APPENDIX M

Collections of Emergent Macrophytes

EMERGENT MACROPHYTE [redacted] DATA, JUNE, 1983

NOTE: 1. (-) INDICATES MISSING DATA
2. TRACE = LESS THAN 0.001 G/M2

RIVER	ISLAND	BLOCK NO.	REPLICATE NO.	LORAN COORDINATES UPPER	LORAN COORDINATES LOWER	DEPTH (FT.)	MACROPHYTE TAXON	DRY WEIGHT (G/M2)	ASH-FREE WEIGHT (G/M2)	LIGHT(FOOT CANDLES) SURFACE	LIGHT(FOOT CANDLES) BOTTOM	CURRENT(FT./SEC.) SURFACE	CURRENT(FT./SEC.) BOTTOM
DETROIT	STONY	8	4	314234	500995	2.0	TYPHA ANGUSTIFOL	213.4	210.6	1700	-	0.1	-
			5	314234	500996	2.0	TYPHA ANGUSTIFOL	230.3	205.2	1700	-	0.1	-
			6	314234	500996	2.0	TYPHA ANGUSTIFOL	263.3	245.5	1700	-	0.1	-
		10	4	314246	501004	1.5	TYPHA ANGUSTIFOL	532.3	440.9	2400	-	0.1	-
			5	314246	501003	1.5	TYPHA ANGUSTIFOL	487.4	448.8	2400	-	0.1	-
			6	314246	501003	1.5	TYPHA ANGUSTIFOL	783.8	635.0	2400	-	0.1	-
			7	314249	501007	1.0	SPARG. EURYCARP	114.5	62.0	2500	-	0.2	-
			8	314249	501007	1.0	SPARG. EURYCARP	120.3	64.6	2500	-	0.2	-
			9	314249	501007	1.0	SPARG. EURYCARP	111.9	102.6	2500	-	0.2	-

EMERGENT MACROPHYTE [redacted] DATA, JULY-AUGUST, 1983

NOTE: 1. (-) INDICATES MISSING DATA
2. TRACE = LESS THAN 0.001 G/M2

RIVER	ISLAND	BLOCK NO.	REPLICATE NO.	LORAN COORDINATES UPPER	LORAN COORDINATES LOWER	DEPTH (FT.)	MACROPHYTE TAXON	DRY WEIGHT (G/M2)	ASH-FREE WEIGHT (G/M2)	LIGHT(FOOT CANDLES) SURFACE	LIGHT(FOOT CANDLES) BOTTOM	CURRENT(FT./SEC.) SURFACE	CURRENT(FT./SEC.) BOTTOM
ST. CLAIR	FAWN	7	4	309584	498268	2.0	SCIRPUS ACUTIS	222.2	203.4	3000	200	0.2	0.0
			5	309584	498268	2.0	SCIRPUS ACUTIS	286.1	271.0	3000	200	0.2	0.0
			6	309584	498268	2.0	SCIRPUS ACUTIS	283.1	263.5	3000	200	0.2	0.0
DETROIT	STONY	8	4	0	0	2.0	TYPHA ANGUSTIFOL	1609.9	1271.3	2100	1500	0.3	-
			5	0	0	2.0	TYPHA ANGUSTIFOL	2968.9	2632.3	2100	1500	0.3	-
			6	0	0	2.0	TYPHA ANGUSTIFOL	1810.2	1470.1	2100	1500	0.3	-
		10	4	0	0	0.5	SPARG. EURYCARP	227.4	164.7	1000	-	0.1	-
			5	0	0	0.5	SPARG. EURYCARP	197.0	164.2	1000	-	0.1	-
			6	0	0	0.5	SPARG. EURYCARP	450.6	388.8	1000	-	0.1	-
			7	0	0	0.5	SAG.LATIFOLIA	35.6	30.9	1100	-	0.1	-
							SCIRPUS FLUVIATI	854.1	602.5				
			8	0	0	0.5	SAG.LATIFOLIA	5.5	4.6	1100	-	0.1	-
							SCIRPUS FLUVIATI	936.6	693.3				
							PHAL. ARUNDINACE	29.6	26.8				
			9	0	0	0.5	SAG.LATIFOLIA	11.3	9.7	1100	-	0.1	-
							SCIRPUS FLUVIATI	1106.8	898.8				
			10	0	0	1.0	SCIRPUS AMERICAN	207.0	190.2	2300	-	0.3	-
							SCIRPUS ACUTIS	2.8	2.5				
			11	0	0	1.0	E. SMALII	38.2	34.8	2300	-	0.3	-
							SCIRPUS AMERICAN	184.4	144.6				
			12	0	0	1.0	E. SMALII	36.2	33.7	2300	-	0.3	-
							SAG.LATIFOLIA	1.0	0.9				
							SCIRPUS AMERICAN	307.5	279.6				

EMERGENT MACROPHYTE [redacted] DATA, SEPTEMBER, 1983

NOTE: 1. (-) INDICATES MISSING DATA
2. TRACE = LESS THAN 0.001 G/M2

RIVER	ISLAND	BLOCK NO.	REPLICATE NO.	LORAN COORDINATES UPPER	LORAN COORDINATES LOWER	DEPTH (FT.)	MACROPHYTE TAXON	DRY WEIGHT (G/M2)	ASH-FREE WEIGHT (G/M2)	LIGHT(FOOT CANDLES) SURFACE	LIGHT(FOOT CANDLES) BOTTOM	CURRENT(FT./SEC.) SURFACE	CURRENT(FT./SEC.) BOTTOM
ST. CLAIR	FAWN	7	7	309584	498268	2.0	SCIRPUS ACUTIS	317.6	292.0	2000	-	0.1	-
			8	309584	498268	2.0	SCIRPUS ACUTIS	394.1	270.4	2000	-	0.1	-
			9	309584	498268	2.0	SCIRPUS ACUTIS	317.7	296.5	2000	-	0.1	-
DETROIT	STONY	10	4	314241	500998	1.0	TYPHA ANGUSTIFOL	628.7	580.2	450	-	0.0	-
			5	314241	500998	1.0	TYPHA ANGUSTIFOL	658.1	616.3	450	-	0.0	-
			6	314241	500998	1.0	TYPHA ANGUSTIFOL	656.1	496.7	450	-	0.0	-
			7	314240	500997	1.0	SPARG. EURYCARP	111.1	79.2	650	-	0.0	-
			8	314240	500997	1.0	SPARG. EURYCARP	161.6	95.5	650	-	0.0	-
			9	314240	500997	1.0	SPARG. EURYCARP	108.6	77.7	650	-	0.0	-
			10	314239	500997	1.0	SCIRPUS AMERICAN	147.0	111.6	600	-	0.1	-
							SCIRPUS VALIDUS	10.4	9.4				
			11	314239	500997	1.0	SCIRPUS AMERICAN	67.7	54.3	600	-	0.1	-
							SCIRPUS VALIDUS	35.0	31.2				
			12	314239	500997	1.0	SCIRPUS AMERICAN	158.6	121.6	600	-	0.1	-
							SCIRPUS VALIDUS	38.5	27.8				
		11	4	314250	501006	1.0	SPARG. EURYCARP	243.5	151.9	500	-	0.0	-
			5	314250	501006	1.0	SPARG. EURYCARP	219.4	140.9	500	-	0.0	-
			6	314250	501006	1.0	SPARG. EURYCARP	288.3	194.0	500	-	0.0	-

EMERGENT MACROPHYTE [redacted] DATA, JUNE, 1984

NOTE: 1. (-) INDICATES MISSING DATA
2. TRACE = LESS THAN 0.001 G/M2

RIVER	ISLAND	BLOCK NO.	REPLICATE NO.	LORAN COORDINATES UPPER	LORAN COORDINATES LOWER	DEPTH (FT.)	MACROPHYTE TAXON	DRY WEIGHT (G/M2)	ASH-FREE WEIGHT (G/M2)	LIGHT(FOOT CANDLES) SURFACE	LIGHT(FOOT CANDLES) BOTTOM	CURRENT(FT./SEC.) SURFACE	CURRENT(FT./SEC.) BOTTOM
DETROIT	STONY	10	4	314246	501003	2.0	POT. CRISPUS	0.5	0.4	3500	3100	0.0	0.0
							TYPHA ANGUSTIFOL	686.9	601.2				
			5	314246	501003	2.0	TYPHA ANGUSTIFOL	147.1	129.6	3500	3100	0.0	0.0
			6	314246	501003	2.0	TYPHA ANGUSTIFOL	426.1	403.2	3500	3100	0.0	0.0
			7	314242	501000	2.0	SCIRPUS AMERICAN	68.7	54.0	3600	3600	0.2	0.2
							SCIRPUS VALIDUS	23.6	20.8				
							PHAL. ARUNDINACE	13.1	10.8				
			8	314242	501000	2.0	E. CF. ERYTHRO	62.2	50.4	3600	3600	0.2	0.2
							SCIRPUS AMERICAN	80.0	72.0				
							SCIRPUS VALIDUS	61.5	50.4				
			9	314242	501000	2.0	E. CF. ERYTHRO	25.5	15.3	3600	3600	0.2	0.2
							SCIRPUS AMERICAN	141.6	122.4				
							SCIRPUS VALIDUS	26.9	14.6				
							SCIRPUS ACUTIS	17.1	14.0				
							SPARG. EURYCARP	3.0	2.6				
			10	314238	500998	2.0	SAG. RIGIDA	19.5	10.7	3900	2600	0.1	0.0
							SAG. RIGIDA	9.9	6.0				
			11	314238	500998	2.0	ELODEA CANADENS	0.3	0.2	3900	2600	0.1	0.0
							SAG. RIGIDA	14.6	3.6				
							SAG. RIGIDA	33.8	32.4				
			12	314238	500998	2.0	SAG. RIGIDA	27.8	4.7	3900	2600	0.1	0.0
							SAG. RIGIDA	34.3	21.6				
		11	1	314250	501004	2.0	SPARG. EURYCARP	307.6	234.0	3200	3200	0.0	0.0
			2	314250	501004	2.0	SPARG. EURYCARP	203.0	176.4	3200	3200	0.0	0.0
			3	314250	501004	2.0	SPARG. EURYCARP	267.7	237.6	3200	3200	0.0	0.0
			4	314249	501007	2.0	SAG.LATIFOLIA	11.8	3.3	3200	3200	0.0	0.0
			5	314249	501007	2.0	POT. CRISPUS	0.2	0.1	3200	3200	0.0	0.0
							SAG.LATIFOLIA	23.9	14.1				
							SPARG. EURYCARP	1.5	1.3				
			6	314249	501007	2.0	SAG. RIGIDA	28.8	21.6	3200	3200	0.0	0.0
							SPARG. EURYCARP	0.3	0.2				
							SPARG. EURYCARP	39.0	28.4				

EMERGENT MACROPHYTE [redacted] DATA, JULY-AUGUST, 1984

NOTE: 1. (-) INDICATES MISSING DATA
2. TRACE = LESS THAN 0.001 G/M2

RIVER	ISLAND	BLOCK NO.	REPLICATE NO.	LORAN COORDINATES UPPER	LORAN COORDINATES LOWER	DEPTH (FT.)	MACROPHYTE TAXON	DRY WEIGHT (G/M2)	ASH-FREE WEIGHT (G/M2)	LIGHT(FOOT CANDLES) SURFACE	LIGHT(FOOT CANDLES) BOTTOM	CURRENT(FT./SEC.) SURFACE	CURRENT(FT./SEC.) BOTTOM
ST. CLAIR	FAWN	7	7	309583	498272	2.5	SCIRPUS ACUTIS	59.0	50.4	4000	3000	0.7	0.7
			8	309583	498272	2.5	SCIRPUS ACUTIS	101.9	61.2	4000	3000	0.7	0.7
			9	309583	498272	2.5	SCIRPUS ACUTIS	73.9	50.4	4000	3000	0.7	0.7
DETROIT	STONY	10	4	314246	501004	0.5	TYPHA SPP.	1037.0	946.8	2800	2900	0.2	0.1
			5	314246	501004	0.5	TYPHA SPP.	975.4	910.8	2800	2900	0.2	0.1
			6	314246	501004	0.5	TYPHA SPP.	1157.4	1090.8	2800	2900	0.2	0.1
			7	314241	501001	0.5	E. CF. ERYTHRO	6.1	5.2	2900	2900	0.5	0.1
							ELODEA CANADENS	1.1	0.7				
							HETERANTHERA DUB	0.2	0.2				
							MYRIO. SPICATUM	0.6	0.5				
							SCIRPUS AMERICAN	389.0	338.4				
							SCIRPUS VALIDUS	42.9	32.4				
							VALLISNERIA AMER	0.1	0.1				
			8	314241	501001	0.5	E. CF. ERYTHRO	10.8	9.2	2900	2900	0.5	0.1
							ELODEA CANADENS	0.9	0.7				
							MYRIO. SPICATUM	0.6	0.4				
							SCIRPUS AMERICAN	419.4	309.6				
							SCIRPUS VALIDUS	59.2	36.0				
							PHAL. ARUNDINACE	72.3	57.6				
			9	314241	501001	0.5	SAG.LATIFOLIA	16.7	14.5	2900	2900	0.5	0.1
							SCIRPUS AMERICAN	269.9	216.0				
							SCIRPUS VALIDUS	83.8	72.0				
							TYPHA SPP.	27.0	24.6				
							SPARG. EURYCARP	12.4	11.3				

11	1	314248	501008	0.5	ELODEA CANADENS	1.2	0.9	2400	2400	0.1	0.1
					SPARG. EURYCARP	408.3	309.6				
					SPARG. EURYCARP	341.7	302.4				
	2	314248	501008	0.5	ELODEA CANADENS	1.3	0.8	2400	2400	0.1	0.1
					SAG.LATIFOLIA	36.9	25.2				
					SPARG. EURYCARP	685.6	554.4				
	3	314248	501008	0.5	ELODEA CANADENS	0.8	0.5	2400	2400	0.1	0.1
					VALLISNERIA AMER	0.1	0.1				
					SPARG. EURYCARP	715.6	583.2				
	4	314249	501007	0.5	ELODEA CANADENS	2.0	0.9	2900	2900	0.1	0.1
					SAG. RIGIDA	313.4	201.6				
	5	314249	501007	0.5	SAG.LATIFOLIA	110.1	86.4	2900	2900	0.1	0.1
					SAG. RIGIDA	308.1	230.4				
	6	314249	501007	0.5	SAG.LATIFOLIA	48.0	32.4	2900	2900	0.1	0.1
					SAG. RIGIDA	255.5	198.0				

EMERGENT MACROPHYTE [redacted] DATA, SEPTEMBER, 1984

NOTE: 1. (-) INDICATES MISSING DATA
2. TRACE = LESS THAN 0.001 G/M2

RIVER	ISLAND	BLOCK NO.	REPLICATE NO.	LORAN COORDINATES UPPER	LORAN COORDINATES LOWER	DEPTH (FT.)	MACROPHYTE TAXON	DRY WEIGHT (G/M2)	ASH-FREE WEIGHT (G/M2)	LIGHT(FOOT CANDLES) SURFACE	LIGHT(FOOT CANDLES) BOTTOM	CURRENT(FT./SEC.) SURFACE	CURRENT(FT./SEC.) BOTTOM
ST. CLAIR	FAWN	7	4	309585	498271	2.5	SCIRPUS ACUTIS	403.8	291.6	560	430	0.1	0.0
			5	309585	498271	2.5	SCIRPUS ACUTIS	292.3	259.2	560	430	0.1	0.0
			6	309585	498271	2.5	SCIRPUS ACUTIS	115.4	204.9	560	430	0.1	0.0
DETROIT	STONY	10	4	314241	500998	1.0	E. CF. ERYTHRO	0.3	0.2	3400	3400	0.4	0.4
							SCIRPUS AMERICAN	413.6	316.8				
							SCIRPUS VALIDUS	46.9	43.2				
							SCIRPUS FLUVIATI	8.2	7.7				
			5	314241	500998	1.0	E. CF. ERYTHRO	5.7	5.0	3400	3400	0.4	0.4
							SCIRPUS AMERICAN	435.4	331.2				
							SCIRPUS VALIDUS	53.0	44.2				
							SCIRPUS ACUTIS	2.1	1.9				
			6	314241	500998	1.0	SCIRPUS AMERICAN	477.0	356.4	3400	3400	0.4	0.4
							SCIRPUS VALIDUS	6.0	5.8				
			7	314243	501001	1.0	TYPHA ANGUSTIFOL	1196.7	914.4	9000	9000	0.2	0.2
			8	314243	501001	1.0	TYPHA ANGUSTIFOL	2022.3	1573.2	9000	9000	0.2	0.2
			9	314243	501001	1.0	SAG.LATIFOLIA	2.4	2.0	9000	9000	0.2	0.2
							TYPHA ANGUSTIFOL	977.3	763.2				
		11	4	314248	501006	1.0	SPARG. EURYCARP	397.9	297.9	3400	3400	0.0	0.0
			5	314248	501006	1.0	SPARG. EURYCARP	313.1	217.1	3400	3400	0.0	0.0
							SPARG. EURYCARP	338.9	266.4				
			6	314248	501006	1.0	SPARG. EURYCARP	574.5	385.2	3400	3400	0.0	0.0
			7	314248	501006	1.0	SAG. RIGIDA	246.6	165.6	780	780	0.1	0.1
			8	314248	501006	1.0	SAG. RIGIDA	361.9	280.8	780	780	0.1	0.1
			9	314248	501006	1.0	SAG. RIGIDA	325.6	226.8	780	780	0.1	0.1