

Edsall, Thomas A., Michael T. Bur, Owen T. Gorman, and Jeffrey S. Schaeffer. 2005. Burrowing mayflies as indicators of ecosystem health: status of populations in western Lake Erie, Saginaw Bay, and Green Bay. Aquatic Ecosystem Health and Management 8(2): 107-116. Contribution 1276 of the USGS Great Lakes Science Center.

Appendix I. Station location, water depth, and substrate type by waterbody. Unpublished document, Great Lakes Science Center. 3pp.

APPENDIX 1. STATION LOCATION, WATER DEPTH, AND SUBSTRATE TYPE BY WATERBODY (SOURCE: EDSALL ET AL., 2005).					
WATERBODY	STATION	LATITUDE	LONGITUDE	WATER DEPTH (M)	SUBSTRATE TYPE *
WESTERN LAKE ERIE	1	42 00.486	83 09.177	5.1	CS
	2	41 56.330	83 12.171	7.3	M
	3	41 58.117	83 09.111	6.4	M
	4	41 58.042	83 04.097	7.9	M
	5	41 58.066	82 58.091	8.6	M
	6	41 58.004	82 52.101	9.3	M
	7	41 58.043	82 46.067	10.9	M
	8	41 58.056	82 39.081	9.8	M
	9	41 56.066	82 35.067	9.3	M
	10	41 52.693	83 17.914	5.6	FS,M
	11	41 54.677	83 15.154	6.9	M
	12	41 53.045	83 07.836	8.9	FS,M
	13	41 55.045	83 02.333	9.3	M
	14	41 53.667	82 59.181	10.6	C
	15	41 52.062	82 49.101	11.2	M
	16	41 54.010	82 46.026	7.7	M
	17	41 54.110	82 39.008	10.5	M
	18	41 54.411	82 33.011	8.5	FS
	19	41 50.657	83 21.176	4.7	FS
	20	41 47.888	83 13.746	4.9	M
	21	41 49.120	83 10.831	7.4	FS
	22	41 49.113	83 04.081	9.5	M
	23	41 49.611	82 58.223	10.3	M
	24	41 49.033	82 52.022	10.1	M
	25	41 49.022	82 46.091	9.1	M
	26	41 50.512	82 40.113	10.4	M,CS
	27	41 48.777	82 33.867	9.9	M,FS
	28	41 42.834	83 25.513	1.6	M
	29	41 45.346	83 19.143	4.9	CS
	30	41 45.396	83 13.469	7.6	M
	31	41 45.010	83 06.241	9.4	M
	32	41 44.120	83 04.089	8.8	M
	33	41 44.061	82 58.061	9.7	M
	34	41 44.131	82 52.002	9.8	M
	35	41 44.020	82 46.132	9.7	M
	36	41 43.561	82 38.556	6.4	FS
	37	41 40.483	83 12.224	6.3	CS
	38	41 39.124	83 09.113	5.3	CS
	39	41 41.222	83 02.391	8.7	M
	40	41 39.123	82 58.111	9.5	CS
	41	41 40.115	82 50.516	9.1	M
	42	41 41.560	82 46.036	9.2	M
	43	41 40.012	82 40.026	11.1	M
	44	41 36.118	83 02.542	4.4	FS
	45	41 38.439	82 56.444	8.1	M
	46	41 36.555	82 51.861	8.1	M

	47	41 34.361	82 43.776	9.6	M
	48	41 37.831	82 40.902	13.4	M,FS
	49	41 32.923	82 55.136	5.5	CS
SAGINAW BAY	1	44 01.211	83 34.416	9.5	FS
LAKE HURON	2	44 00.029	83 33.010	10.4	FS
	3	44 00.000	83 23.045	5.8	FS,R
	4	43 56.013	83 47.956	5.5	M
	5	43 56.879	83 43.762	4	FS
	6	43 56.000	83 36.970	12.2	M
	7	43 57.603	83 29.260	2.1	FS
	8	43 55.476	83 26.110	1.5	FS
	9	43 57.009	83 20.003	5.5	FS
	10	43 52.444	83 52.473	2.1	FS,C
	11	43 53.010	83 49.489	3	FS,R
	12	43 51.993	83 41.786	7.9	M
	13	43 51.998	83 35.366	5.8	FS
	14	43 51.995	83 29.020	3	M
	15	43 53.103	83 23.306	2.1	M
	16	43 47.479	83 53.000	4	FS
	17	43 48.009	83 49.974	6.7	M
	18	43 47.718	83 44.529	7	M
	19	43 48.016	83 38.987	7	FS
	20	43 49.294	83 30.776	4	FS
	21	43 53.176	83 53.626	4.6	FS
	22	43 43.392	83 48.881	4.6	FS
	23	43 45.597	83 42.019	7	FS
	24	43 43.195	83 35.627	4.3	FS
	25	43 44.014	83 33.014	3	CS,G
	26	43 40.001	83 47.995	3.4	R
	27	43 40.000	83 40.973	2.1	CS,G
	28	43 39.002	83 39.051	3.4	S,R
GREEN BAY	1	45 47.000	86 38.400	12.2	M,FS
LAKE MICHIGAN	2	45 45.800	87 02.250	2.8	M
	3	45 44.100	86 48.000	14.6	M,FS
	4	45 42.600	86 41.250	12.8	M,FS
	5	45 37.650	87 05.650	5.5	CS
	6	45 40.819	87 01.458	19.8	M
	7	45 40.301	86 44.250	12.8	S
	8	45 40.333	86 44.207	16.5	M,FS
	9	45 34.994	87 10.393	12.5	M
	10	45 34.485	87 06.305	11.9	CS
	11	45 33.921	86 58.918	10.4	CS
	12	45 32.898	86 55.993	12.8	CS
	13			>20	
	14	45 31.010	87 15.901	12.5	CS
	15			>20	
	16			>20	
	17	45 28.010	86 15.999	>20	

	18	45 25.401	87 18.210	31.1	CS
	19			>20	
	20			>20	
	21			>20	
	22	45 20.498	87 22.604	15.9	M
	23	45 20.203	87 11.801	10.1	CS
	24			>20	
	25	45 21.297	86 57.828	13.3	R
	26	45 17.121	87 25.287	31.1	S,M
	27			>20	
	28			>20	
	29	45 15.400	87 04.703	8.2	S,M
	30	45 13.000	87 29.300	14	M
	31	45 12.257	87 18.386	10.4	CS
	32	45 10.130	87 15.078	10.4	S,M
	33	45 06.343	87 33.500	12.8	M
	34			>20	
	35	45 08.767	87 19.172	7.6	CS
	36	45 03.055	87 34.806	7.9	CS
	37	45 02.727	87 29.194	13.7	CS,M
	38	45 02.937	87 17.414	9.8	S,M
	39	44 56.800	87 39.400	7.6	CS
	40	44 59.212	87 35.625	8.2	FS
	41	44 56.973	87 23.991	10.7	R
	42	44 53.652	87 47.008	12.2	M
	43	44 56.416	87 41.714	11.6	CS
	44	44 57.369	87 34.525	13.1	M,G
	45	44 53.517	87 24.838	13.7	M
	46	44 47.149	87 50.554	7.9	FS
	47	44 48.944	87 46.069	15.3	M
	48	44 49.575	87 38.220	12.1	M
	49	44 43.850	87 52.937	8.2	FS
	50	44 42.484	87 44.527	8.2	M,S
	51	44 39.349	87 34.806	13.4	M
	52	44 40.508	87 51.235	7.9	M
	53	44 40.297	87 48.971	7.9	M
	54	44 35.670	87 56.568	5.5	M
	54.1	44 33.200	87 57.343	2.8	M
	54.2	44 35.171	87 59.250	2.4	M
	54.3	44 36.687	87 58.400	3	S
	55	44 35.854	87 55.477	4.9	M
	55.1	44 33.801	87 54.978	2.4	M

* R = ROCK, G = GRAVEL, S = SAND, CS = COARSE SAND,
FS = FINE SAND, C = CLAY, M = MUD