EE value used_____

CSU Fisheries Ecology Lab

Mysis Calorimetry Data Sheet

Date _____

Sample Number	Sample weight (g)	Unburned fuse length (mm)	Burned fuse length (mm)	Temperature rise (°C)	Gross heat before fuse correction (MJ/kg)	Gross heat after fuse correction (MJ/kg)
BA 070819001	.19729	37	63	2.3373	26.1810	26.1908
	.19812	21	79	2.3509	26.2252	26.1572
JUM 111518 7008	.11635	28	72	1.1337	21.2563	21.1984
09	.11393	30	70	1.1290	21.6154	21.5733
10	.18282	27	73	1.7942		21.5666
15	.13784	28	72	1.3839	22.0018	21.9529
17	.09506	29	71	.9337	21.3121	21.2513
20	.09837	33	67	0.9319	20.5541	20.5346
21	.09190	48	52	.8815	20.7727	20.9090
22	.09648	23	77	.8894		21.1671
25	.10773	16	84	1.0664	21.5609	21.3911
BA 071519001	.21068	31	69	2.4818	26.0514	26.0331
002	.21296	25	75	2.5251		26.2279
JUM 111518 7040	.12321	35	65	1.1905	21.1048	21.1048
53	.10895	35	65	1.0690	21.3730	21.3730
JUM 092518 7006	.11769	33	67	1.1489	21.3043	21.2880
09	.09898	32	68	.9497	20.8293	20.8002
11	.14757	40	60	1.4566	21.6539	21.6865
15	.09247	35	65	.9137	21.4233	21.4233
22	.09074	41	59	.7100	21.5643	21.6460

EE value used_____

CSU Fisheries Ecology Lab

Mysis Calorimetry Data Sheet

Date _____

Sample Number	Sample weight (g)	Unburned fuse length (mm)	Burned fuse length (mm)	Temperature rise (°C)	Gross heat before fuse correction (MJ/kg)	Gross heat after fuse correction (MJ/kg)
BA07161900 1	.20784	31	69	2.4620	26.1948	26.1763
002	.21310	38	62			
BA07221900 1	.20557	50	50	2.4243	26.0733	26.1436
BA07221900 2	.21010	28	72	2.4977	26.2924	26.2603
JUM07251800 3	.12128	56	44	1.1563	20.8094	20.9761
028	.11797	17	83	1.1740	21.7281	21.5812
036	.09799	43	57	.9631	21.3446	21.4232
040	.10467	32	68	1.0066	20.9129	20.8853
044	.09176	32	68	.8547	20.1522	20.1207
~~BA01 .21554~~						

19,26,5

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Colorado State University – Fisheries Ecology Laboratory

Triploid Walleye Calorimetry Data Sheet

EE Value Used:_____ Processing Date:_____

	Sample ID	Initials	Sample Weight (g)	Unburned Fuse Length (mm)	Burned Fuse Length (mm)	Temperature Rise (°C)	Gross heat before fuse correction (MJ/kg)	Gross Heat After Fuse Correction (MJ/kg)
1	BA 01		.21063	22	78	2.4995	26.0462	26.1868
2	BA 02		.20279	48	52	2.4009	26.1731	26.2348
3	JUM092718J049		.12066	46	54	1.1932	21.6006	21.6884
4	051		.17721	30	70	1.7452	21.6745	21.6473
5								
6	BA072919001		.20268	34	66	2.4010	26.1888	26.1840
7	002		.20719	16	84	2.4510	26.1582	26.0699
8	JUM092718J006		.16008	47	53	1.4687	20.1310	20.2031
9	JUM092718J009		.13148	35	65	1.2822	21.3375	21.3375
10								
11	BA073119001		.20695	33	67	2.4481	26.1568	26.1475
12	002		.20159	32	68	2.4145	26.4792	26.4649
13	JUM092718J010		.16961	38	62	1.5628	20.2400	20.2571
14	011		.13448	45	55	1.2258	19.9231	19.9947
15	012		.14016	38	62	1.2721	19.8540	19.8746
16	013		.16186	46	54	1.4783	20.0421	20.1076

Notes:

Starting at #12 energy density for BA changed from 26.454 to 26.453

Data Entry Date (w/initials):_____

Data Audit Date (w/initials):_____

Colorado State University – Fisheries Ecology Laboratory

Triploid Walleye Calorimetry Data Sheet

EE Value Used:_____

Processing Date: 7/2/19

	Sample ID	Initials	Sample Weight (g)	Unburned Fuse Length (mm)	Burned Fuse Length (mm)	Temperature Rise (°C)	Gross heat before fuse correction (MJ/kg)	Gross Heat After Fuse Correction (MJ/kg)
1	BA 01		0.18969	45	55	2.2325	117.9321	117.9828
2	BA 02		.21638	9	91	2.5007	26.1657	22.3162
3	BA 03		.21303	37	63	2.4362	25.2857	22.7317
4	JUM111518J008		.18067	13	87	1.7158	20.8962	16.6056
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Notes:

Data Entry Date (w/initials):_____

Data Audit Date (w/initials):_____

do last BA once done

Colorado State University – Fisheries Ecology Laboratory

Triploid Walleye Calorimetry Data Sheet

EE Value Used:_____ Processing Date: 3/04/18

Sample ID	Initials	Sample Weight (g)	Unburned Fuse Length (mm)	Burned Fuse Length (mm)	Temperature Rise (°C)	Gross heat before fuse correction (MJ/kg)	Gross Heat After Fuse Correction (MJ/kg)
1 BA030419001	NR	0.21258g	30	70	2.5229	26.2513	26.2287
2 BA030419002	NR	0.20327	35	65	2.4131	26.2450	26.2450
3 JUM092518JO40	NA	.11740	30	70	1.1652	21.6065	21.6255
4 BA0304 A003		.20-23	36	64	2.4427	26.1893	26.1939
5			22	78			
6							
7							
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Notes:

Data Entry Date (w/initials):_____

Data Audit Date (w/initials):_____

Colorado State University – Fisheries Ecology Laboratory

3/15/19

Triploid Walleye Calorimetry Data Sheet

EE Value Used:_____

Processing Date: 3/7/19
3/8/19

Sample ID	Initials	Sample Weight (g)	Unburned Fuse Length (mm)	Burned Fuse Length (mm)	Temperature Rise (°C)	Gross heat before fuse correction (MJ/kg)	Gross Heat After Fuse Correction (MJ/kg)
1 BA030719001	NR	0.21575	42	58	2.5164	26.0400	26.0715
2 BA030719002	↓	0.21088	31	69	2.4842	26.0521	26.0538
3 Jum092518JOS1	↓	0.07343	85	65	0.7681	19.8417	19.8417
4 JUM092518JOS1	NGA	.12012	28	72	1.1762	21.3812	21.3250
5 JUM101118J006	NGA	.12020	36	64	1.1492	20.8648	20.8728
6 BA030719003	NGA	.20577	35	65	2.4294	26.1036	26.1036
7 BA030819001	NGA	.20947	34	66	2.3846	25.1856	25.1813
8 BA030819002	NGA	.21418	31	69	2.5278	26.1059	26.0880
9 JUM101118J007	NGA	.08557	35	65	.8081	20.3911	20.3911
10 009	NGA	.07205	39	61	.7063	21.0576	21.1110
11 010	NGA	.09282	47	53	.8854	20.6607	20.7852
12 BA031519001	N	.21279	31	69	2.5142	26.1336	26.1155
13 BA031519002		.20577	33	67	2.4239	26.0438	26.0345
14 JUM101118T014		.18678	22	78	1.7546	20.6762	20.6092
15 016		.11350	29	71	1.0763	20.6583	20.6074
16							

Notes:

Data Entry Date (w/initials):_____

Data Audit Date (w/initials):_____

Colorado State University – Fisheries Ecology Laboratory

Triploid Walleye Calorimetry Data Sheet

EE Value Used:_____ Processing Date: 3/5/18

	Sample ID	Initials	Sample Weight (g)	Unburned Fuse Length (mm)	Burned Fuse Length (mm)	Temperature Rise (°C)	Gross heat before fuse correction (MJ/kg)	Gross Heat After Fuse Correction (MJ/kg)
1	BA030518 001	JRP	0.20981	32	68	2.4422	26.2701	26.2564
2	" " 002	↓	0.20238	25	75	2.3902	26.1073	26.0597
3	JM092518 5044		0.09081	lost fuses, need to rerun sample				
4	049		0.08610	25	75	0.8631	21.6959	21.5840
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Notes:

Data Entry Date (w/initials):_____

Data Audit Date (w/initials):_____

Colorado State University – Fisheries Ecology Laboratory

Triploid Walleye Calorimetry Data Sheet

EE Value Used:_____ Processing Date:_____

	Sample ID	Initials	Sample Weight (g)	Unburned Fuse Length (mm)	Burned Fuse Length (mm)	Temperature Rise (°C)	Gross heat before fuse correction (MJ/kg)	Gross Heat After Fuse Correction (MJ/kg)
7/31/19	1 JUM092718J014		.16213	34	66	1.5536	21.0472	21.0412
	2 couple b.e 015 also		.16727	29	71	1.4277	21.3913	21.3567
	3 015		.11377	30	70	1.0850	20.7808	20.7385
	4 019		.13974	42	58	1.3136	20.5783	20.6265
	5 31		.12432	34	66	1.2122	21.3070	21.293
	6 32		.12223	27	73	1.1985	21.4206	21.3576
	7							
	8 BA 080219001		.19773	34	66	2.2895	25.5821	25.5773
	9 002		.21735	30	70	2.4749	25.7744	25.7518
	10 JUM 10111 8J006		.10219	28	72	.9857	20.9633	20.8974
	11							
	12 BA 080619001		.20453	33	67	2.4278	26.2447	26.2353
	13 002		.17506	27	73	2.0764	26.1726	26.1286
	14 JUM 10111 8J0 05		.14705	18	82	1.3901	20.7182	20.6069
	15 09		.12386	17	83	1.1850	20.8941	20.7541
	16							

Notes:

Data Entry Date (w/initials):_____

Data Audit Date (w/initials):_____

Colorado State University – Fisheries Ecology Laboratory

Triploid Walleye Calorimetry Data Sheet

EE Value Used:_____ Processing Date:_____

	Sample ID	Initials	Sample Weight (g)	Unburned Fuse Length (mm)	Burned Fuse Length (mm)	Temperature Rise (°C)	Gross heat before fuse correction (MJ/kg)	Gross Heat After Fuse Correction (MJ/kg)
1	BA 080819001		.20741	27	73	2.4595	26.2224	26.1852
2	BA 002		.20391	26	74	2.4087	26.1143	26.0718
3	JUM101118J0010		.14296	29	71	1.3296	20.3649	20.3244
4	14		.16260	30	70	1.5414	20.8184	20.7888
5	16		.15881	34	66	1.4943	20.6516	20.6455
6	19		.12538	43	57	1.2157	21.1894	21.2508
7	20		.14955	33	67	1.3964	20.4675	20.4546
8	23		.09840	33	67	.8836	20.4908	20.4702
9								
10	BAG80A1900 1		.20779	29	71	2.4163	25.7089	25.6811
11	002		.20855	49	51	2.4719	26.2121	26.2767
12	JUM101118J024		.13219	30	70	1.2866	21.2972	21.2608
13	JUM111518J004		.16383	33	67	1.5476	20.7475	20.7358
14	005		.11375	32	68	1.1360	21.7880	21.7626
15	007		.14899	31	69	1.4327	21.0807	21.0549
16	008		.12384	31	69	1.1995	21.1594	21.1283
Notes:	009		.11135	39	61	1.0972	21.4774	21.5120

Data Entry Date (w/initials):_____

Data Audit Date (w/initials):_____

Colorado State University – Fisheries Ecology Laboratory

Triploid Walleye Calorimetry Data Sheet

EE Value Used:_____ Processing Date:_____

	Sample ID	Initials	Sample Weight (g)	Unburned Fuse Length (mm)	Burned Fuse Length (mm)	Temperature Rise (°C)	Gross heat before fuse correction (MJ/kg)	Gross Heat After Fuse Correction (MJ/kg)
1	BA081519001		.20261	31	69	2.3890	26.0654	26.0464
2	002		.19742	29	71	2.3324	26.1086	2.3324
3	TUM111518JO 53		.12984	28	72	1.2587	21.2016	21.1497
4	TUMA2518JU06		.12602	29	71	1.2139	21.6481	21.0023
5	09		.08424	42	58	.8030	20.5796	20.6597
6	11		.09627	37	63	.9460	21.3284	21.3484
7	15		.12743	33	67	1.2391	21.2587	21.2436
8								
9	BA081619001		.20132	52	48	2.3726	26.0501	26.1314
10	002		.20964	47	53	2.4748	25.1065	26.1616
11	TUM42518J022		.10964	64	36	1.0678	21.2124	21.4671
12	023		.13379	37	63	1.2798	20.9289	20.9433
13	028		.12316	60	26	1.1965	21.2225	21.5744
14	036		.13980	30	70	1.3793	21.6205	21.5861
15	040		.11080	28	72	1.0611	20.8553	20.7945
16	044		.13435	32	68	1.2202	19.8481	19.8266
	049		.12617	42	58	1.2477	21.6236	21.6771
			.10033	27	73	.9896	21.4387	21.3620

Notes:

Data Entry Date (w/initials):_____

Data Audit Date (w/initials):_____

Colorado State University – Fisheries Ecology Laboratory

Triploid Walleye Calorimetry Data Sheet

EE Value Used:_____ Processing Date:_____

	Sample ID	Initials	Sample Weight (g)	Unburned Fuse Length (mm)	Burned Fuse Length (mm)	Temperature Rise (°C)	Gross heat before fuse correction (MJ/kg)	Gross Heat After Fuse Correction (MJ/kg)
1	BA081219 001		.20656	35	65	2.0524	21.9220	21.9220
2	002		.20611	31	69	2.4600	25.8501	25.8315
3	JUM111518J010		.14199	35	65	1.4044	21.6823	21.6823
4	015		.12784	36	64	1.2631	21.6097	21.6172
5	017		.13674	34	66	1.3320	21.3300	21.3229
6	020		.11776	32	68	1.1329	20.9860	20.9615
7								
8	BA081419001		.19836	51	49	2.3458	26.1365	26.2142
9	002		.21080	29	71	2.5047	26.2801	26.4445
10	JUM111518J021		.12978	34	66	1.2478	21.0233	21.0158
11	22		.13270	31	69	1.2746	21.0131	20.9840
12	25		.11221	40	60	1.0843	21.0560	21.0989
13	40		.07438	32	68	.7266	21.0093	20.9704
14								
15								
16								

Notes:

Data Entry Date (w/initials):_____

Data Audit Date (w/initials):_____

Colorado State University – Fisheries Ecology Laboratory

Triploid Walleye Calorimetry Data Sheet

EE Value Used:_____ Processing Date:_____

	Sample ID	Initials	Sample Weight (g)	Unburned Fuse Length (mm)	Burned Fuse Length (mm)	Temperature Rise (°C)	Gross heat before fuse correction (MJ/kg)	Gross Heat After Fuse Correction (MJ/kg)
1	BA082819001		.20714	33	67	2.4496	26.1490	26.1397
2	002		.19671	36	64	2.3367	26.2515	26.2564
3	JUM092518J049		.14861	28	72	1.4638	21.6105	21.5052
4	051		.14724	35	65	1.4716	21.6357	21.6357
5								
6	BA082919001		.21670	34	66	2.5641	26.1772	26.1728
7	002		.20421	37	63	2.4333	26.3461	26.3555
8	JUM092718J006		.11002	33	67	1.0226	20.2199	20.2024
9	009		.09722	36	64	.9585	21.4090	21.4189
10	010		.12801	31	69	1.1896	20.2974	20.2673
11								
12	BA090418001		.20533	31	69	2.4358	26.2297	26.2110
13	002		.21121	35	65	2.4979	26.1565	26.1565
14	011		.14796	33	67	1.3460	19.9246	19.9116
15	012		.12012	48	52	1.1118	20.1815	20.2857
16	013		.14402	31	69	1.3354	20.3051	20.2783
	014		.14221	30	70	1.3655	21.0879	21.0041

Notes:

Data Entry Date (w/initials):_____

Data Audit Date (w/initials):_____

Colorado State University – Fisheries Ecology Laboratory

Triploid Walleye Calorimetry Data Sheet

EE Value Used:_____

Processing Date: 5/5/16

	Sample ID	Initials	Sample Weight (g)	Unburned Fuse Length (mm)	Burned Fuse Length (mm)	Temperature Rise (°C)	Gross heat before fuse correction (MJ/kg)	Gross Heat After Fuse Correction (MJ/kg)
1	BA090519001		.17262	39	61	2.0646	26.3894	26.4117
2	002		.19310	17	83	2.2917	26.2213	26.1316
3	015		.13028	43	57	1.2861	21.6008	21.6599
4	019		.11161	30	70	1.0625	20.7326	20.6895
5	031		.11089	51	49	1.0742	21.1040	21.2256
6								
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Notes:

Data Entry Date (w/initials):_____

Data Audit Date (w/initials):_____

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Colorado State University – Fisheries Ecology Laboratory

Triploid Walleye Calorimetry Data Sheet

Processing Date: 9/26/19

EE Value Used:_____

	Sample ID	Initials	Sample Weight (g)	Unburned Fuse Length (mm)	Burned Fuse Length (mm)	Temperature Rise (°C)	Gross heat before fuse correction (MJ/kg)	Gross Heat After Fuse Correction (MJ/kg)
1	BA092619001	CF	0.21023	41	59	2.7563	29.0279	29.0554
2	BA092619002	CF	0.20955	48	52	2.7493	29.0473	29.1070
3	Pellet 01	CF	0.02699	37	63	0.3369	25.5968	25.6681
4	Pellet 02	CF	0.02715	78	22	0.3026	22.6232	24.1484
5	Pellet 03	CF	0.02942	35	65	0.3616	25.3667	25.3767
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Notes:

Data Entry Date (w/initials):_____

Data Audit Date (w/initials):_____