

Janay Martinez

From: Donald,David [Reg] <David.Donald@EC.GC.CA>
Sent: Friday, March 21, 2014 10:05 AM
To: Ramlal, Patricia
Subject: FW: FW: Parasite/Pathogen Monitoring Workshop - Agenda
Attachments: Devis Lake Map.doc; RRDevil'slake_Phase2_Appendices.xls; RRDevil'slake_Phase3_Appendices.xls; RRDevil'slaker_Ecto_Phase3_Appendix.xls

-----Original Message-----

From: Terry Dick [mailto:tadick@cc.umanitoba.ca]
Sent: March 12, 2008 3:32 PM
To: Donald,David [Reg]
Subject: Re: FW: Parasite/Pathogen Monitoring Workshop - Agenda

Hi:

I have not seen the invoices but they tell me they are being worked up.

Two sets of spread sheets.

Phase II is the July sample spread sheets (one for fish, one for food and one for parasites)

Phase III is the September fall samples for fathead minnows etc. As you know we were unable to get all species listed in the contract due to the caliber of the sampling crew. (4 sheets; first three spread sheets are the same as above and the 4th spread sheet deals with all fish examined for ectoparasites). I also included sampling GIS maps for phase II and III.

Cheers

Terry

At 09:27 AM 3/12/2008 -0600, you wrote:

> Folks:

>I can cover all expenses to this workshop.

>

>David

>

>-----Original Message-----

>From: Richard Nelson [mailto:RNELSON@gp.usbr.gov]

>Sent: Wednesday, March 12, 2008 9:12 AM

>To: Gordon Goldsborough; Sue Cosens; Tom Groshens; Sahlu,Girma [Reg];

>Cash,Kevin [Sas]; John Giedt; Dave Rathke; Dwight Williamson; Joe

>O'Connor; Nicole Armstrong; Randy Devendorf; Chuck Fritz; Bruce Paakh;

>Molly MacGregor; Lance Yohe; April Kiers North; Dennis Fewless; Dave

>Glatt; Lynn R. Schlueter; Mike Ell; Sauer Mike; Bethany Kurz; Gregg

>Wiche; Robert Lundgren

>Cc: Donald,David [Reg]

>Subject: Parasite/Pathogen Monitoring Workshop - Agenda

>

>Greetings!

>

>Attached is the agenda for our meeting in Grand Forks on March 19. If
>you have any questions please contact David or me.

>

>Rick

>

>"March is a green, muddy month down below. Some folks like it, farmers

>mostly" Bear Claw Chris Lapp to Jeremiah Johnson

>

>Richard D. Nelson, Ph.D.

>Supervisory Ecologist

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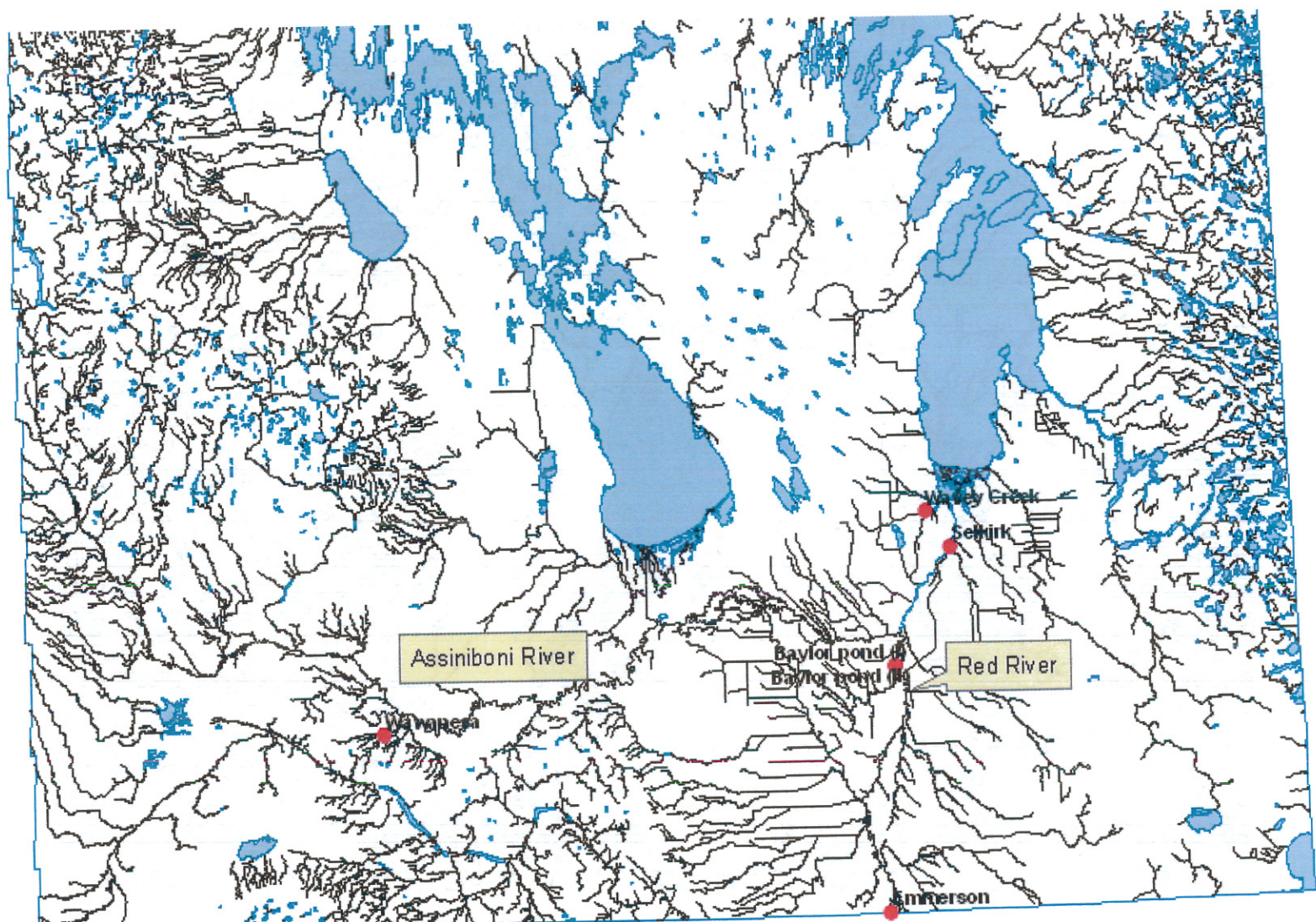


Figure 1 Devils Lake, Red River Phase (II)

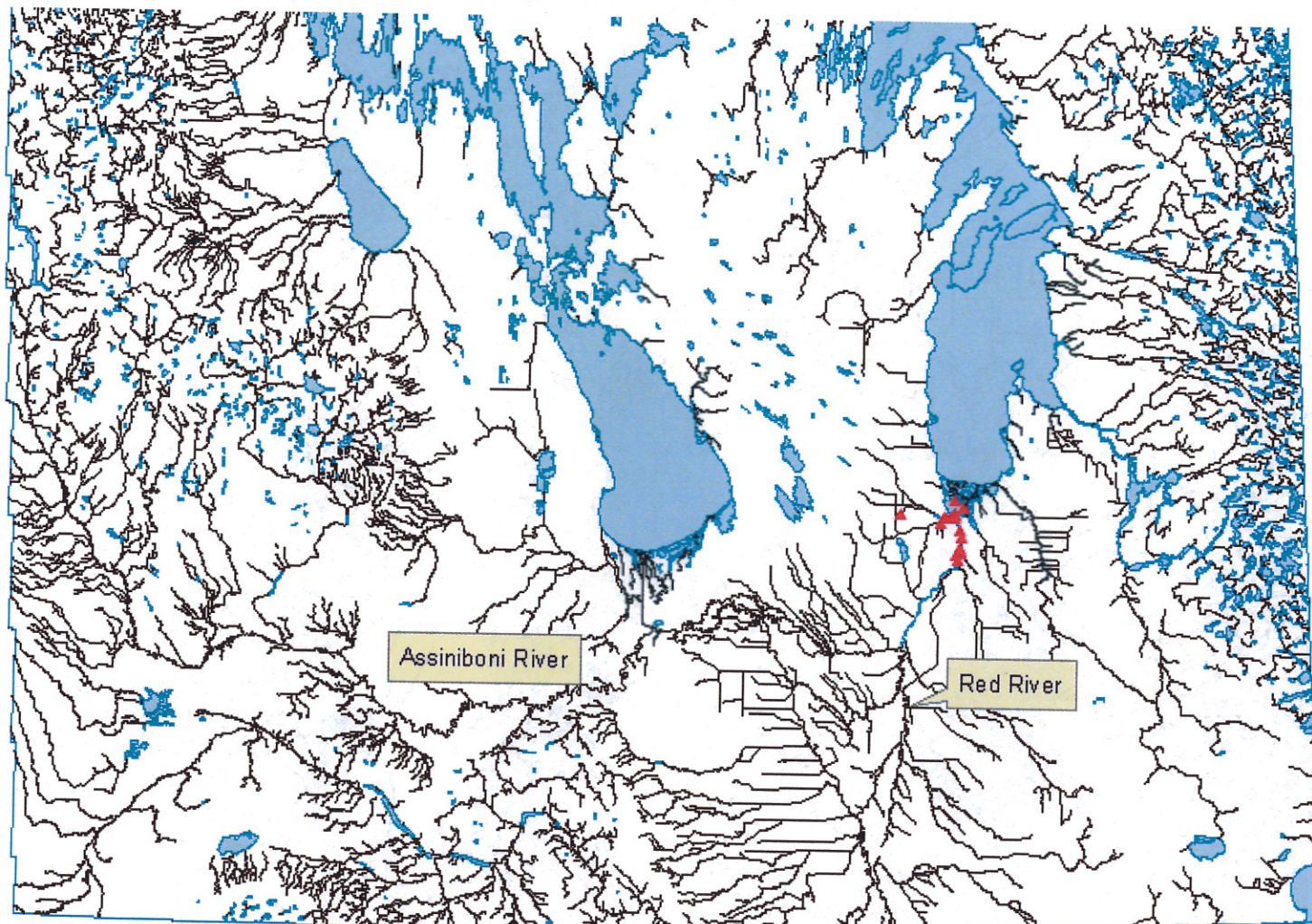


Figure 2 Devils Lake, Red River Phase (III)

Fish ID	Species	Date of capture (dd/mm/yyyy)	Location (Manitoba)	Date of necropsy (dd/mm/yyyy)	Total weight (g)	Total length (mm)	Fork length (mm)	Standard length (mm)	Age	Sex	Maturity	Gonad weight (g)	Liver weight (g)	Visceral fat weight (g)
FHMW-1	Fathead minnow	16/07/2007	Wavey Creek	23/09/2007	0.74822					Unk	Immature		0.00800	
WLYE-2	Walleye	16/06/2007	Red River Delta	23/09/2007	672	415	370	350		M	Immature	0.300	4.10000	24.200
WLYE-3	Walleye	16/06/2007	Netley	24/09/2007	2980	360	320	290		M	Immature	0.500	2.30000	7.000
YLPR-4	Yellow perch	12/7/2006	Wavey Creek	25/09/2007	1.4	50	40	38		M	Juvenile	0.007	0.06000	0.001
SAGR-5	Sauger	20/06/2007	Red River Delta	25/09/2007	159.1	270	240	220		M	Immature	1.800	2.70000	4.700
FHMW-6	Fathead minnow	16/07/2007	Seine	26/09/2007	0.1	20	17	15		M	Immature	0.001	0.00200	0.001
YLPR-7	Yellow perch	16/07/2007	Seine	26/09/2007	0.8	44	38	36		M	Immature	0.003	0.00400	0.001
WLYE-8	Walleye	16/07/2007	Red River Delta	26/09/2007	1892	600	530	490		M	Mature	6.300	14.80000	24.000
WLYE-9	Walleye	16/07/2007	Netley	27/09/2007	1422	530	480	440		M	Mature	8.600	14.60000	19.000
WLYE-10	Walleye	16/07/2007	Netley	27/09/2007	1578	540	490	450		M	Mature	8.100	14.70000	28.000
WLYE-11	Walleye	16/07/2007	Red River Delta	27/09/2007	1772	530	480	450		M	Mature	12.200	27.20000	47.000
GLDE-12	Goldeye	27/06/2007	Red River Delta	28/09/2007	195.4	280	255	235		M	Mature	0.700	2.10000	2.700
GLDE-13	Goldeye	27/06/2007	Red River Delta	1/10/2007	192	285	260	240		M	Mature	0.200	2.00000	5.000
GLDE-14	Goldeye	27/06/2007	Red River Delta	2/10/2007	210	285	265	240		F	Mature	0.800	2.00000	5.200
GLDE-15	Goldeye	27/06/2007	Red River Delta	2/10/2007	114	225	200	180		F	Mature	0.400	1.30000	1.400
GLDE-16	Goldeye	27/06/2007	Red River Delta	2/10/2007	115	245	230	205		M	Mature	0.300	1.10000	2.000
GLDE-17	Goldeye	27/06/2007	Red River Delta	3/10/2007	220	280	260	240		M	Mature	0.300	2.00000	4.200
GLDE-18	Goldeye	27/06/2007	Red River Delta	3/10/2007	34	170	160	145		F	Mature	0.100	0.30000	0.200
FHMW-19	Fathead minnow	16/07/2007	Red River Delta	4/10/2007	0.3	22	21	20		Unk	Immature		0.00200	0.001
PIKE - 20	Northern Pike	16/07/2007	Netley	4/10/2007	11	55	45	41		Unk	Juvenile		0.10000	0.030
PIKE - 21	Northern Pike	16/07/2007	Netley	5/10/2007	1370	630	590	550		F	Mature	8.200	15.10000	18.000
FHMW-22	Fathead minnow	19/07/2007	Netley	9/10/2007	0.9	45	42	39		M	Mature	0.010	0.02230	0.003
FHMW-23	Fathead minnow	19/07/2007	Wavey Creek	9/10/2007	1.2	54	47	45		M	Mature	0.013	0.02400	0.002
FHMW-24	Fathead minnow	19/07/2007	Wavey Creek	10/10/2007	1.5	55	48	43		M	Mature	0.014	0.02500	0.002
PIKE-25	Northern Pike	28/06/2007	Netley	10/10/2007	384.5	350	330	320		M	Mature	0.400	3.90000	4.000
PIKE-26	Northern Pike	16/07/2007	Netley	11/10/2007	522	440	430	410		M	Immature	0.500	4.70000	3.500
PIKE-27	Northern Pike	16/07/2007	Netley	12/10/2007	76	280	260	240		M	Immature	0.200	2.50000	2.000
FHMW-28	Fathead minnow	19/07/2007	Wavey Creek	12/10/2007	1.5	54	48	45		Unk	Mature		0.00200	0.003
GLDE-29	Goldeye	27/06/2007	Red River Delta	15/10/2007	87	230	215	190		M	Mature	2.200	0.80000	3.200
WLYE-30	Walleye	16/07/2007	Red River Delta	15/10/2007	1452	540	500	470		F	Immature	8.100	11.20000	62.000
FHMW-31	Fathead minnow	19/07/2007	Wavey Creek	16/10/2007	1.2	52	49	44		F	Mature	0.001	0.02000	0.000
FHMW-32	Fathead minnow	19/07/2007	Wavey Creek	16/10/2007	1.5	48	48	43		F	Mature	0.112	0.03687	0.000
PIKE-33	Northern Pike	28/06/2007	Red River Delta	16/10/2007	965	540	510	470		M	Immature	0.600	9.20000	22.000
FHMW-34	Fathead minnow	19/07/2007	Wavey Creek	16/10/2007	1.3	51	46	42		F	Mature	0.003	0.03400	0.002
GLDE-35	Goldeye	22/06/2007	Red River Delta	17/10/2007	115.3	235	220	200		F	Mature	0.800	1.10000	4.100
WLYE-36	Walleye	16/07/2007	Netley	17/10/2007	969	470	450	410		F	Immature	5.500	8.50000	49.200
FHMW-37	Fathead minnow	12/7/2007	Wavey Creek	17/10/2007	0.7	47	42	39		F	Mature	0.049	0.01300	0.005
FHMW-38	Fathead minnow	12/7/2007	Wavey Creek	18/10/2007	1	50	46	40		F	Mature	0.003	0.00183	0.004
FHMW-39	Fathead minnow	12/7/2007	Wavey Creek	18/10/2007	1.2	52	47	42		M	Mature	0.007	0.05061	0.003
FHMW-40	Fathead minnow	19/7/2007	Wavey Creek	19/10/2007	1.1	49	44	40		F	Mature	0.003	0.00191	0.003
FHMW-41	Fathead minnow	19/7/2007	Wavey Creek	19/10/2007	1.2	53	48	43		F	Mature	0.007	0.00192	0.004
GLDE-42	Goldeye	22/6/2007	Red River Delta	19/10/2007	103.4	215	205	190		F	Immature	0.300	1.10000	0.400
FHMW-43	Fathead minnow	19/7/2007	Wavey Creek	23/10/2007	1.3	50	46	40		F	Mature	0.200	0.00300	0.000
FHMW-44	Fathead minnow	19/7/2007	Wavey Creek	24/10/2007	0.3	33	31	29		Unk	Mature		0.00210	0.000

Fish ID	Species	Date of capture (dd/mm/yyyy)	Location (Manitoba)	Date of necropsy (dd/mm/yyyy)	Total weight (g)	Total length (mm)	Fork length (mm)	Standard length (mm)	Age	Sex	Maturity	Gonad weight (g)	Liver weight (g)	Visceral fat weight (g)
FHMW-45	Fathead minnow	19/7/2007	Wavey Creek	24/10/2007	1.3	53	48	43		F	Mature	0.006	0.00500	0.000
FHMW-46	Fathead minnow	19/7/2007	Wavey Creek	25/10/2007	1.4	54	48.5	43.5		F	Mature	0.003	0.01120	0.023
FHMW-47	Fathead minnow	19/7/2007	Wavey Creek	25/10/2007	1.3	52	50	45		F	Mature	0.004	0.01000	0.013
FHMW-48	Fathead minnow	19/7/2007	Wavey Creek	25/10/2007	1.9	60	55	50		F	Mature	0.003	0.01100	0.014
FHMW-49	Fathead minnow	19/7/2007	Wavey Creek	25/10/2007	0.2	26	24	21		F	Mature	0.021	0.00120	0.000
FHMW-50	Fathead minnow	19/7/2007	Wavey Creek	25/10/2007	1.8	57	50	45		F	Mature	0.010	0.02000	0.042
FHMW-51	Fathead minnow	19/7/2007	Wavey Creek	26/10/2007	1.6	55	45	41		F	Mature	0.036	0.02100	0.001
FHMW-52	Fathead minnow	19/7/2007	Wavey Creek	26/10/2007	1.4	53	48	43		F	Mature	0.018	0.19100	0.001
FHMW-53	Fathead minnow	19/7/2007	Wavey Creek	29/10/2007	1.3	54	50	44		F	Mature	0.007	0.05052	0.005
FHMW-54	Fathead minnow	19/7/2007	Wavey Creek	29/10/2007	1	50	46	41		F	Mature	0.007	0.05141	0.005
FHMW-55	Fathead minnow	19/7/2007	Wavey Creek	29/10/2007	1.1	49	45	41		F	Mature	0.007	0.04912	0.006
FHMW-56	Fathead minnow	19/7/2007	Wavey Creek	29/10/2007	1.3	54	49	43		F	Mature	0.006	0.05000	0.002
FHMW-57	Fathead minnow	19/7/2007	Wavey Creek	30/10/2007	0.8	45	43	37		F	Mature	0.004	0.04210	0.003
FHMW-58	Fathead minnow	19/7/2007	Wavey Creek	30/10/2007	0.1	24	22	20		F	Immature	0.001	0.01100	0.000
FHMW-59	Fathead minnow	19/7/2007	Wavey Creek	30/10/2007	0.2	29	25	23		M	Immature	0.001	0.01200	0.000
FHMW-60	Fathead minnow	19/7/2007	Wavey Creek	30/10/2007	0.8	45	40	36		F	Mature	0.003	0.03921	0.000
FHMW-61	Fathead minnow	19/7/2007	Wavey Creek	30/10/2007	1.2	50	47	40		F	Mature	0.020	0.04100	0.040
FHMW-62	Fathead minnow	19/7/2007	Wavey Creek	30/10/2007	0.3	32	30	27		Unk	Mature		0.01011	0.000
FHMW-63	Fathead minnow	19/7/2007	Wavey Creek	31/10/2007	0.8	46	41	37		F	Mature	0.099	0.06710	0.002
FHMW-64	Fathead minnow	12/7/2007	Wavey Creek	31/10/2007	1.2	49	46	40		F	Mature	0.191	0.05812	0.003
FHMW-65	Fathead minnow	12/7/2007	Wavey Creek	31/10/2007	0.9	48	44	39		F	Mature	0.031	0.03921	0.000
FHMW-66	Fathead minnow	12/7/2007	Wavey Creek	31/10/2007	1.1	51	47	41		F	Mature	0.012	0.02100	0.001
FHMW-67	Fathead minnow	12/7/2007	Wavey Creek	31/10/2007	0.7	42	38	34		M	Mature	0.009	0.01300	0.000
FHMW-68	Fathead minnow	12/7/2007	Wavey Creek	1/11/2007	1	49	45	41		F	Mature	0.006	0.07210	0.001
FHMW-69	Fathead minnow	12/7/2007	Wavey Creek	1/11/2007	1.2	52.5	48	43		F	Mature	0.013	0.04100	0.000
FHMW-70	Fathead minnow	12/7/2007	Wavey Creek	1/11/2007	1.1	52	49	44		M	Mature	0.010	0.03100	0.002
BRST-71	Brook Stickleback	19/7/2007	Wavey Creek	10/12/2007	0.3	35	34	30		F	Mature	0.011	0.02133	0.000
BRST-72	Brook Stickleback	19/7/2007	Wavey Creek	10/12/2007	0.6	40	39	35		M	Mature	0.011	0.02113	0.000
BRST-73	Brook Stickleback	19/7/2007	Wavey Creek	10/12/2007	0.3	30	29	28		F	Mature	0.022	0.03485	0.002
BRST-74	Brook Stickleback	19/7/2007	Wavey Creek	10/12/2007	0.1	26	25	24		Unk	Immature		0.00110	0.000
BRST-75	Brook Stickleback	19/7/2007	Wavey Creek	10/12/2007	0.3	31	30	27		M	Juvenile	0.001	0.01120	0.000
BRST-76	Brook Stickleback	19/7/2007	Wavey Creek	10/12/2007	0.3	31	30	27		F	Mature	0.011	0.02310	0.000
BRST-77	Brook Stickleback	19/7/2007	Wavey Creek	10/12/2007	0.4	36	35	31		M	Juvenile	0.001	0.01410	0.000
BRST-78	Brook Stickleback	19/7/2007	Wavey Creek	11/12/2007	0.1	30	29	25		Unk	Immature		0.01213	0.000
BRST-79	Brook Stickleback	19/7/2007	Wavey Creek	11/12/2007	0.4	35	34	30		F	Mature	0.001	0.01123	0.000
WLYE-80	Walleye	27/6/2007	Red River Delta	11/12/2007	1740	630	540	450		M	Mature	4.000	23.00000	52.000
PIKE-81	Northern Pike	27/6/2007	Red River Delta	11/12/2007	1206	550	520	480		M	Juvenile	1.000	11.00000	5.000
EMSH-82	Emerald Shinner	21/6/2007	Netley	11/12/2007	2.4	68	62	50		F	Mature	0.200	0.28000	0.001
EMSH-83	Emerald Shinner	20/6/2007	End Main Park	12/12/2007	2.6	80	69	60		M	Mature	0.011	0.14310	0.001
EMSH-84	Emerald Shinner	20/6/2007	End Main Park	12/12/2007	1.9	64	57	50		M	Mature	0.012	0.03310	0.000
EMSH-85	Emerald Shinner	20/6/2007	End Main Park	14/12/2007	3.8	80	75	59		F	Mature	0.300	0.89600	0.000
EMSH-86	Emerald Shinner	21/6/2007	Netley	14/12/2007	2.5	74	72	59		M	Mature	0.089	0.11210	0.000
EMSH-87	Emerald Shinner	21/6/2007	Netley	14/12/2007	5.8	83	72	61		M	Mature	0.087	0.22810	0.041
EMSH-88	Emerald Shinner	21/6/2007	Netley	14/12/2007	4.8	81	70	59		M	Mature	0.086	0.18190	0.002

Fish ID	Species	Date of capture (dd/mm/yyyy)	Location (Manitoba)	Date of necropsy (dd/mm/yyyy)	Total weight (g)	Total length (mm)	Fork length (mm)	Standard length (mm)	Age	Sex	Maturity	Gonad weight (g)	Liver weight (g)	Visceral fat weight (g)
EMSH-89	Emerald Shinner	20/6/2007	End Main Park	14/12/2007	3.4	79	71	65		F	Mature	0.301	0.12812	0.002
EMSH-90	Emerald Shinner	21/6/2007	Netley	14/12/2007	3.4	76	69	61		F	Mature	0.286	0.19120	0.001
EMSH-91	Emerald Shinner	21/6/2007	Netley	14/12/2007	2.2	72	62	53		M	Mature	0.013	0.06813	0.000
EMSH-92	Emerald Shinner	21/6/2007	Netley	18/12/2007	2.5	76	69	60		F	Mature	0.221	0.04893	0.000
EMSH-93	Emerald Shinner	21/6/2007	Netley	18/12/2007	2	72	68	63		F	Mature	0.211	0.04231	0.000
EMSH-94	Emerald Shinner	20/6/2007	End Main Park	18/12/2007	2	72	67	60		M	Mature	0.038	0.03512	0.000
EMSH-95	Emerald Shinner	21/6/2007	Netley	18/12/2007	2.8	71	63	56		M	Mature	0.023	0.06813	0.000
EMSH-96	Emerald Shinner	21/6/2007	Netley	18/12/2007	2.4	72	67	60		M	Mature	0.023	0.06613	0.000
EMSH-97	Emerald Shinner	21/6/2007	Netley	18/12/2007	2.8	72	65	57		M	Mature	0.031	0.18316	0.002
EMSH-98	Emerald Shinner	21/6/2007	Netley	18/12/2007	2.5	74	66	59		M	Mature	0.067	0.08661	0.003
EMSH-99	Emerald Shinner	21/6/2007	Netley	18/12/2007	2.8	76	72	62		M	Mature	0.003	0.03896	0.001
FHMV-100	Fathead minnow	20/6/2007	End Main Park	18/12/2007	1	61	55	50		M	Juvenile		0.00228	0.001
EMSH-101	Emerald Shinner	21/6/2007	Netley	19/12/2007	0.2	38	34	30		Unk	Immature	0.012	0.03126	0.001
EMSH-102	Emerald Shinner	21/6/2007	Netley	19/12/2007	2.4	71	65	52		M	Mature	0.028	0.04813	0.001
EMSH-103	Emerald Shinner	21/6/2007	Netley	19/12/2007	2.5	72	66	60		M	Mature	0.313	0.06813	0.002
EMSH-104	Emerald Shinner	21/6/2007	Netley	19/12/2007	3.6	75	66	61		F	Mature	0.022	0.04312	0.002
EMSH-105	Emerald Shinner	21/6/2007	Netley	19/12/2007	2.3	74	66	60		M	Mature	0.231	0.16813	0.001
EMSH-106	Emerald Shinner	21/6/2007	Netley	19/12/2007	2.7	76	68	62		F	Mature	0.011	0.06618	0.001
EMSH-107	Emerald Shinner	21/6/2007	Netley	19/12/2007	3.9	82	76	65		M	Mature	0.013	0.04211	0.001
EMSH-108	Emerald Shinner	21/6/2007	Netley	19/12/2007	2.8	76	67	61		M	Mature	0.134	0.05813	0.002
EMSH-109	Emerald Shinner	21/6/2007	Netley	19/12/2007	2.7	72	67	57		F	Mature	0.221	0.09981	0.000
EMSH-110	Emerald Shinner	21/6/2007	Netley	20/12/2007	2.3	70	64	54		F	Mature	0.011	0.08132	0.000
EMSH-111	Emerald Shinner	21/6/2007	Netley	20/12/2007	1.7	64	57	51		M	Mature	0.011	0.06613	0.000
EMSH-112	Emerald Shinner	21/6/2007	Netley	20/12/2007	2.3	70	64	54		M	Mature	0.226	0.18192	0.011
EMSH-113	Emerald Shinner	21/6/2007	Netley	20/12/2007	3.1	78	69	60		F	Mature	0.556	0.38130	0.019
EMSH-114	Emerald Shinner	21/6/2007	Netley	20/12/2007	5.4	94	84	75		F	Mature	0.022	0.08813	0.004
EMSH-115	Emerald Shinner	20/6/2007	End Main Park	20/12/2007	3.2	82	75	64		M	Mature	0.210	0.18192	0.000
EMSH-116	Emerald Shinner	21/6/2007	Netley	20/12/2007	2.9	82	74	65		F	Mature	0.331	0.28130	0.113
SAUG-117	Sauger	19/6/2007	Netley	20/12/2007	5.2	93	81	72		F	Mature		0.56130	0.121
GLDE-118	Goodeye	22/6/2007	Red River Delta	3/1/2008	16.8	128	120	110		Unk	Immature		0.61200	0.133
CCAT-120	Channel Catfish	21/6/2007	Red River Delta	3/1/2008	17.1	125	118	100		Unk	Immature	0.800	1.20000	0.123
CCAT-121	Channel Catfish	22/6/2007	Red River Delta	3/1/2008	178	246	260	280		M	Mature		4.10000	2.000
GLDE-122	Goodeye	22/6/2007	Red River Delta	4/1/2008	375	350	320	290		Unk	Immature	4.000	12.20000	2.000
CCAT-123	Channel Catfish	27/6/2007	Red River Delta	4/1/2008	1260	500	470	440		M	Mature	1.200	1.90000	5.000
CCAT-124	Channel Catfish	27/6/2007	Red River Delta	4/1/2008	255	280	260	240		M	Mature	2.300	20.80000	6.000
CCAT-125	Channel Catfish	27/6/2007	Red River Delta	4/1/2008	630	420	380	340		M	Mature	2.900	14.10000	28.000
CCAT-126	Channel Catfish	27/6/2007	Red River Delta	4/1/2008	1328	530	460	430		M	Mature	3.100	17.20000	31.000
CCAT-127	Channel Catfish	27/6/2007	Red River Delta	4/1/2008	1420	540	470	432		M	Mature		11.00000	8.000
CCAT-128	Channel Catfish	27/6/2007	Red River Delta	4/1/2008	541	360	432	320		Unk	Immature		12.80000	4.000
CCAT-129	Channel Catfish	27/6/2007	Red River Delta	4/1/2008	585	380	340	340		Unk	Immature		9.20000	6.000
CCAT-130	Channel Catfish	27/6/2007	Red River Delta	4/1/2008	491	350	310	310		Unk	Immature			
PIKE-131	Northern Pike	16/07/2007	Red River Delta	8/1/2008	3820	830	770	660		M	Mature	88.000	60.00000	21.000
WLYE-132	Walleye	16/6/2007	Red River Delta	8/1/2008	521	410	360	340		M	Mature	2.200	16.00000	5.000
					618	470	450	410		M	Juvenile	1.800	12.00000	6.000
					1432	550	500	440		M	Mature	4.800	18.00000	20.000

Fish ID	Species	Date of capture (dd/mm/yyyy)	Location (Manitoba)	Date of necropsy (dd/mm/yyyy)	Total weight (g)	Total length (mm)	Fork length (mm)	Standard length (mm)	Age	Sex	Maturity	Gonad weight (g)	Liver weight (g)	Visceral fat weight (g)
WLYE-133	Walleye	22/6/2007	Red River Delta	8/1/2008	1946	610	570	510						
WLYE-134	Walleye	16/07/2007	Red River Delta	9/1/2008	1668	620	590	525		M	Mature	5.300	26.00000	61.000
WLYE-135	Walleye	16/07/2007	Red River Delta	9/1/2008	2323	613	578	530		M	Mature	4.800	21.00000	62.000
CCAT-136	Channel Catfish	27/06/2007	Red River Delta	9/1/2008	1880	630	460	442		M	Mature	7.100	27.00000	65.000
WHBS-137	White bass	27/06/2007	Red River Delta	9/1/2008	1103	640	470	420		M	Mature	7.000	31.00000	21.000
CCAT-138	Channel Catfish	27/06/2007	Red River Delta	9/1/2008	480	430	360	340		F	Juvenile	50.000	23.00000	4.000
CCAT-139	Channel Catfish	27/06/2007	Red River Delta	9/1/2008	492	420	370	320		F	Juvenile	3.200	7.00000	12.000
CCAT-140	Channel Catfish	27/06/2007	Red River Delta	9/1/2008	472	410	360	310		F	Juvenile	3.300	9.00000	8.000
WLYE-142	Walleye	17/07/2007	Red River Delta	10/1/2008	448	428	380	340		Unk	Immature	3.800	4.50000	21.000
WLYE-143	Walleye	17/07/2007	Red River Delta	10/1/2008	2790	650	600	540					4.30000	16.000
PIKE-144	Northern Pike	17/07/2007	Wavey Creek	10/1/2008	1681	550	470	420		M	Mature	32.000	28.00000	85.000
WLYE-145	Walleye	17/07/2007	Red River Delta	10/1/2008	441	400	370	320		M	Mature	12.000	16.00000	69.000
WHBS-146	White bass	22/06/2007	Red River Delta	10/1/2008	775	460	390	360		F	Juvenile	3.100	12.00000	2.500
PIKE-147	Northern Pike	28/06/2007	Red River Delta	11/1/2008	426	360	290	260		M	Mature	7.000	18.00000	14.000
PIKE-148	Northern Pike	28/06/2007	Red River Delta	11/1/2008	488	450	420	400		M	Juvenile	12.100	8.00000	6.200
CCAT-149	Channel Catfish	22/06/2007	Red River Delta	11/1/2008	418	440	400	390		M	Juvenile	0.900	16.00000	3.000
CCAT-150	Channel Catfish	27/06/2007	Red River Delta	11/1/2008	1498	480	450	420		M	Mature	0.700	11.00000	32.000
WLYE-151	Walleye	16/07/2007	Red River Delta	11/1/2008	368	380	330	280		Unk	Immature	3.600	21.20000	18.000
WLYE-152	Walleye	16/07/2007	Red River Delta	14/1/2008	289	340	290	260		M	Juvenile		7.00000	4.300
WLYE-153	Walleye	16/07/2007	Red River Delta	14/1/2008	1768	580	560	520		M	Mature	0.300	4.00000	5.600
CCAT-154	Channel Catfish	27/06/2007	Red River Delta	14/1/2008	1821	590	570	530		M	Mature	4.000	2.00000	58.000
CCAT-155	Channel Catfish	27/06/2007	Red River Delta	14/1/2008	538	498	474	454		M	Juvenile	13.000	28.00000	68.000
CCAT-156	Channel Catfish	22/06/2007	Red River Delta	14/1/2008	488	456	444	421		M	Juvenile	1.200	13.00000	2.200
CCAT-157	Channel Catfish	28/07/2007	Red River Delta	15/1/2008	482	468	455	438		M	Juvenile	0.900	11.00000	2.000
CCAT-158	Channel Catfish	28/07/2007	Red River Delta	15/1/2008	1685	570	520	490		F	Mature	0.700	10.00000	2.800
WHBS-159	White bass	22/06/2007	Red River Delta	15/1/2008	2471	600	550	510		F	Mature	22.000	20.00000	44.000
WHBS-160	White bass	22/06/2007	Red River Delta	15/1/2008	650	370	350	300		F	Mature	24.000	26.00000	58.000
PIKE-161	Northern Pike	16/07/2007	Red River Delta	15/1/2008	522	400	360	340		F	Mature	19.000	16.00000	9.000
WLYE-162	Walleye	27/06/2007	Red River Delta	15/1/2008	305	390	360	330		F	Mature	21.000	13.00000	6.000
CCAT-163	Channel Catfish	12/6/2007	Red River Delta	16/1/2008	1612	540	470	440		F	Juvenile	1.800	7.00000	3.100
CCAT-164	Channel Catfish	22/06/2007	Red River Delta	16/1/2008	698	440	410	360		F	Juvenile	18.000	24.00000	48.000
CCAT-165	Channel Catfish	22/06/2007	Red River Delta	16/1/2008	534	350	350	310		F	Juvenile	7.100	16.00000	7.500
CCAT-166	Channel Catfish	22/06/2007	Red River Delta	16/1/2008	413	320	280	260		F	Juvenile	6.300	11.50000	6.000
CCAT-167	Channel Catfish	22/06/2007	Red River Delta	16/1/2008	513	400	380	340		F	Juvenile	2.600	10.80000	4.900
CCAT-168	Channel Catfish	22/06/2007	Red River Delta	16/1/2008	308	290	270	250		F	Juvenile	2.800	9.20000	3.800
PIKE-169	Northern Pike	21/06/2007	Red River Delta	17/1/2008	413	320	290	260		F	Juvenile	1.900	8.30000	2.900
WHBS-170	White bass	22/06/2007	Red River Delta	17/1/2008	1244	600	570	550		F	Mature	1.800	7.00000	2.800
WLYE-171	Walleye	22/06/2007	Red River Delta	17/1/2008	1331	420	390	320		F	Mature	27.000	22.00000	24.000
WHBS-172	White bass	22/06/2007	Red River Delta	17/1/2008	1488	500	480	450		F	Mature	31.000	19.50000	27.000
PIKE-173	Northern Pike	16/07/2007	Netley	17/1/2008	1345	390	350	380		F	Mature	16.000	21.00000	41.000
PIKE-174	Northern Pike	28/06/2007	Red River Delta	18/1/2008	38	190	180	160		M	Juvenile	31.000	17.00000	23.000
PIKE-175	Northern Pike	21/06/2007	Red River Delta	18/1/2008	2286	870	850	800		M	Mature	0.200	2.10000	0.000
					2309	880	860	810		F	Mature	12.000	27.00000	18.000
												14.000	26.00000	16.000

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PIKE-176	Northern Pike	21/06/2007	Netley	18/1/2008	1498	390	360	330		F	Mature	3.800	21.00000	17.000
WLYE-177	Walleye	27/06/2007	Red River Delta	18/1/2008	1103	360	330	310		F	Mature	2.800	21.00000	58.000
WHBS-178	White bass	27/06/2007	Red River Delta	18/1/2008	435	340	300	270		F	Mature	14.600	12.60000	12.000
PIKE-179	Northern Pike	22/06/2007	Red River Delta	21/1/2008	875	520	470	450		M	Mature	4.300	12.00000	89.000
PIKE-180	Northern Pike	22/06/2007	Red River Delta	21/1/2008	1092	580	530	500		M	Mature	14.100	18.00000	13.500
PIKE-181	Northern Pike	21/06/2007	Red River Delta	21/1/2008	856	520	490	450		M	Mature	4.100	6.80000	11.400
PIKE-182	Northern Pike	21/06/2007	Red River Delta	21/1/2008	510	350	330	300		M	Mature	12.000	17.00000	18.000
WHBS-183	White bass	21/06/2007	Red River Delta	21/1/2008	633	350	480	440		F	Mature	13.100	9.00000	5.200
PIKE-184	Northern Pike	21/06/2007	Red River Delta	22/1/2008	645	460	400	400		M	Mature	1.200	7.00000	2.000
WHBS-185	White bass	20/06/2007	Red River Delta	22/1/2008	475	330	310	360		F	Mature	11.300	12.00000	32.000
WHBS-186	White bass	20/06/2007	Red River Delta	22/1/2008	405	320	300	250		F	Mature	13.500	7.00000	31.000
WLYE-187	Walleye	16/07/2007	Red River Delta	22/1/2008	346	220	300	260		F	Juvenile	0.400	4.50000	3.000
WLYE-188	Walleye	16/07/2007	Red River Delta	22/1/2008	293	320	300	260		F	Juvenile	0.200	3.80000	3.000
SAUG-189	Sauger	20/06/2007	Red River Delta	22/1/2008	220	290	260	210		F	Juvenile	2.300	5.60000	7.000
WHBS-190	White bass	21/06/2007	Netley	23/1/2008	985	360	360	310		F	Mature	22.800	12.80000	17.000
PIKE-191	Northern Pike	21/06/2007	Netley	23/1/2008	1246	560	560	500		M	Mature	2.200	14.00000	6.000
PIKE-192	Northern Pike	21/06/2007	Netley	23/1/2008	642	430	430	400		F	Mature	8.200	12.00000	4.800
WHBS-193	White bass	21/06/2007	Red River Delta	23/1/2008	961	390	350	310		F	Mature	62.000	17.50000	12.000
WHBS-194	White bass	20/06/2007	Red River Delta	23/1/2008	1339	430	400	340		F	Mature	62.000	24.00000	12.000
WHBS-195	White bass	22/06/2007	Red River Delta	23/1/2008	940	390	360	310		F	Mature	41.000	16.20000	7.500
WHBS-196	White bass	22/06/2007	Red River Delta	23/1/2008	488	350	320	290		F	Mature	32.600	22.10000	6.800
PIKE-197	Northern Pike	19/06/2007	Netley	24/1/2008	631	470	430	400		M	Juvenile	4.100	8.30000	6.000
SAUG-198	Sauger	20/06/2007	Red River Delta	24/1/2008	129	250	230	210		M	Juvenile	0.100	2.30000	2.100
WHBS-199	White bass	22/06/2007	Red River Delta	24/1/2008	651	340	310	260		M	Mature	2.100	1.20000	5.600
WHBS-200	White bass	22/06/2007	Red River Delta	24/1/2008	443	320	280	250		F	Mature	13.000	9.00000	3.800
PIKE-201	Northern Pike	20/06/2007	Red River Delta	24/1/2008	745	470	430	410		M	Mature	1.400	12.60000	6.000
SAUG-202	Sauger	22/06/2007	Red River Delta	24/1/2008	167	270	250	230		F	Juvenile	0.400	2.50000	7.200
WHBS-203	White bass	22/06/2007	Red River Delta	25/1/2008	465	350	325	290		F	Mature	2.700	12.10000	3.800
SAUG-204	Sauger	20/06/2007	Red River Delta	25/1/2008	144	310	290	260		M	Juvenile	0.200	3.10000	4.900
WHBS-205	White bass	21/06/2007	Netley	25/1/2008	690	350	330	270		F	Mature	17.100	11.30000	6.200
WHBS-206	White bass	21/06/2007	Netley	25/1/2008	547	340	320	260		F	Mature	16.000	14.00000	5.800
WHBS-207	White bass	22/06/2007	Netley	25/1/2008	514	330	310	250		F	Mature	7.200	12.10000	4.600
SAUG-208	Sauger	29/06/2007	Red River Delta	25/1/2008	167	315	290	250		F	Juvenile	0.400	12.30000	15.600
SAUG-209	Sauger	20/06/2007	Red River Delta	25/1/2008	157	315	295	255		F	Juvenile	0.220	5.20000	7.300
SAUG-210	Sauger	20/06/2007	Red River Delta	25/1/2008	137	310	290	250		F	Juvenile	0.210	5.10000	12.200
SAUG-211	Sauger	22/06/2007	Red River Delta	25/1/2008	121	290	260	235		F	Juvenile	0.200	2.50000	6.100
SAUG-212	Sauger	20/06/2007	Red River Delta	28/1/2008	101	215	200	190		M	Juvenile	0.100	1.30000	1.300
CCAT-213	Channel Catfish	19/06/2007	Netley	28/1/2008	1091	430	390	350		F	Mature	18.000	28.00000	0.800
WHBS-214	White bass	21/06/2007	Netley	28/1/2008	502	330	310	280		F	Mature	19.000	12.20000	9.200
WLYE-215	Walleye	21/06/2007	Netley	28/1/2008	888	560	520	480		M	Mature	1.000	16.00000	27.000
WLYE-216	Walleye	22/06/2007	Red River Delta	28/1/2008	1785	440	410	360		M	Mature	4.400	32.20000	68.000
WHBS-217	White bass	22/06/2007	Red River Delta	29/1/2008	502	350	335	280		F	Mature	32.000	19.00000	6.300
SAUG-218	Sauger	20/06/2007	Red River Delta	29/1/2009	193	280	250	230		M	Juvenile	0.100	4.60000	10.000
SAUG-219	Sauger	20/06/2007	Red River Delta	29/1/2009	398	356	320	300		F	Juvenile	1.500	8.20000	34.000

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WHBS-220	White bass	20/06/2007	Netley	29/1/2008	392	280	260	240						
WHBS-221	White bass	20/06/2007	Netley	29/1/2008	786	325	300	250		F	Juvenile	2.200	3.10000	6.200
WHBS-222	White bass	20/06/2007	Netley	29/1/2008	409	300	280	260		F	Mature	15.200	7.80000	3.000
WHBS-223	White bass	20/06/2007	Netley	29/1/2008	417	355	320	260		F	Mature	10.200	6.20000	6.800
WHBS-224	White bass	22/06/2007	Red River Delta	29/1/2008	538	335	300	260		F	Mature	18.000	6.90000	11.200
SAUG-225	Sauger	21/06/2007	Red River Delta	29/1/2008	93.2	220	200	180		F	Mature	54.200	9.10000	8.900
GLDE-226	Goldeye	27/06/2007	Red River Delta	30/1/2008	264	300	265	255		Unk	Immature		2.10000	10.000
WHBS-227	White bass	20/06/2007	Netley	30/1/2008	730	355	315	270		Unk	Immature		5.20000	8.000
SAUG-228	Sauger	20/06/2007	Red River Delta	30/1/2008	106	240	220	200		F	Mature	32.200	15.10000	6.800
SAUG-229	Sauger	21/06/2007	Red River Delta	30/1/2008	163	240	220	200		M	Juvenile	0.041	1.20000	5.000
WHBS-230	White bass	20/06/2007	Netley	30/1/2008	482	330	300	260		M	Juvenile	0.080	1.10000	6.600
WLYE-231	Walleye	22/06/2007	Red River Delta	30/1/2008	406	360	330	300		F	Mature	17.000	8.20000	4.200
SAUG-232	Sauger	20/06/2007	Red River Delta	30/1/2008	119	290	228	200		F	Mature	6.200	7.30000	8.100
SAUG-233	Sauger	21/06/2007	Netley	30/1/2008	72	210	190	110		F	Juvenile	0.098	1.21000	3.200
SAUG-234	Sauger	20/06/2007	Red River Delta	1/2/2008	130	255	240	210		M	Juvenile	0.063	0.90000	3.900
SAUG-235	Sauger	20/06/2007	Red River Delta	1/2/2008	118	240	200	200		F	Juvenile	0.200	1.20000	6.100
SAUG-236	Sauger	21/06/2007	Red River Delta	1/2/2008	96	225	190	190		M	Juvenile	0.081	0.80000	3.200
SAUG-237	Sauger	20/06/2007	Red River Delta	1/2/2008	109.6	250	230	200		F	Juvenile	0.068	0.67000	6.000
SAUG-238	Sauger	21/06/2007	Netley	1/2/2008	508	350	330	300		F	Juvenile	0.079	0.87500	6.200
SAUG-239	Sauger	21/06/2007	Red River Delta	1/2/2008	81.6	210	200	180		F	Mature	1.600	6.60000	46.000
SAUG-240	Sauger	21/06/2007	Red River Delta	1/2/2008	53	190	180	160		F	Juvenile	0.980	0.75000	13.800
SAUG-241	Sauger	21/06/2007	Red River Delta	1/2/2008	53.3	180	170	150		F	Juvenile	0.890	0.70000	11.000
PIKE-242	Northern Pike	16/07/2007	Netley	1/2/2008	20.8	150	140	130		F	Juvenile	0.100	0.70000	6.900
CCAT-243	Channel Catfish	22/06/2007	Red River Delta	4/2/2008	461	350	300	280		Unk	Immature		0.20000	0.000
PIKE-244	Northern Pike	20/07/2007	Red River Delta	4/2/2008	633	480	450	420		F	Mature	2.200	3.10000	3.500
GLDE-245	Goldeye	22/06/2007	Red River Delta	4/2/2008	212	310	360	230		F	Mature	2.200	3.80000	3.100
GLDE-246	Goldeye	22/06/2007	Red River Delta	4/2/2008	198	300	250	220		F	Juvenile	0.087	3.40000	1.200
GLDE-247	Goldeye	24/06/2007	Red River Delta	4/2/2008	214	280	260	240		F	Juvenile	0.100	3.10000	1.600
GLDE-248	Goldeye	24/06/2007	Red River Delta	4/2/2008	184	275	250	230		F	Juvenile	0.140	2.90000	1.240
GLDE-249	Goldeye	22/06/2007	Red River Delta	4/2/2008	182	245	230	210		F	Juvenile	0.110	2.70000	1.380
GLDE-250	Goldeye	27/06/2007	Red River Delta	4/2/2008	121	240	215	215		Unk	Immature		1.20000	1.300
WLYE-251	Walleye	21/06/2007	Netley	5/2/2008	4546	720	600	600		Unk	Immature		1.10000	1.100
GLDE-252	Goldeye	27/06/2007	Red River Delta	5/2/2008	36	146	130	100		M	Mature	24.000	62.30000	160.000
GLDE-253	Goldeye	27/06/2007	Red River Delta	5/2/2008	162	250	230	220		Unk	Immature		0.40000	0.600
GLDE-254	Goldeye	27/06/2007	Red River Delta	5/2/2008	162	240	215	200		M	Mature	0.800	0.90000	2.300
GLDE-255	Goldeye	22/06/2007	Red River Delta	5/2/2008	182	240	220	195		M	Mature	0.800	0.95000	0.800
GLDE-256	Goldeye	22/06/2007	Red River Delta	5/2/2008	183	250	250	210		F	Mature	1.000	1.30000	19.000
GLDE-257	Goldeye	20/06/2007	Red River Delta	5/2/2008	278	315	275	220		F	Mature	1.200	1.41000	8.000
GLDE-258	Goldeye	20/06/2007	Red River Delta	5/2/2008	281	320	270	230		F	Mature	1.000	1.80000	0.800
CCAT-259	Channel Catfish	20/06/2007	Netley	6/2/2008	503	460	410	390		F	Mature	1.200	1.82000	1.200
CCAT-260	Channel Catfish	20/06/2007	Netley	6/2/2008	4560	800	740	720		M	Mature	3.400	12.10000	
SAUG-261	Sauger	21/06/2007	Netley	6/2/2008	133	240	230	200		F	Mature	650.000	38.00000	12.000
SAUG-262	Sauger	21/06/2007	Netley	6/2/2008	74	200	190	175		F	Juvenile	0.400	1.70000	3.200
GLDE-263	Goldeye	20/06/2007	Red River Delta	6/2/2008	247	290	270	250		Unk	Immature		1.34000	1.800
									F	Mature	0.800	2.10000	1.600	

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GLDE-264	Goldeye	22/06/2007	Red River Delta	6/2/2008	193	260	240	230		M	Juvenile	0.078	1.90000	0.900
GLDE-265	Goldeye	22/06/2007	Red River Delta	6/2/2008	181	260	235	220		M	Juvenile	0.081	1.60000	0.800
GLDE-266	Goldeye	20/06/2007	Red River Delta	7/2/2008	230	280	260	230		F	Juvenile	0.100	2.20000	3.000
GLDE-267	Goldeye	27/06/2007	Red River Delta	7/2/2008	203	250	240	220		F	Juvenile	0.082	1.40000	0.800
SAUG-268	Sauger	20/06/2007	Red River Delta	7/2/2008	262	340	320	290		F	Juvenile	1.200	2.30000	4.800
WLYE-269	Walleye	20/06/2007	Red River Delta	7/2/2008	326	340	320	270		F	Mature	3.400	2.40000	6.600
WLYE-270	Walleye	20/06/2007	Netley	7/2/2008	201.2	285	270	250		M	Juvenile	0.720	1.28000	33.000
PIKE-271	Northern Pike	16/07/2007	Netley	8/2/2008	58	210	190	180		Unk	Immature		0.70000	0.000
YLPR-272	Yellow perch	16/07/2007	Red River Delta	8/2/2008	1.3	55	48	45		Unk	Immature		0.30000	0.000
YLPR-273	Yellow perch	17/07/2007	Red River Delta	8/2/2008	26	135	125	110		Unk	Immature		0.30000	0.000
YLPR-274	Yellow perch	17/07/2007	Red River Delta	8/2/2008	1.8	56	48	46		Unk	Immature		0.08810	0.000
YLPR-275	Yellow perch	17/07/2007	Red River Delta	8/2/2008	2.3	58	50	48		Unk	Immature		0.09123	0.000
YLPR-276	Yellow perch	17/07/2007	Wavey Creek	8/2/2008	1.8	51	46	41		Unk	Immature		0.08890	0.000
YLPR-277	Yellow perch	17/07/2007	Wavey Creek	11/2/2008	1.7	54	51	43		Unk	Immature		0.08000	0.000
YLPR-278	Yellow perch	17/07/2007	Wavey Creek	11/2/2008	2.1	58	54	47		Unk	Immature		0.09910	0.000
YLPR-279	Yellow perch	17/07/2007	Wavey Creek	11/2/2008	2.4	60	57	48		Unk	Immature		0.06120	0.000
YLPR-280	Yellow perch	17/07/2007	Wavey Creek	11/2/2008	2.1	59	55	48		Unk	Immature		0.07130	0.000
YLPR-281	Yellow perch	17/07/2007	Wavey Creek	11/2/2008	2.1	59	55	48		Unk	Immature		0.01200	0.000
YLPR-282	Yellow perch	17/07/2007	Wavey Creek	11/2/2008	1.5	53	50	44		Unk	Immature		0.51000	0.000
YLPR-283	Yellow perch	17/07/2007	Wavey Creek	12/2/2008	2.5	54	50	46		Unk	Immature		0.58100	0.000
YLPR-284	Yellow perch	17/07/2007	Wavey Creek	12/2/2008	1.8	59	55	48		Unk	Immature		0.21080	0.000
YLPR-285	Yellow perch	17/07/2007	Wavey Creek	12/2/2008	1.3	55	52	44		Unk	Immature		0.48000	0.000
YLPR-286	Yellow perch	17/07/2007	Wavey Creek	12/2/2008	2	60	55	50		Unk	Immature		0.48800	0.000
YLPR-287	Yellow perch	17/07/2007	Wavey Creek	12/2/2008	2.1	61	58	50		Unk	Immature		0.61200	0.000
YLPR-288	Yellow perch	17/07/2007	Wavey Creek	12/2/2008	2.5	64	61	52		Unk	Immature		0.08300	0.000
YLPR-289	Yellow perch	17/07/2007	Wavey Creek	12/2/2008	1.7	57	51	41		Unk	Immature		0.03100	0.000
YLPR-290	Yellow perch	17/07/2007	Wavey Creek	13/2/2008	1.6	56	53	41		Unk	Immature		0.41000	0.000
YLPR-291	Yellow perch	17/07/2007	Wavey Creek	13/2/2008	2	56	51	40		Unk	Immature		0.06800	0.000
YLPR-292	Yellow perch	17/07/2007	Wavey Creek	13/2/2008	1.4	52	50	44		Unk	Immature		0.08810	0.000
YLPR-293	Yellow perch	17/07/2007	Wavey Creek	13/2/2008	1.7	59	50	41		Unk	Immature		0.42000	0.000
YLPR-294	Yellow perch	17/07/2007	Wavey Creek	13/2/2008	1.9	62	56	50		Unk	Immature		0.10300	0.000
YLPR-295	Yellow perch	17/07/2007	Wavey Creek	13/2/2008	1.4	53	49	44		Unk	Immature		0.90000	0.000
YLPR-296	Yellow perch	17/07/2007	Wavey Creek	13/2/2008	19.5	121	115	110		Unk	Immature		0.04100	0.000
YLPR-297	Yellow perch	17/07/2007	Wavey Creek	14/2/2008	1.3	56	52	42		Unk	Immature		0.06812	0.000
YLPR-298	Yellow perch	17/07/2007	Wavey Creek	14/2/2008	1.2	54	51	46		Unk	Immature		0.08819	0.000
YLPR-299	Yellow perch	17/07/2007	Wavey Creek	14/2/2008	1.6	54	49	45		Unk	Immature		0.06812	0.000

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Fish ID	Stomach: Cladocara count	Stomach: Chironomid count	Stomach: Gammarid count	Stomach: Copepoda count	Stomach: Crustacean count	Stomach: Caddisfly larva count	Stomach: Water boatman count	Stomach: White bass count	Stomach: Odonata count	Stomach: Insect pupae count	Stomach: Coleoptera (lady bug) count	Stomach: Frog count	Stomach: Bullhead count	Stomach: Walleye count	Stomach: Mooneye count	Stomach: Yellow perch count	Stomach: Emerald shiner count	Stomach: Catfish count	Stomach: Crappie count	Stomach: Fish remains (Y or N)	Stomach: Water boatman (Y or N)	Stomach: Mucous (Y or N)	Stomach: Digested cladocera (Y or N)	Stomach: Digested insects (Y or N)	Stomach: Digested diptera (Y or N)	Stomach: Digested gamarid (Y or N)	Stomach: Macrophytes (Y or N)	Stomach: Empty? (Y or N)
PIKE-192																					N							Y
WHBS-193																					N							Y
WHBS-194																					N							Y
WHBS-195																					N							Y
WHBS-196																					N							Y
PIKE-197																					N							Y
SAUG-198																					N							Y
WHBS-199																					N							Y
WHBS-200																					N							Y
PIKE-201																					N							Y
SAUG-202																					N							Y
WHBS-203																					N							Y
SAUG-204																					N							Y
WHBS-205																					N							Y
WHBS-206																					N							Y
WHBS-207																					N							Y
SAUG-208																					N							Y
SAUG-209																					N							Y
SAUG-210																					N							Y
SAUG-211																					N							Y
SAUG-212																					N							Y
CCAT-213																					N							Y
WHBS-214																					N							Y
WL YE-215																					N							Y
WL YE-216																					N							Y
WHBS-217																					N							Y
SAUG-218																					N							Y
SAUG-219																					N							Y

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Fish ID	Species	Date of capture (dd/mm/yyyy)	Location (Manitoba)	N Latitude (DD)	W Longitude (DD)	Date of necropsy (dd/mm/yyyy)	Total weight (g)	Total length (mm)	Fork length (mm)	Standard length (mm)	Age	Sex	Maturity	Gonad weight (g)	Liver weight (g)	Visceral fat weight (g)
FHMW-1	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	1/11/2007	1	49	45	40		F	Mature	0.055	0.01050	0.006
FHMW-2	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	1/11/2007	0.8	47	43	39		M	Mature	0.011	0.01102	0.001
FHMW-3	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	1/11/2007	0.8	47	44	39		F	Mature	0.023	0.01210	0.000
FHMW-4	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	2/11/2007	1.1	50	46	40		F	Mature	0.064	0.01902	0.000
FHMW-5	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	2/11/2007	1.4	58	54	47		M	Mature	0.026	0.00982	0.002
FHMW-6	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	2/11/2007	0.8	45	42	37		F	Mature	0.077	0.00244	0.002
FHMW-7	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	2/11/2007	1.5	58	55	47		M	Mature	0.021	0.03107	0.100
FHMW-8	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	2/11/2007	1	47	43	40		F	Mature	0.040	0.00411	0.030
FHMW-9	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	2/11/2007	1.2	52	47	43		M	Mature	0.032	0.00664	0.001
FHMW-10	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	5/11/2007	1.1	54	50	43		F	Mature	0.063	0.04123	0.001
FHMW-11	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	5/11/2007	1	52	46	41		M	Mature	0.001	0.00375	0.023
FHMW-12	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	5/11/2007	1	48	44	40		F	Mature	0.051	0.00310	0.021
FHMW-13	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	5/11/2007	0.8	46	43	38		M	Mature	0.009	0.00213	0.000
FHMW-14	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	5/11/2007	1.4	55	50	45		M	Mature	0.031	0.04123	0.091
FHMW-15	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	5/11/2007	0.8	48	44	30		M	Mature	0.023	0.01211	0.000
FHMW-16	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	5/11/2007	0.7	44	39	36		M	Mature	0.007	0.02101	0.000
FHMW-17	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	6/11/2007	0.8	44	39	36		M	Mature	0.001	0.01912	0.000
FHMW-18	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	6/11/2007	0.8	44	39	36		F	Mature	0.023	0.00211	0.000
FHMW-19	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	6/11/2007	1.1	49	46	40		M	Mature	0.002	0.00631	0.000
FHMW-20	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	6/11/2007	0.6	41	38	35		F	Mature	0.019	0.00341	0.000
FHMW-21	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	6/11/2007	0.8	46	41	37		F	Mature	0.029	0.01912	0.001
FHMW-22	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	6/11/2007	1.7	59	55	48		F	Mature	0.091	0.02134	0.004
FHMW-23	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	6/11/2007	0.9	46	44	37		F	Mature	0.056	0.00612	0.000
FHMW-24	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	7/11/2007	1.6	59	56	48		M	Mature	0.002	0.01135	0.041
FHMW-25	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	7/11/2007	1	50	45	40		F	Mature	0.065	0.00213	0.000
FHMW-26	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	7/11/2007	0.5	39	36	30		F	Mature	0.031	0.00213	0.004
FHMW-27	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	7/11/2007	0.6	41	38	35		F	Mature	0.022	0.00132	0.000
FHMW-28	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	7/11/2007	0.8	46	43	39		M	Mature	0.003	0.00312	0.000
FHMW-29	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	7/11/2007	1.6	61	56	50		M	Mature	0.003	0.05921	0.041
FHMW-30	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	7/11/2007	2	62	58	52		M	Mature	0.003	0.04891	0.048
FHMW-31	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	7/11/2007	0.8	46	42	39		F	Mature	0.005	0.02341	0.004
FHMW-32	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	7/11/2007	1.3	53.5	49	43		F	Mature	0.031	0.02302	0.023
FHMW-33	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	7/11/2007	1.2	53	49	43		F	Mature	0.039	0.02110	0.002
FHMW-34	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	8/11/2007	0.7	44	41	35		F	Mature	0.032	0.00312	0.001
FHMW-35	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	8/11/2007	0.7	44	41	35		F	Mature	0.031	0.00219	0.001
FHMW-36	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	8/11/2007	1.3	52	48	44		F	Mature	0.048	0.05612	0.022
FHMW-37	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	8/11/2007	0.5	37	35	32		Unkn		0.00321	0.002	0.027
FHMW-38	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	8/11/2007	1	49	45	39		F	Mature	0.041	0.05612	0.027
FHMW-39	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	8/11/2007	0.8	46	41	36		F	Mature	0.018	0.03482	0.004
FHMW-40	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	8/11/2007	1.1	51	47	41		M	Mature	0.008	0.05612	0.000
FHMW-41	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	8/11/2007	1.4	52	47	43		M	Mature	0.012	0.05123	0.031
FHMW-42	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	8/11/2007	0.8	48	44	40		F	Mature	0.018	0.03210	0.000
FHMW-43	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	9/11/2007	2.1	68	58	51		M	Mature	0.062	0.08231	0.071
FHMW-44	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	9/11/2007	0.9	47	42	38		F	Mature	0.068	0.03211	0.000

Fish ID	Species	Date of capture (dd/mm/yyyy)	Location (Manitoba)	N Latitude (DD)	W Longitude (DD)	Date of necropsy (dd/mm/yyyy)	Total weight (g)	Total length (mm)	Fork length (mm)	Standard length (mm)	Age	Sex	Maturity	Gonad weight (g)	Liver weight (g)	Visceral fat weight (g)
FHMW-45	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	9/11/2007	1	48	45	40		M	Mature	0.004	0.02120	0.000
FHMW-46	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	9/11/2007	0.8	44	41	37		F	Mature	0.021	0.03123	0.000
FHMW-47	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	9/11/2007	1.7	51	51	41		M	Mature	0.053	0.06321	0.000
FHMW-48	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	9/11/2007	0.9	45	42	38		F	Mature	0.051	0.01982	0.001
FHMW-49	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	9/11/2007	0.6	39	36	33		F	Mature	0.021	0.01620	0.000
FHMW-50	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	9/11/2007	1.2	51	47	42		M	Mature	0.012	0.04812	0.001
FHMW-51	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	9/11/2007	1.2	54	44	44		M	Mature	0.018	0.05612	0.035
FHMW-52	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	9/11/2007	1.2	54	44	44		F	Mature	0.049	0.04823	0.041
FHMW-53	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	12/11/2007	0.7	42	38	34		F	Mature	0.047	0.00913	0.003
FHMW-54	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	12/11/2007	0.6	41	38	34		F	Mature	0.025	0.00882	0.001
FHMW-55	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	12/11/2007	1.5	53.5	48	41		F	Mature	0.012	0.01330	0.029
FHMW-56	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	12/11/2007	1.4	53	48	40		F	Mature	0.110	0.01210	0.021
FHMW-57	Fathead minnow	22/10/2007	erson (Red Rive	49.00011	97.23022	12/11/2007	0.1	29	27	26		F	Juvenile	0.001	0.00120	0.000
FHMW-58	Fathead minnow	22/10/2007	erson (Red Rive	49.00011	97.23022	12/11/2007	0.3	34	30	28		M	Mature	0.002	0.00140	0.000
FHMW-59	Fathead minnow	22/10/2007	erson (Red Rive	49.00011	97.23022	12/11/2007	0.3	37	33	29		M	Mature	0.002	0.00130	0.000
FHMW-60	Fathead minnow	22/10/2007	erson (Red Rive	49.00011	97.23022	12/11/2007	1	48	44	40		M	Mature	0.004	0.04812	0.006
FHMW-61	Fathead minnow	22/10/2007	erson (Red Rive	49.00011	97.23022	12/11/2007	0.5	44	39	34		F	Mature	0.062	0.00312	0.000
FHMW-62	Fathead minnow	22/10/2007	erson (Red Rive	49.00011	97.23022	12/11/2007	0.4	40	35	31		F	Mature	0.002	0.00221	0.000
FHMW-63	Fathead minnow	22/10/2007	erson (Red Rive	49.00011	97.23022	12/11/2007	0.1	29	27	25		Unkn	Im	0.000	0.00012	0.000
FHMW-64	Fathead minnow	22/10/2007	erson (Red Rive	49.00011	97.23022	12/11/2007	0.4	41	38	33		F	Mature	0.003	0.00339	0.000
FHMW-65	Fathead minnow	22/10/2007	erson (Red Rive	49.00011	97.23022	12/11/2007	0.2	29	27	25		F	Mature	0.002	0.00112	0.000
FHMW-66	Fathead minnow	22/10/2007	erson (Red Rive	49.00011	97.23022	12/11/2007	0.6	44	40	35		M	Mature	0.001	0.00213	0.000
FHMW-67	Fathead minnow	25/09/07	Baylor Pond- I	49.78013	97.15348	13/11/2007	0.8	44	41	37		F	Mature	0.061	0.01123	0.000
FHMW-68	Fathead minnow	25/09/08	Baylor Pond- I	49.78013	97.15348	13/11/2007	0.9	44	41	37		F	Mature	0.068	0.01223	0.000
FHMW-69	Fathead minnow	25/09/09	Baylor Pond- I	49.78013	97.15348	13/11/2007	2.4	66	60	55		M	Mature	0.008	0.04562	0.006
FHMW-70	Fathead minnow	25/09/10	Baylor Pond- I	49.78013	97.15348	13/11/2007	0.3	30	33	29		F	Mature	0.001	0.00421	0.000
FHMW-71	Fathead minnow	25/09/11	Baylor Pond- I	49.78013	97.15348	13/11/2007	1.9	57	52	46		F	Mature	0.069	0.04213	0.005
FHMW-72	Fathead minnow	25/09/07	Baylor Pond- I	49.78013	97.15348	13/11/2007	1.1	48	45	40		M	Mature	0.002	0.03210	0.001
FHMW-73	Fathead minnow	25/09/08	Baylor Pond- I	49.78013	97.15348	13/11/2007	0.6	39	36	32		F	Mature	0.012	0.02234	0.000
FHMW-74	Fathead minnow	25/09/09	Baylor Pond- I	49.78013	97.15348	13/11/2007	1.1	49	48	41		F	Mature	0.041	0.03213	0.002
FHMW-75	Fathead minnow	25/09/10	Baylor Pond- I	49.78013	97.15348	13/11/2007	0.5	38	35	30		F	Mature	0.044	0.05123	0.000
FHMW-76	Fathead minnow	25/09/11	Baylor Pond- I	49.78013	97.15348	13/11/2007	1.7	56	51	45		M	Mature	0.009	0.05222	0.052
FHMW-77	Fathead minnow	25/09/07	Baylor Pond- I	49.78013	97.15348	13/11/2007	3.5	71	64	58		M	Mature	0.048	0.06212	0.061
FHMW-78	Fathead minnow	25/09/08	Baylor Pond- I	49.78013	97.15348	14/11/2007	2.5	63	59	52		F	Mature	0.068	0.04323	0.012
FHMW-79	Fathead minnow	25/09/09	Baylor Pond- I	49.78013	97.15348	14/11/2007	2.4	62.5	58	52		M	Mature	0.021	0.04121	0.011
FHMW-80	Fathead minnow	25/09/10	Baylor Pond- I	49.78013	97.15348	14/11/2007	3.1	70	66	58		F	Mature	0.211	0.08123	0.044
FHMW-81	Fathead minnow	25/09/11	Baylor Pond- I	49.78013	97.15348	14/11/2007	1.9	59	56	48		F	Mature	0.038	0.02314	0.003
FHMW-82	Fathead minnow	25/09/07	Baylor Pond- I	49.78013	97.15348	14/11/2007	2.6	63	59	54		F	Mature	0.041	0.03213	0.001
FHMW-83	Fathead minnow	25/09/08	Baylor Pond- I	49.78013	97.15348	14/11/2007	0.5	36	34	30		Unkn	Unkn		0.00123	0.000
FHMW-84	Fathead minnow	25/09/09	Baylor Pond- I	49.78013	97.15348	14/11/2007	0.5	36	34	30		Unkn	Unkn		0.00131	0.000
FHMW-85	Fathead minnow	25/09/10	Baylor Pond- I	49.78013	97.15348	15/11/2007	2.3	60	51	47		M	Mature	0.002	0.03489	0.002
FHMW-86	Fathead minnow	25/09/11	Baylor Pond- I	49.78013	97.15348	15/11/2007	1.2	47	44	39		F	Mature	0.022	0.01320	0.001
FHMW-87	Fathead minnow	22/10/2007	Baylor Pond- I	49.78013	97.15348	15/11/2007	2.3	65	60	55		M	Mature	0.004	0.03123	0.002
FHMW-88	Fathead minnow	22/10/2007	Baylor Pond- I	49.78013	97.15348	15/11/2007	0.1	28	26	24		Unkn	Im	0.000	0.00213	0.000

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FHMW-89	Fathead minnow	22/10/2007	Baylor Pond- I	49.78013	97.15348	15/11/2007	0.6	42	38	34		F	Mature	0.005	0.00261	0.003
FHMW-90	Fathead minnow	22/10/2007	Baylor Pond- I	49.78013	97.15348	15/11/2007	0.5	37	34	31		M	Mature	0.002	0.00313	0.002
FHMW-91	Fathead minnow	22/10/2007	Baylor Pond- I	49.78013	97.15348	15/11/2007	0.9	47	44	39		F	Mature	0.003	0.00322	0.021
FHMW-92	Fathead minnow	22/10/2007	Baylor Pond- I	49.78013	97.15348	15/11/2007	0.5	41	39	33		M	Mature	0.002	0.00142	0.000
FHMW-93	Fathead minnow	22/10/2007	Baylor Pond- I	49.78013	97.15348	15/11/2007	2.1	58	55	48		F	Mature	0.211	0.06812	0.006
FHMW-94	Fathead minnow	22/10/2007	Baylor Pond- I	49.78013	97.15348	15/11/2007	0.4	41	37	37		M	Im	0.001	0.01901	0.000
FHMW-95	Fathead minnow	22/10/2007	Baylor Pond- I	49.78013	97.15348	15/11/2007	0.9	46	43	37		F	Mature	0.021	0.01320	0.000
FHMW-96	Fathead minnow	22/10/2007	Baylor Pond- I	49.78013	97.15348	15/11/2007	0.7	46	43	41		F	Mature	0.020	0.01214	0.000
FHMW-97	Fathead minnow	22/10/2007	Baylor Pond- I	49.78013	97.15348	16/11/2007	1.8	57	52	46		F	Mature	0.062	0.03212	0.000
FHMW-98	Fathead minnow	22/10/2007	Baylor Pond- I	49.78013	97.15348	16/11/2007	0.4	38	35	31		F	Mature	0.031	0.02121	0.000
FHMW-99	Fathead minnow	22/10/2007	Baylor Pond- I	49.78013	97.15348	16/11/2007	0.3	37	32	29		Unkn	Im		0.00123	0.000
FHMW-100	Fathead minnow	22/10/2007	Baylor Pond- I	49.78013	97.15348	16/11/2007	0.9	46	43	37		F	Mature	0.005	0.02131	0.001
FHMW-101	Fathead minnow	22/10/2007	Baylor Pond- I	49.78013	97.15348	18/11/2007	1.4	54	46	39		F	Mature	0.078	0.01286	0.001
FHMW-102	Fathead minnow	22/10/2007	Baylor Pond- I	49.78013	97.15348	18/11/2007	0.3	36	33	29		M	Mature	0.001	0.00121	0.000
FHMW-103	Fathead minnow	22/10/2007	Baylor Pond- I	49.78013	97.15348	18/11/2007	1.5	56	52	45		F	Mature	0.081	0.01341	0.023
FHMW-104	Fathead minnow	22/10/2007	Baylor Pond- I	49.78013	97.15348	18/11/2007	1.9	47	44	39		F	Mature	0.089	0.01923	0.030
FHMW-105	Fathead minnow	22/10/2007	Baylor Pond- I	49.78013	97.15348	18/11/2007	3.8	79	65	62		M	Mature	0.021	0.05612	0.051
FHMW-106	Fathead minnow	22/10/2007	Baylor Pond- I	49.78013	97.15348	18/11/2007	2.6	55	51	45		F	Mature	0.038	0.01331	0.000
FHMW-107	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	18/11/2007	0.6	44	37	35		F	Mature	0.022	0.01011	0.000
FHMW-108	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	18/11/2007	0.8	46	38	36		F	Mature	0.033	0.01121	0.000
FHMW-109	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	18/11/2007	0.6	44	41	35		M	Juvenile	0.001	0.00998	0.000
FHMW-110	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	19/11/2007	0.5	38	35	31		F	Mature	0.025	0.01120	0.000
FHMW-111	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	19/11/2007	0.7	45	42	37		F	Mature	0.039	0.01120	0.023
FHMW-112	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	19/11/2007	0.7	45	42	37		F	Mature	0.031	0.01826	0.001
FHMW-113	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	19/11/2007	0.8	45	43	37		F	Mature	0.001	0.01861	0.000
FHMW-114	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	19/11/2007	0.6	41	37	32		M	Mature		0.00111	0.000
FHMW-115	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	19/11/2007	0.3	38	35	31		Unkn	Im		0.00113	0.000
FHMW-116	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	19/11/2007	0.2	33	29	27		Unkn	Im		0.00132	0.000
FHMW-117	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	19/11/2007	0.7	42	39	37		M	Mature	0.001	0.00113	0.000
FHMW-118	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	19/11/2007	0.8	46	43	38		Unkn	Im		0.00132	0.000
FHMW-119	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	20/11/2007	1.7	58	53	47		F	Mature	0.145	0.02451	0.000
FHMW-120	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	20/11/2007	1.8	59	54	47		F	Mature	0.110	0.02682	0.000
FHMW-121	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	20/11/2007	1.5	54	50	45		F	Mature	0.088	0.03381	0.000
FHMW-122	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	20/11/2007	0.1	25	23	20		F	Im	0.000	0.00010	0.031
FHMW-123	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	20/11/2007	2.1	60	56	50		F	Mature	0.101	0.09812	0.061
FHMW-124	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	20/11/2007	2	58	51	43		F	Mature	0.066	0.05912	0.001
FHMW-125	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	20/11/2007	1.5	55	51	45		F	Mature	0.069	0.04410	0.003
FHMW-126	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	20/11/2007	0.4	39	36	32		F	Mature	0.029	0.01161	0.000
FHMW-127	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	20/11/2007	0.2	30	27	25		F	Juvenile	0.001	0.01230	0.000
FHMW-128	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	20/11/2007	0.7	37	33	30		F	Mature	0.021	0.02113	0.086
FHMW-129	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	20/11/2007	1.5	57	52	46		F	Mature	0.066	0.02113	0.002
FHMW-130	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	21/11/2007	0.8	38	34	31		M	Mature	0.008	0.01310	0.000
FHMW-131	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	21/11/2007	1.1	50.5	48	42		M	Mature	0.009	0.02213	0.000
FHMW-132	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	21/11/2007	1.8	58	54	48		M	Mature	0.009	0.03186	0.003

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FHMW-133	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	21/11/2007	0.3	29	26	24		F	Im	0.002	0.00886	0.000
FHMW-134	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	21/11/2007	2.7	65	58	52		F	Mature	0.199	0.02000	0.066
FHMW-135	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	21/11/2007	0.4	35	34	31		F	Mature	0.055	0.02310	0.000
FHMW-136	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	21/11/2007	0.4	36	34	30		M	Mature	0.001	0.01124	0.000
FHMW-137	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	21/11/2007	1.5	53	47	42		F	Mature	0.261	0.05123	0.001
FHMW-138	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	21/11/2007	0.2	28	26	23		F	Im	0.001	0.00100	0.000
FHMW-139	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	21/11/2007	0.4	38	35	31		F	Mature	0.022	0.01306	0.000
FHMW-140	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	22/11/2007	0.4	38	35	31		F	Mature	0.028	0.02612	0.000
FHMW-141	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	22/11/2007	0.3	37	32	29		F	Mature	0.001	0.00130	0.000
FHMW-142	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	22/11/2007	0.2	35	31	28		F	Mature	0.001	0.00121	0.000
FHMW-143	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	22/11/2007	0.5	40	36	32		F	Mature	0.023	0.01689	0.000
FHMW-144	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	22/11/2007	2.1	60	54	47		F	Mature	0.313	0.00490	0.004
FHMW-145	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	22/11/2007	0.3	35	32	29		M	Mature	0.001	0.00810	0.000
FHMW-146	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	22/11/2007	0.6	43	38	35		M	Mature	0.008	0.01210	0.001
FHMW-147	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	22/11/2007	0.1	28	25	22		F	Mature	0.001	0.00481	0.000
FHMW-148	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	22/11/2007	0.4	39	36	31		M	Mature	0.008	0.01221	0.000
FHMW-149	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	23/11/2007	0.2	35	31	28		M	Mature	0.001	0.00231	0.000
FHMW-150	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	23/11/2007	0.1	27	25	22		F	Mature	0.001	0.00121	0.000
FHMW-151	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	23/11/2007	0.3	36	32	30		F	Mature	0.009	0.00681	0.000
FHMW-152	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	23/11/2007	0.2	31	28	26		F	Mature	0.012	0.00891	0.000
FHMW-153	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	23/11/2007	0.1	25	22	20		F	Mature	0.004	0.00681	0.000
FHMW-154	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	23/11/2007	0.1	24	21	20		F	Im		0.00019	0.000
FHMW-155	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	23/11/2007	0.2	25	22	20		F	Im		0.00112	0.000
FHMW-156	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	23/11/2007	0.3	36	32	30		F	Mature	0.009	0.00668	0.000
FHMW-157	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	25/11/2007	0.1	23	21	18		F	Juvenile		0.00105	0.000
FHMW-158	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	25/11/2007	0.3	34	31	28		M	Im	0.002	0.00801	0.000
FHMW-159	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	25/11/2007	0.4	36	32	30		M	Mature	0.021	0.01210	0.001
FHMW-160	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	25/11/2007	0.1	25	23	21		F	Im	0.004	0.00223	0.000
FHMW-161	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	25/11/2007	0.3	35	33	28		F	Mature	0.002	0.00448	0.001
FHMW-162	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	25/11/2007	0.3	36	33	29		F	Mature	0.014	0.00561	0.000
FHMW-163	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	25/11/2007	0.4	40	36	31		F	Mature	0.037	0.01128	0.000
FHMW-164	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	25/11/2007	0.4	39	36	32		F	Mature	0.039	0.00205	0.000
FHMW-165	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	25/11/2007	0.1	29	27	24		Unkn	Im		0.00160	0.000
FHMW-166	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	25/11/2007	0.1	28	26	23		F	Juvenile	0.000	0.00810	0.000
FHMW-167	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	25/11/2007	0.8	46	42	37		F	Mature	0.086	0.03312	0.002
FHMW-168	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	25/11/2007	0.4	42	38	34		M	Mature	0.003	0.00560	0.001
FHMW-169	Fathead minnow	5/10/2007	Pembina/LaRiviera	49.23041	98.67562	25/11/2007	0.3	41	37	34		M	Mature	0.002	0.00412	0.063
FHMW-170	Fathead minnow	9/10/2007	Wawanesa/Souris	49.59896	99.68317	25/11/2007	0.3	38	34	30		M	Mature	0.002	0.00231	0.006
FHMW-171	Fathead minnow	9/10/2007	Wawanesa/Souris	49.59896	99.68317	25/11/2007	0.4	39	36	32		M	Mature	0.007	0.00310	0.000
FHMW-172	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	26/11/2007	0.5	40	37	32		M	Mature	0.006	0.01106	0.000
FHMW-173	Fathead minnow	4/11/2007	Wawanesa	49.59896	99.68317	26/11/2007	1/0/1900	43	40	35		M	Mature	0.009	0.06181	0.001
FHMW-174	Fathead minnow	4/12/2007	Wawanesa	49.59896	99.68317	26/11/2007	0.9	51	48	41		M	Mature	0.011	0.05682	0.009
FHMW-175	Fathead minnow	4/13/2007	Wawanesa	49.59896	99.68317	26/11/2007	1	49	45	40		M	Mature	0.023	0.02813	0.066

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FHMW-176	Fathead minnow	4/14/2007	Wawanesa	49.59896	99.68317	26/11/2007	0.6	46	41	37		F	Mature	0.089	0.02819	0.001
FHMW-177	Fathead minnow	4/15/2007	Wawanesa	49.59896	99.68317	26/11/2007	0.8	48	44	38		M	Mature	0.066	0.04123	0.002
FHMW-178	Fathead minnow	4/16/2007	Wawanesa	49.59896	99.68317	26/11/2007	0.5	42	38	35		F	Mature	0.033	0.03110	0.000
FHMW-179	Fathead minnow	4/17/2007	Wawanesa	49.59896	99.68317	26/11/2007	0.5	41	35	32		F	Mature	0.041	0.03112	0.000
FHMW-180	Fathead minnow	4/18/2007	Wawanesa	49.59896	99.68317	26/11/2007	0.6	48	43	38		F	Mature	0.033	0.03481	0.003
FHMW-181	Fathead minnow	4/19/2007	Wawanesa	49.59896	99.68317	26/11/2007	0.9	50	46	41		F	Mature	0.052	0.03802	0.004
FHMW-182	Fathead minnow	22/10/2007	erson (Red Rive	49.00011	97.23022	27/11/2007	0.4	39	36	31		M	Mature	0.002	0.02310	0.002
FHMW-183	Fathead minnow	22/10/2007	erson (Red Rive	49.00011	97.23022	27/11/2007	0.8	47	43	37		F	Mature	0.011	0.02106	0.000
FHMW-184	Fathead minnow	22/10/2007	erson (Red Rive	49.00011	97.23022	27/11/2007	0.2	35	32	29		F	Mature	0.069	0.03310	0.000
FHMW-185	Fathead minnow	22/10/2007	erson (Red Rive	49.00011	97.23022	27/11/2007	0.3	37	33	30		F	Mature	0.006	0.00582	0.000
FHMW-186	Fathead minnow	22/10/2007	erson (Red Rive	49.00011	97.23022	27/11/2007	0.7	56	42	32		F	Mature	0.056	0.01089	0.002
FHMW-187	Fathead minnow	22/10/2007	erson (Red Rive	49.00011	97.23022	27/11/2007	0.4	42	37	34		M	Mature	0.028	0.01112	0.000
FHMW-188	Fathead minnow	22/10/2007	erson (Red Rive	49.00011	97.23022	27/11/2007	0.4	40	37	33		F	Mature	0.049	0.02210	0.009
FHMW-189	Fathead minnow	22/10/2007	erson (Red Rive	49.00011	97.23022	27/11/2007	0.7	45	41	37		M	Mature	0.011	0.02106	0.004
FHMW-190	Fathead minnow	22/10/2007	erson (Red Rive	49.00011	97.23022	27/11/2007	0.5	41	37	34		F	Mature	0.002	0.03221	0.000
FHMW-191	Fathead minnow	22/10/2007	erson (Red Rive	49.00011	97.23022	27/11/2007	0.3	39	36	31		F	Mature	0.002	0.00183	0.000
FHMW-192	Fathead minnow	22/10/2007	erson (Red Rive	49.00011	97.23022	27/11/2007	0.7	43	40	36		M	Mature	0.007	0.02230	0.006
FHMW-193	Fathead minnow	22/10/2007	erson (Red Rive	49.00011	97.23022	27/11/2007	0.9	47	43	39		F	Mature	0.046	0.02210	0.007
FHMW-194	Fathead minnow	25/09/07	Baylor Pond- I	49.78013	97.15348	28/11/2007	0.6	41	38	34		M	Mature	0.047	0.02112	0.002
FHMW-195	Fathead minnow	25/09/07	Baylor Pond- I	49.78013	97.15348	28/11/2007	3.7	67	60	54		M	Mature	0.090	0.07819	0.023
FHMW-196	Fathead minnow	25/09/07	Baylor Pond- I	49.78013	97.15348	28/11/2007	0.3	53	49	44		F	Mature	0.059	0.03310	0.004
FHMW-197	Fathead minnow	25/09/07	Baylor Pond- I	49.78013	97.15348	28/11/2007	1.7	56	52	48		M	Mature	0.022	0.02101	0.021
FHMW-198	Fathead minnow	25/09/07	Baylor Pond- I	49.78013	97.15348	28/11/2007	1.9	46	42	33		M	Mature	0.035	0.03210	0.032
FHMW-199	Fathead minnow	25/09/07	Baylor Pond- I	49.78013	97.15348	28/11/2007	2.7	62	55	49		F	Mature	0.201	0.01201	0.089
FHMW-200	Fathead minnow	25/09/07	Baylor Pond- I	49.78013	97.15348	28/11/2007	0.5	36	33	31		F	Mature	0.035	0.02210	0.002
FHMW-201	Fathead minnow	25/09/07	Baylor Pond- I	49.78013	97.15348	28/11/2007	3.2	64	58	52		M	Mature	0.089	0.09121	0.221
FHMW-202	Fathead minnow	25/09/07	Baylor Pond- I	49.78013	97.15348	28/11/2007	0.6	37	34	30		F	Mature	0.009	0.00321	0.000
FHMW-203	Fathead minnow	25/09/07	Baylor Pond- I	49.78013	97.15348	28/11/2007	0.8	43	40	35		F	Mature	0.099	0.08110	0.001
EMSH-204	Emerald Shinner	22/10/07	erson (Red Rive	49.00011	97.23022	28/11/2007	2.2	72	65	59		F	Mature	0.081		0.000
EMSH-205	Emerald Shinner	22/10/07	erson (Red Rive	49.00011	97.23022	28/11/2007	1.7	69	63	56		Unkn				
EMSH-206	Emerald Shinner	22/10/07	erson (Red Rive	49.00011	97.23022	28/11/2007	2.2	73	67	60		Unkn				
EMSH-207	Emerald Shinner	23/10/07	Selkirk	50.15042	96.85757	29/11/2007	2.6	74	65	60		M	Mature	0.012	0.03581	0.006
EMSH-208	Emerald Shinner	23/10/07	Selkirk	50.15042	96.85757	29/11/2007	2.5	71	64	59		M	Mature	0.013	0.03780	0.000
EMSH-209	Emerald Shinner	23/10/07	Selkirk	50.15042	96.85757	29/11/2007	2.5	70	64	58		M	Mature	0.002	0.03210	0.007
EMSH-210	Emerald Shinner	23/10/07	Selkirk	50.15042	96.85757	29/11/2007	2	68	62	54		F	Mature	0.002	0.00221	0.001
EMSH-211	Emerald Shinner	23/10/07	Selkirk	50.15042	96.85757	29/11/2007	1	72	66	62		F	Mature	0.002	0.00161	0.001
EMSH-212	Emerald Shinner	23/10/07	Selkirk	50.15042	96.85757	29/11/2007	0.5	42	38	35		Unkn	Im		0.00111	0.000
EMSH-213	Emerald Shinner	23/10/07	Selkirk	50.15042	96.85757	29/11/2007	0.5	42	37	35		F	Juvenile	0.001	0.00100	0.000
EMSH-214	Emerald Shinner	23/10/07	Selkirk	50.15042	96.85757	29/11/2007	0.6	50	44	40		Unkn	Juvenile		0.00100	0.000
EMSH-215	Emerald Shinner	23/10/07	Selkirk	50.15042	96.85757	29/11/2007	2.1	68	60	54		F	Mature	0.035	0.01826	0.009
EMSH-216	Emerald Shinner	23/10/07	Selkirk	50.15042	96.85757	29/11/2007	1.3	60	55	50		F	Mature	0.019	0.01321	0.001
EMSH-217	Emerald Shinner	23/10/07	Selkirk	50.15042	96.85757	30/11/2007	2	70	64	59		F	Mature	0.034	0.01312	0.009
EMSH-218	Emerald Shinner	23/10/07	Selkirk	50.15042	96.85757	30/11/2007	2	65	58	54		M	Mature	0.023	0.04291	0.006
EMSH-219	Emerald Shinner	23/10/07	Selkirk	50.15042	96.85757	30/11/2007	0.5	46	41	38		M	Juvenile	0.000	0.00201	0.000

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EMSH-220	Emerald Shinner	23/10/07	Selkirk	50.15042	96.85757	30/11/2007	0.5	42	42	38		M	Juvenile	0.000	0.00211	0.000
EMSH-221	Emerald Shinner	23/10/07	Selkirk	50.15042	96.85757	30/11/2007	2.5	70	64	59		M	Mature	0.004	0.02130	0.000
EMSH-222	Emerald Shinner	23/10/07	Selkirk	50.15042	96.85757	30/11/2007	2.3	70	62	51		M	Mature	0.047	0.02310	0.001
EMSH-223	Emerald Shinner	23/10/07	Selkirk	50.15042	96.85757	30/11/2007	2.1	73	62	57		M	Mature	0.048	0.03810	0.002
EMSH-224	Emerald Shinner	23/10/07	Selkirk	50.15042	96.85757	30/11/2007	1.9	62	56	52		F	Mature	0.078	0.04653	0.003
EMSH-225	Emerald Shinner	23/10/07	Selkirk	50.15042	96.85757	30/11/2007	0.4	43	39	35		Unkn	Im		0.00121	0.000
EMSH-226	Emerald Shinner	23/10/07	Selkirk	50.15042	96.85757	30/11/2007	2.4	73	66	60		F	Mature	0.005	0.00629	0.007
EMSH-227	Emerald Shinner	23/10/07	Selkirk	50.15042	96.85757	30/11/2007	2.2	73	64	59		M	Mature	0.007	0.03218	0.008
EMSH-228	Emerald Shinner	23/10/07	Selkirk	50.15042	96.85757	30/11/2007	4.3	85	76	70		F	Mature	0.312	0.51060	0.106
FHMW-229	Fathead minnow	25/09/07	Baylor Pond-I	49.78013	97.15348	2/12/2007	1.2	49	44	40		F	Mature	0.041	0.00862	0.000
FHMW-230	Fathead minnow	25/09/07	Baylor Pond-I	49.78013	97.15348	2/12/2007	3.4	69	63	59		M	Mature	0.006	0.02206	0.009
FHMW-231	Fathead minnow	25/09/07	Baylor Pond-I	49.78013	97.15348	2/12/2007	1.4	54	48	44		Unkn	Im		0.02311	0.003
FHMW-232	Fathead minnow	25/09/07	Baylor Pond-I	49.78013	97.15348	2/12/2007	2.6	66	60	57		F	Mature	0.056	0.02310	0.004
FHMW-233	Fathead minnow	25/09/07	Baylor Pond-I	49.78013	97.15348	2/12/2007	2.3	65	60	56		F	Mature	0.056	0.04481	0.001
FHMW-234	Fathead minnow	25/09/07	Baylor Pond-I	49.78013	97.15348	2/12/2007	0.2	32	29	27		M	Juvenile	0.000	0.00231	0.000
FHMW-235	Fathead minnow	25/09/07	Baylor Pond-I	49.78013	97.15348	2/12/2007	0.3	33	30	27		Unkn	Im		0.00113	0.000
FHMW-236	Fathead minnow	25/09/07	Baylor Pond-I	49.78013	97.15348	2/12/2007	2.7	70	65	60		M	Mature	0.001	0.06612	0.003
FHMW-237	Fathead minnow	25/09/07	Baylor Pond-I	49.78013	97.15348	2/12/2007	0.6	43	39	36		M	Mature	0.001	0.00123	0.002
FHMW-238	Fathead minnow	25/09/07	Baylor Pond-I	49.78013	97.15348	2/12/2007	0.3	36	32	28		F	Mature	0.003	0.00428	0.002
EMSH-239	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	2/12/2007	2.9	82	77	65		Unkn	Juvenile		0.03899	0.002
EMSH-240	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	2/12/2007	2.9	82	77	65		M	Mature	0.002	0.03866	0.002
EMSH-241	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	2/12/2007	2.4	73	65	60		F	Mature	0.022	0.03316	0.004
EMSH-242	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	2/12/2007	2.1	71	65	55		F	Mature	0.001	0.00336	0.001
EMSH-243	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	2/12/2007	2.1	68	62	57		F	Mature	0.021	0.04281	0.003
EMSH-244	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	3/12/2007	3.2	75	68	60		M	Mature	0.002	0.02161	0.001
EMSH-245	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	3/12/2007	0.4	37	32	30		Unkn	Im		0.00113	0.002
EMSH-246	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	3/12/2007	2.4	72	66	59		M	Mature	0.007	0.04289	0.001
EMSH-247	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	3/12/2007	2.2	71	63	56		M	Mature	0.002	0.03106	0.002
EMSH-248	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	3/12/2007	0.6	46	42	37		M	Juvenile	0.000	0.02210	0.002
EMSH-249	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	3/12/2007	0.7	44	40	35		Unkn	Im		0.00114	0.001
EMSH-250	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	3/12/2007	0.3	39	34	30		M	Juvenile	0.001	0.00331	0.000
EMSH-251	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	3/12/2007	2.8	76	66	60		F	Mature	0.049	0.05611	0.002
EMSH-252	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	3/12/2007	2.8	77	66	60		M	Mature	0.007	0.04103	0.003
EMSH-253	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	4/12/2007	2.8	75	67	60		M	Mature	0.009	0.03126	0.001
EMSH-254	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	4/12/2007	1.4	67	57	47		F	Mature	0.013	0.02781	0.002
EMSH-255	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	4/12/2007	2.7	71	66	60		F	Mature	0.062	0.06813	0.002
EMSH-256	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	4/12/2007	2	68	62	55		M	Mature	0.002	0.00862	0.001
EMSH-257	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	4/12/2007	3.1	80	70	65		F	Mature	0.033	0.04812	0.002
EMSH-258	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	4/12/2007	0.5	42	37	35			Im		0.00113	0.000
EMSH-259	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	4/12/2007	2.2	68	58	53		M	Mature	0.003	0.02810	0.002
EMSH-260	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	4/12/2007	2.6	71	64	55		F	Mature	0.011	0.04210	0.009
EMSH-261	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	4/12/2007	2.1	69	64	60		M	Mature	0.002	0.02816	0.001
EMSH-262	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	4/12/2007	1.8	66	61	54		F	Mature	0.004	0.00628	0.000
EMSH-263	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	4/12/2007	2.3	70	64	57		F	Mature	0.012	0.02210	0.006

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EMSH-264	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	4/12/2007	2	68	62	56		M	Mature	0.002	0.02210	0.000
EMSH-265	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	5/12/2007	2.6	76	68	60		M	Mature	0.001	0.03211	0.000
EMSH-266	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	5/12/2007	1.2	56	50	45		Unkn	Im		0.02234	0.000
EMSH-267	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	5/12/2007	2	68	62	56		M	Mature	0.002	0.01386	0.001
EMSH-268	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	5/12/2007	2.1	67	61	55		M	Mature	0.002	0.02831	0.001
EMSH-269	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	5/12/2007	2.6	72	66	60		M	Mature	0.000	0.05726	0.000
EMSH-270	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	5/12/2007	2.5	72	67	60		M	Mature	0.002	0.04118	0.000
EMSH-271	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	5/12/2007	2.2	70	57	57		M	Mature	0.001	0.04423	0.001
EMSH-272	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	5/12/2007	2.9	72	60	60		F	Mature	0.021	0.06623	0.002
EMSH-273	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	5/12/2007	2.5	74	61	61		M	Mature	0.004	0.05812	0.002
EMSH-274	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	5/12/2007	3	80	64	64		F	Mature	0.089	0.09821	0.003
EMSH-275	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	5/12/2007	2	66	61	55		F	Mature	0.022	0.04210	0.000
EMSH-276	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	5/12/2007	3.1	68	63	52		F	Mature	0.033	0.04481	0.000
EMSH-277	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	6/12/2007	3.1	81	72	65		F	Mature	0.213	0.51230	0.043
EMSH-278	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	6/12/2007	2.3	74	66	61		M	Mature	0.002	0.06821	0.002
EMSH-279	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	6/12/2007	2.4	70	63	61		M	Mature	0.002	0.03123	0.002
EMSH-280	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	6/12/2007	2.8	72	66	62		F	Mature	0.012	0.03128	0.028
EMSH-281	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	6/12/2007	2.3	71	64	60		M	Mature	0.001	0.02180	0.001
CMSH-282	Common Shinner	9/10/2007	Wawanesa/Souris	49.59896	99.68317	6/12/2007	24	120	100	90		M	Mature	0.400	0.60000	0.012
CMSH-283	Common Shinner	9/10/2007	Wawanesa/Souris	49.59896	99.68317	6/12/2007	12.1	105	95	80		M	Mature	0.200	0.50000	0.090
CMSH-284	Common Shinner	9/10/2007	Wawanesa/Souris	49.59896	99.68317	6/12/2007	21	115	96	90		M	Mature	0.480	0.80000	0.100
CMSH-285	Common Shinner	9/10/2007	Wawanesa/Souris	49.59896	99.68317	6/12/2007	11.7	110	105	90		M	Mature	0.542	0.46000	0.089
CMSH-286	Common Shinner	9/10/2007	Wawanesa/Souris	49.59896	99.68317	6/12/2007	8	106	90	80		F	Mature	0.661	0.48000	0.067
CMSH-287	Common Shinner	9/10/2007	Wawanesa/Souris	49.59896	99.68317	7/12/2007	7	91	85	75		F	Mature	0.300	0.48000	0.164
CMSH-288	Common Shinner	9/10/2007	Wawanesa/Souris	49.59896	99.68317	7/12/2007	9	93	84	75		F	Mature	0.350	0.50000	0.213
CMSH-289	Common Shinner	9/10/2007	Wawanesa/Souris	49.59896	99.68317	7/12/2007	2.2	58	51	46		Unkn	Im		0.03210	0.000
CMSH-290	Common Shinner	9/10/2007	Wawanesa/Souris	49.59896	99.68317	7/12/2007	7	97	90	80		F	Mature	0.3	0.40000	0.022
CMSH-291	Common Shinner	9/10/2007	Wawanesa/Souris	49.59896	99.68317	9/12/2007	0.3	54	48	45		Unkn	Im		0.01401	0.000
FHMW-292	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	9/12/2007	0.6	56	51	46		M	Mature	0.00231	0.02210	0.001
FHMW-293	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	9/12/2007	0.3	39	35	31		F	Mature	0.01434	0.02310	0.000
FHMW-294	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	9/12/2007	0.3	38	34	30		F	Mature	0.01423	0.02213	0.000
FHMW-295	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	9/12/2007	0.8	46	41	36		M	Mature	0.002	0.02234	0.001
FHMW-296	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	9/12/2007	0.7	44	40	35		F	Mature	0.004	0.01102	0.000
FHMW-297	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	9/12/2007	0.4	41	36	31		F	Mature	0.002	0.00483	0.000
FHMW-298	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	9/12/2007	0.1	30	27	24		Unkn	Im		0.00112	0.000
FHMW-299	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	9/12/2007	0.4	39	35	33		F	Mature	0.012	0.08310	0.012
FHMW-300	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	9/12/2007	0.2	31	28	25		F	Mature	0.002	0.01213	0.000

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FHMW-1	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	1/11/2007	1	49	45	40		F	Mature	0.055	0.01050	0.006
FHMW-2	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	1/11/2007	0.8	47	43	39		M	Mature	0.011	0.01102	0.001
FHMW-3	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	1/11/2007	0.8	47	44	39		F	Mature	0.023	0.01210	0.000
FHMW-4	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	2/11/2007	1.1	50	46	40		F	Mature	0.064	0.01902	0.000
FHMW-5	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	2/11/2007	1.4	58	54	47		M	Mature	0.026	0.00982	0.002
FHMW-6	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	2/11/2007	0.8	45	42	37		F	Mature	0.077	0.00244	0.002
FHMW-7	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	2/11/2007	1.5	58	55	47		M	Mature	0.021	0.03107	0.100
FHMW-8	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	2/11/2007	1	47	43	40		F	Mature	0.040	0.00411	0.030
FHMW-9	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	2/11/2007	1.2	52	47	43		M	Mature	0.032	0.00664	0.001
FHMW-10	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	5/11/2007	1.1	54	50	43		F	Mature	0.063	0.04123	0.001
FHMW-11	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	5/11/2007	1	52	46	41		M	Mature	0.001	0.00375	0.023
FHMW-12	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	5/11/2007	1	48	44	40		F	Mature	0.051	0.00310	0.021
FHMW-13	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	5/11/2007	0.8	46	43	38		M	Mature	0.009	0.00213	0.000
FHMW-14	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	5/11/2007	1.4	55	50	45		M	Mature	0.031	0.04123	0.091
FHMW-15	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	5/11/2007	1.4	55	50	45		M	Mature	0.023	0.01211	0.000
FHMW-16	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	5/11/2007	0.8	48	44	30		M	Mature	0.007	0.02101	0.000
FHMW-17	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	6/11/2007	0.7	44	39	36		M	Mature	0.001	0.01912	0.000
FHMW-18	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	6/11/2007	0.8	44	39	36		M	Mature	0.001	0.01912	0.000
FHMW-19	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	6/11/2007	0.8	44	39	36		F	Mature	0.023	0.00211	0.000
FHMW-20	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	6/11/2007	0.8	44	39	36		M	Mature	0.002	0.00631	0.000
FHMW-21	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	6/11/2007	1.1	49	46	40		M	Mature	0.019	0.00341	0.000
FHMW-22	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	6/11/2007	0.6	41	38	35		F	Mature	0.029	0.01912	0.001
FHMW-23	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	6/11/2007	0.8	46	41	37		F	Mature	0.091	0.02134	0.004
FHMW-24	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	6/11/2007	1.7	59	55	48		F	Mature	0.056	0.00612	0.000
FHMW-25	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	6/11/2007	0.9	46	44	37		F	Mature	0.002	0.01135	0.041
FHMW-26	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	7/11/2007	1.6	59	56	48		M	Mature	0.065	0.00213	0.000
FHMW-27	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	7/11/2007	1	50	45	40		F	Mature	0.031	0.00213	0.004
FHMW-28	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	7/11/2007	0.5	39	36	30		F	Mature	0.022	0.00132	0.000
FHMW-29	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	7/11/2007	0.6	41	38	35		F	Mature	0.003	0.00312	0.000
FHMW-30	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	7/11/2007	0.8	46	43	39		M	Mature	0.003	0.05921	0.041
FHMW-31	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	7/11/2007	1.6	61	56	50		M	Mature	0.003	0.04891	0.048
FHMW-32	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	7/11/2007	2	62	58	52		M	Mature	0.005	0.02341	0.004
FHMW-33	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	7/11/2007	0.8	46	42	39		F	Mature	0.031	0.02302	0.023
FHMW-34	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	7/11/2007	1.3	53.5	49	43		F	Mature	0.039	0.02110	0.002
FHMW-35	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	7/11/2007	1.2	53	49	43		F	Mature	0.032	0.00312	0.001
FHMW-36	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	8/11/2007	0.7	44	41	35		F	Mature	0.031	0.00219	0.001
FHMW-37	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	8/11/2007	0.7	44	41	35		F	Mature	0.048	0.05612	0.022
FHMW-38	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	8/11/2007	1.3	52	48	44		F	Mature		0.00321	0.002
FHMW-39	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	8/11/2007	0.5	37	35	32		Unkn		0.041	0.05612	0.027
FHMW-40	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	8/11/2007	1	49	45	39		F	Mature	0.018	0.03482	0.004
FHMW-41	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	8/11/2007	0.8	46	41	36		F	Mature	0.008	0.05612	0.000
FHMW-42	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	8/11/2007	1.1	51	47	41		M	Mature	0.012	0.05123	0.031
FHMW-43	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	8/11/2007	1.4	52	47	43		M	Mature	0.018	0.03210	0.000
FHMW-44	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	9/11/2007	0.8	48	44	40		F	Mature	0.062	0.08231	0.071
FHMW-45	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	9/11/2007	2.1	68	58	51		M	Mature	0.068	0.03211	0.000
FHMW-46	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	9/11/2007	0.9	47	42	38		F	Mature			

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FHMW-45	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	9/11/2007	1	48	45	40						
FHMW-46	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	9/11/2007	0.8	44	41	37		M	Mature	0.004	0.02120	0.000
FHMW-47	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	9/11/2007	1.7	51	51	41		F	Mature	0.021	0.03123	0.000
FHMW-48	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	9/11/2007	0.9	45	42	38		M	Mature	0.053	0.06321	0.000
FHMW-49	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	9/11/2007	0.6	39	36	33		F	Mature	0.051	0.01982	0.001
FHMW-50	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	9/11/2007	1.2	51	47	42		M	Mature	0.021	0.01620	0.000
FHMW-51	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	9/11/2007	1.2	54	44	44		F	Mature	0.012	0.04812	0.001
FHMW-52	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	9/11/2007	1.2	54	44	44		M	Mature	0.018	0.05612	0.035
FHMW-53	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	12/11/2007	0.7	42	38	34		F	Mature	0.049	0.04823	0.041
FHMW-54	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	12/11/2007	0.6	41	38	34		F	Mature	0.047	0.00913	0.003
FHMW-55	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	12/11/2007	1.5	53.5	48	41		F	Mature	0.025	0.00882	0.001
FHMW-56	Fathead minnow	26/10/2007	Wavey Creek	50.26567	96.97504	12/11/2007	1.4	53	48	40		F	Mature	0.012	0.01330	0.029
FHMW-57	Fathead minnow	22/10/2007	erson (Red Rive	49.00011	97.23022	12/11/2007	0.1	29	27	26		F	Juvenile	0.110	0.01210	0.021
FHMW-58	Fathead minnow	22/10/2007	erson (Red Rive	49.00011	97.23022	12/11/2007	0.3	34	30	28		M	Mature	0.001	0.00120	0.000
FHMW-59	Fathead minnow	22/10/2007	erson (Red Rive	49.00011	97.23022	12/11/2007	0.3	37	33	29		M	Mature	0.002	0.00140	0.000
FHMW-60	Fathead minnow	22/10/2007	erson (Red Rive	49.00011	97.23022	12/11/2007	1	48	44	40		M	Mature	0.002	0.00130	0.000
FHMW-61	Fathead minnow	22/10/2007	erson (Red Rive	49.00011	97.23022	12/11/2007	0.5	44	39	34		F	Mature	0.004	0.04812	0.006
FHMW-62	Fathead minnow	22/10/2007	erson (Red Rive	49.00011	97.23022	12/11/2007	0.4	40	35	31		F	Mature	0.062	0.00312	0.000
FHMW-63	Fathead minnow	22/10/2007	erson (Red Rive	49.00011	97.23022	12/11/2007	0.1	29	27	25		F	Mature	0.002	0.00221	0.000
FHMW-64	Fathead minnow	22/10/2007	erson (Red Rive	49.00011	97.23022	12/11/2007	0.4	41	38	33		Unkn	Im	0.000	0.00012	0.000
FHMW-65	Fathead minnow	22/10/2007	erson (Red Rive	49.00011	97.23022	12/11/2007	0.2	29	27	25		F	Mature	0.003	0.00339	0.000
FHMW-66	Fathead minnow	22/10/2007	erson (Red Rive	49.00011	97.23022	12/11/2007	0.6	44	40	35		F	Mature	0.001	0.00112	0.000
FHMW-67	Fathead minnow	25/09/07	Baylor Pond- I	49.78013	97.15348	13/11/2007	0.8	44	41	37		M	Mature	0.001	0.00213	0.000
FHMW-68	Fathead minnow	25/09/08	Baylor Pond- I	49.78013	97.15348	13/11/2007	0.9	44	41	37		F	Mature	0.061	0.01123	0.000
FHMW-69	Fathead minnow	25/09/09	Baylor Pond- I	49.78013	97.15348	13/11/2007	2.4	66	60	55		F	Mature	0.068	0.01223	0.000
FHMW-70	Fathead minnow	25/09/10	Baylor Pond- I	49.78013	97.15348	13/11/2007	0.3	30	33	29		M	Mature	0.008	0.04562	0.006
FHMW-71	Fathead minnow	25/09/11	Baylor Pond- I	49.78013	97.15348	13/11/2007	1.9	57	52	46		F	Mature	0.001	0.00421	0.000
FHMW-72	Fathead minnow	25/09/07	Baylor Pond- I	49.78013	97.15348	13/11/2007	1.1	48	45	40		F	Mature	0.069	0.04213	0.005
FHMW-73	Fathead minnow	25/09/08	Baylor Pond- I	49.78013	97.15348	13/11/2007	0.6	39	36	32		M	Mature	0.002	0.03210	0.001
FHMW-74	Fathead minnow	25/09/09	Baylor Pond- I	49.78013	97.15348	13/11/2007	1.1	49	48	41		F	Mature	0.012	0.02234	0.000
FHMW-75	Fathead minnow	25/09/10	Baylor Pond- I	49.78013	97.15348	13/11/2007	0.5	38	35	30		F	Mature	0.041	0.03213	0.002
FHMW-76	Fathead minnow	25/09/11	Baylor Pond- I	49.78013	97.15348	13/11/2007	1.7	56	51	45		F	Mature	0.044	0.05123	0.000
FHMW-77	Fathead minnow	25/09/07	Baylor Pond- I	49.78013	97.15348	13/11/2007	3.5	71	64	58		M	Mature	0.009	0.05222	0.052
FHMW-78	Fathead minnow	25/09/08	Baylor Pond- I	49.78013	97.15348	14/11/2007	2.5	63	59	52		M	Mature	0.048	0.06212	0.061
FHMW-79	Fathead minnow	25/09/09	Baylor Pond- I	49.78013	97.15348	14/11/2007	2.4	62.5	58	52		F	Mature	0.068	0.04323	0.012
FHMW-80	Fathead minnow	25/09/10	Baylor Pond- I	49.78013	97.15348	14/11/2007	3.1	70	66	58		M	Mature	0.021	0.04121	0.011
FHMW-81	Fathead minnow	25/09/11	Baylor Pond- I	49.78013	97.15348	14/11/2007	1.9	59	56	48		F	Mature	0.211	0.08123	0.044
FHMW-82	Fathead minnow	25/09/07	Baylor Pond- I	49.78013	97.15348	14/11/2007	2.6	63	59	54		M	Mature	0.038	0.02314	0.003
FHMW-83	Fathead minnow	25/09/08	Baylor Pond- I	49.78013	97.15348	14/11/2007	0.5	36	34	30		F	Mature	0.041	0.03213	0.001
FHMW-84	Fathead minnow	25/09/09	Baylor Pond- I	49.78013	97.15348	14/11/2007	0.5	36	34	30		Unkn	Unkn		0.00123	0.000
FHMW-85	Fathead minnow	25/09/10	Baylor Pond- I	49.78013	97.15348	15/11/2007	2.3	60	51	47		Unkn	Unkn		0.00131	0.000
FHMW-86	Fathead minnow	25/09/11	Baylor Pond- I	49.78013	97.15348	15/11/2007	1.2	47	44	39		M	Mature	0.002	0.03489	0.002
FHMW-87	Fathead minnow	22/10/2007	Baylor Pond- I	49.78013	97.15348	15/11/2007	2.3	65	60	55		F	Mature	0.022	0.01320	0.001
FHMW-88	Fathead minnow	22/10/2007	Baylor Pond- I	49.78013	97.15348	15/11/2007	0.1	28	26	24		M	Mature	0.004	0.03123	0.002
												Unkn	Im	0.000	0.00213	0.000

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FHMW-89	Fathead minnow	22/10/2007	Baylor Pond- I	49.78013	97.15348	15/11/2007	0.6	42	38	34		F	Mature	0.005	0.00261	0.003
FHMW-90	Fathead minnow	22/10/2007	Baylor Pond- I	49.78013	97.15348	15/11/2007	0.5	37	34	31		M	Mature	0.002	0.00313	0.002
FHMW-91	Fathead minnow	22/10/2007	Baylor Pond- I	49.78013	97.15348	15/11/2007	0.9	47	44	39		F	Mature	0.003	0.00322	0.021
FHMW-92	Fathead minnow	22/10/2007	Baylor Pond- I	49.78013	97.15348	15/11/2007	0.5	41	39	33		M	Mature	0.002	0.00142	0.000
FHMW-93	Fathead minnow	22/10/2007	Baylor Pond- I	49.78013	97.15348	15/11/2007	2.1	58	55	48		F	Mature	0.211	0.06812	0.006
FHMW-94	Fathead minnow	22/10/2007	Baylor Pond- I	49.78013	97.15348	15/11/2007	0.4	41	37	37		M	Im	0.001	0.01901	0.000
FHMW-95	Fathead minnow	22/10/2007	Baylor Pond- I	49.78013	97.15348	15/11/2007	0.9	46	43	37		F	Mature	0.021	0.01320	0.000
FHMW-96	Fathead minnow	22/10/2007	Baylor Pond- I	49.78013	97.15348	15/11/2007	0.7	46	43	41		F	Mature	0.020	0.01214	0.000
FHMW-97	Fathead minnow	22/10/2007	Baylor Pond- I	49.78013	97.15348	16/11/2007	1.8	57	52	46		F	Mature	0.062	0.03212	0.000
FHMW-98	Fathead minnow	22/10/2007	Baylor Pond- I	49.78013	97.15348	16/11/2007	0.4	38	35	31		F	Mature	0.031	0.02121	0.000
FHMW-99	Fathead minnow	22/10/2007	Baylor Pond- I	49.78013	97.15348	16/11/2007	0.3	37	32	29		Unkn	Im		0.00123	0.000
FHMW-100	Fathead minnow	22/10/2007	Baylor Pond- I	49.78013	97.15348	16/11/2007	0.9	46	43	37		F	Mature	0.005	0.02131	0.001
FHMW-101	Fathead minnow	22/10/2007	Baylor Pond- I	49.78013	97.15348	18/11/2007	1.4	54	46	39		M	Mature	0.078	0.01286	0.001
FHMW-102	Fathead minnow	22/10/2007	Baylor Pond- I	49.78013	97.15348	18/11/2007	0.3	36	33	29		F	Mature	0.001	0.00121	0.000
FHMW-103	Fathead minnow	22/10/2007	Baylor Pond- I	49.78013	97.15348	18/11/2007	1.5	56	52	45		F	Mature	0.081	0.01341	0.023
FHMW-104	Fathead minnow	22/10/2007	Baylor Pond- I	49.78013	97.15348	18/11/2007	1.9	47	44	39		F	Mature	0.089	0.01923	0.030
FHMW-105	Fathead minnow	22/10/2007	Baylor Pond- I	49.78013	97.15348	18/11/2007	3.8	79	65	62		M	Mature	0.021	0.05612	0.051
FHMW-106	Fathead minnow	22/10/2007	Baylor Pond- I	49.78013	97.15348	18/11/2007	2.6	55	51	45		F	Mature	0.038	0.01331	0.000
FHMW-107	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	18/11/2007	0.6	44	37	35		F	Mature	0.022	0.01011	0.000
FHMW-108	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	18/11/2007	0.8	46	38	36		F	Mature	0.033	0.01121	0.000
FHMW-109	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	18/11/2007	0.6	44	41	35		M	Juvenile	0.001	0.00998	0.000
FHMW-110	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	18/11/2007	0.5	38	35	31		F	Mature	0.025	0.01120	0.000
FHMW-111	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	19/11/2007	0.7	45	42	37		F	Mature	0.039	0.01120	0.023
FHMW-112	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	19/11/2007	0.8	45	43	37		F	Mature	0.031	0.01826	0.001
FHMW-113	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	19/11/2007	0.6	41	37	32		M	Mature	0.001	0.01861	0.000
FHMW-114	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	19/11/2007	0.3	38	35	31		Unkn	Im		0.00111	0.000
FHMW-115	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	19/11/2007	0.2	33	29	27		Unkn	Im		0.00110	0.000
FHMW-116	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	19/11/2007	0.7	42	39	37		M	Mature	0.001	0.00113	0.000
FHMW-117	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	19/11/2007	0.8	46	43	38		Unkn	Im		0.00132	0.000
FHMW-118	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	19/11/2007	0.8	46	43	38		F	Mature	0.020	0.02111	0.000
FHMW-119	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	20/11/2007	0.7	45	41	32		F	Mature	0.145	0.02451	0.000
FHMW-120	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	20/11/2007	1.7	58	53	47		F	Mature	0.110	0.02682	0.000
FHMW-121	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	20/11/2007	1.8	59	54	47		F	Mature	0.088	0.03381	0.000
FHMW-122	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	20/11/2007	1.5	54	50	45		F	Mature	0.000	0.00010	0.031
FHMW-123	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	20/11/2007	0.1	25	23	20		F	Im	0.101	0.09812	0.061
FHMW-124	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	20/11/2007	2.1	60	56	50		F	Mature	0.066	0.05912	0.001
FHMW-125	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	20/11/2007	2	58	51	43		F	Mature	0.069	0.04410	0.003
FHMW-126	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	20/11/2007	1.5	55	51	45		F	Mature	0.029	0.01161	0.000
FHMW-127	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	20/11/2007	0.4	39	36	32		F	Mature	0.001	0.01230	0.000
FHMW-128	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	20/11/2007	0.2	30	27	25		F	Juvenile	0.021	0.02113	0.086
FHMW-129	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	20/11/2007	0.7	37	33	30		F	Mature	0.066	0.02113	0.002
FHMW-130	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	21/11/2007	1.5	57	52	46		F	Mature	0.008	0.01310	0.000
FHMW-131	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	21/11/2007	0.8	38	34	31		M	Mature	0.009	0.02213	0.000
FHMW-132	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	21/11/2007	1.1	50.5	48	42		M	Mature	0.009	0.03186	0.003
FHMW-133	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	21/11/2007	1.8	58	54	48		M	Mature			

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FHMW-133	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	21/11/2007	0.3	29	26	24		F	Im	0.002	0.00886	0.000
FHMW-134	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	21/11/2007	2.7	65	58	52		F	Mature	0.199	0.02000	0.066
FHMW-135	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	21/11/2007	0.4	35	34	31		F	Mature	0.055	0.02310	0.000
FHMW-136	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	21/11/2007	0.4	36	34	30		M	Mature	0.001	0.01124	0.000
FHMW-137	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	21/11/2007	1.5	53	47	42		F	Mature	0.261	0.05123	0.001
FHMW-138	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	21/11/2007	0.2	28	26	23		F	Im	0.001	0.00100	0.000
FHMW-139	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	22/11/2007	0.4	38	35	31		F	Mature	0.022	0.01306	0.000
FHMW-140	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	22/11/2007	0.4	38	35	31		F	Mature	0.028	0.02612	0.000
FHMW-141	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	22/11/2007	0.3	37	32	29		F	Mature	0.001	0.00130	0.000
FHMW-142	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	22/11/2007	0.2	35	31	28		F	Mature	0.001	0.00121	0.000
FHMW-143	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	22/11/2007	0.5	40	36	32		F	Mature	0.023	0.01689	0.000
FHMW-144	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	22/11/2007	2.1	60	54	47		F	Mature	0.313	0.00490	0.004
FHMW-145	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	22/11/2007	0.3	35	32	29		M	Mature	0.001	0.00810	0.000
FHMW-146	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	22/11/2007	0.6	43	38	35		M	Mature	0.008	0.01210	0.001
FHMW-147	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	22/11/2007	0.1	28	25	22		F	Mature	0.001	0.00481	0.000
FHMW-148	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	22/11/2007	0.4	39	36	31		M	Mature	0.008	0.01221	0.000
FHMW-149	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	23/11/2007	0.2	35	31	28		M	Mature	0.001	0.00231	0.000
FHMW-150	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	23/11/2007	0.1	27	25	22		F	Mature	0.001	0.00121	0.000
FHMW-151	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	23/11/2007	0.3	36	32	30		F	Mature	0.009	0.00681	0.000
FHMW-152	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	23/11/2007	0.2	31	28	26		F	Mature	0.012	0.00891	0.000
FHMW-153	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	23/11/2007	0.1	25	22	20		F	Mature	0.004	0.00681	0.000
FHMW-154	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	23/11/2007	0.1	24	21	20		F	Im		0.00019	0.000
FHMW-155	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	23/11/2007	0.2	25	22	20		F	Im		0.00112	0.000
FHMW-156	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	23/11/2007	0.3	36	32	30		F	Mature	0.009	0.00668	0.000
FHMW-157	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	25/11/2007	0.1	23	21	18		F	Juvenile		0.00105	0.000
FHMW-158	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	25/11/2007	0.3	34	31	28		M	Im	0.002	0.00801	0.000
FHMW-159	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	25/11/2007	0.4	36	32	30		M	Mature	0.021	0.01210	0.001
FHMW-160	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	25/11/2007	0.1	25	23	21		F	Im	0.004	0.00223	0.000
FHMW-161	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	25/11/2007	0.3	35	33	28		F	Mature	0.002	0.00448	0.001
FHMW-162	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	25/11/2007	0.3	36	33	29		F	Mature	0.014	0.00561	0.000
FHMW-163	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	25/11/2007	0.4	40	36	31		F	Mature	0.037	0.01128	0.000
FHMW-164	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	25/11/2007	0.4	39	36	32		F	Mature	0.039	0.00205	0.000
FHMW-165	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	25/11/2007	0.1	29	27	24		Unkn	Im		0.00160	0.000
FHMW-166	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	25/11/2007	0.1	28	26	23		F	Juvenile	0.000	0.00810	0.000
FHMW-167	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	25/11/2007	0.8	46	42	37		F	Mature	0.086	0.03312	0.002
FHMW-168	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	25/11/2007	0.4	42	38	34		M	Mature	0.003	0.00560	0.001
FHMW-169	Fathead minnow	5/10/2007	Pembina/LaRiviera	49.23041	98.67562	25/11/2007	0.3	41	37	34		M	Mature	0.002	0.00412	0.063
FHMW-170	Fathead minnow	9/10/2007	Wawanesa/Souris	49.59896	99.68317	25/11/2007	0.3	38	34	30		M	Mature	0.002	0.00231	0.006
FHMW-171	Fathead minnow	9/10/2007	Wawanesa/Souris	49.59896	99.68317	25/11/2007	0.4	39	36	32		F	Mature	0.007	0.00310	0.000
FHMW-172	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	26/11/2007	0.5	40	37	32		M	Mature	0.006	0.01106	0.000
FHMW-173	Fathead minnow	4/11/2007	Wawanesa	49.59896	99.68317	26/11/2007	1/0/1900	43	40	35		M	Mature	0.009	0.06181	0.001
FHMW-174	Fathead minnow	4/12/2007	Wawanesa	49.59896	99.68317	26/11/2007	0.9	51	48	41		M	Mature	0.011	0.05682	0.009
FHMW-175	Fathead minnow	4/13/2007	Wawanesa	49.59896	99.68317	26/11/2007	1	49	45	40		M	Mature	0.023	0.02813	0.066

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FHMW-176	Fathead minnow	4/14/2007	Wawanesa	49.59896	99.68317	26/11/2007	0.6	46	41	37		F	Mature	0.089	0.02819	0.001
FHMW-177	Fathead minnow	4/15/2007	Wawanesa	49.59896	99.68317	26/11/2007	0.8	48	44	38		M	Mature	0.066	0.04123	0.002
FHMW-178	Fathead minnow	4/16/2007	Wawanesa	49.59896	99.68317	26/11/2007	0.5	42	38	35		F	Mature	0.033	0.03110	0.000
FHMW-179	Fathead minnow	4/17/2007	Wawanesa	49.59896	99.68317	26/11/2007	0.5	41	35	32		F	Mature	0.041	0.03112	0.000
FHMW-180	Fathead minnow	4/18/2007	Wawanesa	49.59896	99.68317	26/11/2007	0.6	48	43	38		F	Mature	0.033	0.03481	0.003
FHMW-181	Fathead minnow	4/19/2007	Wawanesa	49.59896	99.68317	26/11/2007	0.9	50	46	41		F	Mature	0.052	0.03802	0.004
FHMW-182	Fathead minnow	22/10/2007	merson (Red Rive	49.00011	97.23022	27/11/2007	0.4	39	36	31		M	Mature	0.002	0.02310	0.002
FHMW-183	Fathead minnow	22/10/2007	merson (Red Rive	49.00011	97.23022	27/11/2007	0.8	47	43	37		F	Mature	0.011	0.02106	0.000
FHMW-184	Fathead minnow	22/10/2007	merson (Red Rive	49.00011	97.23022	27/11/2007	0.2	35	32	29		F	Mature	0.069	0.03310	0.000
FHMW-185	Fathead minnow	22/10/2007	merson (Red Rive	49.00011	97.23022	27/11/2007	0.3	37	33	30		F	Mature	0.006	0.00582	0.000
FHMW-186	Fathead minnow	22/10/2007	merson (Red Rive	49.00011	97.23022	27/11/2007	0.7	56	42	32		F	Mature	0.056	0.01089	0.002
FHMW-187	Fathead minnow	22/10/2007	merson (Red Rive	49.00011	97.23022	27/11/2007	0.4	42	37	34		M	Mature	0.028	0.01112	0.000
FHMW-188	Fathead minnow	22/10/2007	merson (Red Rive	49.00011	97.23022	27/11/2007	0.4	40	37	33		F	Mature	0.049	0.02210	0.009
FHMW-189	Fathead minnow	22/10/2007	merson (Red Rive	49.00011	97.23022	27/11/2007	0.7	45	41	37		M	Mature	0.011	0.02106	0.004
FHMW-190	Fathead minnow	22/10/2007	merson (Red Rive	49.00011	97.23022	27/11/2007	0.5	41	37	34		F	Mature	0.002	0.03221	0.000
FHMW-191	Fathead minnow	22/10/2007	merson (Red Rive	49.00011	97.23022	27/11/2007	0.3	39	36	31		F	Mature	0.002	0.00183	0.000
FHMW-192	Fathead minnow	22/10/2007	merson (Red Rive	49.00011	97.23022	27/11/2007	0.7	43	40	36		M	Mature	0.007	0.02230	0.006
FHMW-193	Fathead minnow	22/10/2007	merson (Red Rive	49.00011	97.23022	27/11/2007	0.9	47	43	39		F	Mature	0.046	0.02210	0.007
FHMW-194	Fathead minnow	25/09/07	Baylor Pond- I	49.78013	97.15348	28/11/2007	0.6	41	38	34		M	Mature	0.047	0.02112	0.002
FHMW-195	Fathead minnow	25/09/07	Baylor Pond- I	49.78013	97.15348	28/11/2007	3.7	67	60	54		M	Mature	0.090	0.07819	0.023
FHMW-196	Fathead minnow	25/09/07	Baylor Pond- I	49.78013	97.15348	28/11/2007	0.3	53	49	44		F	Mature	0.059	0.03310	0.004
FHMW-197	Fathead minnow	25/09/07	Baylor Pond- I	49.78013	97.15348	28/11/2007	1.7	56	52	48		M	Mature	0.022	0.02101	0.021
FHMW-198	Fathead minnow	25/09/07	Baylor Pond- I	49.78013	97.15348	28/11/2007	1.9	46	42	33		M	Mature	0.035	0.03210	0.032
FHMW-199	Fathead minnow	25/09/07	Baylor Pond- I	49.78013	97.15348	28/11/2007	2.7	62	55	49		F	Mature	0.201	0.01201	0.089
FHMW-200	Fathead minnow	25/09/07	Baylor Pond- I	49.78013	97.15348	28/11/2007	0.5	36	33	31		F	Mature	0.035	0.02210	0.002
FHMW-201	Fathead minnow	25/09/07	Baylor Pond- I	49.78013	97.15348	28/11/2007	3.2	64	58	52		M	Mature	0.089	0.09121	0.221
FHMW-202	Fathead minnow	25/09/07	Baylor Pond- I	49.78013	97.15348	28/11/2007	0.6	37	34	30		F	Mature	0.009	0.00321	0.000
FHMW-203	Fathead minnow	25/09/07	Baylor Pond- I	49.78013	97.15348	28/11/2007	0.8	43	40	35		F	Mature	0.099	0.08110	0.001
EMSH-204	Emerald Shinner	22/10/07	merson (Red Rive	49.00011	97.23022	28/11/2007	2.2	72	65	59		F	Mature	0.081		0.000
EMSH-205	Emerald Shinner	22/10/07	merson (Red Rive	49.00011	97.23022	28/11/2007	1.7	69	63	56		Unkn				
EMSH-206	Emerald Shinner	22/10/07	merson (Red Rive	49.00011	97.23022	28/11/2007	2.2	73	67	60		Unkn				
EMSH-207	Emerald Shinner	23/10/07	Selkirk	50.15042	96.85757	29/11/2007	2.6	74	65	60		M	Mature	0.012	0.03581	0.006
EMSH-208	Emerald Shinner	23/10/07	Selkirk	50.15042	96.85757	29/11/2007	2.5	71	64	59		M	Mature	0.013	0.03780	0.000
EMSH-209	Emerald Shinner	23/10/07	Selkirk	50.15042	96.85757	29/11/2007	2.5	70	64	58		M	Mature	0.002	0.03210	0.007
EMSH-210	Emerald Shinner	23/10/07	Selkirk	50.15042	96.85757	29/11/2007	2	68	62	54		F	Mature	0.002	0.00221	0.001
EMSH-211	Emerald Shinner	23/10/07	Selkirk	50.15042	96.85757	29/11/2007	1	72	66	62		F	Mature	0.002	0.00161	0.001
EMSH-212	Emerald Shinner	23/10/07	Selkirk	50.15042	96.85757	29/11/2007	0.5	42	38	35		Unkn	Im		0.00111	0.000
EMSH-213	Emerald Shinner	23/10/07	Selkirk	50.15042	96.85757	29/11/2007	0.5	42	37	35		F	Juvenile	0.001	0.00100	0.000
EMSH-214	Emerald Shinner	23/10/07	Selkirk	50.15042	96.85757	29/11/2007	0.6	50	44	40		Unkn	Juvenile		0.00100	0.000
EMSH-215	Emerald Shinner	23/10/07	Selkirk	50.15042	96.85757	29/11/2007	2.1	68	60	54		F	Mature	0.035	0.01826	0.009
EMSH-216	Emerald Shinner	23/10/07	Selkirk	50.15042	96.85757	29/11/2007	1.3	60	55	50		F	Mature	0.019	0.01321	0.001
EMSH-217	Emerald Shinner	23/10/07	Selkirk	50.15042	96.85757	30/11/2007	2	70	64	59		F	Mature	0.034	0.01312	0.009
EMSH-218	Emerald Shinner	23/10/07	Selkirk	50.15042	96.85757	30/11/2007	2	65	58	54		M	Mature	0.023	0.04291	0.006
EMSH-219	Emerald Shinner	23/10/07	Selkirk	50.15042	96.85757	30/11/2007	0.5	46	41	38		M	Juvenile	0.000	0.00201	0.000

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EMSH-220	Emerald Shinner	23/10/07	Selkirk	50.15042	96.85757	30/11/2007	0.5	42	42	38						
EMSH-221	Emerald Shinner	23/10/07	Selkirk	50.15042	96.85757	30/11/2007	2.5	70	64	59		M	Juvenile	0.000	0.00211	0.000
EMSH-222	Emerald Shinner	23/10/07	Selkirk	50.15042	96.85757	30/11/2007	2.3	70	62	51		M	Mature	0.004	0.02130	0.000
EMSH-223	Emerald Shinner	23/10/07	Selkirk	50.15042	96.85757	30/11/2007	2.1	73	62	57		M	Mature	0.047	0.02310	0.001
EMSH-224	Emerald Shinner	23/10/07	Selkirk	50.15042	96.85757	30/11/2007	1.9	62	56	52		F	Mature	0.078	0.03810	0.002
EMSH-225	Emerald Shinner	23/10/07	Selkirk	50.15042	96.85757	30/11/2007	0.4	43	39	35		Unkn	Im		0.00121	0.000
EMSH-226	Emerald Shinner	23/10/07	Selkirk	50.15042	96.85757	30/11/2007	2.4	73	66	60		F	Mature	0.005	0.00629	0.007
EMSH-227	Emerald Shinner	23/10/07	Selkirk	50.15042	96.85757	30/11/2007	2.2	73	64	59		M	Mature	0.007	0.03218	0.008
EMSH-228	Emerald Shinner	23/10/07	Selkirk	50.15042	96.85757	30/11/2007	4.3	85	76	70		F	Mature	0.312	0.51060	0.106
FHMW-229	Fathead minnow	25/09/07	Baylor Pond- I	49.78013	97.15348	2/12/2007	1.2	49	44	40		F	Mature	0.041	0.00862	0.000
FHMW-230	Fathead minnow	25/09/07	Baylor Pond- I	49.78013	97.15348	2/12/2007	3.4	69	63	59		M	Mature	0.006	0.02206	0.009
FHMW-231	Fathead minnow	25/09/07	Baylor Pond- I	49.78013	97.15348	2/12/2007	1.4	54	48	44		Unkn	Im		0.02311	0.003
FHMW-232	Fathead minnow	25/09/07	Baylor Pond- I	49.78013	97.15348	2/12/2007	2.6	66	60	57		F	Mature	0.056	0.02310	0.004
FHMW-233	Fathead minnow	25/09/07	Baylor Pond- I	49.78013	97.15348	2/12/2007	2.3	65	60	56		F	Mature	0.056	0.04481	0.001
FHMW-234	Fathead minnow	25/09/07	Baylor Pond- I	49.78013	97.15348	2/12/2007	0.2	32	29	27		M	Juvenile	0.000	0.00231	0.000
FHMW-235	Fathead minnow	25/09/07	Baylor Pond- I	49.78013	97.15348	2/12/2007	0.3	33	30	27		Unkn	Im		0.00113	0.000
FHMW-236	Fathead minnow	25/09/07	Baylor Pond- I	49.78013	97.15348	2/12/2007	2.7	70	65	60		M	Mature	0.001	0.06612	0.003
FHMW-237	Fathead minnow	25/09/07	Baylor Pond- I	49.78013	97.15348	2/12/2007	0.6	43	39	36		M	Mature	0.001	0.00123	0.002
FHMW-238	Fathead minnow	25/09/07	Baylor Pond- I	49.78013	97.15348	2/12/2007	0.3	36	32	28		F	Mature	0.003	0.00428	0.002
EMSH-239	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	2/12/2007	2.9	82	77	65		Unkn	Juvenile		0.03899	0.002
EMSH-240	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	2/12/2007	2.9	82	77	65		M	Mature	0.002	0.03866	0.002
EMSH-241	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	2/12/2007	2.4	73	65	60		F	Mature	0.022	0.03316	0.004
EMSH-242	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	2/12/2007	2.1	71	65	55		F	Mature	0.001	0.00336	0.001
EMSH-243	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	2/12/2007	2.1	68	62	57		F	Mature	0.021	0.04281	0.003
EMSH-244	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	3/12/2007	3.2	75	68	60		M	Mature	0.002	0.02161	0.001
EMSH-245	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	3/12/2007	0.4	37	32	30		Unkn	Im		0.00113	0.002
EMSH-246	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	3/12/2007	2.4	72	66	59		M	Mature	0.007	0.04289	0.001
EMSH-247	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	3/12/2007	0.6	46	42	37		M	Juvenile	0.000	0.02210	0.002
EMSH-248	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	3/12/2007	0.7	44	40	35		Unkn	Im		0.00114	0.001
EMSH-249	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	3/12/2007	2.8	76	66	60		F	Mature	0.049	0.05611	0.002
EMSH-250	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	3/12/2007	2.8	77	66	60		M	Mature	0.007	0.04103	0.003
EMSH-251	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	4/12/2007	2.8	75	67	60		M	Mature	0.009	0.03126	0.001
EMSH-252	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	4/12/2007	1.4	67	57	47		F	Mature	0.013	0.02781	0.002
EMSH-253	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	4/12/2007	2.7	71	66	60		F	Mature	0.062	0.06813	0.002
EMSH-254	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	4/12/2007	2	68	62	55		M	Mature	0.002	0.00862	0.001
EMSH-255	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	4/12/2007	3.1	80	70	65		F	Mature	0.033	0.04812	0.002
EMSH-256	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	4/12/2007	0.5	42	37	35			Im		0.00113	0.000
EMSH-257	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	4/12/2007	2.2	68	58	53		M	Mature	0.003	0.02810	0.002
EMSH-258	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	4/12/2007	2.6	71	64	55		F	Mature	0.011	0.04210	0.009
EMSH-259	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	4/12/2007	2.1	69	64	60		M	Mature	0.002	0.02816	0.001
EMSH-260	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	4/12/2007	1.8	66	61	54		F	Mature	0.004	0.00628	0.000
EMSH-261	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	4/12/2007	2.3	70	64	57		F	Mature	0.012	0.02210	0.006

Fish ID	Species	Date of capture (dd/mm/yyyy)	Location (Manitoba)	N Latitude (DD)	W Longitude (DD)	Date of necropsy (dd/mm/yyyy)	Total weight (g)	Total length (mm)	Fork length (mm)	Standard length (mm)	Age	Sex	Maturity	Gonad weight (g)	Liver weight (g)	Visceral fat weight (g)
EMSH-264	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	4/12/2007	2	68	62	56		M	Mature	0.002	0.02210	0.000
EMSH-265	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	5/12/2007	2.6	76	68	60		M	Mature	0.001	0.03211	0.000
EMSH-266	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	5/12/2007	1.2	56	50	45		Unkn	Im		0.02234	0.000
EMSH-267	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	5/12/2007	2	68	62	56		M	Mature	0.002	0.01386	0.001
EMSH-268	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	5/12/2007	2.1	67	61	55		M	Mature	0.002	0.02831	0.001
EMSH-269	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	5/12/2007	2.6	72	66	60		M	Mature	0.000	0.05726	0.000
EMSH-270	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	5/12/2007	2.5	72	67	60		M	Mature	0.002	0.04118	0.000
EMSH-271	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	5/12/2007	2.2	70	57	57		M	Mature	0.001	0.04423	0.001
EMSH-272	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	5/12/2007	2.9	72	60	60		F	Mature	0.021	0.06623	0.002
EMSH-273	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	5/12/2007	2.5	74	61	61		M	Mature	0.004	0.05812	0.002
EMSH-274	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	5/12/2007	3	80	64	64		F	Mature	0.089	0.09821	0.003
EMSH-275	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	5/12/2007	3.1	81	72	65		F	Mature	0.022	0.04210	0.000
EMSH-276	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	6/12/2007	2.4	70	63	61		F	Mature	0.033	0.04481	0.000
EMSH-277	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	6/12/2007	3	66	61	55		F	Mature	0.213	0.51230	0.043
EMSH-278	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	6/12/2007	3.1	81	72	65		F	Mature	0.002	0.06821	0.002
EMSH-279	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	6/12/2007	2.3	74	66	61		M	Mature	0.002	0.03123	0.002
EMSH-280	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	6/12/2007	2.8	72	66	62		F	Mature	0.012	0.03128	0.028
EMSH-281	Emerald Shinner	22/10/07	Selkirk	50.15042	96.85757	6/12/2007	2.3	71	64	60		M	Mature	0.001	0.02180	0.001
CMSH-282	Common Shinner	9/10/2007	Wawanesa/Souris	49.59896	99.68317	6/12/2007	2.4	120	100	90		M	Mature	0.400	0.60000	0.012
CMSH-283	Common Shinner	9/10/2007	Wawanesa/Souris	49.59896	99.68317	6/12/2007	21	105	95	80		M	Mature	0.200	0.50000	0.090
CMSH-284	Common Shinner	9/10/2007	Wawanesa/Souris	49.59896	99.68317	6/12/2007	21	115	96	90		M	Mature	0.480	0.80000	0.100
CMSH-285	Common Shinner	9/10/2007	Wawanesa/Souris	49.59896	99.68317	6/12/2007	11.7	110	105	90		M	Mature	0.542	0.46000	0.089
CMSH-286	Common Shinner	9/10/2007	Wawanesa/Souris	49.59896	99.68317	6/12/2007	8	106	90	80		F	Mature	0.661	0.48000	0.067
CMSH-287	Common Shinner	9/10/2007	Wawanesa/Souris	49.59896	99.68317	7/12/2007	7	91	85	75		F	Mature	0.300	0.48000	0.164
CMSH-288	Common Shinner	9/10/2007	Wawanesa/Souris	49.59896	99.68317	7/12/2007	9	93	84	75		F	Mature	0.350	0.50000	0.213
CMSH-289	Common Shinner	9/10/2007	Wawanesa/Souris	49.59896	99.68317	7/12/2007	2.2	58	51	46		Unkn	Im		0.03210	0.000
CMSH-290	Common Shinner	9/10/2007	Wawanesa/Souris	49.59896	99.68317	7/12/2007	7	97	90	80		F	Mature	0.3	0.40000	0.022
CMSH-291	Common Shinner	9/10/2007	Wawanesa/Souris	49.59896	99.68317	9/12/2007	0.3	54	48	45		Unkn	Im		0.01401	0.000
FHMW-292	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	9/12/2007	0.6	56	51	46		M	Mature	0.00231	0.02210	0.001
FHMW-293	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	9/12/2007	0.3	39	35	31		F	Mature	0.01434	0.02310	0.000
FHMW-294	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	9/12/2007	0.3	38	34	30		F	Mature	0.01423	0.02213	0.000
FHMW-295	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	9/12/2007	0.8	46	41	36		M	Mature	0.002	0.02234	0.001
FHMW-296	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	9/12/2007	0.7	44	40	35		F	Mature	0.002	0.01102	0.000
FHMW-297	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	9/12/2007	0.4	41	36	31		F	Mature	0.002	0.00483	0.000
FHMW-298	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	9/12/2007	0.1	30	27	24		Unkn	Im		0.00112	0.000
FHMW-299	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	9/12/2007	0.4	39	35	33		F	Mature	0.012	0.08310	0.012
FHMW-300	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	9/12/2007	0.2	31	28	25		F	Mature	0.002	0.01213	0.000

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Fish ID	Gills: Myxozoan	Gills: Dactylogyrus (Ecto)	Viscera: Contracaecum	Viscera: Ascarid nematode	Viscera: Streigids (Neascus)	Stomach: Bothriocephalus acheilognathi	Caecae: Bothriocephalus cuspidatus	Foregut: Bothriocephalus cuspidatus	Foregut: Bothriocephalus acheilognathi	Foregut: Rhabdocona Nematode	Eyes: Diplostomum	Eyes: Ornithodiplostomum ptychocleidus	Brain: Bulbophorous confusus	Muscle tissue: Cryptogonimus	Muscle tissue: Centrovarium	Muscle tissue: Streigeids	Muscle tissue: Bulbophorous confusus	Body cavity: Larval ascarid (Contracecum)
FHMMW-121												43						
FHMMW-122												24						
FHMMW-123												39						
FHMMW-124												26						
FHMMW-125																		
FHMMW-126																		
FHMMW-127																		
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FHMMW-146												12						
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FHMMW-149																		
FHMMW-150												14						
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FHMMW-154												12						
FHMMW-155												14						
FHMMW-156																		
FHMMW-157												14						
FHMMW-158												17						
FHMMW-159																		
FHMMW-160																		
FHMMW-161																		
FHMMW-162																		
FHMMW-163				1								5						
FHMMW-164												14						
FHMMW-165																		
FHMMW-166												8						
FHMMW-167																		
FHMMW-168												38						
FHMMW-169												28						
FHMMW-170												38						
FHMMW-171												47						
FHMMW-172					3							56						
FHMMW-173					4							68						
FHMMW-174					4							27						
FHMMW-175				1	3							68			3			
FHMMW-176																		
FHMMW-177												27						
FHMMW-178					2							19						
FHMMW-179												38						
FHMMW-180												17		9				

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Fish ID	Species	Date of capture (dd/mm/yyyy)	Location (Manitoba)	N Latitude (DD)	W Longitude (DD)	Gill: Ectoparasite (Gyrodactylus hoffmanai)
FHMW-1	Fathead minnow	9/25/2007	Baylor Pond- I	49.78013	97.15348	
FHMW-2	Fathead minnow	9/25/2007	Baylor Pond- I	49.78013	97.15348	
FHMW-3	Fathead minnow	9/25/2007	Baylor Pond- I	49.78013	97.15348	
FHMW-4	Fathead minnow	9/25/2007	Baylor Pond- I	49.78013	97.15348	
FHMW-5	Fathead minnow	9/25/2007	Baylor Pond- I	49.78013	97.15348	
FHMW-6	Fathead minnow	9/25/2007	Baylor Pond- I	49.78013	97.15348	
FHMW-7	Fathead minnow	9/25/2007	Baylor Pond- I	49.78013	97.15348	
FHMW-8	Fathead minnow	9/25/2007	Baylor Pond- I	49.78013	97.15348	
FHMW-9	Fathead minnow	9/25/2007	Baylor Pond- I	49.78013	97.15348	
FHMW-10	Fathead minnow	9/25/2007	Baylor Pond- I	49.78013	97.15348	
FHMW-11	Fathead minnow	9/25/2007	Baylor Pond- I	49.78013	97.15348	
FHMW-12	Fathead minnow	9/25/2007	Baylor Pond- I	49.78013	97.15348	
FHMW-13	Fathead minnow	9/25/2007	Baylor Pond- I	49.78013	97.15348	
FHMW-14	Fathead minnow	9/25/2007	Baylor Pond- I	49.78013	97.15348	
FHMW-15	Fathead minnow	9/25/2007	Baylor Pond- I	49.78013	97.15348	
FHMW-16	Fathead minnow	9/25/2007	Baylor Pond- I	49.78013	97.15348	
FHMW-17	Fathead minnow	9/25/2007	Baylor Pond- I	49.78013	97.15348	
FHMW-18	Fathead minnow	9/25/2007	Baylor Pond- I	49.78013	97.15348	
FHMW-19	Fathead minnow	9/25/2007	Baylor Pond- I	49.78013	97.15348	
FHMW-20	Fathead minnow	9/25/2007	Baylor Pond- I	49.78013	97.15348	
FHMW-21	Fathead minnow	9/25/2007	Baylor Pond- I	49.78013	97.15348	
FHMW-22	Fathead minnow	9/25/2007	Baylor Pond- I	49.78013	97.15348	
FHMW-23	Fathead minnow	9/25/2007	Baylor Pond- I	49.78013	97.15348	
FHMW-24	Fathead minnow	9/25/2007	Baylor Pond- I	49.78013	97.15348	
FHMW-25	Fathead minnow	9/25/2007	Baylor Pond- I	49.78013	97.15348	
FHMW-26	Fathead minnow	9/25/2007	Baylor Pond- I	49.78013	97.15348	
FHMW-27	Fathead minnow	9/25/2007	Baylor Pond- I	49.78013	97.15348	
FHMW-28	Fathead minnow	9/25/2007	Baylor Pond- I	49.78013	97.15348	
FHMW-29	Fathead minnow	9/25/2007	Baylor Pond- I	49.78013	97.15348	
FHMW-30	Fathead minnow	9/25/2007	Baylor Pond- I	49.78013	97.15348	
FHMW-31	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	
FHMW-32	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	
FHMW-33	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	
FHMW-34	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	3.0
FHMW-35	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	1.0
FHMW-36	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	
FHMW-37	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	
FHMW-38	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	
FHMW-39	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	4.0
FHMW-40	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	1.0
FHMW-41	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	
FHMW-42	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	
FHMW-43	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	
FHMW-44	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	
FHMW-45	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	
FHMW-46	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	1.0
FHMW-47	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	
FHMW-48	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	
FHMW-49	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	
FHMW-50	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	
FHMW-51	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	
FHMW-52	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	
FHMW-53	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	
FHMW-54	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	
FHMW-55	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	1.0
FHMW-56	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	
FHMW-57	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	
FHMW-58	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	
FHMW-59	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	

Fish ID	Species	Date of capture (dd/mm/yyyy)	Location (Manitoba)	N Latitude (DD)	W Longitude (DD)	Ectoparasite (Gyrodactylus hoffmanai)
FHMW-60	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	0.0
FHMW-61	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	0.0
FHMW-62	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	
FHMW-63	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	
FHMW-64	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	
FHMW-65	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	
FHMW-66	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	
FHMW-67	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	
FHMW-68	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	
FHMW-69	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	
FHMW-70	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	
FHMW-71	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	
FHMW-72	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	
FHMW-73	Fathead minnow	5/10/2007	Pembina/La Riveria	49.23041	98.67562	
SH-74	Shinners	5/10/2007	Pembina/La Riveria	49.23041	98.67562	
SH-75	Shinners	5/10/2007	Pembina/La Riveria	49.23041	98.67562	
SH-76	Shinners	5/10/2007	Pembina/La Riveria	49.23041	98.67562	
SH-77	Shinners	5/10/2007	Pembina/La Riveria	49.23041	98.67562	
SH-78	Shinners	5/10/2007	Pembina/La Riveria	49.23041	98.67562	
SH-79	Shinners	5/10/2007	Pembina/La Riveria	49.23041	98.67562	
SH-80	Shinners	5/10/2007	Pembina/La Riveria	49.23041	98.67562	
SH-81	Shinners	5/10/2007	Pembina/La Riveria	49.23041	98.67562	
SH-82	Shinners	5/10/2007	Pembina/La Riveria	49.23041	98.67562	
SH-83	Shinners	5/10/2007	Pembina/La Riveria	49.23041	98.67562	
SH-84	Shinners	5/10/2007	Pembina/La Riveria	49.23041	98.67562	
SH-85	Shinners	5/10/2007	Pembina/La Riveria	49.23041	98.67562	
SH-86	Shinners	5/10/2007	Pembina/La Riveria	49.23041	98.67562	
SH-87	Shinners	5/10/2007	Pembina/La Riveria	49.23041	98.67562	
SH-88	Shinners	5/10/2007	Pembina/La Riveria	49.23041	98.67562	
SH-89	Shinners	5/10/2007	Pembina/La Riveria	49.23041	98.67562	
SH-90	Shinners	5/10/2007	Pembina/La Riveria	49.23041	98.67562	
SH-91	Shinners	5/10/2007	Pembina/La Riveria	49.23041	98.67562	
SH-92	Shinners	5/10/2007	Pembina/La Riveria	49.23041	98.67562	
SH-93	Shinners	5/10/2007	Pembina/La Riveria	49.23041	98.67562	
SH-94	Shinners	5/10/2007	Pembina/La Riveria	49.23041	98.67562	
SH-95	Shinners	5/10/2007	Pembina/La Riveria	49.23041	98.67562	
SH-96	Shinners	5/10/2007	Pembina/La Riveria	49.23041	98.67562	
SH-97	Shinners	5/10/2007	Pembina/La Riveria	49.23041	98.67562	
SH-98	Shinners	5/10/2007	Pembina/La Riveria	49.23041	98.67562	
SH-99	Shinners	5/10/2007	Pembina/La Riveria	49.23041	98.67562	
SH-100	Shinners	5/10/2007	Pembina/La Riveria	49.23041	98.67562	
SH-101	Shinners	5/10/2007	Pembina/La Riveria	49.23041	98.67562	
SH-102	Shinners	5/10/2007	Pembina/La Riveria	49.23041	98.67562	
SH-103	Shinners	5/10/2007	Pembina/La Riveria	49.23041	98.67562	
CMSH-104	Common Shinner	9/10/2007	Wawanesa (Souris River)	49.59896	99.68317	
CMSH-105	Common Shinner	9/10/2007	Wawanesa (Souris River)	49.59896	99.68317	
CMSH-106	Common Shinner	9/10/2007	Wawanesa (Souris River)	49.59896	99.68317	
CMSH-107	Common Shinner	9/10/2007	Wawanesa (Souris River)	49.59896	99.68317	
CMSH-108	Common Shinner	9/10/2007	Wawanesa (Souris River)	49.59896	99.68317	
CMSH-109	Common Shinner	9/10/2007	Wawanesa (Souris River)	49.59896	99.68317	
CMSH-110	Common Shinner	9/10/2007	Wawanesa (Souris River)	49.59896	99.68317	
CMSH-111	Common Shinner	9/10/2007	Wawanesa (Souris River)	49.59896	99.68317	
CMSH-112	Common Shinner	9/10/2007	Wawanesa (Souris River)	49.59896	99.68317	
CMSH-113	Common Shinner	9/10/2007	Wawanesa (Souris River)	49.59896	99.68317	
FHMW-114	Fathead minnow	9/10/2007	Wawanesa (Souris River)	49.59896	99.68317	
FHMW-115	Fathead minnow	9/10/2007	Wawanesa (Souris River)	49.59896	99.68317	
FHMW-116	Fathead minnow	22/10/2007	Baylor Pond-I	49.78013	97.15348	
FHMW-117	Fathead minnow	22/10/2007	Baylor Pond-I	49.78013	97.15348	2.0
FHMW-118	Fathead minnow	22/10/2007	Baylor Pond-I	49.78013	97.15348	

Fish ID	Species	Date of capture (dd/mm/yyyy)	Location (Manitoba)	N Latitude (DD)	W Longitude (DD)	Ectoparasite (Gyrodactylus hoffmani)
FHMW-119	Fathead minnow	22/10/2007	Baylor Pond-I	49.78013	97.15348	
FHMW-120	Fathead minnow	22/10/2007	Baylor Pond-I	49.78013	97.15348	1.0
FHMW-121	Fathead minnow	22/10/2007	Baylor Pond-I	49.78013	97.15348	
FHMW-122	Fathead minnow	22/10/2007	Baylor Pond-I	49.78013	97.15348	
FHMW-123	Fathead minnow	22/10/2007	Baylor Pond-I	49.78013	97.15348	
FHMW-124	Fathead minnow	22/10/2007	Baylor Pond-I	49.78013	97.15348	
FHMW-125	Fathead minnow	22/10/2007	Baylor Pond-I	49.78013	97.15348	
FHMW-126	Fathead minnow	22/10/2007	Baylor Pond-I	49.78013	97.15348	
FHMW-127	Fathead minnow	22/10/2007	Baylor Pond-I	49.78013	97.15348	
FHMW-128	Fathead minnow	22/10/2007	Baylor Pond-I	49.78013	97.15348	1.0
FHMW-129	Fathead minnow	22/10/2007	Baylor Pond-I	49.78013	97.15348	
FHMW-130	Fathead minnow	22/10/2007	Baylor Pond-I	49.78013	97.15348	
FHMW-131	Fathead minnow	22/10/2007	Baylor Pond-I	49.78013	97.15348	
FHMW-132	Fathead minnow	22/10/2007	Baylor Pond-I	49.78013	97.15348	
FHMW-133	Fathead minnow	22/10/2007	Baylor Pond-I	49.78013	97.15348	
FHMW-134	Fathead minnow	22/10/2007	Baylor Pond-I	49.78013	97.15348	
FHMW-135	Fathead minnow	22/10/2007	Baylor Pond-I	49.78013	97.15348	
FHMW-136	Fathead minnow	22/10/2007	Baylor Pond-I	49.78013	97.15348	
FHMW-137	Fathead minnow	22/10/2007	Baylor Pond-I	49.78013	97.15348	
FHMW-138	Fathead minnow	22/10/2007	Baylor Pond-I	49.78013	97.15348	
FHMW-139	Fathead minnow	22/10/2007	Baylor Pond-I	49.78013	97.15348	
FHMW-140	Fathead minnow	22/10/2007	Baylor Pond-I	49.78013	97.15348	
FHMW-141	Fathead minnow	22/10/2007	Baylor Pond-I	49.78013	97.15348	
FHMW-142	Fathead minnow	22/10/2007	Baylor Pond-I	49.78013	97.15348	2.0
FHMW-143	Fathead minnow	22/10/2007	Baylor Pond-I	49.78013	97.15348	
FHMW-144	Fathead minnow	22/10/2007	Baylor Pond-I	49.78013	97.15348	
FHMW-145	Fathead minnow	22/10/2007	Baylor Pond-I	49.78013	97.15348	
FHMW-146	Fathead minnow	22/10/2007	Baylor Pond-II	49.78013	97.15348	3.0
FHMW-147	Fathead minnow	22/10/2007	Baylor Pond-II	49.78013	97.15348	
FHMW-148	Fathead minnow	22/10/2007	Baylor Pond-II	49.78013	97.15348	
FHMW-149	Fathead minnow	22/10/2007	Baylor Pond-II	49.78013	97.15348	
FHMW-150	Fathead minnow	22/10/2007	Baylor Pond-II	49.78013	97.15348	3.0
FHMW-151	Fathead minnow	22/10/2007	Baylor Pond-II	49.78013	97.15348	
FHMW-152	Fathead minnow	22/10/2007	Baylor Pond-II	49.78013	97.15348	
FHMW-153	Fathead minnow	22/10/2007	Baylor Pond-II	49.78013	97.15348	1.0
FHMW-154	Fathead minnow	22/10/2007	Baylor Pond-II	49.78013	97.15348	
FHMW-155	Fathead minnow	22/10/2007	Baylor Pond-II	49.78013	97.15348	
FHMW-156	Fathead minnow	22/10/2007	Baylor Pond-II	49.78013	97.15348	
FHMW-157	Fathead minnow	22/10/2007	Baylor Pond-II	49.78013	97.15348	
FHMW-158	Fathead minnow	22/10/2007	Baylor Pond-II	49.78013	97.15348	1.0
FHMW-159	Fathead minnow	22/10/2007	Baylor Pond-II	49.78013	97.15348	
FHMW-160	Fathead minnow	22/10/2007	Baylor Pond-II	49.78013	97.15348	
FHMW-161	Fathead minnow	22/10/2007	Baylor Pond-II	49.78013	97.15348	
FHMW-162	Fathead minnow	22/10/2007	Baylor Pond-II	49.78013	97.15348	1.0
FHMW-163	Fathead minnow	22/10/2007	Baylor Pond-II	49.78013	97.15348	1.0
FHMW-164	Fathead minnow	22/10/2007	Baylor Pond-II	49.78013	97.15348	
FHMW-165	Fathead minnow	22/10/2007	Baylor Pond-II	49.78013	97.15348	
FHMW-166	Fathead minnow	22/10/2007	Baylor Pond-II	49.78013	97.15348	
FHMW-167	Fathead minnow	22/10/2007	Baylor Pond-II	49.78013	97.15348	1.0
FHMW-168	Fathead minnow	22/10/2007	Baylor Pond-II	49.78013	97.15348	
FHMW-169	Fathead minnow	22/10/2007	Baylor Pond-II	49.78013	97.15348	
FHMW-170	Fathead minnow	22/10/2007	Baylor Pond-II	49.78013	97.15348	
FHMW-171	Fathead minnow	22/10/2007	Baylor Pond-II	49.78013	97.15348	1.0
FHMW-172	Fathead minnow	22/10/2007	Baylor Pond-II	49.78013	97.15348	2.0
FHMW-173	Fathead minnow	22/10/2007	Baylor Pond-II	49.78013	97.15348	
FHMW-174	Fathead minnow	22/10/2007	Baylor Pond-II	49.78013	97.15348	
FHMW-175	Fathead minnow	22/10/2007	Baylor Pond-II	49.78013	97.15348	
FHMW-176	Fathead minnow	22/10/2007	Baylor Pond-II	49.78013	97.15348	
FHMW-177	Fathead minnow	22/10/2007	Baylor Pond-II	49.78013	97.15348	

Fish ID	Species	Date of capture (dd/mm/yyyy)	Location (Manitoba)	N Latitude (DD)	W Longitude (DD)	Ectoparasite (Gyrodactylus hoffmani)
FHMW-178	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	1.0
FHMW-179	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	
FHMW-180	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	
FHMW-181	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	3.0
FHMW-182	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	
FHMW-183	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	2.0
FHMW-184	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	
FHMW-185	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	
FHMW-186	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	2.0
FHMW-187	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	
FHMW-188	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	
FHMW-189	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	
FHMW-190	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	
FHMW-191	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	
FHMW-192	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	1.0
FHMW-193	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	
FHMW-194	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	
FHMW-195	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	
FHMW-196	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	
FHMW-197	Fathead minnow	22/10/2007	Emerson (Red River)	49.00011	97.23022	2.0
FHMW-198	Fathead minnow	22/10/2007	Emerson (Red River)	49.00011	97.23022	
FHMW-199	Fathead minnow	22/10/2007	Emerson (Red River)	49.00011	97.23022	
FHMW-200	Fathead minnow	22/10/2007	Emerson (Red River)	49.00011	97.23022	1.0
FHMW-201	Fathead minnow	22/10/2007	Emerson (Red River)	49.00011	97.23022	
FHMW-202	Fathead minnow	22/10/2007	Emerson (Red River)	49.00011	97.23022	
FHMW-203	Fathead minnow	22/10/2007	Emerson (Red River)	49.00011	97.23022	
FHMW-204	Fathead minnow	22/10/2007	Emerson (Red River)	49.00011	97.23022	
FHMW-205	Fathead minnow	22/10/2007	Emerson (Red River)	49.00011	97.23022	
FHMW-206	Fathead minnow	22/10/2007	Emerson (Red River)	49.00011	97.23022	
FHMW-207	Fathead minnow	22/10/2007	Emerson (Red River)	49.00011	97.23022	
FHMW-208	Fathead minnow	22/10/2007	Emerson (Red River)	49.00011	97.23022	
FHMW-209	Fathead minnow	22/10/2007	Emerson (Red River)	49.00011	97.23022	
FHMW-210	Fathead minnow	22/10/2007	Emerson (Red River)	49.00011	97.23022	1.0
FHMW-211	Fathead minnow	22/10/2007	Emerson (Red River)	49.00011	97.23022	
FHMW-212	Fathead minnow	22/10/2007	Emerson (Red River)	49.00011	97.23022	
FHMW-213	Fathead minnow	22/10/2007	Emerson (Red River)	49.00011	97.23022	
FHMW-214	Fathead minnow	22/10/2007	Emerson (Red River)	49.00011	97.23022	
FHMW-215	Fathead minnow	22/10/2007	Emerson (Red River)	49.00011	97.23022	
FHMW-216	Fathead minnow	22/10/2007	Emerson (Red River)	49.00011	97.23022	
FHMW-217	Fathead minnow	22/10/2007	Emerson (Red River)	49.00011	97.23022	
FHMW-218	Fathead minnow	22/10/2007	Emerson (Red River)	49.00011	97.23022	
FHMW-219	Fathead minnow	22/10/2007	Baylor Pond -II	49.78013	97.15348	2.0
FHMW-220	Fathead minnow	22/10/2007	Baylor Pond -II	49.78013	97.15348	
FHMW-221	Fathead minnow	22/10/2007	Baylor Pond -II	49.78013	97.15348	2.0
FHMW-222	Fathead minnow	22/10/2007	Baylor Pond -II	49.78013	97.15348	
FHMW-223	Fathead minnow	22/10/2007	Baylor Pond -II	49.78013	97.15348	
FHMW-224	Fathead minnow	22/10/2007	Baylor Pond -II	49.78013	97.15348	
FHMW-225	Fathead minnow	22/10/2007	Baylor Pond -II	49.78013	97.15348	
FHMW-226	Fathead minnow	22/10/2007	Baylor Pond -II	49.78013	97.15348	
FHMW-227	Fathead minnow	22/10/2007	Baylor Pond -II	49.78013	97.15348	2.0
FHMW-228	Fathead minnow	22/10/2007	Baylor Pond -II	49.78013	97.15348	
FHMW-229	Fathead minnow	22/10/2007	Baylor Pond -II	49.78013	97.15348	
EMSH-230	Emerald Shinner	23/10/2007	Emerson (Red River)	49.00011	97.23022	
EMSH-231	Emerald Shinner	22/10/2007	Emerson (Red River)	49.00011	97.23022	
EMSH-232	Emerald Shinner	22/10/2007	Emerson (Red River)	49.00011	97.23022	
EMSH-233	Emerald Shinner	23/10/2007	Selkirk/Netley/Red	50.15042	96.85757	
EMSH-234	Emerald Shinner	23/10/2007	Selkirk/Netley/Red	50.15042	96.85757	
EMSH-235	Emerald Shinner	23/10/2007	Selkirk/Netley/Red	50.15042	96.85757	
EMSH-236	Emerald Shinner	23/10/2007	Selkirk/Netley/Red	50.15042	96.85757	

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Fish ID	Species	Date of capture (dd/mm/yyyy)	Location (Manitoba)	N Latitude (DD)	W Longitude (DD)	Ectoparasite (Gyrodactylus hoffmanai)
EMSH-296	Emerald Shinner	23/10/2007	Selkirk/Netley/Red	50.15042	96.85757	
EMSH-297	Emerald Shinner	23/10/2007	Selkirk/Netley/Red	50.15042	96.85757	
FHMW-298	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	5.0
FHMW-299	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	5.0
FHMW-300	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	1.0
FHMW-301	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	3.0
FHMW-302	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	1.0
FHMW-303	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	3.0
FHMW-304	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	1.0
FHMW-305	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	3.0
FHMW-306	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	
FHMW-307	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	
FHMW-308	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	1.0
FHMW-309	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	1.0
FHMW-310	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	4.0
FHMW-311	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	1.0
FHMW-312	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	
FHMW-313	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	1.0
FHMW-314	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	1.0
FHMW-315	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	2.0
FHMW-316	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	
FHMW-317	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	9.0
FHMW-318	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	1.0
FHMW-319	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	
FHMW-320	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	
FHMW-321	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	1.0
FHMW-322	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	
FHMW-323	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	
FHMW-324	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	2.0
FHMW-325	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	2.0
FHMW-326	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	9.0
FHMW-327	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	2.0
FHMW-328	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	8.0
FHMW-329	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	2.0
FHMW-330	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	11.0
FHMW-331	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	1.0
FHMW-332	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	
FHMW-333	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	2.0
FHMW-334	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	
FHMW-335	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	
FHMW-336	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	2.0
FHMW-337	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	
FHMW-338	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	8.0
FHMW-339	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	2.0
FHMW-340	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	3.0
FHMW-341	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	
FHMW-342	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	2.0
FHMW-343	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	
FHMW-344	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	5.0
FHMW-345	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	2.0
FHMW-346	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	
FHMW-347	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	
FHMW-348	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	1.0
FHMW-349	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	
FHMW-350	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	
FHMW-351	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	
FHMW-352	Fathead minnow	26/10/2007	Wavey Creek	50.26567	97.97504	1.0