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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)
FHAMV-1	Fathead minnow	26/10/2007	Wavy Creek	50.26567	96.97504	1/1/12007	1	49	45	40		F	Mature	0.055	0.01050	0.006
FHAMV-2	Fathead minnow	26/10/2007	Wavy Creek	50.26567	96.97504	1/1/12007	0.8	47	43	39		M	Mature	0.011	0.01102	0.001
FHAMV-3	Fathead minnow	26/10/2007	Wavy Creek	50.26567	96.97504	1/1/12007	0.8	47	44	39		F	Mature	0.023	0.01210	0.009
FHAMV-4	Fathead minnow	26/10/2007	Wavy Creek	50.26567	96.97504	2/1/12007	1.1	50	46	40		F	Mature	0.054	0.01902	0.009
FHAMV-5	Fathead minnow	26/10/2007	Wavy Creek	50.26567	96.97504	2/1/12007	1.4	58	54	47		M	Mature	0.026	0.00982	0.002
FHAMV-6	Fathead minnow	26/10/2007	Wavy Creek	50.26567	96.97504	2/1/12007	0.8	45	42	37		F	Mature	0.077	0.00244	0.002
FHAMV-7	Fathead minnow	26/10/2007	Wavy Creek	50.26567	96.97504	2/1/12007	1.5	58	55	47		M	Mature	0.021	0.03107	0.109
FHAMV-8	Fathead minnow	26/10/2007	Wavy Creek	50.26567	96.97504	2/1/12007	1.2	47	43	40		F	Mature	0.040	0.00411	0.030
FHAMV-9	Fathead minnow	26/10/2007	Wavy Creek	50.26567	96.97504	2/1/12007	1.1	54	50	43		F	Mature	0.063	0.04123	0.001
FHAMV-10	Fathead minnow	26/10/2007	Wavy Creek	50.26567	96.97504	5/1/12007	0.8	46	43	38		M	Mature	0.032	0.00064	0.001
FHAMV-11	Fathead minnow	26/10/2007	Wavy Creek	50.26567	96.97504	5/1/12007	1	52	46	41		M	Mature	0.001	0.00376	0.023
FHAMV-12	Fathead minnow	26/10/2007	Wavy Creek	50.26567	96.97504	5/1/12007	1	48	44	40		F	Mature	0.051	0.00310	0.021
FHAMV-13	Fathead minnow	26/10/2007	Wavy Creek	50.26567	96.97504	5/1/12007	0.8	46	43	38		M	Mature	0.009	0.00213	0.004
FHAMV-14	Fathead minnow	26/10/2007	Wavy Creek	50.26567	96.97504	5/1/12007	1.4	55	50	45		M	Mature	0.031	0.04128	0.091
FHAMV-15	Fathead minnow	26/10/2007	Wavy Creek	50.26567	96.97504	5/1/12007	0.7	44	39	36		M	Mature	0.023	0.02701	0.009
FHAMV-16	Fathead minnow	26/10/2007	Wavy Creek	50.26567	96.97504	5/1/12007	0.8	48	44	30		M	Mature	0.001	0.01912	0.006
FHAMV-17	Fathead minnow	26/10/2007	Wavy Creek	50.26567	96.97504	6/1/12007	0.8	44	39	36		M	Mature	0.001	0.01912	0.006
FHAMV-18	Fathead minnow	26/10/2007	Wavy Creek	50.26567	96.97504	6/1/12007	0.8	44	39	36		M	Mature	0.023	0.00211	0.009
FHAMV-19	Fathead minnow	26/10/2007	Wavy Creek	50.26567	96.97504	6/1/12007	1.1	49	46	40		M	Mature	0.002	0.00631	0.009
FHAMV-20	Fathead minnow	26/10/2007	Wavy Creek	50.26567	96.97504	6/1/12007	0.6	41	38	35		F	Mature	0.029	0.00941	0.009
FHAMV-21	Fathead minnow	26/10/2007	Wavy Creek	50.26567	96.97504	6/1/12007	0.8	46	41	37		F	Mature	0.029	0.01912	0.001
FHAMV-22	Fathead minnow	26/10/2007	Wavy Creek	50.26567	96.97504	6/1/12007	1.7	59	55	48		F	Mature	0.091	0.02134	0.004
FHAMV-23	Fathead minnow	26/10/2007	Wavy Creek	50.26567	96.97504	6/1/12007	0.9	46	44	37		F	Mature	0.056	0.00612	0.009
FHAMV-24	Fathead minnow	26/10/2007	Wavy Creek	50.26567	96.97504	7/1/12007	1	50	45	40		F	Mature	0.065	0.000213	0.009
FHAMV-25	Fathead minnow	26/10/2007	Wavy Creek	50.26567	96.97504	7/1/12007	0.5	39	36	30		F	Mature	0.031	0.00213	0.004
FHAMV-26	Fathead minnow	26/10/2007	Wavy Creek	50.26567	96.97504	7/1/12007	0.6	41	38	35		F	Mature	0.022	0.00132	0.009
FHAMV-27	Fathead minnow	26/10/2007	Wavy Creek	50.26567	96.97504	7/1/12007	0.8	46	43	39		M	Mature	0.003	0.00312	0.009
FHAMV-28	Fathead minnow	26/10/2007	Wavy Creek	50.26567	96.97504	7/1/12007	1.6	61	56	50		M	Mature	0.003	0.05921	0.041
FHAMV-29	Fathead minnow	26/10/2007	Wavy Creek	50.26567	96.97504	7/1/12007	0.8	46	42	39		F	Mature	0.006	0.02341	0.004
FHAMV-30	Fathead minnow	26/10/2007	Wavy Creek	50.26567	96.97504	7/1/12007	1.3	53.5	49	43		F	Mature	0.031	0.02302	0.023
FHAMV-31	Fathead minnow	26/10/2007	Wavy Creek	50.26567	96.97504	7/1/12007	0.8	46	42	39		M	Mature	0.003	0.04841	0.048
FHAMV-32	Fathead minnow	26/10/2007	Wavy Creek	50.26567	96.97504	7/1/12007	1.2	53	49	43		F	Mature	0.038	0.02110	0.002
FHAMV-33	Fathead minnow	26/10/2007	Wavy Creek	50.26567	96.97504	7/1/12007	0.7	44	41	35		F	Mature	0.032	0.00312	0.001
FHAMV-34	Fathead minnow	26/10/2007	Wavy Creek	50.26567	96.97504	8/1/12007	0.7	44	41	35		F	Mature	0.031	0.00219	0.001
FHAMV-35	Fathead minnow	26/10/2007	Wavy Creek	50.26567	96.97504	8/1/12007	1.3	52	49	44		F	Mature	0.048	0.06812	0.022
FHAMV-36	Fathead minnow	26/10/2007	Wavy Creek	50.26567	96.97504	8/1/12007	0.5	37	35	32		Unkn			0.00321	0.002
FHAMV-37	Fathead minnow	26/10/2007	Wavy Creek	50.26567	96.97504	8/1/12007	1	49	45	39		F	Mature	0.041	0.05612	0.027
FHAMV-38	Fathead minnow	26/10/2007	Wavy Creek	50.26567	96.97504	8/1/12007	0.8	46	41	36		F	Mature	0.018	0.03942	0.004
FHAMV-39	Fathead minnow	26/10/2007	Wavy Creek	50.26567	96.97504	8/1/12007	1.1	51	47	41		M	Mature	0.008	0.05612	0.009
FHAMV-40	Fathead minnow	26/10/2007	Wavy Creek	50.26567	96.97504	8/1/12007	1.4	52	47	43		M	Mature	0.012	0.05123	0.031
FHAMV-41	Fathead minnow	26/10/2007	Wavy Creek	50.26567	96.97504	8/1/12007	0.8	48	44	40		F	Mature	0.018	0.03210	0.009
FHAMV-42	Fathead minnow	26/10/2007	Wavy Creek	50.26567	96.97504	9/1/12007	2.1	68	58	51		M	Mature	0.062	0.08231	0.071
FHAMV-43	Fathead minnow	26/10/2007	Wavy Creek	50.26567	96.97504	9/1/12007	0.9	47	42	38		F	Mature	0.068	0.03211	0.009
FHAMV-44	Fathead minnow	26/10/2007	Wavy Creek	50.26567	96.97504	9/1/12007	0.9	47	42	38		F	Mature	0.068	0.03211	0.009

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FHAMW-45	Fathead minnow	28/10/2007	Waway Creek	50.26667	96.97504	9/1/2007	1	48	45	40		M	Mature	0.004	0.02120	0.006
FHAMW-46	Fathead minnow	28/10/2007	Waway Creek	50.26667	96.97504	9/1/2007	0.8	44	41	37		F	Mature	0.021	0.03123	0.006
FHAMW-47	Fathead minnow	28/10/2007	Waway Creek	50.26667	96.97504	9/1/2007	1.7	51	51	41		M	Mature	0.053	0.06321	0.006
FHAMW-48	Fathead minnow	28/10/2007	Waway Creek	50.26667	96.97504	9/1/2007	0.9	45	42	38		F	Mature	0.051	0.01582	0.001
FHAMW-49	Fathead minnow	28/10/2007	Waway Creek	50.26667	96.97504	9/1/2007	0.6	39	36	33		F	Mature	0.021	0.01620	0.000
FHAMW-50	Fathead minnow	28/10/2007	Waway Creek	50.26667	96.97504	9/1/2007	1.2	51	47	42		M	Mature	0.012	0.04812	0.001
FHAMW-51	Fathead minnow	28/10/2007	Waway Creek	50.26667	96.97504	9/1/2007	1.2	54	44	44		M	Mature	0.018	0.05612	0.005
FHAMW-52	Fathead minnow	28/10/2007	Waway Creek	50.26667	96.97504	9/1/2007	1.2	54	44	44		F	Mature	0.049	0.04823	0.041
FHAMW-53	Fathead minnow	28/10/2007	Waway Creek	50.26667	96.97504	9/1/2007	0.7	42	38	34		F	Mature	0.047	0.00913	0.003
FHAMW-54	Fathead minnow	28/10/2007	Waway Creek	50.26667	96.97504	12/1/2007	0.6	41	38	34		F	Mature	0.025	0.00382	0.001
FHAMW-55	Fathead minnow	28/10/2007	Waway Creek	50.26667	96.97504	12/1/2007	1.5	63.5	48	41		F	Mature	0.012	0.01330	0.029
FHAMW-56	Fathead minnow	28/10/2007	Waway Creek	50.26667	96.97504	12/1/2007	1.4	53	48	40		F	Mature	0.110	0.01210	0.021
FHAMW-57	Fathead minnow	22/10/2007	Wason / Red River	49.00011	97.23022	12/1/2007	0.1	29	27	26		F	Juvenile	0.001	0.00120	0.000
FHAMW-58	Fathead minnow	22/10/2007	Wason / Red River	49.00011	97.23022	12/1/2007	0.3	34	30	28		M	Mature	0.002	0.00140	0.000
FHAMW-59	Fathead minnow	22/10/2007	Wason / Red River	49.00011	97.23022	12/1/2007	0.3	37	33	29		M	Mature	0.002	0.00130	0.006
FHAMW-60	Fathead minnow	22/10/2007	Wason / Red River	49.00011	97.23022	12/1/2007	1	48	44	40		M	Mature	0.004	0.04812	0.006
FHAMW-61	Fathead minnow	22/10/2007	Wason / Red River	49.00011	97.23022	12/1/2007	0.5	44	39	34		F	Mature	0.062	0.00312	0.000
FHAMW-62	Fathead minnow	22/10/2007	Wason / Red River	49.00011	97.23022	12/1/2007	0.4	40	35	31		F	Mature	0.002	0.00221	0.000
FHAMW-63	Fathead minnow	22/10/2007	Wason / Red River	49.00011	97.23022	12/1/2007	0.1	29	27	25		Unkn	Im	0.000	0.00012	0.000
FHAMW-64	Fathead minnow	22/10/2007	Wason / Red River	49.00011	97.23022	12/1/2007	0.4	41	38	33		F	Mature	0.003	0.00339	0.000
FHAMW-65	Fathead minnow	22/10/2007	Wason / Red River	49.00011	97.23022	12/1/2007	0.2	29	27	25		F	Mature	0.002	0.00112	0.000
FHAMW-66	Fathead minnow	28/09/07	Wason / Red River	49.78013	97.15348	13/1/2007	0.6	44	40	35		M	Mature	0.001	0.00213	0.000
FHAMW-67	Fathead minnow	28/09/07	Wason / Red River	49.78013	97.15348	13/1/2007	0.8	44	41	37		F	Mature	0.061	0.01123	0.000
FHAMW-68	Fathead minnow	28/09/08	Wason / Red River	49.78013	97.15348	13/1/2007	0.9	44	41	37		F	Mature	0.068	0.01223	0.000
FHAMW-69	Fathead minnow	28/09/08	Wason / Red River	49.78013	97.15348	13/1/2007	2.4	66	60	55		M	Mature	0.008	0.04562	0.006
FHAMW-70	Fathead minnow	28/09/08	Wason / Red River	49.78013	97.15348	13/1/2007	0.3	30	33	29		F	Mature	0.001	0.00341	0.000
FHAMW-71	Fathead minnow	28/09/11	Wason / Red River	49.78013	97.15348	13/1/2007	1.9	57	52	46		F	Mature	0.069	0.04213	0.006
FHAMW-72	Fathead minnow	28/09/07	Wason / Red River	49.78013	97.15348	13/1/2007	1.1	48	45	40		M	Mature	0.002	0.00210	0.001
FHAMW-73	Fathead minnow	28/09/08	Wason / Red River	49.78013	97.15348	13/1/2007	0.6	39	36	32		F	Mature	0.012	0.02234	0.000
FHAMW-74	Fathead minnow	28/09/08	Wason / Red River	49.78013	97.15348	13/1/2007	1.1	49	48	41		F	Mature	0.041	0.03213	0.002
FHAMW-75	Fathead minnow	28/09/10	Wason / Red River	49.78013	97.15348	13/1/2007	0.5	38	35	30		F	Mature	0.044	0.05123	0.000
FHAMW-76	Fathead minnow	28/09/11	Wason / Red River	49.78013	97.15348	13/1/2007	1.7	56	51	45		M	Mature	0.009	0.05222	0.002
FHAMW-77	Fathead minnow	28/09/07	Wason / Red River	49.78013	97.15348	13/1/2007	3.5	71	64	58		M	Mature	0.048	0.06212	0.061
FHAMW-78	Fathead minnow	28/09/08	Wason / Red River	49.78013	97.15348	13/1/2007	2.5	63	59	52		F	Mature	0.068	0.04323	0.012
FHAMW-79	Fathead minnow	28/09/08	Wason / Red River	49.78013	97.15348	13/1/2007	2.4	62.5	58	52		M	Mature	0.021	0.04121	0.011
FHAMW-80	Fathead minnow	28/09/10	Wason / Red River	49.78013	97.15348	13/1/2007	3.1	70	66	58		F	Mature	0.211	0.08123	0.044
FHAMW-81	Fathead minnow	28/09/11	Wason / Red River	49.78013	97.15348	13/1/2007	1.9	59	56	48		F	Mature	0.038	0.02314	0.003
FHAMW-82	Fathead minnow	28/09/07	Wason / Red River	49.78013	97.15348	13/1/2007	2.6	63	59	54		F	Mature	0.041	0.03213	0.001
FHAMW-83	Fathead minnow	28/09/08	Wason / Red River	49.78013	97.15348	13/1/2007	0.5	36	34	30		Unkn	Unkn		0.00123	0.000
FHAMW-84	Fathead minnow	28/09/08	Wason / Red River	49.78013	97.15348	13/1/2007	0.5	36	34	30		Unkn	Unkn		0.00131	0.000
FHAMW-85	Fathead minnow	28/09/10	Wason / Red River	49.78013	97.15348	13/1/2007	2.3	60	51	47		M	Mature	0.002	0.03489	0.002
FHAMW-86	Fathead minnow	28/09/11	Wason / Red River	49.78013	97.15348	13/1/2007	1.2	47	44	39		F	Mature	0.022	0.01320	0.001
FHAMW-87	Fathead minnow	22/10/2007	Wason / Red River	49.78013	97.15348	15/1/2007	2.3	65	60	55		M	Mature	0.004	0.03123	0.002
FHAMW-88	Fathead minnow	22/10/2007	Wason / Red River	49.78013	97.15348	15/1/2007	0.1	28	26	24		Unkn	Im		0.00213	0.000

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FHAMV-89	Fathead minnow	22/10/2007	Baylor Pond-1	49.78013	97.15348	15/11/2007	0.6	42	38	34		F	Mature	0.005	0.00267	0.003
FHAMV-90	Fathead minnow	22/10/2007	Baylor Pond-1	49.78013	97.15348	15/11/2007	0.5	37	34	31		M	Mature	0.002	0.00313	0.002
FHAMV-91	Fathead minnow	22/10/2007	Baylor Pond-1	49.78013	97.15348	15/11/2007	0.9	47	44	39		F	Mature	0.003	0.00322	0.021
FHAMV-92	Fathead minnow	22/10/2007	Baylor Pond-1	49.78013	97.15348	15/11/2007	0.5	41	39	33		M	Mature	0.002	0.00142	0.003
FHAMV-93	Fathead minnow	22/10/2007	Baylor Pond-1	49.78013	97.15348	15/11/2007	2.1	58	55	48		F	Mature	0.215	0.06812	0.006
FHAMV-94	Fathead minnow	22/10/2007	Baylor Pond-1	49.78013	97.15348	15/11/2007	0.4	41	37	37		M	Im	0.001	0.01901	0.000
FHAMV-95	Fathead minnow	22/10/2007	Baylor Pond-1	49.78013	97.15348	15/11/2007	0.9	46	43	37		F	Mature	0.021	0.01320	0.000
FHAMV-96	Fathead minnow	22/10/2007	Baylor Pond-1	49.78013	97.15348	15/11/2007	0.7	46	43	41		F	Mature	0.020	0.01214	0.000
FHAMV-97	Fathead minnow	22/10/2007	Baylor Pond-1	49.78013	97.15348	15/11/2007	1.8	57	52	46		F	Mature	0.062	0.03212	0.000
FHAMV-98	Fathead minnow	22/10/2007	Baylor Pond-1	49.78013	97.15348	15/11/2007	0.4	38	35	31		F	Mature	0.031	0.02121	0.000
FHAMV-99	Fathead minnow	22/10/2007	Baylor Pond-1	49.78013	97.15348	15/11/2007	0.3	37	32	29		Unkn	Im		0.00123	0.000
FHAMV-100	Fathead minnow	22/10/2007	Baylor Pond-1	49.78013	97.15348	15/11/2007	0.9	46	43	37		F	Mature	0.005	0.02131	0.001
FHAMV-101	Fathead minnow	22/10/2007	Baylor Pond-1	49.78013	97.15348	15/11/2007	1.4	54	46	39		F	Mature	0.078	0.01236	0.001
FHAMV-102	Fathead minnow	22/10/2007	Baylor Pond-1	49.78013	97.15348	15/11/2007	0.3	36	33	29		M	Mature	0.007	0.00127	0.000
FHAMV-103	Fathead minnow	22/10/2007	Baylor Pond-1	49.78013	97.15348	15/11/2007	1.5	56	52	45		F	Mature	0.081	0.01341	0.023
FHAMV-104	Fathead minnow	22/10/2007	Baylor Pond-1	49.78013	97.15348	15/11/2007	1.9	47	44	39		F	Mature	0.089	0.01923	0.030
FHAMV-105	Fathead minnow	22/10/2007	Baylor Pond-1	49.78013	97.15348	15/11/2007	3.8	79	65	62		M	Mature	0.021	0.02612	0.051
FHAMV-106	Fathead minnow	22/10/2007	Baylor Pond-1	49.78013	97.15348	15/11/2007	2.6	55	51	45		F	Mature	0.038	0.01331	0.000
FHAMV-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
FHAMV-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
FHAMV-109	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	18/11/2007	0.6	44	41	35		M	Juvenile	0.001	0.00938	0.000
FHAMV-110	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	18/11/2007	0.5	38	35	31		F	Mature	0.026	0.01120	0.000
FHAMV-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	0.003
FHAMV-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
FHAMV-113	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	19/11/2007	0.3	38	35	31		M	Mature	0.001	0.01861	0.000
FHAMV-114	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	19/11/2007	0.2	33	29	27		Unkn	Im		0.00111	0.000
FHAMV-115	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	19/11/2007	0.7	42	39	37		M	Mature	0.001	0.00110	0.000
FHAMV-116	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	19/11/2007	0.8	46	43	38		Unkn	Im		0.00132	0.000
FHAMV-117	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	19/11/2007	0.7	45	41	32		F	Mature	0.020	0.02111	0.000
FHAMV-118	Fathead minnow	4/10/2007	Wawanesa	49.59896	99.68317	19/11/2007	1.7	59	53	47		F	Mature	0.145	0.02451	0.000
FHAMV-119	Fathead minnow	9/29/2007	Baylor Pond-11	49.78013	97.15348	20/11/2007	1.8	59	54	47		F	Mature	0.110	0.02862	0.000
FHAMV-120	Fathead minnow	9/29/2007	Baylor Pond-11	49.78013	97.15348	20/11/2007	1.5	54	50	45		F	Mature	0.083	0.03361	0.000
FHAMV-121	Fathead minnow	9/29/2007	Baylor Pond-11	49.78013	97.15348	20/11/2007	0.1	25	23	20		F	Im	0.000	0.00010	0.031
FHAMV-122	Fathead minnow	9/29/2007	Baylor Pond-11	49.78013	97.15348	20/11/2007	2.1	60	56	50		F	Mature	0.101	0.09812	0.061
FHAMV-123	Fathead minnow	9/29/2007	Baylor Pond-11	49.78013	97.15348	20/11/2007	2	58	51	43		F	Mature	0.055	0.02912	0.001
FHAMV-124	Fathead minnow	9/29/2007	Baylor Pond-11	49.78013	97.15348	20/11/2007	1.5	55	51	45		F	Mature	0.059	0.04410	0.003
FHAMV-125	Fathead minnow	9/29/2007	Baylor Pond-11	49.78013	97.15348	20/11/2007	0.4	39	36	32		F	Mature	0.029	0.01181	0.000
FHAMV-126	Fathead minnow	9/29/2007	Baylor Pond-11	49.78013	97.15348	20/11/2007	0.2	30	27	25		F	Juvenile	0.001	0.01230	0.000
FHAMV-127	Fathead minnow	9/29/2007	Baylor Pond-11	49.78013	97.15348	20/11/2007	0.7	37	33	30		F	Mature	0.021	0.02113	0.002
FHAMV-128	Fathead minnow	9/29/2007	Baylor Pond-11	49.78013	97.15348	20/11/2007	1.5	57	52	46		F	Mature	0.066	0.02113	0.002
FHAMV-129	Fathead minnow	9/29/2007	Baylor Pond-11	49.78013	97.15348	21/11/2007	0.8	38	34	31		M	Mature	0.005	0.01310	0.000
FHAMV-130	Fathead minnow	9/29/2007	Baylor Pond-11	49.78013	97.15348	21/11/2007	1.1	50.5	48	42		M	Mature	0.009	0.02213	0.000
FHAMV-131	Fathead minnow	9/29/2007	Baylor Pond-11	49.78013	97.15348	21/11/2007	1.8	58	54	48		M	Mature	0.009	0.03186	0.003
FHAMV-132	Fathead minnow	9/29/2007	Baylor Pond-11	49.78013	97.15348	21/11/2007	1.8	58	54	48		M	Mature	0.009	0.03186	0.003

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FHAMW-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	0.00866	0.006
FHAMW-134	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	21/11/2007	2.7	66	58	52		F	Mature	0.199	0.02060	0.066
FHAMW-135	Fathead minnow	9/29/2007	Baylor Pond- II	49.78013	97.15348	21/11/2007	0.4	36	34	31		F	Mature	0.056	0.02310	0.000
FHAMW-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
FHAMW-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
FHAMW-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
FHAMW-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
FHAMW-140	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
FHAMW-141	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
FHAMW-142	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
FHAMW-143	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
FHAMW-144	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
FHAMW-145	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
FHAMW-146	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
FHAMW-147	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
FHAMW-148	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	22/11/2007	0.2	35	31	28		M	Mature	0.001	0.00251	0.000
FHAMW-149	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	22/11/2007	0.1	27	25	22		F	Mature	0.001	0.00121	0.000
FHAMW-150	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	22/11/2007	0.3	36	32	30		F	Mature	0.009	0.00681	0.000
FHAMW-151	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	22/11/2007	0.2	31	28	26		F	Mature	0.012	0.00681	0.000
FHAMW-152	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	22/11/2007	0.1	25	22	20		F	Mature	0.004	0.00681	0.000
FHAMW-153	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	22/11/2007	0.1	24	21	20		F	Im		0.00019	0.000
FHAMW-154	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	22/11/2007	0.2	25	22	20		F	Im		0.00112	0.000
FHAMW-155	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	22/11/2007	0.3	36	32	30		F	Mature	0.009	0.00688	0.000
FHAMW-156	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	22/11/2007	0.3	34	31	18		F	Juvenile	0.002	0.00305	0.000
FHAMW-157	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	22/11/2007	0.1	23	21	18		F	Juvenile	0.002	0.00223	0.000
FHAMW-158	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	22/11/2007	0.3	34	31	28		M	Im		0.01210	0.001
FHAMW-159	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	22/11/2007	0.4	36	32	30		M	Mature	0.021	0.01210	0.001
FHAMW-160	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	22/11/2007	0.1	26	23	21		F	Im		0.00448	0.001
FHAMW-161	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	22/11/2007	0.3	35	33	28		F	Mature	0.002	0.00448	0.001
FHAMW-162	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	22/11/2007	0.3	36	33	29		F	Mature	0.014	0.00561	0.000
FHAMW-163	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	22/11/2007	0.4	39	36	31		F	Mature	0.037	0.01128	0.000
FHAMW-164	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	22/11/2007	0.1	28	27	24		Unkn	Im	0.039	0.00205	0.000
FHAMW-165	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	22/11/2007	0.1	29	26	23		F	Juvenile	0.000	0.00160	0.000
FHAMW-166	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	22/11/2007	0.8	46	42	37		F	Mature	0.086	0.00312	0.000
FHAMW-167	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	22/11/2007	0.4	42	38	34		M	Mature	0.003	0.00560	0.001
FHAMW-168	Fathead minnow	5/10/2007	Bentbird Lake/View	49.23041	96.61962	25/11/2007	0.3	41	37	34		M	Mature	0.002	0.00412	0.063
FHAMW-169	Fathead minnow	9/10/2007	Wawanessa/Souns	49.59896	99.68317	25/11/2007	0.3	38	34	30		M	Mature	0.007	0.00310	0.000
FHAMW-170	Fathead minnow	9/10/2007	Wawanessa/Souns	49.59896	99.68317	26/11/2007	0.5	40	37	32		M	Mature	0.006	0.01106	0.000
FHAMW-171	Fathead minnow	4/11/2007	Wawanessa	49.59896	99.68317	26/11/2007	1/0/1900	43	40	35		M	Mature	0.011	0.05862	0.001
FHAMW-172	Fathead minnow	4/11/2007	Wawanessa	49.59896	99.68317	26/11/2007	0.9	51	48	41		M	Mature	0.023	0.02813	0.069
FHAMW-173	Fathead minnow	4/12/2007	Wawanessa	49.59896	99.68317	26/11/2007	1	49	45	40		M	Mature			
FHAMW-174	Fathead minnow	4/13/2007	Wawanessa	49.59896	99.68317	26/11/2007						M	Mature			
FHAMW-175	Fathead minnow	4/13/2007	Wawanessa	49.59896	99.68317	26/11/2007						M	Mature			

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FHAMW-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
FHAMW-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
FHAMW-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
FHAMW-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
FHAMW-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
FHAMW-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
FHAMW-182	Fathead minnow	22/10/2007	Merson	49.00011	97.23022	27/11/2007	0.4	39	36	31		M	Mature	0.002	0.02310	0.002
FHAMW-183	Fathead minnow	22/10/2007	Merson (Red Riv	49.00011	97.23022	27/11/2007	0.8	47	43	37		F	Mature	0.052	0.02106	0.000
FHAMW-184	Fathead minnow	22/10/2007	Merson (Red Riv	49.00011	97.23022	27/11/2007	0.2	35	32	29		F	Mature	0.069	0.03310	0.000
FHAMW-185	Fathead minnow	22/10/2007	Merson (Red Riv	49.00011	97.23022	27/11/2007	0.3	37	33	30		F	Mature	0.006	0.00582	0.000
FHAMW-186	Fathead minnow	22/10/2007	Merson (Red Riv	49.00011	97.23022	27/11/2007	0.7	56	42	32		F	Mature	0.065	0.01089	0.002
FHAMW-187	Fathead minnow	22/10/2007	Merson (Red Riv	49.00011	97.23022	27/11/2007	0.4	42	37	34		M	Mature	0.028	0.01112	0.000
FHAMW-188	Fathead minnow	22/10/2007	Merson (Red Riv	49.00011	97.23022	27/11/2007	0.4	40	37	33		F	Mature	0.049	0.02210	0.009
FHAMW-189	Fathead minnow	22/10/2007	Merson (Red Riv	49.00011	97.23022	27/11/2007	0.7	45	41	37		M	Mature	0.011	0.02106	0.004
FHAMW-190	Fathead minnow	22/10/2007	Merson (Red Riv	49.00011	97.23022	27/11/2007	0.5	41	37	34		F	Mature	0.002	0.03221	0.000
FHAMW-191	Fathead minnow	22/10/2007	Merson (Red Riv	49.00011	97.23022	27/11/2007	0.3	39	36	31		F	Mature	0.007	0.00183	0.000
FHAMW-192	Fathead minnow	22/10/2007	Merson (Red Riv	49.00011	97.23022	27/11/2007	0.7	43	40	36		M	Mature	0.002	0.02220	0.006
FHAMW-193	Fathead minnow	22/10/2007	Merson (Red Riv	49.00011	97.23022	27/11/2007	0.9	47	43	39		F	Mature	0.046	0.02210	0.007
FHAMW-194	Fathead minnow	25/09/07	Baylor Pond-1	49.78013	97.15348	28/11/2007	0.6	41	38	34		M	Mature	0.047	0.02112	0.002
FHAMW-195	Fathead minnow	25/09/07	Baylor Pond-1	49.78013	97.15348	28/11/2007	3.7	67	60	54		M	Mature	0.090	0.07819	0.003
FHAMW-196	Fathead minnow	25/09/07	Baylor Pond-1	49.78013	97.15348	28/11/2007	0.3	53	49	44		F	Mature	0.059	0.05310	0.004
FHAMW-197	Fathead minnow	25/09/07	Baylor Pond-1	49.78013	97.15348	28/11/2007	1.7	56	52	48		M	Mature	0.022	0.02101	0.021
FHAMW-198	Fathead minnow	25/09/07	Baylor Pond-1	49.78013	97.15348	28/11/2007	1.9	46	42	33		M	Mature	0.036	0.03210	0.032
FHAMW-199	Fathead minnow	25/09/07	Baylor Pond-1	49.78013	97.15348	28/11/2007	2.7	62	55	49		F	Mature	0.201	0.01201	0.089
FHAMW-200	Fathead minnow	25/09/07	Baylor Pond-1	49.78013	97.15348	28/11/2007	0.5	36	33	31		F	Mature	0.036	0.02210	0.002
FHAMW-201	Fathead minnow	25/09/07	Baylor Pond-1	49.78013	97.15348	28/11/2007	3.2	64	58	52		M	Mature	0.089	0.09121	0.221
FHAMW-202	Fathead minnow	25/09/07	Baylor Pond-1	49.78013	97.15348	28/11/2007	0.8	37	34	30		F	Mature	0.039	0.00321	0.000
FHAMW-203	Fathead minnow	25/09/07	Baylor Pond-1	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 Riv	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 Riv	49.00011	97.23022	28/11/2007	1.7	69	63	55		Unkn				
EMSH-206	Emerald Shinner	22/10/07	Merson (Red Riv	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	0.03561	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	0.6	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	0.036	0.01826	0.006
EMSH-216	Emerald Shinner	23/10/07	Selkirk	50.15042	96.85757	29/11/2007	1.3	80	66	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	0.04281	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 Shiner	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 Shiner	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 Shiner	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 Shiner	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 Shiner	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 Shiner	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 Shiner	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 Shiner	23/10/07	Selkirk	50.15042	96.85757	30/11/2007	2.2	73	64	59		M	Mature	0.007	0.03218	0.006
EMSH-228	Emerald Shiner	23/10/07	Selkirk	50.15042	96.85757	30/11/2007	4.3	85	76	70		F	Mature	0.312	0.51060	0.106
EMSH-229	Emerald Shiner	25/09/07	Selkirk	49.78013	97.15348	21/12/2007	1.2	49	44	40		F	Mature	0.041	0.00862	0.000
EMSH-230	Emerald Shiner	25/09/07	Baylor Pond-1	49.78013	97.15348	21/12/2007	3.4	69	63	59		M	Mature	0.006	0.02206	0.009
EMSH-231	Emerald Shiner	25/09/07	Baylor Pond-1	49.78013	97.15348	21/12/2007	1.4	54	48	44		Unkn	Im		0.02311	0.003
EMSH-232	Emerald Shiner	25/09/07	Baylor Pond-1	49.78013	97.15348	21/12/2007	2.6	68	60	57		F	Mature	0.056	0.02310	0.004
EMSH-233	Emerald Shiner	25/09/07	Baylor Pond-1	49.78013	97.15348	21/12/2007	2.3	65	60	56		F	Mature	0.068	0.04481	0.001
EMSH-234	Emerald Shiner	25/09/07	Baylor Pond-1	49.78013	97.15348	21/12/2007	0.2	32	29	27		M	Juvenile	0.000	0.00231	0.000
EMSH-235	Emerald Shiner	25/09/07	Baylor Pond-1	49.78013	97.15348	21/12/2007	0.3	33	30	27		Unkn	Im		0.00113	0.001
EMSH-236	Emerald Shiner	25/09/07	Baylor Pond-1	49.78013	97.15348	21/12/2007	2.7	70	65	60		M	Mature	0.001	0.06612	0.003
EMSH-237	Emerald Shiner	25/09/07	Baylor Pond-1	49.78013	97.15348	21/12/2007	0.6	43	39	36		M	Mature	0.001	0.00123	0.002
EMSH-238	Emerald Shiner	25/09/07	Baylor Pond-1	49.78013	97.15348	21/12/2007	0.3	36	32	28		F	Mature	0.003	0.00426	0.002
EMSH-239	Emerald Shiner	25/09/07	Baylor Pond-1	49.78013	96.85757	21/12/2007	2.9	82	77	65		Unkn	Juvenile		0.03899	0.002
EMSH-240	Emerald Shiner	22/10/07	Selkirk	50.15042	96.85757	21/12/2007	2.9	82	77	65		M	Mature	0.002	0.03666	0.002
EMSH-241	Emerald Shiner	22/10/07	Selkirk	50.15042	96.85757	21/12/2007	2.4	73	65	60		F	Mature	0.022	0.03316	0.004
EMSH-242	Emerald Shiner	22/10/07	Selkirk	50.15042	96.85757	21/12/2007	2.1	71	65	55		F	Mature	0.001	0.00386	0.001
EMSH-243	Emerald Shiner	22/10/07	Selkirk	50.15042	96.85757	21/12/2007	2.1	68	62	57		F	Mature	0.021	0.04281	0.003
EMSH-244	Emerald Shiner	22/10/07	Selkirk	50.15042	96.85757	21/12/2007	3.2	75	68	60		M	Mature	0.002	0.02161	0.001
EMSH-245	Emerald Shiner	22/10/07	Selkirk	50.15042	96.85757	21/12/2007	0.4	37	32	30		Unkn	Im		0.00113	0.002
EMSH-246	Emerald Shiner	22/10/07	Selkirk	50.15042	96.85757	21/12/2007	2.4	72	66	59		M	Mature	0.007	0.04289	0.001
EMSH-247	Emerald Shiner	22/10/07	Selkirk	50.15042	96.85757	21/12/2007	2.2	71	63	56		M	Mature	0.002	0.03106	0.002
EMSH-248	Emerald Shiner	22/10/07	Selkirk	50.15042	96.85757	21/12/2007	0.6	46	42	37		M	Juvenile		0.02210	0.002
EMSH-249	Emerald Shiner	22/10/07	Selkirk	50.15042	96.85757	21/12/2007	0.7	44	40	35		Unkn	Im		0.00114	0.001
EMSH-250	Emerald Shiner	22/10/07	Selkirk	50.15042	96.85757	21/12/2007	2.8	76	66	60		M	Juvenile	0.001	0.00631	0.000
EMSH-251	Emerald Shiner	22/10/07	Selkirk	50.15042	96.85757	21/12/2007	2.8	77	66	60		M	Mature	0.007	0.04103	0.003
EMSH-252	Emerald Shiner	22/10/07	Selkirk	50.15042	96.85757	21/12/2007	2.8	75	67	60		M	Mature	0.009	0.03126	0.001
EMSH-253	Emerald Shiner	22/10/07	Selkirk	50.15042	96.85757	21/12/2007	1.4	67	57	47		F	Mature	0.013	0.02781	0.002
EMSH-254	Emerald Shiner	22/10/07	Selkirk	50.15042	96.85757	21/12/2007	2.7	71	66	60		F	Mature	0.062	0.06613	0.002
EMSH-255	Emerald Shiner	22/10/07	Selkirk	50.15042	96.85757	21/12/2007	2	68	62	55		M	Mature	0.002	0.00662	0.001
EMSH-256	Emerald Shiner	22/10/07	Selkirk	50.15042	96.85757	21/12/2007	3.1	80	70	65		F	Mature	0.033	0.04812	0.002
EMSH-257	Emerald Shiner	22/10/07	Selkirk	50.15042	96.85757	21/12/2007	2.2	68	58	53		M	Im		0.00113	0.000
EMSH-258	Emerald Shiner	22/10/07	Selkirk	50.15042	96.85757	21/12/2007	0.5	42	37	35						
EMSH-259	Emerald Shiner	22/10/07	Selkirk	50.15042	96.85757	21/12/2007	2.6	71	64	56		F	Mature	0.011	0.04210	0.009
EMSH-260	Emerald Shiner	22/10/07	Selkirk	50.15042	96.85757	21/12/2007	2.1	69	64	60		M	Mature	0.002	0.02816	0.001
EMSH-261	Emerald Shiner	22/10/07	Selkirk	50.15042	96.85757	21/12/2007	1.8	66	61	54		F	Mature	0.004	0.00628	0.000
EMSH-262	Emerald Shiner	22/10/07	Selkirk	50.15042	96.85757	21/12/2007	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	96.86757	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	96.86757	5/12/2007	2.6	76	68	60		M	Mature	0.001	0.03921	0.000
EMSH-266	Emerald Shinner	22/10/07	Selkirk	50.15042	96.86757	6/12/2007	1.2	56	50	45		Unkn	Im	0.002	0.02234	0.000
EMSH-267	Emerald Shinner	22/10/07	Selkirk	50.15042	96.86757	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	96.86757	5/12/2007	2.1	67	61	56		M	Mature	0.002	0.02831	0.001
EMSH-269	Emerald Shinner	22/10/07	Selkirk	50.15042	96.86757	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	96.86757	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	96.86757	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	96.86757	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	96.86757	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	96.86757	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	96.86757	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	96.86757	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	96.86757	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	96.86757	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	96.86757	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	96.86757	6/12/2007	2.8	72	65	62		F	Mature	0.012	0.03128	0.028
EMSH-281	Emerald Shinner	22/10/07	Selkirk	50.15042	96.86757	6/12/2007	2.3	71	64	60		M	Mature	0.001	0.02180	0.001
EMSH-282	Common Shinner	9/10/2007	Wawanesa/Souns	49.59896	99.68317	6/12/2007	24	120	100	90		M	Mature	0.400	0.60000	0.012
EMSH-283	Common Shinner	9/10/2007	Wawanesa/Souns	49.59896	99.68317	6/12/2007	12.1	105	95	80		M	Mature	0.200	0.50000	0.090
EMSH-284	Common Shinner	9/10/2007	Wawanesa/Souns	49.59896	99.68317	6/12/2007	21	115	96	90		M	Mature	0.480	0.80000	0.100
EMSH-285	Common Shinner	9/10/2007	Wawanesa/Souns	49.59896	99.68317	6/12/2007	11.7	110	105	90		M	Mature	0.542	0.48000	0.089
EMSH-286	Common Shinner	9/10/2007	Wawanesa/Souns	49.59896	99.68317	6/12/2007	8	106	90	80		F	Mature	0.661	0.48000	0.067
EMSH-287	Common Shinner	9/10/2007	Wawanesa/Souns	49.59896	99.68317	7/12/2007	7	91	85	75		F	Mature	0.300	0.48000	0.164
EMSH-288	Common Shinner	9/10/2007	Wawanesa/Souns	49.59896	99.68317	7/12/2007	9	93	84	75		F	Mature	0.350	0.60000	0.213
EMSH-289	Common Shinner	9/10/2007	Wawanesa/Souns	49.59896	99.68317	7/12/2007	2.2	68	51	46		Unkn	Im		0.03210	0.000
EMSH-290	Common Shinner	9/10/2007	Wawanesa/Souns	49.59896	99.68317	9/12/2007	7	97	90	80		F	Mature	0.3	0.40000	0.022
EMSH-291	Common Shinner	9/10/2007	Wawanesa/Souns	49.59896	99.68317	9/12/2007	0.3	54	48	45		Unkn	Im		0.01401	0.000
EMSH-292	Common Shinner	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
EMSH-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
EMSH-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	0.02210	0.000
EMSH-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
EMSH-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
EMSH-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
EMSH-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
EMSH-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
EMSH-300	Fathead minnow	22/10/2007	Baylor Pond- II	49.78013	97.15348	9/12/2007	0.2	31	28	26		F	Mature	0.002	0.01213	0.000