
23/1	M						1	
Mean		0	0	0	0,0	0,0	1,00	36,00
Minimum		0	0	0	0,0	0,0	1,00	36,00
Maximum		0	0	0	0,0	0,0	1,00	36,00
St.Dev							0,00	
Count		1	1	1	1	1	2	1

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
Sample area: **J26 Oslofjorden** Tissue: All
Locality : **71G Fugløyskjær** Latitude: 58°58.845N Longitude: 9°48.458
Catch,date : **20051005** Count: 16 Sample type: **Individual**

Analytical lab.	=>					
Analysis code	=>					
Detection limit	=> Mean					
Samp/ Sex	Age	Wght	Lngt	weight	Dry	Fat
repl. F/M	year	g	mm	g	%	%
no.						
1/1	X					;1.22

Comments
!Station: Fugløyskjær er ikke analysert

sample no.
1 Blandprøve med 8 hunner og 8 hanner. Penis leng. Han 4,11 SH:29,53 Penis.leng. Hun 1,39 SH:30,5 Prøven er ikke analysert

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J26 Oslofjorden** Tissue: All
 Locality : **71G Fugloeyksjaer** Latitude: 58°58.095N Longitude: 9°48.05
 Catch,date : **20061108** Count: 4 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA		
Analysis code		=>		metan		metan		
Detection limit		=> Mean		2		2		
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %
1/1	X			;3.38 ;2.55 ;4.92 <;3.03 <;2.175 <;1.695			1.232	28
Mean		0	0	0	0,0	0,0	1,23	28,00
Minimum		0	0	0	0,0	0,0	1,23	28,00
Maximum		0	0	0	0,0	0,0	1,23	28,00
St.Dev								
Count		1	1	1	1	1	1	1

Comments
 !Station: Fugløyskjær

sample no.
 1 Female penis = 1,7 stage= 4 Male penis = 3,8

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **76G Risøy** Latitude: 58°43.06N Longitude: 9°17
 Catch,date : **20020917** Count: Sample type: **Individual**

Analytical lab.		=>				
Analysis code		=>				
Detection limit		=> Mean				
Samp/ Sex	Age	Wght	Lngt	weight	Dry	Fat
repl. F/M	year	g	mm	g	%	%
no.						
1/3						
Mean						
Minimum						
Maximum						
St.Dev						
Count						

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **76A Risøy** Latitude: 58°43.6N Longitude: 9°17'
 Catch,date : **20030916** Count: 42 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA		
Analysis code		=>		metan		metan		
Detection limit		=> Mean		2		2		
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %
1/1	F	<;1	;3.3	;16 <;1	<;1	<;1	0.792	34.6
Mean		0	0	0	0,0	0,0	0,79	34,60
Minimum		0	0	0	0,0	0,0	0,79	34,60
Maximum		0	0	0	0,0	0,0	0,79	34,60
St.Dev								
Count		1	1	1	1	1	1	1

Comments
 !Station: Risøy

sample no.
 1 !

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **76G Risøy** Latitude: 58°43.6N Longitude: 9°17
 Catch,date : **20041011** Count: 50 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA		
Analysis code		=>		metan		metan		
Detection limit		=> Mean		2		2		
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %
1/1	F	<;1	;2	;9 <;1	<;0	<;1	1	32
52/1	M						1	
Mean		0	0	0	0,0	0,0	1,00	32,00
Minimum		0	0	0	0,0	0,0	1,00	32,00
Maximum		0	0	0	0,0	0,0	1,00	32,00
St.Dev							0,00	
Count		1	1	1	1	1	2	1

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **76G Risøy** Latitude: 58°43.681N Longitude: 9°16.529
 Catch,date : **20051017** Count: 50 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA						
Analysis code		=>		metan		metan						
Detection limit		=> Mean		2		2						
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %				
1/1	M	0.676	0.663	5.74	<	0.606	<	0.435	<	1.7	0.848	30
2/1	F							1.04				
Mean		0	0	0	0,0	0,0	0,0	0,94			30,00	
Minimum		0	0	0	0,0	0,0	0,0	0,85			30,00	
Maximum		0	0	0	0,0	0,0	0,0	1,04			30,00	
St.Dev								0,14				
Count		1	1	1	1	1	1	2			1	

Comments
 !Station: Risøy

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **76G Risøey** Latitude: 58°43.06N Longitude: 9°17
 Catch,date : **20061002** Count: 50 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA						
Analysis code		=>		metan		metan						
Detection limit		=> Mean		2		2						
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %				
1/1	F	;	3.38	;2.55	2.296	<;	3.03	<;2.175	<;	1.695	1.155	34
2/1	M						23.28					
Mean		0	0	0	0,0	0,0	0,0	12,22			34,00	
Minimum		0	0	0	0,0	0,0	0,0	1,16			34,00	
Maximum		0	0	0	0,0	0,0	0,0	23,28			34,00	
St.Dev								15,64				
Count		1	1	1	1	1	1	2			1	

Comments
 !Station: Risøey

sample no.
 2 not analyzed

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **131G Lastad** Latitude: 58°3.3N Longitude: 7°42.4
 Catch,date : **20020919** Count: Sample type: **Individual**

Analytical lab.		=>				
Analysis code		=>				
Detection limit		=> Mean				
Samp/ Sex	Age	Wght	Lngt	weight	Dry	Fat
repl. F/M	year	g	mm	g	%	%
no.						
1/3						
Mean						
Minimum						
Maximum						
St.Dev						
Count						

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **131G Lastad** Latitude: 58°3.3N Longitude: 7°42.4
 Catch,date : **20030918** Count: 38 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA		
Analysis code		=>		metan		metan		
Detection limit		=> Mean		2		2		
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %
1/1	F	<;1	;2.8	;11 <;1	<;1	<;1	0.434	35.8
Mean		0	0	0	0,0	0,0	0,43	35,80
Minimum		0	0	0	0,0	0,0	0,43	35,80
Maximum		0	0	0	0,0	0,0	0,43	35,80
St.Dev								
Count		1	1	1	1	1	1	1

Comments
 !Station: Lastad

sample no.
 1 !

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **131G Lastad** Latitude: 58°3.3N Longitude: 7°42.4
 Catch,date : **20041102** Count: 50 Sample type: **Individual**

Analytical lab.		=>			NIVA	NIVA		
Analysis code		=>			metan	metan		
Detection limit		=> Mean			2	2		
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %
1/1	F	<;1	;1	;7 <;1	<;0	<;1	0	32
52/1	M						0	
Mean		0	0	0	0,0	0,0	0,00	32,00
Minimum		0	0	0	0,0	0,0	0,00	32,00
Maximum		0	0	0	0,0	0,0	0,00	32,00
St.Dev							0,00	
Count		1	1	1	1	1	2	1

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **131G Lastad** Latitude: 58°3.334N Longitude: 7°42.518
 Catch,date : **20051117** Count: 50 Sample type: **Individual**

Analytical lab.		=>					NIVA	NIVA
Analysis code		=>					metan	metan
Detection limit		=> Mean					2	2
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %
1/1	M	0.676;0.51;2.71 <;0.606 <;0.435 <;1.7					0.323	30
2/1	F						0.46	
Mean		0	0	0	0,0	0,0	0,39	30,00
Minimum		0	0	0	0,0	0,0	0,32	30,00
Maximum		0	0	0	0,0	0,0	0,46	30,00
St.Dev							0,10	
Count		1	1	1	1	1	2	1

Comments

Station: Lastad

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **131G Lastad** Latitude: °N Longitude: °
 Catch,date : **20061004** Count: 37 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA			
Analysis code		=>		metan		metan			
Detection limit		=> Mean		2		2			
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %	
1/1	F	;	3.38;2.55	2.706	<;3.03	<;2.175	<;1.695	0.3488	28
2/1	M						0.27		
Mean		0	0	0	0,0	0,0	0,0	0,31	28,00
Minimum		0	0	0	0,0	0,0	0,0	0,27	28,00
Maximum		0	0	0	0,0	0,0	0,0	0,35	28,00
St.Dev							0,06		
Count		1	1	1	1	1	1	2	1

Comments
 !Station: Lastad

sample no.
 2 not analyzed

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **15G Gåsøy** Latitude: 58°3.01N Longitude: 6°43.03
 Catch,date : **20020916** Count: Sample type: **Individual**

Analytical lab.		=>				
Analysis code		=>				
Detection limit		=> Mean				
Samp/ Sex	Age	Wght	Lngt	weight	Dry	Fat
repl. F/M	year	g	mm	g	%	%
no.						
1/3						
Mean						
Minimum						
Maximum						
St.Dev						
Count						

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **15G Gåsøy** Latitude: 58°3.01N Longitude: 6°43.03
 Catch,date : **20030918** Count: 31 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA		
Analysis code		=>		metan		metan		
Detection limit		=> Mean		2		2		
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %
1/1	F	<;1	;1.7	;9.8	<;1	<;1	0.613	36.7
Mean		0	0	0	0,0	0,0	0,61	36,70
Minimum		0	0	0	0,0	0,0	0,61	36,70
Maximum		0	0	0	0,0	0,0	0,61	36,70
St.Dev								
Count		1	1	1	1	1	1	1

Comments
 !Station: Gåsøy

sample no.
 1 !

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **15G Gåsøy** Latitude: 58°3.1N Longitude: 6°43.3
 Catch,date : **20041102** Count: 50 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA		
Analysis code		=>		metan		metan		
Detection limit		=> Mean		2		2		
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %
1/1	M	<;1	<;1	;4 <;1	<;0	<;1	1	35
2/1	F	<;1	;1	;4 ;1	<;0	<;1	1	37
Mean		0	0	0	0,0	0,0	1,00	36,00
Minimum		0	0	0	0,0	0,0	1,00	35,00
Maximum		0	0	0	0,0	0,0	1,00	37,00
St.Dev		0	0	0	0,0	0,0	0,00	1,41
Count		2	2	2	2	2	2	2

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **15G Gåsøy** Latitude: 58°3.033N Longitude: 6°53.092
 Catch,date : **20051010** Count: 30 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA		
Analysis code		=>		metan		metan		
Detection limit		=> Mean		2		2		
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %
1/1	M	0.676;0.51;2.91 <;0.606 <;0.435 <;1.7					0.681	33
2/1	F						0.786	
Mean		0	0	0	0,0	0,0	0,73	33,00
Minimum		0	0	0	0,0	0,0	0,68	33,00
Maximum		0	0	0	0,0	0,0	0,79	33,00
St.Dev							0,07	
Count		1	1	1	1	1	2	1

Comments

!Station: Gåsøy

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **15G Gaasoy (Ulleroe)** Latitude: 58°3.01N Longitude: 6°43.03
 Catch,date : **20061003** Count: 50 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA		
Analysis code		=>		metan		metan		
Detection limit		=> Mean		2		2		
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %
1/1	F						0.615	39
2/1	M						0.5319	
Mean		0	0	0	0,0	0,0	0,57	39,00
Minimum		0	0	0	0,0	0,0	0,53	39,00
Maximum		0	0	0	0,0	0,0	0,62	39,00
St.Dev							0,06	
Count		1	1	1	1	1	2	1

Comments
 !Station: Gåsøy (Ullerø)

sample no.
 2 not analyzed

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **22G Espevær (west)** Latitude: 58°34.75N Longitude: 5°8.9
 Catch,date : **20021014** Count: Sample type: **Individual**

Analytical lab.		=>				
Analysis code		=>				
Detection limit		=> Mean				
Samp/ Sex	Age	Wght	Lngt	weight	Dry	Fat
repl. F/M	year	g	mm	g	%	%
no.						
1/3						
Mean						
Minimum						
Maximum						
St.Dev						
Count						

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **22G Espevær (west)** Latitude: 58°34.75N Longitude: 5°8.9
 Catch,date : **20031006** Count: 20 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA		
Analysis code		=>		metan		metan		
Detection limit		=> Mean		2		2		
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %
1/1	F	<;1	;5.9	;49 <;1	<;1	;1.2	1	37.1
Mean		0	0	0	0,0	0,0	1,00	37,10
Minimum		0	0	0	0,0	0,0	1,00	37,10
Maximum		0	0	0	0,0	0,0	1,00	37,10
St.Dev								
Count		1	1	1	1	1	1	1

Comments
 !Station: Espevær vest

sample no.
 1 !

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **22G Espevær (west)** Latitude: 58°34.75N Longitude: 5°8.9
 Catch,date : **20041012** Count: 51 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA		
Analysis code		=>		metan		metan		
Detection limit		=> Mean		2		2		
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %
1/1	F	<;1	;2	;30 <;1	<;0	<;1	1	37
2/1	M	<;1	;2	;26 <;1	<;0	<;1	0	32
Mean		0	0	0	0,0	0,0	0,50	34,50
Minimum		0	0	0	0,0	0,0	0,00	32,00
Maximum		0	0	0	0,0	0,0	1,00	37,00
St.Dev		0	0	0	0,0	0,0	0,71	3,54
Count		2	2	2	2	2	2	2

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **22G Espevær (west)** Latitude: 59°35.016N Longitude: 5°8.667
 Catch,date : **20050926** Count: 50 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA						
Analysis code		=>		metan		metan						
Detection limit		=> Mean		2		2						
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %				
1/1	M	0.676	1.73	17.63	<	0.606	<	0.435	<	1.7	0.489	33
2/1	F							0.506				
Mean		0	0	0	0,0	0,0	0,0	0,50			33,00	
Minimum		0	0	0	0,0	0,0	0,0	0,49			33,00	
Maximum		0	0	0	0,0	0,0	0,0	0,51			33,00	
St.Dev								0,01				
Count		1	1	1	1	1	1	2			1	

Comments

!Station: Espevær vest

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **22G Espevaer vest** Latitude: 59°34.075N Longitude: 5°8.09
 Catch,date : **20060915** Count: 50 Sample type: **Individual**

Analytical lab.		=>		NIVA			NIVA			
Analysis code		=>		metan			metan			
Detection limit		=> Mean		2			2			
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %		
1/1	F	;	3.38	;2.55	3.649	<;3.03	<;2.175	<;1.695	0.6214	34
2/1	M						0.5723			
Mean		0	0	0	0,0	0,0	0,0	0,60	34,00	
Minimum		0	0	0	0,0	0,0	0,0	0,57	34,00	
Maximum		0	0	0	0,0	0,0	0,0	0,62	34,00	
St.Dev							0,03			
Count		1	1	1	1	1	1	2		1

Comments
 !Station: Espevær vest

sample no.
 2 not analyzed

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **220G Smørstakk** Latitude: 59°15.21N Longitude: 5°21.14
 Catch,date : **20041013** Count: 52 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA		
Analysis code		=>		metan		metan		
Detection limit		=> Mean		2		2		
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %
1/1	F	<;1	;2	;21 <;1	<;0	<;1	1	41
2/1	M	<;1	;2	;14 ;1	<;0	<;1	1	34
Mean		0	0	0	0,0	0,0	1,00	37,50
Minimum		0	0	0	0,0	0,0	1,00	34,00
Maximum		0	0	0	0,0	0,0	1,00	41,00
St.Dev		0	0	0	0,0	0,0	0,00	4,95
Count		2	2	2	2	2	2	2

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **227G1 Melandholmen** Latitude: 59°20.04N Longitude: 5°18.9
 Catch,date : **20021013** Count: Sample type: **Individual**

Analytical lab. =>					
Analysis code =>					
Detection limit => Mean					
Samp/ Sex	Age	Wght	Lngt weight	Dry	Fat
repl. F/M	year	g	mm g	%	%
no.					
1/3					
Mean					
Minimum					
Maximum					
St.Dev					
Count					

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **227G2 Melandholmen** Latitude: 59°20.04N Longitude: 5°18.9
 Catch,date : **20031007** Count: 24 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA		
Analysis code		=>		metan		metan		
Detection limit		=> Mean		2		2		
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %
1/1	F	<;1	;18	;150 <;1	<;1	;2	0.638	41.7
Mean		0	0	0	0,0	0,0	0,64	41,70
Minimum		0	0	0	0,0	0,0	0,64	41,70
Maximum		0	0	0	0,0	0,0	0,64	41,70
St.Dev								
Count		1	1	1	1	1	1	1

Comments
 !Station: Melandholmen

sample no.
 1 !

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **227G2 Melandholmen** Latitude: 59°20.4N Longitude: 5°18.9
 Catch,date : **20041013** Count: 50 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA		
Analysis code		=>		metan		metan		
Detection limit		=> Mean		2		2		
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %
1/1	F	<;1	;4	;40 <;1	<;0	<;1	1	38
52/1	M						1	
Mean		0	0	0	0,0	0,0	1,00	38,00
Minimum		0	0	0	0,0	0,0	1,00	38,00
Maximum		0	0	0	0,0	0,0	1,00	38,00
St.Dev							0,00	
Count		1	1	1	1	1	2	1

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **227G2 Melandholmen** Latitude: 59°20.007N Longitude: 5°18.903
 Catch,date : **20050926** Count: 50 Sample type: **Individual**

Analytical lab.		=>			NIVA	NIVA			
Analysis code		=>			metan	metan			
Detection limit		=> Mean			2	2			
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %	
1/1	M	0.676	4.13	32.39	<0.606	<0.435	<1.7	0.699	33
2/1	F							0.723	
Mean		0	0	0	0,0	0,0	0,0	0,71	33,00
Minimum		0	0	0	0,0	0,0	0,0	0,70	33,00
Maximum		0	0	0	0,0	0,0	0,0	0,72	33,00
St.Dev								0,02	
Count		1	1	1	1	1	1	2	1

Comments

!Station: Melandholmen

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **227G2 Flatskjaer** Latitude: °N Longitude: °
 Catch,date : **20060917** Count: 50 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA			
Analysis code		=>		metan		metan			
Detection limit		=> Mean		2		2			
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %	
1/1	F	3.38	3.009	10.66	<;3.03	<;2.175	<;1.695	0.8594	40
2/1	M						0.7406		
Mean		0	0	0	0,0	0,0	0,0	0,80	40,00
Minimum		0	0	0	0,0	0,0	0,0	0,74	40,00
Maximum		0	0	0	0,0	0,0	0,0	0,86	40,00
St.Dev								0,08	
Count		1	1	1	1	1	1	2	1

Comments
 !Station: Flatskjær

sample no.
 2 not analyzed

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **24G Vardøy** Latitude: 60°10.2N Longitude: 5°0.8
 Catch,date : **20040922** Count: 50 Sample type: **Individual**

Analytical lab.		=>			NIVA	NIVA		
Analysis code		=>			metan	metan		
Detection limit		=> Mean			2	2		
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %
1/1	F	<;1	;1	;9 <;1	<;0	<;1	1	35
Mean		0	0	0	0,0	0,0	1,00	35,00
Minimum		0	0	0	0,0	0,0	1,00	35,00
Maximum		0	0	0	0,0	0,0	1,00	35,00
St.Dev								
Count		1	1	1	1	1	1	1

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J65 Orkdalsfjorden** Tissue: All
 Locality : **82G Flakk** Latitude: 63°27N Longitude: 10°12.6
 Catch,date : **20040904** Count: 50 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA		
Analysis code		=>		metan		metan		
Detection limit		=> Mean		2		2		
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %
1/1	F	<;1	;2	;14 ;	<;0	<;1	1	37
52/1	M						1	
Mean		0	0	0	0,0	0,0	1,00	37,00
Minimum		0	0	0	0,0	0,0	1,00	37,00
Maximum		0	0	0	0,0	0,0	1,00	37,00
St.Dev							0,00	
Count		1	1	1	1	1	2	1

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J65 Orkdalsfjorden** Tissue: All
 Locality : **87G Ingdalsbukt** Latitude: 63°27.8N Longitude: 9°54.8
 Catch,date : **20040904** Count: 50 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA		
Analysis code		=>		metan		metan		
Detection limit		=> Mean		2		2		
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %
1/1	F	<;1	;1	;8 <;1	<;0	;	1	37
52/1	M						1	
Mean		0	0	0	0,0	0,0	1,00	37,00
Minimum		0	0	0	0,0	0,0	1,00	37,00
Maximum		0	0	0	0,0	0,0	1,00	37,00
St.Dev							0,00	
Count		1	1	1	1	1	2	1

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **25G Hinnøya** Latitude: 61°22.2N Longitude: 4°52.8
 Catch,date : **20040921** Count: 50 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA		
Analysis code		=>		metan		metan		
Detection limit		=> Mean		2		2		
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %
1/1	F	<;1	;1	;10 <;1	<;0	<;1	1	35
52/1	M						1	
Mean		0	0	0	0,0	0,0	1,00	35,00
Minimum		0	0	0	0,0	0,0	1,00	35,00
Maximum		0	0	0	0,0	0,0	1,00	35,00
St.Dev							0,00	
Count		1	1	1	1	1	2	1

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **26G Hamnen** Latitude: 61°52.6N Longitude: 5°13.3
 Catch,date : **20040921** Count: 50 Sample type: **Individual**

Analytical lab.	=>						NIVA
Analysis code	=>						metan
Detection limit	=> Mean						2
Samp/ Sex	Age	Wght	Lngt	weight	Dry	Fat	DRYWT (SB)
repl. F/M	year	g	mm	g	%	%	%
no.							
1/1 F	<;1	;1	;7	<;1	<;0	<;1	32
Mean	0	0	0	0,0	0,0	0,0	32,00
Minimum	0	0	0	0,0	0,0	0,0	32,00
Maximum	0	0	0	0,0	0,0	0,0	32,00
St.Dev							
Count	1	1	1	1	1	1	1

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **27G Røydeskjær** Latitude: 62°11N Longitude: 5°44.3
 Catch,date : **20040914** Count: 50 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA		
Analysis code		=>		metan		metan		
Detection limit		=> Mean		2		2		
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %
1/1	F	<;1	;1	;12 <;1	<;0	<;1	1	32
52/1	M						0	
Mean		0	0	0	0,0	0,0	0,50	32,00
Minimum		0	0	0	0,0	0,0	0,00	32,00
Maximum		0	0	0	0,0	0,0	1,00	32,00
St.Dev							0,71	
Count		1	1	1	1	1	2	1

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **28G Grønevikholmen, Eiksundet** Latitude: 62°14.8N Longitude: 5°53
 Catch,date : **20040914** Count: 50 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA			
Analysis code		=>		metan		metan			
Detection limit		=> Mean		2		2			
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %	
1/1	F	<;1	;3	;21	<;1	<;0	<;1	1	34
52/1	M						1		
Mean		0	0	0	0,0	0,0	0,0	1,00	34,00
Minimum		0	0	0	0,0	0,0	0,0	1,00	34,00
Maximum		0	0	0	0,0	0,0	0,0	1,00	34,00
St.Dev								0,00	
Count		1	1	1	1	1	1	2	1

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **94G Steinskjær, Landfast** Latitude: 65°38.4N Longitude: 12°0.1
 Catch,date : **20041006** Count: 50 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA		
Analysis code		=>		metan		metan		
Detection limit		=> Mean		2		2		
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %
1/1	F	<;1	<;1	;3 <;1	<;0	;	1	32
52/1	M						1	
Mean		0	0	0	0,0	0,0	1,00	32,00
Minimum		0	0	0	0,0	0,0	1,00	32,00
Maximum		0	0	0	0,0	0,0	1,00	32,00
St.Dev							0,00	
Count		1	1	1	1	1	2	1

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **95G Sleipnesodden, south** Latitude: 66°42.4N Longitude: 13°14.3
 Catch,date : **20040825** Count: 50 Sample type: **Individual**

Analytical lab.		=>			NIVA	NIVA		
Analysis code		=>			metan	metan		
Detection limit		=> Mean			2	2		
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %
1/1	F	;2	;4	;19 <;1	<;0	;	0	32
52/1	M						0	
Mean		0	0	0	0,0	0,0	0,00	32,00
Minimum		0	0	0	0,0	0,0	0,00	32,00
Maximum		0	0	0	0,0	0,0	0,00	32,00
St.Dev							0,00	
Count		1	1	1	1	1	2	1

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **97G Varnesodden** Latitude: 67°48.1N Longitude: 14°45.1
 Catch,date : **20040824** Count: 52 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA		
Analysis code		=>		metan		metan		
Detection limit		=> Mean		2		2		
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %
1/1	F	<;1	;1	;3 <;1	<;0	<;1	1	42
Mean		0	0	0	0,0	0,0	1,00	42,00
Minimum		0	0	0	0,0	0,0	1,00	42,00
Maximum		0	0	0	0,0	0,0	1,00	42,00
St.Dev								
Count		1	1	1	1	1	1	1

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **98G svolvår området** Latitude: 68°15.04N Longitude: 14°40.06
 Catch,date : **20020916** Count: Sample type: **Individual**

Analytical lab.		=>			
Analysis code		=>			
Detection limit		=> Mean			
Samp/ Sex	Age	Wght	Lngt weight	Dry	Fat
repl. F/M	year	g	mm g	%	%
no.					
1/3					
Mean					
Minimum					
Maximum					
St.Dev					
Count					

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **98G svolvær området** Latitude: 68°15.04N Longitude: 14°40.06
 Catch,date : **20030917** Count: 25 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA		
Analysis code		=>		metan		metan		
Detection limit		=> Mean		2		2		
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %
1/1	F	<;1	;1.1	;9 <;1	<;1	<;1	0.538	35.9
Mean		0	0	0	0,0	0,0	0,54	35,90
Minimum		0	0	0	0,0	0,0	0,54	35,90
Maximum		0	0	0	0,0	0,0	0,54	35,90
St.Dev								
Count		1	1	1	1	1	1	1

Comments

!Station: svolvær området

sample no.

1 !

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **98G svolvår området** Latitude: 68°15.4N Longitude: 14°40.6
 Catch,date : **20040823** Count: 53 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA		
Analysis code		=>		metan		metan		
Detection limit		=> Mean		2		2		
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %
1/1	F	<;1	;1	;8 <;1	<;0	;	1	36
2/1	M	<;1	;1	;6 <;1	<;0	;	1	33
Mean		0	0	0	0,0	0,0	1,00	34,50
Minimum		0	0	0	0,0	0,0	1,00	33,00
Maximum		0	0	0	0,0	0,0	1,00	36,00
St.Dev		0	0	0	0,0	0,0	0,00	2,12
Count		2	2	2	2	2	2	2

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **98G svolvær området** Latitude: 68°15.03N Longitude: 14°39.888
 Catch,date : **20050822** Count: 50 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA		
Analysis code		=>		metan		metan		
Detection limit		=> Mean		2		2		
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %
1/1	M	0.676;0.51 ;5.33 <;0.606 <;0.435 <;1.7					1.03	33
2/1	F						0.957	
Mean		0	0	0	0,0	0,0	0,99	33,00
Minimum		0	0	0	0,0	0,0	0,96	33,00
Maximum		0	0	0	0,0	0,0	1,03	33,00
St.Dev							0,05	
Count		1	1	1	1	1	2	1

Comments

!Station: svolvær området

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **98G Svolvær området** Latitude: 68°15.04N Longitude: 14°40.06
 Catch,date : **20060828** Count: 50 Sample type: **Individual**

Analytical lab.		=>			NIVA	NIVA				
Analysis code		=>			metan	metan				
Detection limit		=> Mean			2	2				
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %		
1/1	F	;	3.38	;2.55	2.173	<;3.03	<;2.175	<;1.695	0.9428	38
2/1	M						17.68			
Mean		0	0	0	0,0	0,0	0,0	9,31	38,00	
Minimum		0	0	0	0,0	0,0	0,0	0,94	38,00	
Maximum		0	0	0	0,0	0,0	0,0	17,68	38,00	
St.Dev								11,83		
Count		1	1	1	1	1	1	2	1	

Comments

!Station: Svolvær området

sample no.

2 not analyzed

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **41G Harstad (Trondenes)** Latitude: 68°49.03N Longitude: 16°33.092
 Catch,date : **20060829** Count: 50 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA		
Analysis code		=>		metan		metan		
Detection limit		=> Mean		2		2		
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %
1/1	F						1.015	35
2/1	M						1.155	
Mean		0	0	0	0,0	0,0	1,09	35,00
Minimum		0	0	0	0,0	0,0	1,02	35,00
Maximum		0	0	0	0,0	0,0	1,16	35,00
St.Dev							0,10	
Count		1	1	1	1	1	2	1

Comments
 !Station: Harstad (Trondenes)

sample no.
 2 not analyzed

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **41G1 Feneset** Latitude: °N Longitude: °
 Catch,date : **20060829** Count: 50 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA		
Analysis code		=>		metan		metan		
Detection limit		=> Mean		2		2		
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %
1/1	F						0.6385	36
2/1	M						12.68	
Mean		0	0	0	0,0	0,0	6,66	36,00
Minimum		0	0	0	0,0	0,0	0,64	36,00
Maximum		0	0	0	0,0	0,0	12,68	36,00
St.Dev							8,51	
Count		1	1	1	1	1	2	1

Comments
 !Station: Feneset

sample no.
 2 not analyzed

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **43G1 Lyngneset (Langfjord)** Latitude: °N Longitude: °
 Catch,date : **20060831** Count: 50 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA		
Analysis code		=>		metan		metan		
Detection limit		=> Mean		2		2		
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %
1/1	F						1.153	35
2/1	M						0.9165	
Mean		0	0	0	0,0	0,0	1,03	35,00
Minimum		0	0	0	0,0	0,0	0,92	35,00
Maximum		0	0	0	0,0	0,0	1,15	35,00
St.Dev							0,17	
Count		1	1	1	1	1	2	1

Comments
 !Station: Lyngneset (Langfjord)

sample no.
 2 not analyzed

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **43G Skjervoe** Latitude: 70°2.016N Longitude: 20°59.071
 Catch,date : **20060901** Count: 50 Sample type: **Individual**

Analytical lab.		=>			NIVA	NIVA						
Analysis code		=>			metan	metan						
Detection limit		=> Mean			2	2						
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %				
1/1	F	;	3.38	2.754 ;	7.79	<;	3.03	<;	2.175 ;	5.424	0.7986	38
2/1	M						0.7938					
Mean		0	0	0	0,0	0,0	0,0	0,80	38,00			
Minimum		0	0	0	0,0	0,0	0,0	0,79	38,00			
Maximum		0	0	0	0,0	0,0	0,0	0,80	38,00			
St.Dev								0,00				
Count		1	1	1	1	1	1	2	1			

Comments
 !Station: Skjervøy

sample no.
 2 not analyzed

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **44G1 Elenheimsundet** Latitude: 69°59.04N Longitude: 23°18.07
 Catch,date : **20060901** Count: 50 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA		
Analysis code		=>		metan		metan		
Detection limit		=> Mean		2		2		
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %
1/1	F						0.8211	33
2/1	M						0.7832	
Mean		0	0	0	0,0	0,0	0,80	33,00
Minimum		0	0	0	0,0	0,0	0,78	33,00
Maximum		0	0	0	0,0	0,0	0,82	33,00
St.Dev							0,03	
Count		1	1	1	1	1	2	1

Comments
 !Station: Alta

sample no.
 2 not analyzed

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **45G Sauhamneset** Latitude: 70°45.08N Longitude: 24°19.08
 Catch,date : **20060902** Count: 50 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA		
Analysis code		=>		metan		metan		
Detection limit		=> Mean		2		2		
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %
1/1	F						0.6871	34
2/1	M						0.6911	
Mean		0	0	0	0,0	0,0	0,69	34,00
Minimum		0	0	0	0,0	0,0	0,69	34,00
Maximum		0	0	0	0,0	0,0	0,69	34,00
St.Dev							0,00	
Count		1	1	1	1	1	2	1

Comments
 !Station: Sauhamneset

sample no.
 2 not analyzed

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **46H Honningsvaag** Latitude: °N Longitude: °
 Catch,date : **20060903** Count: 50 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA						
Analysis code		=>		metan		metan						
Detection limit		=> Mean		2		2						
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %				
1/1	F	;	3.38	;2.55	3.034	<;	3.03	<;2.175	<;	1.695	1.267	39
2/1	M						1.122					
Mean		0	0	0	0,0	0,0	0,0	1,19	39,00			
Minimum		0	0	0	0,0	0,0	0,0	1,12	39,00			
Maximum		0	0	0	0,0	0,0	0,0	1,27	39,00			
St.Dev								0,10				
Count		1	1	1	1	1	1	2	1			

Comments
 !Station: Honningsvåg

sample no.
 2 not analyzed

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **47G Kifjordneset** Latitude: 70°52.086N Longitude: 27°22.02
 Catch,date : **20060903** Count: 50 Sample type: **Individual**

Analytical lab.		=>			NIVA	NIVA				
Analysis code		=>			metan	metan				
Detection limit		=> Mean			2	2				
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %		
1/1	F		3.38	2.55	2.05	<3.03	<2.175	<1.695	0.7828	34
2/1	M						0.5639			
Mean			0	0	0	0,0	0,0	0,0	0,67	34,00
Minimum			0	0	0	0,0	0,0	0,0	0,56	34,00
Maximum			0	0	0	0,0	0,0	0,0	0,78	34,00
St.Dev									0,15	
Count			1	1	1	1	1	1	2	1

Comments
 !Station: Kifjordneset

sample no.
 2 not analyzed

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **48G1 Trollfjorden (Tanafjord)** Latitude: °N Longitude: °
 Catch,date : **20060905** Count: 50 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA		
Analysis code		=>		metan		metan		
Detection limit		=> Mean		2		2		
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %
1/1	F						0.8129	40
2/1	M						0.7138	
Mean		0	0	0	0,0	0,0	0,76	40,00
Minimum		0	0	0	0,0	0,0	0,71	40,00
Maximum		0	0	0	0,0	0,0	0,81	40,00
St.Dev							0,07	
Count		1	1	1	1	1	2	1

Comments

!Station: Trollfjorden (Tanafjord)

sample no.

2 not analyzed

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **49G Syltefjorden** Latitude: °N Longitude: °
 Catch,date : **20060905** Count: 50 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA		
Analysis code		=>		metan		metan		
Detection limit		=> Mean		2		2		
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %
1/1	F						1.061	33
2/1	M						26.12	
Mean		0	0	0	0,0	0,0	13,59	33,00
Minimum		0	0	0	0,0	0,0	1,06	33,00
Maximum		0	0	0	0,0	0,0	26,12	33,00
St.Dev							17,72	
Count		1	1	1	1	1	2	1

Comments
 !Station: Syltefjorden

sample no.
 2 not analyzed

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **10G3 Vardoe** Latitude: °N Longitude: °
 Catch,date : **20060906** Count: 50 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA				
Analysis code		=>		metan		metan				
Detection limit		=> Mean		2		2				
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %		
1/1	F	;	3.38	;2.55	11.07	<;3.03	<;2.175	;3.39	0.9338	40
2/1	M						0.7705			
Mean		0	0	0	0,0	0,0	0,0	0,85	40,00	
Minimum		0	0	0	0,0	0,0	0,0	0,77	40,00	
Maximum		0	0	0	0,0	0,0	0,0	0,93	40,00	
St.Dev							0,12			
Count		1	1	1	1	1	1	2	1	

Comments
 !Station: Vardø

sample no.
 2 not analyzed

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **10G4 Vadsøe** Latitude: °N Longitude: °
 Catch,date : **20060906** Count: 50 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA		
Analysis code		=>		metan		metan		
Detection limit		=> Mean		2		2		
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %
1/1	F			;3.38 ;2.55 ;2.05 ;3.151	<;2.175	<;1.695	0.5619	31
2/1	M						0.5057	
Mean		0	0	0	0,0	0,0	0,53	31,00
Minimum		0	0	0	0,0	0,0	0,51	31,00
Maximum		0	0	0	0,0	0,0	0,56	31,00
St.Dev							0,04	
Count		1	1	1	1	1	2	1

Comments
 !Station: Vadsø

sample no.
 2 not analyzed

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **11G Brashavn** Latitude: 69°53.92N Longitude: 29°44.65
 Catch,date : **20020926** Count: Sample type: **Individual**

Analytical lab.		=>				
Analysis code		=>				
Detection limit		=> Mean				
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %
1/3						
Mean						
Minimum						
Maximum						
St.Dev						
Count						

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **11G Brashavn** Latitude: 69°53.92N Longitude: 29°44.65
 Catch,date : **20030917** Count: 28 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA		
Analysis code		=>		metan		metan		
Detection limit		=> Mean		2		2		
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %
1/1	F	<;1	<;1	;3.9 <;1	<;1	<;1	0.716	36.5
Mean		0	0	0	0,0	0,0	0,72	36,50
Minimum		0	0	0	0,0	0,0	0,72	36,50
Maximum		0	0	0	0,0	0,0	0,72	36,50
St.Dev								
Count		1	1	1	1	1	1	1

Comments
 !Station: Brashavn

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **11G Brashavn** Latitude: 69°53.92N Longitude: 29°44.65
 Catch,date : **20041019** Count: 52 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA		
Analysis code		=>		metan		metan		
Detection limit		=> Mean		2		2		
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %
1/1	F	<;1	<;1	;2 <;1	<;0	;	0	35
2/1	M	<;1	<;1	;1 <;1	<;0	;	0	35
Mean		0	0	0	0,0	0,0	0,00	35,00
Minimum		0	0	0	0,0	0,0	0,00	35,00
Maximum		0	0	0	0,0	0,0	0,00	35,00
St.Dev		0	0	0	0,0	0,0	0,00	0,00
Count		2	2	2	2	2	2	2

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **11G Brashavn** Latitude: 69°53.92N Longitude: 29°44.65
 Catch,date : **20051017** Count: 50 Sample type: **Individual**

Analytical lab.		=>			NIVA	NIVA						
Analysis code		=>			metan	metan						
Detection limit		=> Mean			2	2						
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %				
1/1	M	0.676	0.51	2.34	<	0.606	<	0.435	<	1.7	0.583	31
2/1	F							0.698				
Mean		0	0	0	0,0	0,0	0,0	0,64				31,00
Minimum		0	0	0	0,0	0,0	0,0	0,58				31,00
Maximum		0	0	0	0,0	0,0	0,0	0,70				31,00
St.Dev								0,08				
Count		1	1	1	1	1	1	2				1

Comments
 !Station: Brashavn

SFT report TA 2369/2008 - Appendix I, BIOLOGICAL EFFECTS RESULTS 2002-2006 RAW DATA

Species : **NUCE LAP** Nucella lapillus GB: Dog Whelk, N: Purpursnegle
 Sample area: **J99 Undefined** Tissue: All
 Locality : **11G Brashavn** Latitude: 69°53.092N Longitude: 29°44.065
 Catch,date : **20061006** Count: 50 Sample type: **Individual**

Analytical lab.		=>		NIVA		NIVA		
Analysis code		=>		metan		metan		
Detection limit		=> Mean		2		2		
Samp/ repl. no.	Sex F/M	Age year	Wght g	Lngr weight mm g	Dry %	Fat %	WTMEA (SB) g	DRYWT (SB) %
1/1	F						0.6517	29
2/1	M						0.5181	
Mean		0	0	0	0,0	0,0	0,58	29,00
Minimum		0	0	0	0,0	0,0	0,52	29,00
Maximum		0	0	0	0,0	0,0	0,65	29,00
St.Dev							0,09	
Count		1	1	1	1	1	2	1

Comments
 !Station: Brashavn

sample no.
 2 not analyzed