APPENDIX B

Macrozoobenthos Ponar Grab Data

[Only an example page of Appendix B is reproduced as part of this administrative report. The data are available on request from the Great Lakes Fishery Laboratory.]

APPENDIX B

Macrozoobenthos Ponar Grab Data

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 3/83

ST. CLAIR RIVER TRANSECT 1 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	0	1	0	7
ALL CNIDARIA				7
NEMATODA	0	3	2	34
OLIGOCHAETA				
NAIS	0	0	1	
OTHER	58	72	43	
ALL OLIGOCHAETA				1198
CLADOCERA				
DAPHNIA	1	0	0	7
ALL CLADOCERA				7
COPEPODA				
CYCLOPOIDIDAE	1	0	0	
LIMNOCALANUS	3	0	1	
ALL COPEPODA				34
OSTRACODA	0	1	0	7
AMPHIPODA				
GAMMARUS	0	1	3	
PONTOPOREIA HOYI	35	8	10	
ALL AMPHIPODA				393
TERRESTRIAL INSECT	1	0	0	7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 3/83

TRANSECT 1 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
DIPTERA				
CHIRONOMIDAE	32	35	13	551
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	16	8	4	
SPHAERIUM	0	0	2	
ALL SPHAERIIDAE				207
ALL PELECYPODA				207

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 3/83

ST. CLAIR RIVER TRANSECT 1 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
NEMATODA	5	9	31	310
OLIGOCHAETA	54	73	68	1343
POLYCHAETA				
MANAYUNKIA SPECIOSA	0	3	0	21
ALL POLYCHAETA				21
CLADOCERA				
DAPHNIA	0	1	0	
DAPHNIA PULEX	0	0	2	
ALL CLADOCERA				21
COPEPODA				
DIAPTOMUS	2	2	3	
HARPACTICOIDA	0	0	2	
LIMNOCALANUS	0	2	1	
ALL COPEPODA				83
OSTRACODA	0	3	0	21
AMPHIPODA				
GAMMARUS	1	1	0	
HYALELLA AZTECA	0	0	1	
PONTOPOREIA HOYI	0	4	0	
ALL AMPHIPODA				48

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 3/83

TRANSECT 1 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TERRESTRIAL INSECT	0	1	1	14
DIPTERA				
CHIRONOMIDAE	153	87	139	2610
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	0	1	0	
ALL EPHEMEROPTERA				7
TRICHOPTERA				
LEPTOCERIDAE				
MYSTACIDES	0	0	1	
OECETIS	0	1	0	
ALL TRICHOPTERA				14
GASTROPODA				
AMNICOLA	0	1	1	
ELIMIA LIVESCENS	0	1	3	
ALL GASTROPODA				41
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	4	15	7	
SPHAERIUM	0	0	1	
ALL SPHAERIIDAE				186
ALL PELECYPODA				186

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 3/83

ST. CLAIR RIVER TRANSECT 1 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
FISH				
FISH EGGS	2	0	0	14
ALL FISH				14
CNIDARIA				
HYDRA	0	0	1	7
ALL CNIDARIA				7
RHABDOCOELA	0	0	1	7
NEMATODA	1	31	2	234
OLIGOCHAETA				
NAIS	0	0	2	
OTHER	16	130	56	
ALL OLIGOCHAETA				1405
CLADOCERA				
DAPHNIA	0	0	1	7
ALL CLADOCERA				7
COPEPODA				
DIAPTOMUS	4	5	2	
HARPACTICOIDA	0	1	0	
ALL COPEPODA				83
OSTRACODA	0	0	2	14

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 3/83

TRANSECT 1 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
AMPHIPODA				
GAMMARUS	0	3	15	
PONTOPOREIA HOYI	0	2	1	
ALL AMPHIPODA				145
DIPTERA				
CHIRONOMIDAE	30	110	60	1377
TRICHOPTERA				
LEPTOCERIDAE				
OECETIS	0	0	2	
ALL TRICHOPTERA				14
ACARINA	0	2	2	28
GASTROPODA				
AMNICOLA	2	15	4	
LYMNAEA	0	1	0	
ALL GASTROPODA				152
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	16	13	9	
SPHAERIUM	1	0	0	
ALL SPHAERIIDAE				269
ALL PELECYPODA				269

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 3/83

ST. CLAIR RIVER TRANSECT 2 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
FISH				
FISH EGGS	0	0	1	7
ALL FISH				7
CNIDARIA				
HYDRA	26	10	271	2114
ALL CNIDARIA				2114
RHABDOCOELA	56	40	36	909
NEMATODA	82	101	261	3058
HIRUDINEA				
GLOSSIPHONIIDAE				
HELOBDELLA STAGNALIS	0	1	0	
ALL HIRUDINEA				7
OLIGOCHAETA				
NAIS	8	21	58	
SPIROSPERMA	48	63	124	
OTHER	2400	1808	1192	
ALL OLIGOCHAETA				39405
POLYCHAETA				
MANAYUNKIA SPECIOSA	5	0	0	34
ALL POLYCHAETA				34
CLADOCERA				
DAPHNIA	2	2	1	
DAPHNIA PULEX	0	0	1	
ILYOCRYPTUS	0	0	5	
ALL CLADOCERA				76

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 3/83

TRANSECT 2 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
CYCLOPOIDIDAE	0	0	1	
CYCLOPS BICUSPIDATUS	0	0	1	
CYCLOPS VERNALIS	0	0	1	
DIAPTOMUS	8	2	19	
HARPACTICOIDA	81	40	262	
LIMNOCALANUS	0	0	2	
MACROCYCLOPS	0	0	1	
PARACYCLOPS	0	0	7	
ALL COPEPODA				2927
OSTRACODA	0	0	6	41
AMPHIPODA				
GAMMARUS	11	4	6	
HYALELLA AZTECA	0	2	17	
PONTOPOREIA HOYI	0	1	2	
ALL AMPHIPODA				296
ISOPODA				
ASELLUS	0	0	1	7
ALL ISOPODA				7
TERRESTRIAL INSECT	0	0	1	7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 3/83

TRANSECT 2 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
DIPTERA				
CERATOPOGONIDAE	0	0	2	
CHIRONOMIDAE	508	473	546	10516
EMPIDIDAE	1	0	4	
PSYCHODIDAE	0	0	1	
ALL DIPTERA				10571
EPHEMEROPTERA				
EPHEMEROPTERA	0	0	2	
CAENIDAE				
CAENIS	2	1	1	
EPHEMERIDAE				
HEXAGENIA	3	1	2	
EPHEMERELLIDAE				
EPHEMERELLA	0	1	7	
BAETISCIDAE				
BAETISCA	0	1	0	
HEPTAGENIIDAE				
STENONEMA	0	0	2	
ALL EPHEMEROPTERA				158
COLEOPTERA				
ELMIDAE				
DUBIRAPHIA	0	0	2	
ALL COLEOPTERA				14
LEPIDOPTERA	3	4	7	96

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 3/83

TRANSECT 2 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TRICHOPTERA				
BRACHYCENTRIDAE				
BRACHYCENTRUS	0	1	0	
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	0	0	15	
HYDROPSYCHE	0	0	6	
LEPTOCERIDAE				
OECETIS	0	1	0	
SETODES	0	1	0	
OTHER	0	0	1	
POLYCENTROPODIDAE				
NEURECLIPSIS	0	1	6	
OTHER	0	0	1	
ALL TRICHOPTERA				227
ACARINA	1	0	23	165
TARDIGRADA	0	0	3	21
GASTROPODA				
AMNICOLA	20	77	68	
FERISSIA	0	0	4	
PHYSA	4	3	48	
VALVATA SINCERA	1	0	0	
ALL GASTROPODA				1549

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 3/83

TRANSECT 2 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	3	14	22	
SPHAERIUM	0	0	5	
ALL SPHAERIIDAE				303
ALL PELECYPODA				303

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 3/83

ST. CLAIR RIVER TRANSECT 2 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	56	11	14	558
ALL CNIDARIA				558
RHABDOCOELA	6	6	3	103
NEMERTINEA	10	0	4	96
NEMATODA	42	28	33	709
OLIGOCHAETA				
NAIS	58	8	11	
SPIROSPERMA	60	38	53	
OTHER	117	231	144	
ALL OLIGOCHAETA				4958
POLYCHAETA				
MANAYUNKIA SPECIOSA	0	0	5	34
ALL POLYCHAETA				34
CLADOCERA				
DAPHNIA	2	1	1	
ILYOCRYPTUS	1	0	0	
ALL CLADOCERA				34

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 3/83

TRANSECT 2 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
CYCLOPOIDIDAE	0	1	0	
DIAPTOMUS	3	2	4	
HARPACTICOIDA	25	3	13	
LIMNOCALANUS	0	0	1	
PARACYCLOPS	1	1	0	
ALL COPEPODA				372
DECAPODA				
ASTACIDAE	1	0	0	7
ALL DECAPODA				7
OSTRACODA	1	1	0	14
AMPHIPODA				
GAMMARUS	5	1	1	
HYALELLA AZTECA	3	6	2	
PONTOPOREIA HOYI	0	1	0	
ALL AMPHIPODA				131
ISOPODA				
ASELLUS	0	0	2	14
ALL ISOPODA				14
DIPTERA				
CHIRONOMIDAE	208	115	95	2879
EMPIDIDAE	1	24	15	
ALL DIPTERA				3154

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 3/83

TRANSECT 2 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
CAENIDAE				
CAENIS	3	10	4	
EPHEMERIDAE				
HEXAGENIA	2	1	0	
EPHEMERELLIDAE				
EPHEMERELLA	4	3	2	
BAETISCIDAE				
BAETISCA	0	1	0	
HEPTAGENIIDAE				
STENONEMA	1	0	0	
ALL EPHEMEROPTERA				213
COLEOPTERA				
ELMIDAE				
DUBIRAPHIA	0	1	0	
ALL COLEOPTERA				7
TRICHOPTERA				
BRACHYCENTRIDAE				
BRACHYCENTRUS	1	1	0	
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	23	0	5	
HYDROPSYCHE	1	0	3	
LEPTOCERIDAE				
MYSTACIDES	0	2	0	
OECETIS	1	0	0	
POLYCENTROPODIDAE				
NEURECLIPSIS	4	3	0	
RHYACOPHILIDAE				
PROTOPTILA	0	0	2	
ALL TRICHOPTERA				317
ACARINA	3	11	7	145

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 3/83

TRANSECT 2 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
GASTROPODA				
AMNICOLA	14	6	15	
ELIMIA LIVESCENS	27	38	11	
PHYSA	8	0	2	
ALL GASTROPODA				833
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	3	15	0	124
ALL PELECYPODA				124

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 3/83

ST. CLAIR RIVER TRANSECT 2 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
FISH				
COTTUS BAIRDII	0	1	0	7
ALL FISH				7
CNIDARIA				
HYDRA	105	19	23	1012
ALL CNIDARIA				1012
RHABDOCOELA	8	0	1	62
NEMERTINEA	0	1	8	62
NEMATODA	8	6	2	110
OLIGOCHAETA				
NAIS	28	3	8	
SPIROSPERMA	0	3	5	
OTHER	149	16	39	
ALL OLIGOCHAETA				1729
POLYCHAETA				
MANAYUNKIA SPECIOSA	0	1	0	7
ALL POLYCHAETA				7
CLADOCERA				
DAPHNIA	2	0	1	21
ALL CLADOCERA				21

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 3/83

TRANSECT 2 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
CYCLOPS BICUSPIDATUS	5	0	0	
DIAPTOMUS	7	1	2	
HARPACTICOIDA	42	0	0	
LIMNOCALANUS	1	1	2	
ALL COPEPODA				420
OSTRACODA	1	0	0	7
AMPHIPODA				
GAMMARUS	1	0	1	
HYALELLA AZTECA	7	2	0	
PONTOPOREIA HOYI	2	0	0	
ALL AMPHIPODA				90
DIPTERA				
CHIRONOMIDAE	102	15	34	1040
EMPIDIDAE	0	6	1	
ALL DIPTERA				1088
EPHEMEROPTERA				
CAENIDAE				
CAENIS	0	1	2	
EPHEMERELLIDAE				
EPHEMERELLA	10	3	0	
HEPTAGENIIDAE				
STENONEMA	0	4	0	
ALL EPHEMEROPTERA				138

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 3/83

TRANSECT 2 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COLEOPTERA				
ELMIDAE				
DUBIRAPHIA	1	0	0	
ALL COLEOPTERA				7
TRICHOPTERA				
BRACHYCENTRIDAE				
BRACHYCENTRUS	1	0	1	
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	62	37	12	
HYDROPSYCHE	0	7	10	
LEPTOCERIDAE				
CERACLEA	0	0	2	
OECETIS	1	0	0	
RHYACOPHILIDAE				
PROTOPTILA	1	2	5	
ALL TRICHOPTERA				971
HEMIPTERA				
CORIXIDAE	1	0	0	7
ACARINA	19	0	1	138
GASTROPODA				
AMNICOLA	2	3	3	
ELIMIA LIVESCENS	27	1	60	
LYMNAEA	0	0	1	
ALL GASTROPODA				668
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	0	0	17	117
ALL PELECYPODA				117

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 3/83

ST. CLAIR RIVER TRANSECT 3 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
FISH				
FISH EGGS	3	7	3	90
ALL FISH				90
CNIDARIA				
HYDRA	7	9	4	138
ALL CNIDARIA				138
RHABDOCOELA	1	3	0	28
NEMERTINEA	0	0	7	48
NEMATODA	6	1	16	158
OLIGOCHAETA	83	17	279	2610
CLADOCERA				
DAPHNIA	0	2	0	14
ALL CLADOCERA				14
COPEPODA				
CYCLOPOIDIDAE	1	0	0	
CYCLOPS BICUSPIDATUS	0	0	1	
DIAPTOMUS	13	5	2	
HARPACTICOIDA	0	0	1	
LIMNOCALANUS	1	0	1	
ALL COPEPODA				172

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 3/83

TRANSECT 3 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
OSTRACODA	0	1	0	7
AMPHIPODA				
GAMMARUS	0	0	1	
HYALELLA AZTECA	0	0	1	
ALL AMPHIPODA				14
DIPTERA				
CHIRONOMIDAE	103	109	214	2934
EMPIDIDAE	0	0	1	
ALL DIPTERA				2941
TRICHOPTERA				
LEPTOCERIDAE				
CERACLEA	0	0	1	
MYSTACIDES	1	0	2	
ALL TRICHOPTERA				28
ACARINA	0	0	1	7
GASTROPODA				
ELIMIA LIVESCENS	4	0	0	28
ALL GASTROPODA				28
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	0	0	1	7
ALL PELECYPODA				7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 3/83

ST. CLAIR RIVER TRANSECT 3 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
FISH				
FISH EGGS	7	4	0	76
ALL FISH				76
CNIDARIA				
HYDRA	3	9	5	117
ALL CNIDARIA				117
NEMERTINEA	0	1	0	7
NEMATODA	8	1	0	62
OLIGOCHAETA				
NAIS	0	0	1	
OTHER	97	7	18	
ALL OLIGOCHAETA				847
CLADOCERA				
DAPHNIA	1	0	1	14
ALL CLADOCERA				14
COPEPODA				
CYCLOPS BICUSPIDATUS	0	1	2	
DIAPTOMUS	3	8	7	
LIMNOCALANUS	1	1	0	
ALL COPEPODA				158
AMPHIPODA				
GAMMARUS	1	0	0	
HYALELLA AZTECA	1	0	0	
ALL AMPHIPODA				14

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 3/83

TRANSECT 3 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
DIPTERA				
CHIRONOMIDAE	149	378	107	4366
EMPIDIDAE	3	2	7	
ALL DIPTERA				4449
TRICHOPTERA				
HYDROPSYCHIDAE				
HYDROPSYCHE	0	0	1	
LEPTOCERIDAE				
CERACLEA	3	0	0	
OECETIS	0	1	0	
RHYACOPHILIDAE				
PROTOPTILA	0	1	0	
ALL TRICHOPTERA				41
ACARINA	0	1	0	7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 3/83

ST. CLAIR RIVER TRANSECT 3 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
FISH				
FISH EGGS	2	12	2	110
ALL FISH				110
CNIDARIA				
HYDRA	1	1	2	28
ALL CNIDARIA				28
NEMATODA	2	2	3	48
OLIGOCHAETA	9	7	1	117
COPEPODA				
CYCLOPOIDIDAE	0	0	2	
DIAPTOMUS	3	9	4	
LIMNOCALANUS	0	2	0	
ALL COPEPODA				138
OSTRACODA	0	1	0	7
DIPTERA				
CHIRONOMIDAE	30	25	13	468
EMPIDIDAE	3	1	0	
ALL DIPTERA				496
ACARINA	1	0	0	7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

ST. CLAIR RIVER TRANSECT 4 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
FISH				
FISH EGGS	0	1	0	7
ALL FISH				7
CNIDARIA				
HYDRA	15	33	67	792
ALL CNIDARIA				792
RHABDOCOELA	1	0	3	28
NEMERTINEA	0	1	0	7
NEMATODA	205	93	106	2782
HIRUDINEA				
ERPOBDELLIDAE	1	0	0	7
OLIGOCHAETA				
NAIS	32	88	96	
SPIROSPERMA	48	108	56	
STYLARIA	0	0	1	
OTHER	160	118	96	
ALL OLIGOCHAETA				5530
POLYCHAETA				
MANAYUNKIA SPECIOSA	0	1	0	7
ALL POLYCHAETA				7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

TRANSECT 4 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CLADOCERA				
DAPHNIA	0	2	1	21
ALL CLADOCERA				21
COPEPODA				
DIAPTOMUS	9	8	11	
HARPACTICOIDA	4	4	20	
LIMNOCALANUS	0	0	2	
ALL COPEPODA				399
OSTRACODA	1	1	0	14
AMPHIPODA				
GAMMARUS	0	0	11	
HYALELLA AZTECA	0	0	1	
ALL AMPHIPODA				83
DIPTERA				
CHIRONOMIDAE	51	81	102	1611
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	0	1	0	
EPHEMERELLIDAE				
EPHEMERELLA	0	1	4	
ALL EPHEMEROPTERA				41

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

TRANSECT 4 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	2	0	1	
LEPTOCERIDAE				
MYSTACIDES	0	1	0	
OTHER	1	0	0	
ALL TRICHOPTERA				34
ACARINA	2	1	8	76
GASTROPODA				
AMNICOLA	62	301	112	
ELIMIA LIVESCENS	13	15	22	
GYRAULUS	3	2	7	
LYMNAEA	0	1	15	
PHYSA	2	2	6	
VALVATA TRICARINATA	40	104	76	
ALL GASTROPODA				5392
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	25	124	53	
SPHAERIUM	0	0	2	
ALL SPHAERIIDAE				1405
ALL PELECYPODA				1405

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

ST. CLAIR RIVER TRANSECT 4 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
FISH				
FISH EGGS	155	0	0	1067
ALL FISH				1067
PORIFERA				
SPONGILLA	+	0	0	+
ALL PORIFERA				0
CNIDARIA				
HYDRA	369	45	411	5681
ALL CNIDARIA				5681
RHABDOCOELA	28	5	0	227
NEMERTINEA	0	12	0	83
NEMATODA	55	42	39	937
HIRUDINEA				
HIRUDINEA	1	0	0	7
OLIGOCHAETA				
NAIS	95	91	68	
SPIROSPERMA	22	4	2	
OTHER	339	487	222	
ALL OLIGOCHAETA				9159

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

TRANSECT 4 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
CYCLOPS BICUSPIDATUS	5	0	1	
DIAPTOMUS	13	3	9	
HARPACTICOIDA	32	18	51	
LIMNOCALANUS	3	0	1	
ALL COPEPODA				937
OSTRACODA	27	3	0	207
AMPHIPODA				
GAMMARUS	7	0	0	
HYALELLA AZTECA	4	0	0	
PONTOPOREIA HOYI	8	0	2	
ALL AMPHIPODA				145
ISOPODA				
ASELLUS	1	0	0	7
ALL ISOPODA				7
TERRESTRIAL INSECT	6	0	0	41
DIPTERA				
CERATOPOGONIDAE	3	0	0	
CHIRONOMIDAE	389	67	125	4001
EMPIDIDAE	2	4	0	
ALL DIPTERA				4063

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

TRANSECT 4 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
CAENIDAE				
CAENIS	2	0	0	
EPHEMERELLIDAE				
EPHEMERELLA	2	3	5	
HEPTAGENIIDAE				
STENONEMA	1	0	2	
ALL EPHEMEROPTERA				103
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	4	1	0	
HYDROPSYCHE	6	2	4	
OTHER	1	0	0	
LEPTOCERIDAE				
CERACLEA	1	1	0	
NECTOPSYCHE	1	0	0	
ALL TRICHOPTERA				145
ODONATA				
GOMPHIDAE				
GOMPHUS	1	0	0	7
ALL ODONATA				7
ACARINA	10	16	9	241
TARDIGRADA	2	0	1	21

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

TRANSECT 4 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
GASTROPODA				
AMNICOLA	2	2	0	
ELIMIA LIVESCENS	2	30	0	
GYRAULUS	5	1	0	
PHYSA	5	5	4	
ALL GASTROPODA				386
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	7	8	1	110
ALL PELECYPODA				110

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

ST. CLAIR RIVER TRANSECT 4 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	275	274	254	5530
ALL CNIDARIA				5530
RHABDOCOELA	3	5	3	76
NEMERTINEA	8	0	0	55
NEMATODA	14	15	3	220
HIRUDINEA				
GLOSSIPHONIIDAE				
HELOBDELLA STAGNALIS	1	0	0	
ALL HIRUDINEA				7
OLIGOCHAETA				
NAIS	102	141	33	
SPIROSPERMA	1	0	3	
STYLARIA	1	0	0	
OTHER	399	101	113	
ALL OLIGOCHAETA				6157
POLYCHAETA				
MANAYUNKIA SPECIOSA	0	2	0	14
ALL POLYCHAETA				14
CLADOCERA				
DAPHNIA	0	1	0	7
ALL CLADOCERA				7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

TRANSECT 4 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
CYCLOPS BICUSPIDATUS	1	2	3	
DIAPTOMUS	5	1	7	
HARPACTICOIDA	32	3	6	
LIMNOCALANUS	0	1	0	
ALL COPEPODA				420
OSTRACODA	1	0	0	7
AMPHIPODA				
GAMMARUS	7	1	6	
HYALELLA AZTECA	0	2	6	
PONTOPOREIA HOYI	5	0	2	
ALL AMPHIPODA				200
TERRESTRIAL INSECT	0	1	1	14
DIPTERA				
CERATOPOGONIDAE	0	1	0	
CHIRONOMIDAE	158	110	95	2500
EMPIDIDAE	1	3	0	
ALL DIPTERA				2534

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

TRANSECT 4 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
EPHEMERELLIDAE				
EPHEMERELLA	8	6	10	
BAETISCIDAE				
BAETISCA	0	0	1	
HEPTAGENIIDAE				
STENONEMA	1	0	1	
ALL EPHEMEROPTERA				186
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	10	5	2	
HYDROPSYCHE	2	0	1	
LEPTOCERIDAE				
MYSTACIDES	0	0	1	
OECETIS	0	1	0	
POLYCENTROPODIDAE				
NEURECLIPSIS	2	0	0	
ALL TRICHOPTERA				165
PLECOPTERA	2	0	0	14
ACARINA	11	12	35	399

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

TRANSECT 4 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
GASTROPODA				
AMNICOLA	0	0	1	
ELIMIA LIVESCENS	2	0	11	
GYRAULUS	2	1	0	
LYMNAEA	0	0	1	
PHYSA	2	0	1	
ALL GASTROPODA				145
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	2	1	2	34
ALL PELECYPODA				34

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

ST. CLAIR RIVER TRANSECT 5 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	99	71	638	5564
ALL CNIDARIA				5564
RHABDOCOELA	9	52	36	668
TRICLADIDA	2	0	20	152
NEMERTINEA	2	0	0	14
NEMATODA	52	262	196	3512
HIRUDINEA				
ERPOBDELLIDAE	1	0	0	
GLOSSIPHONIIDAE				
HELOBDELLA TRISERIALIS	0	0	1	
PISCICOLIDAE				
PISCICOLA	0	1	0	
OTHER	1	0	0	
ALL HIRUDINEA				28
OLIGOCHAETA				
NAIS	53	11	39	
SPIROSPERMA	72	44	74	
OTHER	677	825	613	
ALL OLIGOCHAETA				16583

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

TRANSECT 5 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CLADOCERA				
ILYOCRYPTUS	0	2	16	124
ALL CLADOCERA				124
COPEPODA				
DIAPTOMUS	13	14	3	
HARPACTICOIDA	4	7	0	
LIMNOCALANUS	1	3	16	
PARACYCLOPS	0	2	0	
UNIDENTIFIED NAUPLII	0	1	0	
ALL COPEPODA				441
DECAPODA				
ORCONECTES	1	0	0	7
ALL DECAPODA				7
OSTRACODA	0	5	1	41
AMPHIPODA				
GAMMARUS	51	4	35	
HYALELLA AZTECA	5	3	0	
PONTOPOREIA HOYI	1	1	1	
ALL AMPHIPODA				696
TERRESTRIAL INSECT	0	0	1	7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

TRANSECT 5 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
DIPTERA				
CHIRONOMIDAE	452	225	403	7438
EMPIDIDAE	0	0	1	
ALL DIPTERA				7444
EPHEMEROPTERA				
CAENIDAE				
CAENIS	7	5	25	
EPHEMERIDAE				
HEXAGENIA	12	12	16	
EPHEMERELLIDAE				
EPHEMERELLA	40	4	17	
HEPTAGENIIDAE				
STENONEMA	0	0	2	
ALL EPHEMEROPTERA				964
COLEOPTERA				
ELMIDAE				
DUBIRAPHIA	1	1	3	
ALL COLEOPTERA				34
LEPIDOPTERA	1	1	1	21

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

TRANSECT 5 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TRICHOPTERA				
BRACHYCENTRIDAE				
BRACHYCENTRUS	14	0	2	
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	1	0	0	
HYDROPSYCHE	6	0	1	
LEPTOCERIDAE				
CERACLEA	1	0	2	
NECTOPSYCHE	1	0	0	
OECETIS	1	9	0	
TRIAENODES	2	0	0	
ALL TRICHOPTERA				275
HEMIPTERA				
CORIXIDAE	0	0	1	7
ODONATA				
GOMPHIDAE				
STYLURUS NOTATUS	0	1	0	7
ALL ODONATA				7
PLECOPTERA	1	0	1	14
ACARINA	4	0	17	145

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

TRANSECT 5 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO:/SQ. METER
GASTROPODA				
AMNICOLA	33	140	110	
ELIMIA LIVESCENS	8	1	0	
GYRAULUS	3	0	24	
PHYSA	9	7	34	
VALVATA TRICARINATA	3	20	3	
ALL GASTROPODA				2720
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	2	17	47	
SPHAERIUM	1	0	0	
ALL SPHAERIIDAE				461
ALL PELECYPODA				461

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

ST. CLAIR RIVER TRANSECT 5 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	0	1	79	551
ALL CNIDARIA				551
RHABDOCOELA	1	0	0	7
NEMATODA	2	5	26	227
OLIGOCHAETA				
NAIS	0	23	59	
OTHER	35	15	116	
ALL OLIGOCHAETA				1708
CLADOCERA				
BOSMINA	0	0	1	
DAPHNIA	0	6	0	
ALL CLADOCERA				48
COPEPODA				
CYCLOPS BICUSPIDATUS	0	0	2	
DIAPTOMUS	1	5	6	
HARPACTICOIDA	0	0	11	
LIMNOCALANUS	2	2	0	
ALL COPEPODA				200
AMPHIPODA				
GAMMARUS	0	0	1	
HYALELLA AZTECA	0	1	2	
ALL AMPHIPODA				28

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

TRANSECT 5 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TERRESTRIAL INSECT	1	0	0	7
DIPTERA				
CHIRONOMIDAE	30	35	90	1067
EMPIDIDAE	0	0	1	
ALL DIPTERA				1074
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	0	2	0	
EPHEMERELLIDAE				
EPHEMERELLA	0	21	43	
HEPTAGENIIDAE				
STENONEMA	0	0	8	
ALL EPHEMEROPTERA				510
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	0	4	13	
HYDROPSYCHE	0	0	22	
ALL TRICHOPTERA				269
PLECOPTERA				
PERLODIDAE	0	0	1	7
ALL PLECOPTERA				7
ACARINA	0	1	9	69
GASTROPODA				
PHYSA	0	0	1	7
ALL GASTROPODA				7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

TRANSECT 5 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	0	0	3	21

ALL PELECYPODA				21

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

ST. CLAIR RIVER TRANSECT 5 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
FISH				
ETHEOSTOMA CAERULEUM	0	0	1	
FISH EGGS	0	0	2	
ALL FISH				21
CNIDARIA				
HYDRA	3	15	23	282
ALL CNIDARIA				282
RHABDOCOELA	1	0	0	7
NEMATODA	2	1	2	34
OLIGOCHAETA				
NAIS	0	0	4	
SPIROSPERMA	0	0	1	
OTHER	26	53	65	
ALL OLIGOCHAETA				1026
CLADOCERA				
BOSMINA	0	1	0	
DAPHNIA	1	0	3	
ALL CLADOCERA				34
COPEPODA				
CYCLOPS BICUSPIDATUS	0	0	2	
DIAPTOMUS	8	9	6	
LIMNOCALANUS	0	1	1	
ALL COPEPODA				186

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

TRANSECT 5 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
AMPHIPODA				
HYALELLA AZTECA	1	0	0	7
ALL AMPHIPODA				7
DIPTERA				
CHIRONOMIDAE	44	2	195	1660
EMPIDIDAE	4	0	0	
ALL DIPTERA				1687
EPHEMEROPTERA				
EPHEMERELLIDAE				
EPHEMERELLA	2	0	5	
ALL EPHEMEROPTERA				48
TRICHOPTERA				
HYDROPSYCHIDAE				
HYDROPSYCHE	0	0	6	
LEPTOCERIDAE				
CERACLEA	0	0	1	
ALL TRICHOPTERA				48
PLECOPTERA	0	0	1	7
ACARINA	1	0	2	21
GASTROPODA				
AMNICOLA	0	1	0	7
ALL GASTROPODA				7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

ST. CLAIR RIVER TRANSECT 6 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	1109	838	428	16356
ALL CNIDARIA				16356
RHABDOCOELA	2	3	6	76
TRICLADIDA	23	30	7	413
NEMERTINEA	0	1	0	7
NEMATODA	86	40	11	943
OLIGOCHAETA				
NAIS	4	0	3	
SPIROSPERMA	12	25	40	
OTHER	374	166	192	
ALL OLIGOCHAETA				5620
CLADOCERA				
DAPHNIA	0	2	2	
DAPHNIA AMBIGUA	1	0	0	
ILYOCRYPTUS	9	3	1	
ALL CLADOCERA				124

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

TRANSECT 6 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
CYCLOPOIDIDAE	0	3	0	
CYCLOPS BICUSPIDATUS	14	0	0	
DIAPTOMUS	17	12	17	
HARPACTICOIDA	27	15	8	
LIMNOCALANUS	1	5	1	
ALL COPEPODA				826
OSTRACODA	0	0	2	14
AMPHIPODA				
GAMMARUS	108	129	61	
HYALELLA AZTECA	0	3	0	
PONTOPOREIA HOYI	1	0	0	
ALL AMPHIPODA				2080
ISOPODA				
ASELLUS	1	3	0	28
ALL ISOPODA				28
TERRESTRIAL INSECT	1	0	0	7
DIPTERA				
CERATOPOGONIDAE	4	1	1	
CHIRONOMIDAE	437	718	879	14007
EMPIDIDAE	1	0	0	
ALL DIPTERA				14056

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

TRANSECT 6 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
CAENIDAE				
CAENIS	1	6	0	
EPHEMERIDAE				
HEXAGENIA	4	6	1	
ALL EPHEMEROPTERA				124
COLEOPTERA				
ELMIDAE				
DUBIRAPHIA	1	0	0	
ALL COLEOPTERA				7
TRICHOPTERA				
LEPTOCERIDAE				
CERACLEA	1	2	0	
MYSTACIDES	0	1	1	
NECTOPSYCHE	1	0	0	
OECETIS	9	35	13	
SETODES	0	0	1	
POLYCENTROPODIDAE				
POLYCENTROPUS	1	0	0	
ALL TRICHOPTERA				448
ACARINA	0	0	1	7
GASTROPODA				
AMNICOLA	22	56	82	
ELIMIA LIVESCENS	6	32	11	
GYRAULUS	13	14	8	
PHYSA	4	6	7	
VALVATA TRICARINATA	18	6	1	
ALL GASTROPODA				1970

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

TRANSECT 6 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	6	23	13	
SPHAERIUM	0	4	1	
ALL SPHAERIIDAE				324
ALL PELECYPODA				324

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

ST. CLAIR RIVER TRANSECT 6 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
FISH				
COTTUS BAIRDII	0	0	1	
FISH EGGS	9	0	0	
ALL FISH				69
CNIDARIA				
HYDRA	2276	3303	2754	57387
ALL CNIDARIA				57387
RHABDOCOELA	58	17	56	902
NEMERTINEA	1	0	1	14
NEMATODA	54	55	31	964
HIRUDINEA				
PISCICOLIDAE				
PISCICOLA MILNERI	0	0	1	
ALL HIRUDINEA				7
OLIGOCHAETA				
NAIS	32	52	95	
SPIROSPERMA	41	56	105	
OTHER	605	706	536	
ALL OLIGOCHAETA				15343
POLYCHAETA				
MANAYUNKIA SPECIOSA	0	0	2	14
ALL POLYCHAETA				14

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

TRANSECT 6 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CLADOCERA				
BOSMINA	0	1	0	
DAPHNIA	0	0	1	
DAPHNIA GALEATA MENDOTAE	0	1	0	
DAPHNIA PULEX	0	2	0	
ILYOCRYPTUS	9	14	9	
ALL CLADOCERA				255
COPEPODA				
CYCLOPS BICUSPIDATUS	0	18	24	
DIAPTOMUS	17	29	16	
HARPACTICOIDA	81	100	24	
LIMNOCALANUS	3	3	8	
PARACYCLOPS	0	2	0	
ALL COPEPODA				2238
OSTRACODA	8	2	10	138
AMPHIPODA				
GAMMARUS	55	24	45	
HYALELLA AZTECA	4	1	8	
PONTOPOREIA HOYI	2	1	1	
ALL AMPHIPODA				971
ISOPODA				
ASELLUS	1	0	2	21
ALL ISOPODA				21

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

TRANSECT 6 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TERRESTRIAL INSECT	0	0	1	7
DIPTERA				
CERATOPOGONIDAE	0	0	2	
CHIRONOMIDAE	469	415	817	11714
EMPIDIDAE	1	0	0	
ALL DIPTERA				11735
EPHEMEROPTERA				
CAENIDAE				
CAENIS	9	1	9	
EPHEMERIDAE				
HEXAGENIA	66	20	26	
EPHEMERELLIDAE				
EPHEMERELLA	3	1	10	
HEPTAGENIIDAE				
STENONEMA	0	0	1	
ALL EPHEMEROPTERA				1005
COLEOPTERA				
ELMIDAE				
DUBIRAPHIA	1	0	3	
ALL COLEOPTERA				28

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

TRANSECT 6 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TRICHOPTERA				
BRACHYCENTRIDAE				
BRACHYCENTRUS	0	5	1	
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	0	0	1	
HYDROPSYCHE	0	0	1	
LEPTOCERIDAE				
CERACLEA	3	5	2	
MYSTACIDES	0	0	1	
OECETIS	0	1	1	
TRIAENODES	0	1	1	
POLYCENTROPODIDAE				
NEURECLIPSIS	1	2	3	
ALL TRICHOPTERA				200
ACARINA	2	0	1	21
GASTROPODA				
AMNICOLA	4	5	15	
ELIMIA LIVESCENS	1	1	12	
GYRAULUS	0	0	3	
PHYSA	7	5	21	
ALL GASTROPODA				510
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	4	3	10	117
ALL PELECYPODA				117

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

ST. CLAIR RIVER TRANSECT 6 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	21	0	14	241
ALL CNIDARIA				241
RHABDOCOELA	14	10	10	234
NEMATODA	34	83	68	1274
OLIGOCHAETA				
SPIROSPERMA FEROX	62	46	84	
OTHER	0	46	59	
ALL OLIGOCHAETA				2045
POLYCHAETA				
MANAYUNKIA SPECIOSA	0	0	1	7
ALL POLYCHAETA				7
CLADOCERA				
BOSMINA	0	0	1	
DAPHNIA	0	1	0	
DAPHNIA AMBIGUA	0	1	0	
ALL CLADOCERA				21
COPEPODA				
CYCLOPOIDIDAE	0	6	0	
DIAPTOMUS	3	34	9	
HARPACTICOIDA	1	0	0	
LIMNOCALANUS	3	0	3	
ALL COPEPODA				406

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

TRANSECT 6 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
AMPHIPODA				
GAMMARUS	11	0	3	
PONTOPOREIA HOYI	0	0	1	
ALL AMPHIPODA				103
TERRESTRIAL INSECT	1	0	0	7
DIPTERA				
CERATOPOGONIDAE	2	0	0	
CHIRONOMIDAE	327	183	30	3719
EMPIDIDAE	9	0	4	
ALL DIPTERA				3822
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	16	0	2	
EPHEMERELLIDAE				
EPHEMERELLA	1	0	0	
ALL EPHEMEROPTERA				131
COLEOPTERA				
ELMIDAE				
DUBIRAPHIA	1	1	1	
ALL COLEOPTERA				21
TRICHOPTERA				
LEPTOCERIDAE				
MYSTACIDES	0	0	1	
OECETIS	0	0	1	
TRIAENODES	0	0	1	
ALL TRICHOPTERA				21

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

TRANSECT 6 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
ACARINA	0	0	3	21
GASTROPODA				
AMNICOLA	48	2	5	
ELIMIA LIVESCENS	5	0	5	
GYRAULUS	22	0	0	
PHYSA	4	0	0	
SOMATOGYRUS SUBGLOBOSUS	1	0	0	
VALVATA TRICARINATA	1	1	0	
ALL GASTROPODA				647
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	24	9	18	
SPHAERIUM	8	3	3	
ALL SPHAERIIDAE				448
ALL PELECYPODA				448

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

ST. CLAIR RIVER TRANSECT 7 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	2217	1614	3411	49873
ALL CNIDARIA				49873
RHABDOCOELA	76	13	63	1047
TRICLADIDA	0	16	0	110
NEMERTINEA	0	3	0	21
NEMATODA	24	104	38	1143
OLIGOCHAETA				
NAIS	2	8	0	
SPIROSPERMA	40	46	54	
OTHER	405	287	489	
ALL OLIGOCHAETA				9166
CLADOCERA				
BOSMINA	1	0	0	
DAPHNIA	2	0	0	
DAPHNIA PULEX	2	0	0	
DAPHNIA SCHODLERI	1	0	0	
ILYOCRYPTUS	3	0	1	
ALL CLADOCERA				69

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

TRANSECT 7 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
CYCLOPS BICUSPIDATUS	9	0	3	
DIAPTOMUS	27	5	61	
HARPACTICOIDA	2	2	7	
LIMNOCALANUS	4	0	0	
PARACYCLOPS	1	0	0	
ALL COPEPODA				833
OSTRACODA	1	0	8	62
AMPHIPODA				
GAMMARUS	101	113	254	
HYALELLA AZTECA	1	2	14	
PONTOPOREIA HOYI	1	0	0	
ALL AMPHIPODA				3347
ISOPODA				
ASELLUS	0	1	10	76
ALL ISOPODA				76
DIPTERA				
CERATOPOGONIDAE	3	0	2	
CHIRONOMIDAE	638	380	1221	15419
ALL DIPTERA				15454

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

TRANSECT 7 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
CYCLOPS BICUSPIDATUS	9	0	3	
DIAPTOMUS	27	5	61	
HARPACTICOIDA	2	2	7	
LIMNOCALANUS	4	0	0	
PARACYCLOPS	1	0	0	
ALL COPEPODA				833
OSTRACODA	1	0	8	62
AMPHIPODA				
GAMMARUS	101	113	254	
HYALELLA AZTECA	1	2	14	
PONTOPOREIA HOYI	1	0	0	
ALL AMPHIPODA				3347
ISOPODA				
ASELLUS	0	1	10	76
ALL ISOPODA				76
DIPTERA				
CERATOPOGONIDAE	3	0	2	
CHIRONOMIDAE	638	380	1221	15419
ALL DIPTERA				15454

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

TRANSECT 7 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
GASTROPODA				
AMNICOLA	58	47	228	
ELIMIA LIVESCENS	39	12	38	
GYRAULUS	20	21	23	
PHYSA	20	6	26	
VALVATA TRICARINATA	1	0	0	
ALL GASTROPODA				3712
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	62	29	97	
SPHAERIUM	1	1	1	
ALL SPHAERIIDAE				1315
ALL PELECYPODA				1315

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

ST. CLAIR RIVER TRANSECT 7 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	1515	1492	233	22313
ALL CNIDARIA				22313
RHABDOCOELA	13	23	5	282
NEMERTINEA	27	0	1	193
NEMATODA	225	49	78	2424
OLIGOCHAETA				
NAIS	19	21	5	
SPIROSPERMA	70	55	5	
OTHER	203	261	23	
ALL OLIGOCHAETA				4559
CLADOCERA				
DAPHNIA PULEX	0	2	0	
DAPHNIA SCHODLERI	0	1	0	
ALL CLADOCERA				21
COPEPODA				
CYCLOPS BICUSPIDATUS	0	6	0	
DIAPTOMUS	8	12	0	
HARPACTICOIDA	0	2	0	
LIMNOCALANUS	3	1	0	
ALL COPEPODA				220

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

TRANSECT 7 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
DECAPODA				
ASTACIDAE	1	0	0	7
ALL DECAPODA				7
OSTRACODA	0	1	0	7
AMPHIPODA				
GAMMARUS	57	49	31	
HYALELLA AZTECA	3	0	3	
ALL AMPHIPODA				985
TERRESTRIAL INSECT	0	1	3	28
DIPTERA				
CHIRONOMIDAE	343	267	39	4469
EMPIDIDAE	0	2	5	
ALL DIPTERA				4518
EPHEMEROPTERA				
CAENIDAE				
CAENIS	7	5	18	
EPHEMERIDAE				
HEXAGENIA	13	12	9	
EPHEMERELLIDAE				
EPHEMERELLA	11	4	26	
HEPTAGENIIDAE				
STENONEMA	1	0	1	
ALL EPHEMEROPTERA				737

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

TRANSECT 7 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TRICHOPTERA				
BRACHYCENTRIDAE				
BRACHYCENTRUS	0	4	7	
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	4	17	9	
HYDROPSYCHE	5	8	1	
HYDROPTILIDAE				
HYDROPTILA	0	0	1	
LEPTOCERIDAE				
CERACLEA	9	3	2	
MYSTACIDES	0	1	0	
OECETIS	8	0	0	
TRIAENODES	2	0	0	
POLYCENTROPODIDAE				
NEURECLIPSIS	3	7	11	
ALL TRICHOPTERA				702
PLECOPTERA				
PERLODIDAE	0	1	0	7
ALL PLECOPTERA				7
ACARINA	2	1	5	55
GASTROPODA				
AMNICOLA	18	15	6	
ELIMIA LIVESCENS	87	65	32	
GYRAULUS	0	1	0	
PHYSA	1	4	0	
ALL GASTROPODA				1577

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

TRANSECT 7 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	10	31	6	
SPHAERIUM	7	10	8	
ALL SPHAERIIDAE				496
ALL PELECYPODA				496

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

ST. CLAIR RIVER TRANSECT 7 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
FISH				
FISH EGGS	1	0	0	7
ALL FISH				7
CNIDARIA				
HYDRA	27	2	2	213
ALL CNIDARIA				213
RHABDOCOELA	0	0	14	96
NEMERTINEA	11	7	0	124
NEMATODA	624	267	230	7720
OLIGOCHAETA				
NAIS	0	3	1	
SPIROSPERMA	7	0	0	
OTHER	28	6	32	
ALL OLIGOCHAETA				530
CLADOCERA				
DAPHNIA	3	0	0	21
ALL CLADOCERA				21
COPEPODA				
DIAPTOMUS	0	14	5	
LIMNOCALANUS	0	1	4	
ALL COPEPODA				165

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

TRANSECT 7 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
OSTRACODA	3	0	0	21
AMPHIPODA				
GAMMARUS	12	5	0	
HYALELLA AZTECA	1	0	7	
ALL AMPHIPODA				172
TERRESTRIAL INSECT	1	0	0	7
DIPTERA				
CHIRONOMIDAE	23	10	30	434
EMPIDIDAE	0	1	2	
ALL DIPTERA				455
EPHEMEROPTERA				
CAENIDAE				
CAENIS	2	1	0	
EPHEMERIDAE				
HEXAGENIA	3	4	12	
EPHEMERELLIDAE				
EPHEMERELLA	3	7	0	
BAETISCIDAE				
BAETISCA	0	1	0	
ALL EPHEMEROPTERA				227

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

TRANSECT 7 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TRICHOPTERA				
BRACHYCENTRIDAE				
BRACHYCENTRUS	0	0	1	
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	0	0	1	
HYDROPSYCHE	0	1	0	
LEPTOCERIDAE				
CERACLEA	1	0	0	
POLYCENTROPODIDAE				
NEURECLIPSIS	1	1	0	
ALL TRICHOPTERA				41
ACARINA	1	0	0	7
GASTROPODA				
AMNICOLA	40	4	37	
ELIMIA LIVESCENS	23	3	3	
ALL GASTROPODA				758
PELECYPODA				
SPHAERIIDAE				
SPHAERIUM	6	1	9	110
ALL PELECYPODA				110

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/83

ST. CLAIR RIVER TRANSECT 8 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	1008	155	136	8946
ALL CNIDARIA				8946
RHABDOCOELA	10	347	185	3733
TRICLADIDA	4	16	4	165
NEMERTINEA	0	2	0	14
NEMATODA	19	48	38	723
HIRUDINEA				
GLOSSIPHONIIDAE				
GLOSSIPHONIA COMPLANATA	1	1	0	
ALL HIRUDINEA				14
OLIGOCHAETA				
NAIS	2	17	0	
SPIROSPERMA	74	196	53	
OTHER	157	718	354	
ALL OLIGOCHAETA				10819
POLYCHAETA				
MANAYUNKIA SPECIOSA	48	6	36	620
ALL POLYCHAETA				620

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/83

TRANSECT 8 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CLADOCERA				
ILYOCRYPTUS	0	0	5	34
ALL CLADOCERA				34
COPEPODA				
DIAPTOMUS	17	24	1	
HARPACTICOIDA	48	17	21	
LIMNOCALANUS	0	0	1	
PARACYCLOPS	0	1	0	
ALL COPEPODA				895
OSTRACODA	32	9	0	282
AMPHIPODA				
GAMMARUS	167	258	48	
HYALELLA AZTECA	37	10	0	
ALL AMPHIPODA				3581
ISOPODA				
ASELLUS	69	45	4	813
ALL ISOPODA				813
TERRESTRIAL INSECT	1	0	0	7
DIPTERA				
CERATOPOGONIDAE	1	0	0	
CHIRONOMIDAE	618	633	196	9965
ALL DIPTERA				9972

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/83

TRANSECT 8 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
CAENIDAE				
CAENIS	71	36	7	
ALL EPHEMEROPTERA				785
LEPIDOPTERA	0	1	1	14
TRICHOPTERA				
LEPTOCERIDAE				
CERACLEA	1	1	0	
OECETIS	1	1	0	
TRIAENODES	1	0	0	
LIMNEPHILIDAE				
PYCNOPSYCHE	1	0	0	
POLYCENTROPODIDAE				
POLYCENTROPUS	3	2	0	
ALL TRICHOPTERA				76
ODONATA				
COENAGRIONIDAE	1	0	0	7
ACARINA	2	2	0	28
GASTROPODA				
AMNICOLA	57	111	39	
ELIMIA LIVESCENS	3	7	0	
GYRAULUS	0	137	42	
PHYSA	9	86	23	
ALL GASTROPODA				3540

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/83

TRANSECT 8 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	80	146	45	
SPHAERIUM	1	1	0	
ALL SPHAERIIDAE				1880
ALL PELECYPODA				1880

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/83

ST. CLAIR RIVER TRANSECT 8 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	440	708	1353	17224
ALL CNIDARIA				17224
RHABDOCOELA	34	52	42	881
NEMERTINEA	0	2	0	14
NEMATODA	44	119	111	1887
OLIGOCHAETA				
NAIS	0	0	2	
SPIROSPERMA	16	146	61	
OTHER	704	1423	514	
ALL OLIGOCHAETA				19737
POLYCHAETA				
MANAYUNKIA SPECIOSA	1	16	9	179
ALL POLYCHAETA				179
CLADOCERA				
ILYOCRYPTUS	12	0	18	207
ALL CLADOCERA				207

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/83

TRANSECT 8 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
CYCLOPS BICUSPIDATUS	1	1	8	
DIAPTOMUS	8	16	16	
HARPACTICOIDA	81	97	74	
LIMNOCALANUS	1	0	0	
MESOCYCLOPS	1	0	0	
PARACYCLOPS	4	0	1	
ALL COPEPODA				2128
OSTRACODA	1	0	1	14
AMPHIPODA				
GAMMARUS	17	26	37	
HYALELLA AZTECA	1	7	19	
PONTOPOREIA HOYI	6	0	1	
ALL AMPHIPODA				785
ISOPODA				
ASELLUS	0	5	6	76
ALL ISOPODA				76
DIPTERA				
CERATOPOGONIDAE	0	0	3	
CHIRONOMIDAE	309	579	602	10261
ALL DIPTERA				10282

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/83

TRANSECT 8 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
CAENIDAE				
CAENIS	4	23	9	
EPHEMERIDAE				
HEXAGENIA	7	6	38	
ALL EPHEMEROPTERA				599
LEPIDOPTERA	0	3	3	41
TRICHOPTERA				
LEPTOCERIDAE				
CERACLEA	0	1	0	
OECETIS	1	1	0	
POLYCENTROPODIDAE				
POLYCENTROPUS	0	1	2	
ALL TRICHOPTERA				41
ODONATA				
COENAGRIONIDAE	0	0	1	7
ACARINA	1	2	2	34
GASTROPODA				
AMNICOLA	95	91	32	
ELIMIA LIVESCENS	0	1	1	
GYRAULUS	0	0	1	
PHYSA	1	3	1	
VALVATA SINCERA	0	2	3	
VALVATA TRICARINATA	2	0	0	
ALL GASTROPODA				1605

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/83

TRANSECT 8 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	7	0	4	76
ALL PELECYPODA				76

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/83

ST. CLAIR RIVER TRANSECT 8 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
FISH				
FISH EGGS	8	1	0	62
ALL FISH				62
CNIDARIA				
HYDRA	1948	1416	514	26706
ALL CNIDARIA				26706
RHABDOCOELA	84	81	104	1853
NEMATODA	76	24	9	751
OLIGOCHAETA				
NAIS	48	7	29	
SPIROSPERMA	384	85	652	
OTHER	1526	511	575	
ALL OLIGOCHAETA				26286
POLYCHAETA				
MANAYUNKIA SPECIOSA	0	3	35	262
ALL POLYCHAETA				262
CLADOCERA				
DAPHNIA	1	0	2	
ILYOCRYPTUS	0	1	1	
ALL CLADOCERA				34

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/83

TRANSECT 8 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
CYCLOPS BICUSPIDATUS	8	3	0	
DIAPTOMUS	1	4	9	
HARPACTICOIDA	49	23	8	
LIMNOCALANUS	0	4	1	
PARACYCLOPS	0	1	0	
ALL COPEPODA				764
OSTRACODA	1	3	0	28
AMPHIPODA				
GAMMARUS	20	12	12	
HYALELLA AZTECA	8	1	7	
PONTOPOREIA HOYI	2	8	2	
ALL AMPHIPODA				496
ISOPODA				
ASELLUS	2	2	3	48
ALL ISOPODA				48
DIPTERA				
CERATOPOGONIDAE	7	8	3	
CHIRONOMIDAE	567	497	644	11762
EMPIDIDAE	0	1	0	
TIPULIDAE	1	0	0	
ALL DIPTERA				11900

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/83

TRANSECT 8 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
CAENIDAE				
CAENIS	15	4	6	
EPHEMERIDAE				
HEXAGENIA	37	20	4	
EPHEMERELLIDAE				
EPHEMERELLA	1	4	5	
ALL EPHEMEROPTERA				661
LEPIDOPTERA				
PYRALIDAE	0	0	1	
OTHER	3	0	0	
ALL LEPIDOPTERA				28
TRICHOPTERA				
HYDROPSYCHIDAE				
HYDROPSYCHE	2	1	0	
LEPTOCERIDAE				
TRIAENODES	0	0	1	
POLYCENTROPODIDAE				
NEURECLIPSIS	0	0	2	
ALL TRICHOPTERA				41
ACARINA	0	10	2	83
GASTROPODA				
AMNICOLA	44	48	105	
GYRAULUS	0	1	0	
PHYSA	5	7	29	
VALVATA SINCERA	1	0	0	
ALL GASTROPODA				1653

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/83

TRANSECT 8 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	31	71	92	
SPHAERIUM	0	0	17	
ALL SPHAERIIDAE				1453
ALL PELECYPODA				1453

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/83

ST. CLAIR RIVER TRANSECT 9 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	110	68	97	1894
ALL CNIDARIA				1894
TRICLADIDA	6	47	7	413
NEMERTINEA	0	0	1	7
NEMATODA	59	42	53	1061
HIRUDINEA				
ERPOBDELLIDAE	1	3	0	
GLOSSIPHONIIDAE				
HELOBDELLA STAGNALIS	1	1	3	
ALL HIRUDINEA				62
OLIGOCHAETA				
NAIS	8	11	6	
SPIROSPERMA	87	9	58	
OTHER	429	210	277	
ALL OLIGOCHAETA				7541
POLYCHAETA				
MANAYUNKIA SPECIOSA	257	205	359	5654
ALL POLYCHAETA				5654
CLADOCERA				
ILYOCRYPTUS	5	19	1	172
ALL CLADOCERA				172

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/83

TRANSECT 9 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
CYCLOPS BICUSPIDATUS	0	0	1	
HARPACTICOIDA	8	17	16	
PARACYCLOPS	3	0	0	
ALL COPEPODA				310
OSTRACODA	5	1	8	96
AMPHIPODA				
GAMMARUS	40	53	33	
HYALELLA AZTECA	253	127	108	
ALL AMPHIPODA				4228
ISOPODA				
ASELLUS	27	69	14	
LIRCEUS	9	6	5	
ALL ISOPODA				895
DIPTERA				
CERATOPOGONIDAE	19	11	17	
CHIRONOMIDAE	320	468	282	7369
ALL DIPTERA				7692
EPHEMEROPTERA				
CAENIDAE				
CAENIS	255	281	171	
EPHEMERIDAE				
HEXAGENIA	13	20	10	
ALL EPHEMEROPTERA				5165

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/83

TRANSECT 9 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
LEPIDOPTERA				
PYRALIDAE	0	0	1	
OTHER	1	0	0	
ALL LEPIDOPTERA				14
TRICHOPTERA				
HYDROPSYCHIDAE				
HYDROPSYCHE	0	1	0	
LEPTOCERIDAE				
CERACLEA	1	0	1	
MYSTACIDES	3	11	9	
NECTOPSYCHE	8	0	0	
OECETIS	14	7	7	
SETODES	7	0	2	
POLYCENTROPODIDAE				
POLYCENTROPUS	4	2	2	
OTHER	3	0	0	
ALL TRICHOPTERA				565
ACARINA	2	0	1	21
TARDIGRADA	1	0	0	7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/83

TRANSECT 9 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
GASTROPODA				
AMNICOLA	26	63	60	
ELIMIA LIVESCENS	0	2	2	
GYRAULUS	10	38	7	
PHYSA	3	1	4	
ALL GASTROPODA				1488
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	35	28	31	
SPHAERIUM	0	2	9	
ALL SPHAERIIDAE				723
ALL PELECYPODA				723

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/83

ST. CLAIR RIVER TRANSECT 9 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	15	0	287	2080
ALL CNIDARIA				2080
RHABDOCOELA	67	15	150	1598
TRICLADIDA	0	0	4	28
NEMERTINEA	1	1	0	14
NEMATODA	61	36	68	1136
OLIGOCHAETA				
NAIS	1	0	0	
SPIROSPERMA	182	112	150	
OTHER	974	624	689	
ALL OLIGOCHAETA				18814
POLYCHAETA				
MANAYUNKIA SPECIOSA	41	13	18	496
ALL POLYCHAETA				496
CLADOCERA				
DAPHNIA	0	0	1	
ILYOCRYPTUS	16	1	16	
ALL CLADOCERA				234

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/83

TRANSECT 9 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
CYCLOPOIDIDAE	0	2	0	
CYCLOPS BICUSPIDATUS	1	0	0	
DIAPTOMUS	3	0	0	
HARPACTICOIDA	74	32	120	
LIMNOCALANUS	1	3	0	
PARACYCLOPS	2	0	0	
ALL COPEPODA				1639
OSTRACODA	4	1	1	41
AMPHIPODA				
GAMMARUS	42	12	82	
HYALELLA AZTECA	0	0	5	
PONTOPOREIA HOYI	3	0	2	
ALL AMPHIPODA				1005
ISOPODA				
ASELLUS	0	0	6	41
ALL ISOPODA				41
TERRESTRIAL INSECT	1	0	0	7
DIPTERA				
CERATOPOGONIDAE	5	1	2	
CHIRONOMIDAE	681	312	406	9634
ALL DIPTERA				9690

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/83

TRANSECT 9 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
CAENIDAE				
CAENIS	17	5	9	
EPHEMERIDAE				
HEXAGENIA	6	2	7	
EPHEMERELLIDAE				
EPHEMERELLA	0	0	3	
ALL EPHEMEROPTERA				337
LEPIDOPTERA	0	0	1	7
TRICHOPTERA				
LEPTOCERIDAE				
MYSTACIDES	1	0	0	
OECETIS	2	6	0	
SETODES	2	0	0	
ALL TRICHOPTERA				76
ACARINA	0	1	1	14
GASTROPODA				
AMNICOLA	75	40	92	
ELIMIA LIVESCENS	3	2	6	
GYRAULUS	0	2	1	
PHYSA	1	1	6	
PLEUROCERA ACUTA	0	1	0	
VALVATA TRICARINATA	12	5	10	
ALL GASTROPODA				1770

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/83

TRANSECT 9 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	47	14	11	
SPHAERIUM	0	0	8	
ALL SPHAERIIDAE				551
ALL PELECYPODA				551

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/83

ST. CLAIR RIVER TRANSECT 9 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
FISH				
FISH EGGS	13	0	2	103
ALL FISH				103
CNIDARIA				
HYDRA	519	11	37	3905
ALL CNIDARIA				3905
RHABDOCOELA	27	6	25	399
TRICLADIDA	1	0	0	7
NEMATODA	48	47	16	764
OLIGOCHAETA				
NAIS	13	0	2	
SPIROSPERMA	125	136	59	
OTHER	347	391	313	
ALL OLIGOCHAETA				9545
POLYCHAETA				
MANAYUNKIA SPECIOSA	4	2	0	41
ALL POLYCHAETA				41

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/83

TRANSECT 9 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CLADOCERA				
DAPHNIA	2	2	0	
DAPHNIA PULEX	0	0	3	
DAPHNIA SCHODLERI	0	0	2	
ILYOCRYPTUS	13	5	1	
ALL CLADOCERA				193
COPEPODA				
DIAPTOMUS	5	4	2	
HARPACTICOIDA	68	9	4	
LIMNOCALANUS	3	2	0	
ALL COPEPODA				668
OSTRACODA	5	1	0	41
AMPHIPODA				
GAMMARUS	17	0	14	
HYALELLA AZTECA	18	1	3	
PONTOPOREIA HOYI	5	5	2	
ALL AMPHIPODA				448
TERRESTRIAL INSECT	0	1	0	7
DIPTERA				
CERATOPOGONIDAE	0	5	3	
CHIRONOMIDAE	738	626	261	11191
ALL DIPTERA				11246

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/83

TRANSECT 9 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
CAENIDAE				
CAENIS	4	4	0	
EPHEMERIDAE				
HEXAGENIA	11	28	25	
EPHEMERELLIDAE				
EPHEMERELLA	1	0	0	
ALL EPHEMEROPTERA				503
COLEOPTERA				
ELMIDAE				
DUBIRAPHIA	0	0	2	
ALL COLEOPTERA				14
LEPIDOPTERA	0	0	1	7
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	1	0	2	
HYDROPSYCHE	1	0	0	
LEPTOCERIDAE				
CERACLEA	0	0	1	
MYSTACIDES	3	0	0	
NECTOPSYCHE	0	0	1	
OECETIS	2	0	0	
ALL TRICHOPTERA				76
ACARINA	0	4	1	34

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/83

TRANSECT 9 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
GASTROPODA				
AMNICOLA	69	12	28	
ELIMIA LIVESCENS	1	0	3	
GYRAULUS	3	0	4	
PHYSA	11	0	0	
VALVATA TRICARINATA	4	0	0	
ALL GASTROPODA				930
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	16	24	29	475
ALL PELECYPODA				475

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/83

ST. CLAIR RIVER TRANSECT 10 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	12	0	7	131
ALL CNIDARIA				131
RHABDOCOELA	1	2	3	41
NEMATODA	2	7	12	145
OLIGOCHAETA				
NAIS	0	0	1	
SPIROSPERMA	0	1	0	
OTHER	12	26	50	
ALL OLIGOCHAETA				620
POLYCHAETA				
MANAYUNKIA SPECIOSA	0	1	0	7
ALL POLYCHAETA				7
CLADOCERA				
DAPHNIA GALEATA MENDOTAE	1	0	0	7
ALL CLADOCERA				7
COPEPODA				
HARPACTICOIDA	0	13	2	
LIMNOCALANUS	3	0	1	
ALL COPEPODA				131
AMPHIPODA				
GAMMARUS	2	1	5	55
ALL AMPHIPODA				55

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/83

TRANSECT 10 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TERRESTRIAL INSECT	2	0	0	14
DIPTERA				
CERATOPOGONIDAE	0	3	2	
CHIRONOMIDAE	4	20	72	661
ALL DIPTERA				696
ACARINA	0	0	1	7
GASTROPODA				
AMNICOLA	1	2	4	
ELIMIA LIVESCENS	0	0	1	
ALL GASTROPODA				55
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	1	9	17	186
ALL PELECYPODA				186

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/83

ST. CLAIR RIVER TRANSECT 10 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	49	8	145	1391
ALL CNIDARIA				1391
RHABDOCOELA	22	22	80	854
TRICLADIDA	0	0	6	41
NEMERTINEA	1	0	1	14
NEMATODA	39	58	49	1005
OLIGOCHAETA				
NAIS	0	0	4	
SPIROSPERMA	31	33	22	
OTHER	206	195	305	
ALL OLIGOCHAETA				5482
POLYCHAETA				
MANAYUNKIA SPECIOSA	61	19	91	1178
ALL POLYCHAETA				1178
CLADOCERA				
ILYOCRYPTUS	1	6	1	55
ALL CLADOCERA				55

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/83

TRANSECT 10 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
DIAPTOMUS	1	0	1	
HARPACTICOIDA	0	21	20	
LIMNOCALANUS	2	0	1	
ALL COPEPODA				317
OSTRACODA	1	0	0	7
AMPHIPODA				
GAMMARUS	46	10	76	
PONTOPOREIA HOYI	0	0	3	
ALL AMPHIPODA				930
ISOPODA				
ASELLUS	5	0	10	103
ALL ISOPODA				103
DIPTERA				
CERATOPOGONIDAE	2	2	0	
CHIRONOMIDAE	203	310	444	6591
ALL DIPTERA				6618
EPHEMEROPTERA				
CAENIDAE				
CAENIS	7	2	14	
EPHEMERIDAE				
HEXAGENIA	3	13	1	
EPHEMERELLIDAE				
EPHEMERELLA	0	0	2	
ALL EPHEMEROPTERA				289

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/83

TRANSECT 10 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TRICHOPTERA				
LEPTOCERIDAE				
MYSTACIDES	1	1	0	
OECETIS	1	0	2	
ALL TRICHOPTERA				34
ACARINA	1	1	0	14
GASTROPODA				
AMNICOLA	137	12	72	
ELIMIA LIVESCENS	5	1	7	
GYRAULUS	12	1	4	
PHYSA	4	0	9	
VALVATA TRICARINATA	3	0	8	
ALL GASTROPODA				1894
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	43	24	24	627
UNIONIDAE	1	0	0	
ALL PELECYPODA				634

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/83

ST. CLAIR RIVER TRANSECT 10 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	1707	7	81	12362
ALL CNIDARIA				12362
RHABDOCOELA	79	27	103	1439
TRICLADIDA	6	0	1	48
NEMERTINEA	9	0	0	62
NEMATODA	118	51	88	1770
OLIGOCHAETA				
NAIS	76	0	0	
SPIROSPERMA	216	40	23	
OTHER	489	343	244	
ALL OLIGOCHAETA				9855
CLADOCERA				
BOSMINA	0	1	0	
ILYOCRYPTUS	32	18	4	
ALL CLADOCERA				379

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/83

TRANSECT 10 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
CYCLOPS BICUSPIDATUS	0	1	0	
DIAPTOMUS	0	4	0	
HARPACTICOIDA	112	42	13	
MACROCYCLOPS	0	1	0	
ALL COPEPODA				1191
OSTRACODA	0	1	0	7
AMPHIPODA				
GAMMARUS	59	6	30	
HYALELLA AZTECA	4	0	1	
PONTOPOREIA HOYI	0	1	0	
ALL AMPHIPODA				696
ISOPODA				
ASELLUS	1	0	4	34
ALL ISOPODA				34
TERRESTRIAL INSECT	2	0	0	14
DIPTERA				
CERATOPOGONIDAE	5	1	10	
CHIRONOMIDAE	598	262	247	7624
PSYCHODIDAE	1	0	0	
ALL DIPTERA				7741

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/83

TRANSECT 10 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
CAENIDAE				
CAENIS	15	4	2	
EPHEMERIDAE				
HEXAGENIA	18	22	6	
EPHEMERELLIDAE				
EPHEMERELLA	4	0	0	
ALL EPHEMEROPTERA				489
LEPIDOPTERA	1	0	0	7
TRICHOPTERA				
LEPTOCERIDAE				
OECETIS	1	3	2	
POLYCENTROPODIDAE				
NEURECLIPSIS	5	0	0	
ALL TRICHOPTERA				76
ODONATA				
COENAGRIONIDAE	1	0	0	7
ACARINA	5	0	2	48
TARDIGRADA	0	1	0	7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/83

TRANSECT 10 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
GASTROPODA				
AMNICOLA	84	25	36	
ELIMIA LIVESCENS	0	0	3	
GYRAULUS	24	1	2	
PHYSA	4	1	1	
ALL GASTROPODA				1246
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	10	11	15	
SPHAERIUM	22	0	1	
ALL SPHAERIIDAE				406
ALL PELECYPODA				406

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

LAKE ST. CLAIR TRANSECT 11 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	0	1	0	7
NEMATODA	73	68	13	1061
HIRUDINEA				
GLOSSIPHONIIDAE				
HELOBDELLA ELONGATA	1	0	0	
HELOBDELLA STAGNALIS	0	3	0	
PLACOBDELLA MONTIFERA	0	0	1	
ALL HIRUDINEA				34
OLIGOCHAETA				
SPIROSPERMA	1	1	0	
OTHER	39	47	36	
ALL OLIGOCHAETA				854
POLYCHAETA				
MANAYUNKIA SPECIOSA	28	16	5	337
ALL POLYCHAETA				337
CLADOCERA				
ILYOCRYPTUS	2	0	1	21
ALL CLADOCERA				21
COPEPODA				
HARPACTICOIDA	6	2	0	55
ALL COPEPODA				55
OSTRACODA	1	3	0	28

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

TRANSECT 11 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
AMPHIPODA				
GAMMARUS	0	1	8	62
ALL AMPHIPODA				62
TERRESTRIAL INSECT	0	1	0	7
DIPTERA				
CHIRONOMIDAE	58	80	26	1129
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	45	56	44	
EPHEMERELLIDAE				
EPHEMERELLA	0	0	1	
ALL EPHEMEROPTERA				1005
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	0	0	1	
LEPTOCERIDAE				
OECETIS	1	5	0	
ALL TRICHOPTERA				48
ACARINA	0	1	0	7
GASTROPODA				
AMNICOLA	1	0	0	7
ALL GASTROPODA				7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

TRANSECT 11 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	20	16	4	
SPHAERIUM	0	1	0	
ALL SPHAERIIDAE				282
UNIONIDAE				
LAMPSILIS RADIATA SILIQUOIDEA	0	0	1	
OTHER	0	1	0	
ALL PELECYPODA				296

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

LAKE ST. CLAIR TRANSECT 11 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	1	3	2	41
NEMATODA	94	98	233	2927
HIRUDINEA				
GLOSSIPHONIIDAE				
PLACOBDELLA MONTIFERA	0	1	0	
ALL HIRUDINEA				7
OLIGOCHAETA				
NAIS	0	0	1	
SPIROSPERMA	0	1	0	
OTHER	59	45	118	
ALL OLIGOCHAETA				1543
POLYCHAETA				
MANAYUNKIA SPECIOSA	9	4	19	220
ALL POLYCHAETA				220
CLADOCERA				
DAPHNIA	0	0	1	
ILYOCRYPTUS	1	0	3	
ALL CLADOCERA				34
COPEPODA				
DIAPTOMUS	1	0	3	
HARPACTICOIDA	0	5	24	
LIMNOCALANUS	0	2	2	
MESOCYCLOPS	0	0	1	
ALL COPEPODA				262

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

TRANSECT 11 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
OSTRACODA	0	4	6	69
AMPHIPODA				
GAMMARUS	1	4	5	69
ALL AMPHIPODA				69
DIPTERA				
CHIRONOMIDAE	34	45	68	1012
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	47	59	69	
ALL EPHEMEROPTERA				1205
TRICHOPTERA				
LEPTOCERIDAE				
OECETIS	0	5	0	
ALL TRICHOPTERA				34
ACARINA	1	3	1	34
GASTROPODA				
AMNICOLA	1	0	0	7
ALL GASTROPODA				7
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	17	16	49	
SPHAERIUM	2	0	1	
ALL SPHAERIIDAE				585
ALL PELECYPODA				585

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

LAKE ST. CLAIR TRANSECT 11 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PORIFERA				
SPONGILLA	0	4	0	+
ALL PORIFERA				0
RHABDOCOELA	2	0	0	14
NEMATODA	39	103	96	1639
HIRUDINEA				
GLOSSIPHONIIDAE				
HELOBDELLA ELONGATA	0	3	2	
ALL HIRUDINEA				34
OLIGOCHAETA				
SPIROSPERMA	0	2	0	
OTHER	330	345	461	
ALL OLIGOCHAETA				7837
POLYCHAETA				
MANAYUNKIA SPECIOSA	44	11	15	482
ALL POLYCHAETA				482
CLADOCERA				
DAPHNIA	2	0	0	
ILYOCRYPTUS	37	6	32	
ALL CLADOCERA				530

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

TRANSECT 11 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
CYCLOPOIDIDAE	0	0	1	
DIAPTOMUS	0	2	0	
HARPACTICOIDA	0	0	2	
LIMNOCALANUS	2	2	4	
MACROCYCLOPS	4	2	0	
ALL COPEPODA				131
OSTRACODA	1	0	2	21
AMPHIPODA				
GAMMARUS	1	0	3	28
ALL AMPHIPODA				28
TERRESTRIAL INSECT	0	0	1	7
DIPTERA				
CHIRONOMIDAE	46	27	59	909
EPHEMEROPTERA				
CAENIDAE				
CAENIS	0	0	1	
EPHEMERIDAE				
HEXAGENIA	50	38	59	
ALL EPHEMEROPTERA				1019
ACARINA	2	0	1	21

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

TRANSECT 11 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	33	22	43	
SPHAERIUM	2	7	15	
ALL SPHAERIIDAE				840
ALL PELECYPODA				840

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/83

LAKE ST. CLAIR TRANSECT 12 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	0	0	1	7
ALL CNIDARIA				7
RHABDOCOELA	1	1	1	21
NEMATODA	25	29	17	489
HIRUDINEA				
GLOSSIPHONIIDAE				
HELOBDELLA STAGNALIS	0	0	1	
ALL HIRUDINEA				7
OLIGOCHAETA				
SPIROSPERMA	4	0	0	
OTHER	27	52	34	
ALL OLIGOCHAETA				806
POLYCHAETA				
MANAYUNKIA SPECIOSA	82	146	74	2080
ALL POLYCHAETA				2080
CLADOCERA				
BOSMINA	1	0	0	7
ALL CLADOCERA				7
COPEPODA				
CYCLOPS BICUSPIDATUS	0	1	0	
HARPACTICOIDA	4	7	9	
LIMNOCALANUS	1	1	1	
ALL COPEPODA				165

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/83

TRANSECT 12 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
OSTRACODA	6	8	1	103
AMPHIPODA				
GAMMARUS	16	5	25	317
ALL AMPHIPODA				317
DIPTERA				
CHIRONOMIDAE	50	60	42	1047
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	25	20	16	
ALL EPHEMEROPTERA				420
ACARINA	1	0	0	7
GASTROPODA				
AMNICOLA	8	2	8	
ELIMIA LIVESCENS	0	0	1	
GYRAULUS	0	0	2	
PLEUROCERA ACUTA	0	7	0	
VALVATA TRICARINATA	1	0	0	
ALL GASTROPODA				200
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	15	11	13	
SPHAERIUM	0	1	0	
ALL SPHAERIIDAE				275
UNIONIDAE				
LEPTODEA FRAGILIS	1	0	0	
ALL PELECYPODA				282

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/83

LAKE ST. CLAIR TRANSECT 12 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	5	0	0	34
ALL CNIDARIA				34
NEMATODA	35	51	27	778
OLIGOCHAETA	22	27	23	496
POLYCHAETA				
MANAYUNKIA SPECIOSA	0	2	19	145
ALL POLYCHAETA				145
COPEPODA				
DIAPTOMUS	0	1	0	
HARPACTICOIDA	0	6	3	
LIMNOCALANUS	1	0	0	
MACROCYCLOPS	0	0	1	
ALL COPEPODA				83
OSTRACODA	3	4	5	83
AMPHIPODA				
GAMMARUS	20	6	12	262
ALL AMPHIPODA				262
DIPTERA				
CHIRONOMIDAE	55	51	27	916

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/83

TRANSECT 12 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	23	30	26	
ALL EPHEMEROPTERA				544
TRICHOPTERA				
LEPTOCERIDAE				
OECETIS	5	0	5	
ALL TRICHOPTERA				69
ACARINA	2	2	0	28
GASTROPODA				
AMNICOLA	2	3	1	
PHYSA	1	0	0	
PLEUROCERA ACUTA	1	0	1	
ALL GASTROPODA				62
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	13	19	16	
SPHAERIUM	1	2	1	
ALL SPHAERIIDAE				358
ALL PELECYPODA				358

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

LAKE ST. CLAIR TRANSECT 12 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	2	1	2	34
NEMATODA	100	17	76	1329
HIRUDINEA				
GLOSSIPHONIIDAE				
HELOBDELLA ELONGATA	1	0	0	
HELOBDELLA STAGNALIS	2	0	0	
ALL HIRUDINEA				21
OLIGOCHAETA	372	93	460	6370
POLYCHAETA				
MANAYUNKIA SPECIOSA	9	13	8	207
ALL POLYCHAETA				207
CLADOCERA				
DAPHNIA	1	2	0	
ILYOCRYPTUS	47	1	21	
ALL CLADOCERA				496

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

TRANSECT 12 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
CYCLOPOIDIDAE	0	0	1	
CYCLOPS BICUSPIDATUS	2	0	0	
CYCLOPS VERNALIS	1	0	0	
DIAPTOMUS	3	1	3	
HARPACTICOIDA	4	0	0	
LIMNOCALANUS	1	6	0	
MACROCYCLOPS	0	0	1	
MESOCYCLOPS	0	1	0	
ALL COPEPODA				165
OSTRACODA	3	0	10	90
AMPHIPODA				
GAMMARUS	5	8	4	117
ALL AMPHIPODA				117
TERRESTRIAL INSECT	1	1	0	14
DIPTERA				
CHIRONOMIDAE	64	32	38	923
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	26	36	23	
ALL EPHEMEROPTERA				585

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 5/83

TRANSECT 12 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
ACARINA	0	2	1	21
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	51	30	86	1150
ALL PELECYPODA				1150

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/83

LAKE ST. CLAIR TRANSECT 13 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	0	1	0	7
ALL CNIDARIA				7
RHABDOCOELA	2	3	9	96
NEMATODA	10	27	26	434
OLIGOCHAETA				
SPIROSPERMA	1	1	2	
OTHER	9	9	18	
ALL OLIGOCHAETA				275
POLYCHAETA				
MANAYUNKIA SPECIOSA	31	104	30	1136
ALL POLYCHAETA				1136
CLADOCERA				
CHYDORUS	0	1	0	
DAPHNIA	0	1	0	
ALL CLADOCERA				14
COPEPODA				
HARPACTICOIDA	0	7	1	
LIMNOCALANUS	0	0	1	
ALL COPEPODA				62
OSTRACODA	0	2	1	21

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/83

TRANSECT 13 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
AMPHIPODA				
GAMMARUS	14	17	8	269
ALL AMPHIPODA				269
DIPTERA				
CHIRONOMIDAE	14	35	20	475
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	15	29	25	
ALL EPHEMEROPTERA				475
TRICHOPTERA				
LEPTOCERIDAE				
OECETIS	1	2	3	
ALL TRICHOPTERA				41
ACARINA	1	0	1	14
GASTROPODA				
AMNICOLA	0	2	0	
ELIMIA LIVESCENS	1	2	0	
GYRAULUS	0	4	0	
ALL GASTROPODA				62
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	10	28	3	
SPHAERIUM	1	0	0	
ALL SPHAERIIDAE				289
UNIONIDAE				
LAMPSILIS RADIATA SILIQUOIDEA	1	0	0	
ALL PELECYPODA				296

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/83

LAKE ST. CLAIR TRANSECT 13 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PORIFERA				
SPONGILLA	0	0	+	+
ALL PORIFERA				0
CNIDARIA				
HYDRA	0	136	0	937
ALL CNIDARIA				937
RHABDOCOELA	0	1	0	7
NEMERTINEA	0	3	0	21
NEMATODA	43	411	36	3374
HIRUDINEA				
GLOSSIPHONIIDAE				
HELOBDELLA STAGNALIS	1	1	0	
ALL HIRUDINEA				14
OLIGOCHAETA				
SPIROSPERMA	0	3	0	
OTHER	59	97	31	
ALL OLIGOCHAETA				1308
POLYCHAETA				
MANAYUNKIA SPECIOSA	11	60	4	516
ALL POLYCHAETA				516

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/83

TRANSECT 13 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
CYCLOPOIDIDAE	1	3	0	
DIAPTOMUS	0	2	0	
HARPACTICOIDA	26	4	1	
LIMNOCALANUS	0	2	1	
MACROCYCLOPS	1	0	0	
ALL COPEPODA				282
OSTRACODA	4	4	0	55
AMPHIPODA				
GAMMARUS	3	62	20	585
ALL AMPHIPODA				585
DIPTERA				
CERATOPOGONIDAE	0	1	0	
CHIRONOMIDAE	48	18	20	592
ALL DIPTERA				599
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	24	18	16	
BAETISCIDAE				
BAETISCA	0	1	0	
ALL EPHEMEROPTERA				406

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/83

TRANSECT 13 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	0	13	0	
LEPTOCERIDAE				
MYSTACIDES	0	1	0	
OECETIS	7	0	0	
ALL TRICHOPTERA				145
ACARINA	1	1	0	14
GASTROPODA				
AMNICOLA	5	0	0	
BITHYNIA	0	0	1	
VALVATA TRICARINATA	0	0	1	
ALL GASTROPODA				48
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	28	14	12	
SPHAERIUM	1	0	0	
ALL SPHAERIIDAE				379
UNIONIDAE	1	0	0	
ALL PELECYPODA				386

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/83

LAKE ST. CLAIR TRANSECT 13 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	0	3	0	21
NEMERTINEA	0	0	1	7
NEMATODA	36	47	68	1040
HIRUDINEA				
GLOSSIPHONIIDAE				
HELOBDELLA STAGNALIS	0	0	1	
ALL HIRUDINEA				7
OLIGOCHAETA	255	6	217	3292
POLYCHAETA				
MANAYUNKIA SPECIOSA	0	38	0	262
ALL POLYCHAETA				262
CLADOCERA				
ILYOCRYPTUS	5	2	3	69
ALL CLADOCERA				69

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/83

TRANSECT 13 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
CYCLOPOIDIDAE	0	3	0	
CYCLOPS BICUSPIDATUS	0	0	1	
DIAPTOMUS	1	2	0	
HARPACTICOIDA	3	3	4	
LIMNOCALANUS	1	0	0	
MACROCYCLOPS	0	0	1	
MESOCYCLOPS	1	0	0	
ALL COPEPODA				138
OSTRACODA	1	2	3	41
AMPHIPODA				
GAMMARUS	1	1	7	62
ALL AMPHIPODA				62
DIPTERA				
CHIRONOMIDAE	74	19	95	1295
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	32	28	51	
ALL EPHEMEROPTERA				764
TRICHOPTERA				
LEPTOCERIDAE				
OECETIS	1	4	2	
ALL TRICHOPTERA				48
ACARINA	2	1	2	34

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/83

TRANSECT 13 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
GASTROPODA				
PLEUROCERA ACUTA	0	0	1	7
ALL GASTROPODA				7
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	26	0	10	
SPHAERIUM	0	6	1	
ALL SPHAERIIDAE				296
ALL PELECYPODA				296

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/10/83

DETROIT RIVER TRANSECT 14 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	2	14	8	165
ALL CNIDARIA				165
RHABDOCOELA	1	1	0	14
NEMERTINEA	6	4	1	76
NEMATODA	0	0	24	165
OLIGOCHAETA				
BRANCHIURA	0	0	1	
NAIS	0	0	2	
SPIROSPERMA	0	0	7	
OTHER	20	151	334	
ALL OLIGOCHAETA				3547
POLYCHAETA				
MANAYUNKIA SPECIOSA	55	36	99	1308
ALL POLYCHAETA				1308
CLADOCERA				
DAPHNIA	4	4	3	76
ALL CLADOCERA				76

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/10/83

TRANSECT 14 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
CYCLOPS BICUSPIDATUS	1	1	4	
DIAPTOMUS	10	5	0	
HARPACTICOIDA	0	10	85	
LIMNOCALANUS	1	0	7	
ALL COPEPODA				854
OSTRACODA	1	4	2	48
DIPTERA				
CERATOPOGONIDAE	0	1	0	
CHIRONOMIDAE	2	8	49	406
ALL DIPTERA				413
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	0	0	1	
BAETISCIDAE				
BAETISCA	0	0	2	
ALL EPHEMEROPTERA				21
TRICHOPTERA				
LEPTOCERIDAE				
CERACLEA	0	1	0	
ALL TRICHOPTERA				7
ACARINA	0	1	3	28

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/10/83

TRANSECT 14 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
GASTROPODA				
AMNICOLA	4	1	22	
ELIMIA LIVESCENS	10	10	0	
ALL GASTROPODA				324
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	4	14	12	
SPHAERIUM	1	4	7	
ALL SPHAERIIDAE				289
ALL PELECYPODA				289

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/10/83

DETROIT RIVER TRANSECT 14 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	4	25	17	317
ALL CNIDARIA				317
RHABDOCOELA	0	1	0	7
NEMERTINEA	4	6	1	76
NEMATODA	10	7	5	152
OLIGOCHAETA				
BRANCHIURA	0	1	0	
NAIS	1	2	0	
SPIROSPERMA	3	19	5	
OTHER	133	319	189	
ALL OLIGOCHAETA				4628
POLYCHAETA				
MANAYUNKIA SPECIOSA	148	506	296	6542
ALL POLYCHAETA				6542
CLADOCERA				
DAPHNIA	2	2	2	41
ALL CLADOCERA				41

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/10/83

TRANSECT 14 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
CYCLOPS BICUSPIDATUS	0	1	1	
DIAPTOMUS	2	4	0	
HARPACTICOIDA	0	29	8	
ALL COPEPODA				310
OSTRACODA	0	25	8	227
DIPTERA				
CHIRONOMIDAE	44	75	26	999
EPHEMEROPTERA				
BAETISCIDAE				
BAETISCA	2	0	0	
ALL EPHEMEROPTERA				14
ACARINA	0	0	2	14
GASTROPODA				
AMNICOLA	1	2	2	
BITHYNIA	0	1	0	
ELIMIA LIVESCENS	0	6	3	
PLEUROCERA ACUTA	0	0	1	
ALL GASTROPODA				110

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/10/83

TRANSECT 14 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	16	36	16	
SPHAERIUM	2	22	12	
ALL SPHAERIIDAE				716
UNIONIDAE				
LAMPSILIS RADIATA SILIQUOIDEA	0	0	1	
ALL PELECYPODA				723

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/10/83

DETROIT RIVER TRANSECT 14 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	16	0	4	138
ALL CNIDARIA				138
RHABDOCOELA	1	1	0	14
NEMERTINEA	38	7	15	413
NEMATODA	20	20	27	461
HIRUDINEA				
GLOSSIPHONIIDAE	0	0	1	7
OLIGOCHAETA				
BRANCHIURA SOWERBYI	1	0	0	
SPIROSPERMA	185	68	180	
OTHER	285	59	144	
ALL OLIGOCHAETA				6349
POLYCHAETA				
MANAYUNKIA SPECIOSA	1293	197	417	13133
ALL POLYCHAETA				13133
CLADOCERA				
ALONA	0	1	0	
DAPHNIA	0	4	1	
ILYOCRYPTUS	0	4	0	
ALL CLADOCERA				69

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/10/83

TRANSECT 14 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
CYCLOPS BICUSPIDATUS	0	0	1	
DIAPTOMUS	3	4	5	
HARPACTICOIDA	1	0	1	
LIMNOCALANUS	2	6	3	
PARACYCLOPS	0	0	2	
ALL COPEPODA				193
OSTRACODA	83	8	187	1914
TERRESTRIAL INSECT	0	1	0	7
DIPTERA				
CHIRONOMIDAE	93	34	107	1611
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	1	1	4	
BAETISCIDAE				
BAETISCA	1	0	0	
ALL EPHEMEROPTERA				48
TRICHOPTERA				
LEPTOCERIDAE				
CERACLEA	2	0	0	
ALL TRICHOPTERA				14
ACARINA	4	3	4	76

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/10/83

TRANSECT 14 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
GASTROPODA				
AMNICOLA	0	1	0	
ELIMIA LIVESCENS	0	0	1	
ALL GASTROPODA				14
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	54	11	20	
SPHAERIUM	30	2	3	
ALL SPHAERIIDAE				826
ALL PELECYPODA				826

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/10/83

DETROIT RIVER TRANSECT 15 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	33	8	39	551
ALL CNIDARIA				551
RHABDOCOELA	0	0	2	14
NEMATODA	8	16	5	200
OLIGOCHAETA				
SPIROSPERMA	0	0	1	
OTHER	11	66	23	
ALL OLIGOCHAETA				696
POLYCHAETA				
MANAYUNKIA SPECIOSA	0	0	3	21
ALL POLYCHAETA				21
CLADOCERA				
DAPHNIA	5	6	0	76
ALL CLADOCERA				76
COPEPODA				
CYCLOPS BICUSPIDATUS	5	10	0	
DIAPTOMUS	7	11	0	
LIMNOCALANUS	3	0	0	
ALL COPEPODA				248
OSTRACODA	2	0	0	14

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/10/83

TRANSECT 15 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
AMPHIPODA				
GAMMARUS	0	0	1	7
ALL AMPHIPODA				7
DIPTERA				
CHIRONOMIDAE	0	3	6	62
GASTROPODA				
AMNICOLA	4	9	0	
ELIMIA LIVESCENS	2	3	9	
ALL GASTROPODA				186
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	6	17	21	
SPHAERIUM	0	0	1	
ALL SPHAERIIDAE				310
ALL PELECYPODA				310

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/10/83

DETROIT RIVER TRANSECT 15 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	159	266	383	5564
ALL CNIDARIA				5564
TRICLADIDA	0	1	2	21
NEMERTINEA	5	9	8	152
NEMATODA	167	192	209	3912
OLIGOCHAETA				
SPIROSPERMA	15	17	12	
OTHER	140	115	84	
ALL OLIGOCHAETA				2638
POLYCHAETA				
MANAYUNKIA SPECIOSA	42	34	33	751
ALL POLYCHAETA				751
CLADOCERA				
BOSMINA	0	0	1	7
ALL CLADOCERA				7
COPEPODA				
CYCLOPS BICUSPIDATUS	2	0	0	
DIAPTOMUS	2	4	3	
HARPACTICOIDA	1	1	0	
LIMNOCALANUS	1	2	1	
ALL COPEPODA				117

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/10/83

TRANSECT 15 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
OSTRACODA	9	7	4	138
DIPTERA				
CHIRONOMIDAE	2	3	2	48
EPHEMEROPTERA				
CAENIDAE				
CAENIS	1	1	0	
EPHEMERIDAE				
HEXAGENIA	1	2	0	
BAETISCIDAE				
BAETISCA	1	2	1	
ALL EPHEMEROPTERA				62
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	8	7	10	
ALL TRICHOPTERA				172
GASTROPODA				
ELIMIA LIVESCENS	0	1	1	14
ALL GASTROPODA				14
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	4	10	15	
SPHAERIUM	2	1	0	
ALL SPHAERIIDAE				220
ALL PELECYPODA				220

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/10/83

DETROIT RIVER TRANSECT 15 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	1087	561	39	11618
ALL CNIDARIA				11618
RHABDOCOELA	0	1	0	7
NEMERTINEA	8	4	9	145
NEMATODA	56	19	21	661
HIRUDINEA				
GLOSSIPHONIIDAE	1	0	0	7
OLIGOCHAETA				
SPIROSPERMA	0	9	38	
OTHER	30	89	177	
ALL OLIGOCHAETA				2362
POLYCHAETA				
MANAYUNKIA SPECIOSA	16	46	168	1584
ALL POLYCHAETA				1584
CLADOCERA				
DAPHNIA	1	1	0	14
ALL CLADOCERA				14

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/10/83

TRANSECT 15 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
CYCLOPS BICUSPIDATUS	2	3	2	
DIAPTOMUS	3	7	2	
LIMNOCALANUS	1	1	2	
ALL COPEPODA				158
OSTRACODA	9	14	22	310
DIPTERA				
CHIRONOMIDAE	2	1	9	83
EPHEMEROPTERA				
EPHEMEROPTERA	0	0	1	
BAETISCIDAE				
BAETISCA	3	6	1	
ALL EPHEMEROPTERA				76
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	21	4	0	
HYDROPSYCHE	2	1	0	
ALL TRICHOPTERA				193
ACARINA	0	0	1	7
GASTROPODA				
ELIMIA LIVESCENS	3	0	0	21
ALL GASTROPODA				21

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/10/83

TRANSECT 15 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	10	9	24	
SPHAERIUM	3	0	3	
ALL SPHAERIIDAE				337
ALL PELECYPODA				337

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/10/83

DETROIT RIVER TRANSECT 16 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	269	211	192	4628
ALL CNIDARIA				4628
RHABDOCOELA	6	8	32	317
NEMATODA	86	72	138	2038
HIRUDINEA				
ERPOBDELLIDAE	3	2	9	
GLOSSIPHONIIDAE				
GLOSSIPHONIA HETEROCLITA	0	0	1	
HELOBDELLA ELONGATA	1	2	0	
HELOBDELLA STAGNALIS	1	1	0	
ALL HIRUDINEA				138
OLIGOCHAETA				
NAIS	0	0	1	
SPIROSPERMA	0	0	1	
OTHER	439	220	416	
ALL OLIGOCHAETA				7417
CLADOCERA				
ALONA	1	0	0	
DAPHNIA	3	0	1	
ILYOCRYPTUS	0	1	0	
ALL CLADOCERA				41

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/10/83

TRANSECT 16 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
CYCLOPS BICUSPIDATUS	2	0	0	
CYCLOPS VERNALIS	2	0	0	
DIAPTOMUS	4	0	0	
HARPACTICOIDA	41	41	16	
MACROCYCLOPS	3	1	8	
ALL COPEPODA				813
OSTRACODA	102	65	92	1784
AMPHIPODA				
GAMMARUS	1	0	0	
HYALELLA AZTECA	12	12	14	
ALL AMPHIPODA				269
ISOPODA				
ASELLUS	1	3	0	28
ALL ISOPODA				28
TERRESTRIAL INSECT	1	0	0	7
DIPTERA				
CERATOPOGONIDAE	14	18	17	
CHIRONOMIDAE	180	176	160	3554
ALL DIPTERA				3891

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/10/83

TRANSECT 16 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
CAENIDAE				
CAENIS	5	7	1	
EPHEMERIDAE				
HEXAGENIA	5	3	6	
ALL EPHEMEROPTERA				186
LEPIDOPTERA	0	1	1	14
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	2	3	2	
POLYCENTROPODIDAE				
PHYLOCENTROPUS	1	0	0	
ALL TRICHOPTERA				55
ACARINA	2	0	0	14
GASTROPODA				
AMNICOLA	13	3	9	
CAMPELOMA	0	0	1	
GYRAULUS	2	1	2	
PHYSA	0	0	1	
PLEUROCERA ACUTA	0	1	1	
ALL GASTROPODA				234

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/10/83

DETROIT RIVER TRANSECT 16 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	545	729	1039	15929
ALL CNIDARIA				15929
RHABDOCOELA	4	11	30	310
NEMERTINEA	3	1	8	83
NEMATODA	287	356	311	6570
OLIGOCHAETA				
NAIS	8	1	3	
SPIROSPERMA	13	19	19	
STYLARIA	0	0	1	
OTHER	309	374	308	
ALL OLIGOCHAETA				7265
POLYCHAETA				
MANAYUNKIA SPECIOSA	0	0	6	41
ALL POLYCHAETA				41
CLADOCERA				
BOSMINA	0	2	2	
DIAPHANASOMA	0	1	0	
ILYOCRYPTUS	0	0	2	
ALL CLADOCERA				48

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/10/83

TRANSECT 16 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
CYCLOPS BICUSPIDATUS	0	8	7	
DIAPTOMUS	0	7	2	
HARPACTICOIDA	24	25	29	
LIMNOCALANUS	0	4	3	
MACROCYCLOPS	2	3	0	
MESOCYCLOPS	0	0	1	
PARACYCLOPS	0	1	1	
ALL COPEPODA				806
OSTRACODA	59	67	98	1543
AMPHIPODA				
GAMMARUS	8	0	6	
HYALELLA AZTECA	1	2	6	
ALL AMPHIPODA				158
TERRESTRIAL INSECT	0	1	2	21
DIPTERA				
CERATOPOGONIDAE	0	14	16	
CHIRONOMIDAE	154	285	202	4414
ALL DIPTERA				4621

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/10/83

TRANSECT 16 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
CAENIDAE				
CAENIS	10	12	13	
EPHEMERIDAE				
HEXAGENIA	27	15	15	
ALL EPHEMEROPTERA				634
LEPIDOPTERA	1	1	2	28
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	2	3	8	
HYDROPSYCHE	0	0	5	
LEPTOCERIDAE				
OECETIS	0	1	2	
POLYCENTROPODIDAE				
NEURECLIPSIS	0	0	1	
PHYLOCENTROPUS	1	0	1	
ALL TRICHOPTERA				165
ACARINA	5	4	1	69
TARDIGRADA	0	0	1	7
GASTROPODA				
AMNICOLA	10	3	4	
ELIMIA LIVESCENS	0	0	1	
ALL GASTROPODA				124

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/10/83

TRANSECT 16 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	27	55	31	778
ALL PELECYPODA				778

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/10/83

DETROIT RIVER TRANSECT 16 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	730	123	59	6281
ALL CNIDARIA				6281
RHABDOCOELA	3	3	2	55
NEMERTINEA	2	6	0	55
NEMATODA	33	76	23	909
OLIGOCHAETA				
SPIROSPERMA	17	17	12	
OTHER	189	179	436	
ALL OLIGOCHAETA				5854
POLYCHAETA				
MANAYUNKIA SPECIOSA	4	29	0	227
ALL POLYCHAETA				227
CLADOCERA				
BOSMINA	1	0	0	
DAPHNIA	1	0	2	
ALL CLADOCERA				28

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/10/83

TRANSECT 16 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
CYCLOPS BICUSPIDATUS	0	1	2	
DIAPTOMUS	1	2	2	
HARPACTICOIDA	0	3	4	
LIMNOCALANUS	1	0	2	
ALL COPEPODA				124
OSTRACODA	4	8	1	90
AMPHIPODA				
GAMMARUS	14	2	2	
HYALELLA AZTECA	1	0	0	
ALL AMPHIPODA				131
DIPTERA				
CERATOPOGONIDAE	1	6	3	
CHIRONOMIDAE	11	45	42	675
ALL DIPTERA				744
EPHEMEROPTERA				
CAENIDAE				
CAENIS	0	3	0	
EPHEMERIDAE				
HEXAGENIA	1	16	0	
BAETISCIDAE				
BAETISCA	0	2	0	
ALL EPHEMEROPTERA				152

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/10/83

TRANSECT 16 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	7	0	0	
HYDROPSYCHE	3	1	0	
ALL TRICHOPTERA				76
ACARINA	0	5	0	34
GASTROPODA				
AMNICOLA	1	1	2	
PLEUROCERA ACUTA	2	1	1	
ALL GASTROPODA				55
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	16	42	22	
SPHAERIUM	1	8	1	
ALL SPHAERIIDAE				620
UNIONIDAE				
ELLIPTIO DILATATUS	1	0	0	
LEPTODEA FRAGILIS	1	0	0	
PLEUROBEMA CORDATUM	1	0	0	
PROPTERA ALATA	0	1	0	
TRUNCILLA TRUNCATA	1	0	0	
OTHER	1	1	0	
ALL PELECYPODA				668

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/10/83

DETROIT RIVER TRANSECT 17 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	280	452	178	6267
ALL CNIDARIA				6267
RHABDOCOELA	14	26	23	434
NEMERTINEA	0	4	1	34
NEMATODA	202	182	87	3244
HIRUDINEA				
ERPOBDELLIDAE	1	1	3	
GLOSSIPHONIIDAE	0	0	1	
ALL HIRUDINEA				41
OLIGOCHAETA				
NAIS	0	1	0	
SPIROSPERMA	1	3	18	
OTHER	629	708	432	
ALL OLIGOCHAETA				12341
POLYCHAETA				
MANAYUNKIA SPECIOSA	4	19	16	269
ALL POLYCHAETA				269
CLADOCERA				
ALONA	1	0	0	7
ALL CLADOCERA				7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/10/83

TRANSECT 17 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
CYCLOPOIDIDAE	6	0	0	
CYCLOPS BICUSPIDATUS	0	28	16	
DIAPTOMUS	2	1	0	
HARPACTICOIDA	140	123	100	
LIMNOCALANUS	0	2	0	
MACROCYCLOPS	1	0	0	
MESOCYCLOPS	1	0	0	
ALL COPEPODA				2892
AMPHIPODA				
GAMMARUS	1	6	0	
HYALELLA AZTECA	1	2	0	
ALL AMPHIPODA				69
ISOPODA				
ASELLUS	1	3	0	
LIRCEUS	1	1	2	
ALL ISOPODA				55
DIPTERA				
CERATOPOGONIDAE	4	4	3	
CHIRONOMIDAE	145	161	133	3023
ALL DIPTERA				3099
EPHEMEROPTERA				
CAENIDAE				
CAENIS	3	3	9	
EPHEMERIDAE				
HEXAGENIA	3	3	0	
ALL EPHEMEROPTERA				145

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/10/83

TRANSECT 17 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
LEPIDOPTERA	0	1	0	7
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	1	1	1	
HYDROPSYCHE	2	1	0	
LEPTOCERIDAE				
OECETIS	0	7	0	
POLYCENTROPODIDAE				
PHYLOCENTROPUS	2	0	1	
ALL TRICHOPTERA				110
ACARINA	2	7	2	76
GASTROPODA				
AMNICOLA	16	11	3	
ELIMIA LIVESCENS	1	0	0	
PHYSA	0	1	0	
PLEUROCERA ACUTA	1	0	1	
ALL GASTROPODA				234
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	28	7	4	
SPHAERIUM	0	1	0	
ALL SPHAERIIDAE				275
UNIONIDAE				
ELLIPTIO DILATATUS	0	1	0	
PLEUROBEMA CORDATUM	0	1	0	
ALL PELECYPODA				289

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/10/83

DETROIT RIVER TRANSECT 17 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	189	342	177	4876
ALL CNIDARIA				4876
RHABDOCOELA	0	1	1	14
NEMERTINEA	2	0	2	28
NEMATODA	117	143	123	2638
OLIGOCHAETA				
SPIROSPERMA	13	9	4	
OTHER	113	239	129	
ALL OLIGOCHAETA				3492
POLYCHAETA				
MANAYUNKIA SPECIOSA	666	468	345	10185
ALL POLYCHAETA				10185
CLADOCERA				
DAPHNIA	0	1	3	28
ALL CLADOCERA				28
COPEPODA				
DIAPTOMUS	0	2	4	
HARPACTICOIDA	6	75	10	
LIMNOCALANUS	1	1	0	
MESOCYCLOPS	1	0	0	
ALL COPEPODA				689

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/10/83

TRANSECT 17 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
OSTRACODA	2	1	2	34
DIPTERA				
CERATOPOGONIDAE	1	0	0	
CHIRONOMIDAE	42	21	47	758
ALL DIPTERA				764
EPHEMEROPTERA				
CAENIDAE				
CAENIS	1	0	0	
EPHEMERIDAE				
HEXAGENIA	1	3	2	
ALL EPHEMEROPTERA				48
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	2	1	0	
LEPTOCERIDAE				
NECTOPSYCHE	0	1	0	
OECETIS	5	3	4	
ALL TRICHOPTERA				110
ACARINA	0	1	1	14
GASTROPODA				
AMNICOLA	3	0	0	
ELIMIA LIVESCENS	0	2	1	
PLEUROCERA ACUTA	0	0	2	
ALL GASTROPODA				55

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/10/83

TRANSECT 17 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	15	4	17	
SPHAERIUM	1	0	3	
ALL SPHAERIIDAE				275
UNIONIDAE	0	0	1	
ALL PELECYPODA				282

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/10/83

DETROIT RIVER TRANSECT 17 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	24	116	63	1398
ALL CNIDARIA				1398
RHABDOCOELA	1	0	0	7
NEMERTINEA	2	2	4	55
NEMATODA	76	111	48	1618
OLIGOCHAETA				
SPIROSPERMA	33	18	24	
OTHER	45	30	92	
ALL OLIGOCHAETA				1667
POLYCHAETA				
MANAYUNKIA SPECIOSA	2005	155	682	19572
ALL POLYCHAETA				19572
COPEPODA				
DIAPTOMUS	2	0	0	
LIMNOCALANUS	2	2	1	
ALL COPEPODA				48
OSTRACODA	0	0	2	14

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/10/83

TRANSECT 17 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
DIPTERA				
CERATOPOGONIDAE	1	0	0	
CHIRONOMIDAE	13	11	6	207
ALL DIPTERA				213
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	1	1	0	
BAETISCIDAE				
BAETISCA	0	0	1	
ALL EPHEMEROPTERA				21
TRICHOPTERA				
LEPTOCERIDAE				
OECETIS	1	0	0	
ALL TRICHOPTERA				7
ACARINA	2	0	0	14
GASTROPODA				
AMNICOLA	0	1	0	7
ALL GASTROPODA				7
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	5	1	13	
SPHAERIUM	1	5	0	
ALL SPHAERIIDAE				172
ALL PELECYPODA				172

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/11/83

DETROIT RIVER TRANSECT 18 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	87	8	32	875
ALL CNIDARIA				875
RHABDOCOELA	11	17	41	475
NEMERTINEA	4	0	0	28
NEMATODA	80	17	8	723
HIRUDINEA				
ERPOBDELLIDAE	1	0	0	7
OLIGOCHAETA				
NAIS	16	0	32	
SPIROSPERMA	372	14	230	
OTHER	104	121	168	712250
ALL OLIGOCHAETA				241123
POLYCHAETA				
MANAYUNKIA SPECIOSA	404	0	0	2782
ALL POLYCHAETA				2782
CLADOCERA				
DAPHNIA	1	0	1	
ILYOCRYPTUS	4	8	8	
ALL CLADOCERA				152

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/11/83

TRANSECT 18 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
CYCLOPS BICUSPIDATUS	6	0	8	
DIAPTOMUS	14	0	0	
LIMNOCALANUS	1	0	0	
ALL COPEPODA				200
OSTRACODA	1	8	1	69
AMPHIPODA				
GAMMARUS	0	1	0	7
ALL AMPHIPODA				7
DIPTERA				
CERATOPOGONIDAE	8	1	2	
CHIRONOMIDAE	13	6	6	172
ALL DIPTERA				248
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	1	3	0	
ALL EPHEMEROPTERA				28
LEPIDOPTERA	0	0	2	14
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	1	0	0	
ALL TRICHOPTERA				7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/11/83

TRANSECT 18 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
GASTROPODA				
AMNICOLA	1	0	1	
GYRAULUS	0	0	1	
ALL GASTROPODA				21
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	22	20	18	413
ALL PELECYPODA				413

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/11/83

DETROIT RIVER TRANSECT 18 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	103	19	0	840
ALL CNIDARIA				840
RHABDOCOELA	16	24	3	296
NEMERTINEA	3	194	2	1370
NEMATODA	275	5	31	2142
OLIGOCHAETA				
SPIROSPERMA	52	62	5	
OTHER	521	625	768 695	
ALL OLIGOCHAETA				218982
CLADOCERA				
DAPHNIA	0	1	0	
ILYOCRYPTUS	0	0	1	
ALL CLADOCERA				14
COPEPODA				
DIAPTOMUS	8	1	7	
LIMNOCALANUS	1	0	1	
ALL COPEPODA				124
OSTRACODA	0	0	1	7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/11/83

TRANSECT 18 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
AMPHIPODA				
GAMMARUS	20	13	0	
HYALELLA AZTECA	1	0	0	
ALL AMPHIPODA				234
DIPTERA				
CERATOPOGONIDAE	1	0	1	
CHIRONOMIDAE	38	35	2	516
PSYCHODIDAE	0	2	0	
TIPULIDAE	1	0	0	
ALL DIPTERA				551
EPHEMEROPTERA				
CAENIDAE				
CAENIS	0	1	0	
EPHEMERIDAE				
HEXAGENIA	1	2	0	
HEPTAGENIIDAE				
STENONEMA	0	1	0	
ALL EPHEMEROPTERA				34
LEPIDOPTERA	0	1	0	7
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	1	0	0	
HYDROPTILIDAE				
HYDROPTILA	4	0	0	
ALL TRICHOPTERA				34

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/11/83

TRANSECT 18 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
ODONATA				
COENAGRIONIDAE	0	1	0	7
ACARINA	6	3	0	62
TARDIGRADA	0	16	1	117
GASTROPODA				
AMNICOLA	1	1	1	
BITHYNIA	0	1	0	
FERISSIA	1	23	1	
PHYSA	3	2	0	
VALVATA TRICARINATA	0	0	1	
ALL GASTROPODA				241
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	29	22	1	358
ALL PELECYPODA				358

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/11/83

DETROIT RIVER TRANSECT 18 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	0	2	0	14
ALL CNIDARIA				14
RHABDOCOELA	5	9	28	289
NEMATODA	3	2	11	110
OLIGOCHAETA				
SPIROSPERMA	10	39	37	
OTHER	2239	3077	80	
ALL OLIGOCHAETA				37753
POLYCHAETA				
MANAYUNKIA SPECIOSA	3	0	0	21
ALL POLYCHAETA				21
COPEPODA				
CYCLOPOIDIDAE	1	1	0	
DIAPTOMUS	10	1	10	
HARPACTICOIDA	0	0	1	
LIMNOCALANUS	5	0	2	
ALL COPEPODA				213
OSTRACODA	0	0	2	14
TERRESTRIAL INSECT	0	0	1	7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/11/83

TRANSECT 18 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
DIPTERA				
CHIRONOMIDAE	4	2	1	48
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	0	2	0	
ALL EPHEMEROPTERA				14
ACARINA	0	0	1	7
GASTROPODA				
AMNICOLA	1	0	0	
GYRAULUS	0	0	1	
ALL GASTROPODA				14
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	6	6	13	172
ALL PELECYPODA				172

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/11/83

DETROIT RIVER TRANSECT 19 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	7	1	0	55
ALL CNIDARIA				55
RHABDOCOELA	58	3	15	523
NEMERTINEA	10	0	5	103
NEMATODA	59	38	32	888
OLIGOCHAETA				
SPIROSPERMA	30	7	26	
OTHER	414	191	397	
ALL OLIGOCHAETA				7334
POLYCHAETA				
MANAYUNKIA SPECIOSA	555	68	216	5778
ALL POLYCHAETA				5778
COPEPODA				
CYCLOPS BICUSPIDATUS	1	1	0	
DIAPTOMUS	3	5	1	
LIMNOCALANUS	0	1	1	
ALL COPEPODA				90
AMPHIPODA				
GAMMARUS	2	2	3	48
ALL AMPHIPODA				48

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/11/83

TRANSECT 19 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TERRESTRIAL INSECT	2	0	0	14
DIPTERA				
CERATOPOGONIDAE	56	33	33	
CHIRONOMIDAE	15	14	13	289
EMPIDIDAE	1	2	0	
ALL DIPTERA				1150
EPHEMEROPTERA				
CAENIDAE				
CAENIS	11	9	1	
BAETISCIDAE				
BAETISCA	1	0	0	
ALL EPHEMEROPTERA				152
TRICHOPTERA				
HYDROPSYCHIDAE				
HYDROPSYCHE	0	1	1	
HYDROPTILIDAE				
HYDROPTILA	0	2	0	
LEPTOCERIDAE				
NECTOPSYCHE	0	1	1	
OECETIS	8	0	0	
ALL TRICHOPTERA				96
ACARINA	0	4	0	28

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/11/83

TRANSECT 19 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
GASTROPODA				
AMNICOLA	6	9	7	
ELIMIA LIVESCENS	1	0	2	
FERISSIA	2	1	1	
PHYSA	1	0	1	
ALL GASTROPODA				213
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	53	51	46	1033
ALL PELECYPODA				1033

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/11/83

DETROIT RIVER TRANSECT 19 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	1	5	47	365
ALL CNIDARIA				365
RHABDOCOELA	3	0	9	83
NEMERTINEA	30	19	47	661
NEMATODA	5	15	13	227
OLIGOCHAETA				
SPIROSPERMA	12	6	11	
OTHER	276	204	283	
ALL OLIGOCHAETA				5454
POLYCHAETA				
MANAYUNKIA SPECIOSA	782	1008	775	17664
ALL POLYCHAETA				17664
CLADOCERA				
DAPHNIA	0	1	1	14
ALL CLADOCERA				14

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/11/83

TRANSECT 19 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
CYCLOPS BICUSPIDATUS	3	8	5	
DIAPTOMUS	3	12	7	
EPISHURA LACUSTRIS	1	0	0	
HARPACTICOIDA	0	1	3	
LIMNOCALANUS	3	2	4	
PARACYCLOPS	0	1	0	
ALL COPEPODA				365
AMPHIPODA				
GAMMARUS	0	0	1	7
ALL AMPHIPODA				7
DIPTERA				
CERATOPOGONIDAE	0	1	0	
CHIRONOMIDAE	1	0	0	7
EMPIDIDAE	1	0	0	
ALL DIPTERA				21
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	0	2	1	
BAETISCIDAE				
BAETISCA	0	1	0	
ALL EPHEMEROPTERA				28
GASTROPODA				
AMNICOLA	3	5	0	
ELIMIA LIVESCENS	1	0	2	
ALL GASTROPODA				76

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/11/83

TRANSECT 19 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	15	29	5	337

ALL PELECYPODA				337

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/11/83

DETROIT RIVER TRANSECT 19 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	167	79	18	1818
ALL CNIDARIA				1818
RHABDOCOELA	0	30	0	207
NEMERTINEA	49	80	30	1095
NEMATODA	7	2	6	103
OLIGOCHAETA				
NAIS	0	0	1	
SPIROSPERMA	9	81	27	
OTHER	26	709	41	
ALL OLIGOCHAETA				6157
POLYCHAETA				
MANAYUNKIA SPECIOSA	1	5	1	48
ALL POLYCHAETA				48
CLADOCERA				
DAPHNIA	1	1	0	14
ALL CLADOCERA				14
COPEPODA				
CYCLOPS BICUSPIDATUS	3	5	0	
DIAPTOMUS	5	5	3	
LIMNOCALANUS	0	3	2	
ALL COPEPODA				179

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/11/83

TRANSECT 19 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TERRESTRIAL INSECT	0	1	0	7
DIPTERA				
CHIRONOMIDAE	3	1	0	28
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	1	0	0	
ALL EPHEMEROPTERA				7
LEPIDOPTERA	0	1	0	7
TRICHOPTERA				
HYDROPSYCHIDAE				
HYDROPSYCHE	0	1	1	
POLYCENTROPODIDAE				
POLYCENTROPUS	0	2	0	
ALL TRICHOPTERA				28
GASTROPODA				
AMNICOLA	1	3	0	
ELIMIA LIVESCENS	4	7	0	
FERISSIA	0	2	0	
ALL GASTROPODA				117
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	0	2	0	14
ALL PELECYPODA				14

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/11/83

DETROIT RIVER TRANSECT 20 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	8	8	93	751
ALL CNIDARIA				751
RHABDOCOELA	8	11	94	778
NEMERTINEA	0	2	0	14
NEMATODA	26	8	102	937
OLIGOCHAETA				
NAIS	0	2	0	
SPIROSPERMA	13	22	59	
OTHER	192	346	2972	
ALL OLIGOCHAETA				24833
POLYCHAETA				
MANAYUNKIA SPECIOSA	13	7	32	358
ALL POLYCHAETA				358
COPEPODA				
DIAPTOMUS	2	0	8	
HARPACTICOIDA	2	0	8	
ALL COPEPODA				138
AMPHIPODA				
GAMMARUS	4	3	8	
HYALELLA AZTECA	3	3	0	
ALL AMPHIPODA				145

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/11/83

TRANSECT 20 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
ISOPODA				
ASELLUS	1	2	0	21
ALL ISOPODA				21
TERRESTRIAL INSECT	2	0	0	14
DIPTERA				
CERATOPOGONIDAE	6	0	2	
CHIRONOMIDAE	13	49	41	709
EMPIDIDAE	1	0	0	
ALL DIPTERA				771
EPHEMEROPTERA				
CAENIDAE				
CAENIS	8	6	1	
BAETISCIDAE				
BAETISCA	0	1	0	
ALL EPHEMEROPTERA				110
LEPIDOPTERA	0	2	2	28
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	1	0	0	
POLYCENTROPODIDAE				
NEURECLIPSIS	1	2	1	
ALL TRICHOPTERA				34
ODONATA				
COENAGRIONIDAE	0	0	1	7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/11/83

TRANSECT 20 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
ACARINA	1	8	6	103
GASTROPODA				
AMNICOLA	5	6	14	
ELIMIA LIVESCENS	1	3	1	
FERISSIA	1	0	0	
GYRAULUS	1	4	0	
PHYSA	1	3	3	
ALL GASTROPODA				296
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	24	9	17	344
ALL PELECYPODA				344

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/11/83

DETROIT RIVER TRANSECT 20 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	2	2	12	110
ALL CNIDARIA				110
NEMERTINEA	2	3	1	41
NEMATODA	314	262	79	4511
OLIGOCHAETA				
NAIS	0	5	0	
SPIROSPERMA	79	1	5	
OTHER	136	51	17	
ALL OLIGOCHAETA				2025
POLYCHAETA				
MANAYUNKIA SPECIOSA	0	1	2	21
ALL POLYCHAETA				21
CLADOCERA				
DAPHNIA	2	0	2	28
ALL CLADOCERA				28
COPEPODA				
CYCLOPS BICUSPIDATUS	1	1	0	
DIAPTOMUS	4	0	2	
LIMNOCALANUS	4	6	1	
ALL COPEPODA				131
DIPTERA				
CHIRONOMIDAE	6	4	1	76

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/11/83

TRANSECT 20 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	1	0	0	
ALL EPHEMEROPTERA				7
TRICHOPTERA				
HYDROPSYCHIDAE				
HYDROPSYCHE	0	0	2	
ALL TRICHOPTERA				14
ACARINA	0	0	1	7
GASTROPODA				
ELIMIA LIVESCENS	1	0	4	34
ALL GASTROPODA				34

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/11/83

DETROIT RIVER TRANSECT 20 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	110	66	480	4518
ALL CNIDARIA				4518
RHABDOCOELA	0	1	1	14
NEMERTINEA	8	7	29	303
NEMATODA	7	12	25	303
OLIGOCHAETA				
SPIROSPERMA	0	2	2	
OTHER	28	5	116	
ALL OLIGOCHAETA				1054
POLYCHAETA				
MANAYUNKIA SPECIOSA	78	28	32	950
ALL POLYCHAETA				950
CLADOCERA				
BOSMINA	0	1	0	
DAPHNIA	1	2	2	
ALL CLADOCERA				41

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/11/83

TRANSECT 20 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
CYCLOPOIDIDAE	0	2	0	
CYCLOPS BICUSPIDATUS	4	0	5	
DIAPTOMUS	8	1	6	
LIMNOCALANUS	3	3	7	
ALL COPEPODA				269
TERRESTRIAL INSECT	0	0	1	7
DIPTERA				
CHIRONOMIDAE	3	0	3	41
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	0	1	0	
BAETISCIDAE				
BAETISCA	0	2	5	
ALL EPHEMEROPTERA				55
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	2	0	4	
HYDROPSYCHE	0	5	7	
LEPTOCERIDAE				
CERACLEA	0	1	0	
ALL TRICHOPTERA				131
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	0	1	0	7
ALL PELECYPODA				7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/11/83

DETROIT RIVER TRANSECT 21 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	17	11	25	365
ALL CNIDARIA				365
RHABDOCOELA	72	51	62	1274
NEMERTINEA	2	2	3	48
NEMATODA	73	62	32	1150
OLIGOCHAETA				
SPIROSPERMA	30	72	71	
OTHER	430	1017	356	
ALL OLIGOCHAETA				13608
POLYCHAETA				
MANAYUNKIA SPECIOSA	9	98	51	1088
ALL POLYCHAETA				1088
CLADOCERA				
DAPHNIA	0	0	1	7
ALL CLADOCERA				7
COPEPODA				
CYCLOPOIDIDAE	0	0	1	
DIAPTOMUS	1	0	3	
LIMNOCALANUS	2	0	6	
ALL COPEPODA				90

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/11/83

TRANSECT 21 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
OSTRACODA	0	0	1	7
AMPHIPODA				
GAMMARIDAE	0	0	1	7
ALL AMPHIPODA				7
DIPTERA				
CERATOPOGONIDAE	2	0	0	
CHIRONOMIDAE	0	3	2	34
ALL DIPTERA				48
TRICHOPTERA				
LEPTOCERIDAE				
OECETIS	2	0	0	
ALL TRICHOPTERA				14
ACARINA	1	0	2	21
GASTROPODA				
AMNICOLA	4	18	8	
FERISSIA	1	0	0	
PHYSA	0	0	1	
VALVATA SINCERA	2	0	0	
ALL GASTROPODA				234
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	5	17	34	386
ALL PELECYPODA				386

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/11/83

DETROIT RIVER TRANSECT 21 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	109	430	18	3836
ALL CNIDARIA				3836
TRICLADIDA	2	1	0	21
NEMERTINEA	1	6	0	48
NEMATODA	43	32	7	565
OLIGOCHAETA				
SPIROSPERMA	1	0	0	
OTHER	34	12	34	
ALL OLIGOCHAETA				558
POLYCHAETA				
MANAYUNKIA SPECIOSA	53	39	2	647
ALL POLYCHAETA				647
CLADOCERA				
DAPHNIA	1	0	5	41
ALL CLADOCERA				41

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/11/83

TRANSECT 21 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
CYCLOPOIDIDAE	3	0	0	
CYCLOPS BICUSPIDATUS	0	7	0	
DIAPTOMUS	4	3	1	
HARPACTICOIDA	1	0	0	
LIMNOCALANUS	6	1	5	
ALL COPEPODA				213
AMPHIPODA				
GAMMARUS	0	1	0	7
ALL AMPHIPODA				7
DIPTERA				
CHIRONOMIDAE	1	1	1	21
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	2	1	1	
BAETISCIDAE				
BAETISCA	0	1	1	
ALL EPHEMEROPTERA				41
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	0	4	6	
LEPTOCERIDAE				
CERACLEA	0	0	2	
OECETIS	1	0	0	
ALL TRICHOPTERA				90
GASTROPODA				
ELIMIA LIVESCENS	1	1	0	14
ALL GASTROPODA				14

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/11/83

DETROIT RIVER TRANSECT 21 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	386	622	78	7479
ALL CNIDARIA				7479
TRICLADIDA	1	0	0	7
NEMERTINEA	12	9	0	145
NEMATODA	4	20	5	200
OLIGOCHAETA				
SPIROSPERMA	0	0	1	
OTHER	22	39	17	
ALL OLIGOCHAETA				544
POLYCHAETA				
MANAYUNKIA SPECIOSA	32	108	0	964
ALL POLYCHAETA				964
CLADOCERA				
BOSMINA	1	0	0	
DAPHNIA	1	0	2	
ALL CLADOCERA				28
COPEPODA				
CYCLOPS BICUSPIDATUS	2	3	0	
DIAPTOMUS	1	7	0	
LIMNOCALANUS	0	2	1	
ALL COPEPODA				110

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/11/83

TRANSECT 21 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
AMPHIPODA				
GAMMARUS	0	1	0	7
ALL AMPHIPODA				7
DIPTERA				
CHIRONOMIDAE	3	4	0	48
EPHEMEROPTERA				
CAENIDAE				
CAENIS	0	1	0	
EPHEMERIDAE				
HEXAGENIA	0	1	0	
BAETISCIDAE				
BAETISCA	2	0	1	
HEPTAGENIIDAE				
STENONEMA	0	2	0	
ALL EPHEMEROPTERA				48
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	5	14	1	
HYDROPSYCHE	0	1	0	
ALL TRICHOPTERA				145
ACARINA	1	0	1	14
GASTROPODA				
AMNICOLA	2	0	0	
ELIMIA LIVESCENS	0	1	0	
FERISSIA	1	0	0	
ALL GASTROPODA				28

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/11/83

TRANSECT 21 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	7	7	1	
SPHAERIUM	3	0	0	
ALL SPHAERIIDAE				124
ALL PELECYPODA				124

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/83

ST. CLAIR RIVER TRANSECT 1 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CLADOCERA				
BOSMINA	1	0	0	
DAPHNIA	51	26	35	
ALL CLADOCERA				778
COPEPODA				
CYCLOPOIDIDAE	2	0	0	
DIAPTOMUS	7	3	5	
EPISHURA LACUSTRIS	11	0	0	
ALL COPEPODA				193
TERRESTRIAL INSECT	8	0	1	62
DIPTERA				
CHIRONOMIDAE	18	13	12	296

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/83

ST. CLAIR RIVER TRANSECT 1 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CLADOCERA				
DAPHNIA	64	44	1	
DAPHNIA GALEATA MENDOTAE	0	0	30	
DAPHNIA PULEX	0	0	4	
ALL CLADOCERA				985
COPEPODA				
DIAPTOMUS	5	15	0	
EPISHURA LACUSTRIS	16	12	9	
LIMNOCALANUS	0	0	1	
ALL COPEPODA				399
TERRESTRIAL INSECT	2	0	0	14
DIPTERA				
CHIRONOMIDAE	20	17	19	386

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/83

ST. CLAIR RIVER TRANSECT 1 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CLADOCERA				
DAPHNIA	20	26	37	
DIAPHANASOMA	1	0	0	
HOLOPEDIUM	0	1	0	
ALL CLADOCERA				585
COPEPODA				
DIAPTOMUS	2	4	1	
EPISHURA LACUSTRIS	0	3	0	
LIMNOCALANUS	0	1	0	
ALL COPEPODA				76
DIPTERA				
CHIRONOMIDAE	30	6	13	337

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/83

ST. CLAIR RIVER TRANSECT 2 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	27	90	85	1391
ALL CNIDARIA				1391
RHABDOCOELA	7	9	11	186
NEMERTINEA	3	1	2	41
NEMATODA	3	16	4	158
HIRUDINEA				
ERPOBDELLIDAE	0	1	0	
GLOSSIPHONIIDAE				
HELOBDELLA PAPILLATA	0	0	1	
PISCICOLIDAE				
PISCICOLA	0	1	0	
ALL HIRUDINEA				21
OLIGOCHAETA				
NAIS	0	41	0	
SPIROSPERMA	0	38	5	
STYLARIA	2	2	19	
OTHER	465	441	322	
ALL OLIGOCHAETA				9194

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/83

TRANSECT 2 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CLADOCERA				
DAPHNIA	17	33	26	
SIDA CRYSTALLINA	0	2	2	
ALL CLADOCERA				551
COPEPODA				
DIAPTOMUS	5	17	16	
EPISHURA LACUSTRIS	4	1	17	
HARPACTICOIDA	0	16	0	
ALL COPEPODA				523
OSTRACODA	0	2	0	14
AMPHIPODA				
GAMMARUS	17	21	19	
HYALELLA AZTECA	1	1	2	
ALL AMPHIPODA				420
DIPTERA				
CHIRONOMIDAE	27	128	95	1722
EPHEMEROPTERA				
CAENIDAE				
CAENIS	0	2	8	
EPHEMERIDAE				
HEXAGENIA	0	0	2	
HEPTAGENIIDAE				
STENONEMA	0	2	1	
ALL EPHEMEROPTERA				103

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/83

TRANSECT 2 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COLEOPTERA				
ELMIDAE				
DUBIRAPHIA	0	1	0	
ALL COLEOPTERA				7
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	0	7	0	
HYDROPSYCHE	0	3	2	
LEPTOCERIDAE				
MYSTACIDES	1	0	0	
POLYCENTROPODIDAE				
NEURECLIPSIS	1	13	1	
ALL TRICHOPTERA				193
ACARINA	0	10	0	69
GASTROPODA				
AMNICOLA	26	132	81	
FERISSIA	1	0	2	
GYRAULUS	0	8	1	
PHYSA	3	14	32	
ALL GASTROPODA				2066
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	1	2	0	21
ALL PELECYPODA				21

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/83

ST. CLAIR RIVER TRANSECT 2 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	236	1560	537	16067
ALL CNIDARIA				16067
RHABDOCOELA	13	26	2	282
NEMERTINEA	11	0	5	110
NEMATODA	0	1	5	41
OLIGOCHAETA				
SPIROSPERMA	31	26	30	
OTHER	8	101	32	
ALL OLIGOCHAETA				1570
CLADOCERA				
DAPHNIA	1	4	4	62
ALL CLADOCERA				62
COPEPODA				
DIAPTOMUS	0	3	0	21
ALL COPEPODA				21
AMPHIPODA				
GAMMARUS	6	10	0	
HYALELLA AZTECA	3	1	0	
ALL AMPHIPODA				138

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/83

TRANSECT 2 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
DIPTERA				
CHIRONOMIDAE	5	5	5	103
EMPIDIDAE	0	0	1	
ALL DIPTERA				110
EPHEMEROPTERA				
BAETISCIDAE				
BAETISCA	0	0	1	
HEPTAGENIIDAE				
STENONEMA	2	1	0	
ALL EPHEMEROPTERA				28
TRICHOPTERA				
BRACHYCENTRIDAE				
BRACHYCENTRUS	1	1	1	
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	14	37	8	
HYDROPSYCHE	7	32	3	
OTHER	1	29	0	
POLYCENTROPODIDAE				
NEURECLIPSIS	6	2	1	
ALL TRICHOPTERA				985
ACARINA	1	3	2	41

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/83

TRANSECT 2 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
GASTROPODA				
AMNICOLA	26	49	20	
ELIMIA LIVESCENS	0	11	17	
FERISSIA	4	3	0	
GYRAULUS	1	0	0	
LYMNAEA	2	0	1	
PHYSA	8	7	10	
VALVATA SINCERA	0	0	1	
ALL GASTROPODA				1102
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	2	17	9	
SPHAERIUM	1	0	0	
ALL SPHAERIIDAE				200
ALL PELECYPODA				200

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/83

ST. CLAIR RIVER TRANSECT 2 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	888	1499	1488	26686
ALL CNIDARIA				26686
RHABDOCOELA	9	5	12	179
NEMERTINEA	1	21	1	158
NEMATODA	2	6	1	62
OLIGOCHAETA				
SPIROSPERMA	1	0	0	
OTHER	4	0	9	
ALL OLIGOCHAETA				96
POLYCHAETA				
MANAYUNKIA SPECIOSA	0	0	1	7
ALL POLYCHAETA				7
CLADOCERA				
BOSMINA	0	2	0	
CHYDORUS	0	1	0	
DAPHNIA	5	4	10	
HOLOPEDIUM	0	1	0	
ALL CLADOCERA				158

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/83

TRANSECT 2 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
CYCLOPOIDIDAE	0	0	3	
CYCLOPS BICUSPIDATUS	0	5	0	
DIAPTOMUS	4	7	9	
EPISHURA LACUSTRIS	3	1	0	
HARPACTICOIDA	0	1	0	
MESOCYCLOPS	0	1	0	
ALL COPEPODA				234
AMPHIPODA				
GAMMARUS	0	0	1	
HYALELLA AZTECA	1	1	0	
ALL AMPHIPODA				21
DIPTERA				
CHIRONOMIDAE	3	4	2	62
EPHEMEROPTERA				
HEPTAGENIIDAE				
STENONEMA	8	1	8	
ALL EPHEMEROPTERA				117

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/83

TRANSECT 2 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TRICHOPTERA				
BRACHYCENTRIDAE				
BRACHYCENTRUS	0	0	2	
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	24	23	52	
HYDROPSYCHE	8	6	7	
LEPTOCERIDAE				
CERACLEA	0	0	1	
POLYCENTROPODIDAE				
NEURECLIPSIS	0	0	1	
RHYACOPHILIDAE				
PROTOPTILA	12	4	7	
ALL TRICHOPTERA				1012
ACARINA	10	39	5	372
GASTROPODA				
AMNICOLA	1	1	0	
ELIMIA LIVESCENS	16	59	11	
LYMNAEA	1	0	0	
PHYSA	0	3	2	
ALL GASTROPODA				647
PELECYPODA				
SPHAERIIDAE				
SPHAERIUM	0	1	0	7
ALL PELECYPODA				7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/83

ST. CLAIR RIVER TRANSECT 3 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	21	17	75	778
ALL CNIDARIA				778
TRICLADIDA	0	2	0	14
NEMERTINEA	8	1	9	124
OLIGOCHAETA				
SPIROSPERMA	0	0	2	
OTHER	17	2	11	
ALL OLIGOCHAETA				220
POLYCHAETA				
MANAYUNKIA SPECIOSA	0	1	0	7
ALL POLYCHAETA				7
CLADOCERA				
BOSMINA	2	1	0	
DAPHNIA	7	3	4	
ALL CLADOCERA				117
COPEPODA				
DIAPTOMUS	6	0	1	
EPISHURA LACUSTRIS	0	4	1	
ALL COPEPODA				83
AMPHIPODA				
HYALELLA AZTECA	1	0	0	7
ALL AMPHIPODA				7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/83

TRANSECT 3 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TERRESTRIAL INSECT	0	0	1	7
DIPTERA				
CHIRONOMIDAE	7	4	25	248
EMPIDIDAE	2	2	0	
ALL DIPTERA				275
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	1	4	0	
HYDROPSYCHE	18	28	5	
LEPTOCERIDAE				
CERACLEA	2	2	0	
ALL TRICHOPTERA				413
GASTROPODA				
AMNICOLA	2	0	3	
ELIMIA LIVESCENS	0	2	0	
ALL GASTROPODA				48

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/83

ST. CLAIR RIVER TRANSECT 3 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	552	956	352	12809
ALL CNIDARIA				12809
RHABDOCOELA	2	4	2	55
NEMERTINEA	15	23	21	406
NEMATODA	1	0	1	14
OLIGOCHAETA	21	18	2	282
POLYCHAETA				
MANAYUNKIA SPECIOSA	1	0	0	7
ALL POLYCHAETA				7
CLADOCERA				
BOSMINA	0	1	4	
DAPHNIA	21	12	12	
HOLOPEDIUM	0	0	1	
ALL CLADOCERA				351

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/83

TRANSECT 3 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
CYCLOPOIDIDAE	1	1	0	
CYCLOPS BICUSPIDATUS	1	0	0	
DIAPTOMUS	2	0	3	
EPISHURA LACUSTRIS	0	0	1	
ALL COPEPODA				62
AMPHIPODA				
HYALELLA AZTECA	2	0	0	14
ALL AMPHIPODA				14
DIPTERA				
CHIRONOMIDAE	5	5	0	69
EMPIDIDAE	1	0	0	
ALL DIPTERA				76
EPHEMEROPTERA				
BAETIDAE				
BAETIS	1	0	0	
HEPTAGENIIDAE				
STENONEMA	1	0	0	
ALL EPHEMEROPTERA				14
TRICHOPTERA				
HYDROPSYCHIDAE				
HYDROPSYCHE	9	1	5	
LEPTOCERIDAE				
CERACLEA	0	1	0	
MYSTACIDES	1	0	0	
ALL TRICHOPTERA				117
PLECOPTERA				
ISOGENOIDES	0	0	1	7
ALL PLECOPTERA				7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/83

TRANSECT 3 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
ACARINA	0	0	1	7
GASTROPODA				
AMNICOLA	0	3	0	
ELIMIA LIVESCENS	12	16	23	
LYMNAEA	5	0	0	
PHYSA	0	0	1	
ALL GASTROPODA				413
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	3	1	0	
SPHAERIUM	1	2	0	
ALL SPHAERIIDAE				48
ALL PELECYPODA				48

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/83

ST. CLAIR RIVER TRANSECT 3 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
FISH				
COTTUS BAIRDII	0	1	0	7
ALL FISH				7
CNIDARIA				
HYDRA	0	1555	7	10757
ALL CNIDARIA				10757
RHABDOCOELA	0	94	0	647
NEMERTINEA	0	29	2	213
NEMATODA	106	1	119	1556
OLIGOCHAETA				
STYLARIA	0	2	0	
OTHER	22	68	43	
ALL OLIGOCHAETA				930
POLYCHAETA				
MANAYUNKIA SPECIOSA	0	0	1	7
ALL POLYCHAETA				7
CLADOCERA				
BOSMINA	0	2	0	
DAPHNIA	0	67	5	
LEPTODORA KINDTII	0	1	0	
ALL CLADOCERA				516

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/83

TRANSECT 3 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
CYCLOPOIDIDAE	0	0	1	
CYCLOPS BICUSPIDATUS	0	4	0	
DIAPTOMUS	0	1	1	
EPISHURA LACUSTRIS	1	12	2	
ALL COPEPODA				152
AMPHIPODA				
GAMMARUS	1	1	10	
HYALELLA AZTECA	0	0	7	
ALL AMPHIPODA				131
ISOPODA				
LIRCEUS	0	0	2	14
ALL ISOPODA				14
DIPTERA				
CHIRONOMIDAE	0	11	2	90
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	1	0	3	
BAETIDAE				
BAETIS	1	0	0	
HEPTAGENIIDAE				
STENONEMA	1	1	5	
ALL EPHEMEROPTERA				83

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/83

TRANSECT 3 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	0	14	5	
HYDROPSYCHE	1	24	14	
HYDROPTILIDAE	0	0	1	
LEPTOCERIDAE				
CERACLEA	0	1	0	
OECETIS	0	1	0	
RHYACOPHILIDAE				
PROTOPTILA	1	0	0	
ALL TRICHOPTERA				427
ACARINA	0	2	0	14
GASTROPODA				
ELIMIA LIVESCENS	19	147	21	
GYRAULUS	0	1	0	
LYMNAEA	0	6	0	
ALL GASTROPODA				1336
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	0	16	3	
SPHAERIUM	15	10	5	
ALL SPHAERIIDAE				337
ALL PELECYPODA				337

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/12/83

ST. CLAIR RIVER TRANSECT 4 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	197	391	0	4049
ALL CNIDARIA				4049
RHABDOCOELA	54	1	3	399
TRICLADIDA	0	45	0	310
NEMERTINEA	17	3	14	234
NEMATODA	24	9	90	847
HIRUDINEA				
HIRUDINEA	0	0	1	
ERPOBDELLIDAE	1	2	0	
GLOSSIPHONIIDAE				
HELOBDELLA ELONGATA	0	0	2	
ALL HIRUDINEA				41
OLIGOCHAETA				
NAIS	2	5	0	
SPIROSPERMA	34	18	1	
STYLARIA	40	30	9	
OTHER	67	29	144	
ALL OLIGOCHAETA				2610

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/12/83

TRANSECT 4 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CLADOCERA				
BOSMINA	1	0	0	
DAPHNIA	8	2	0	
SIDA CRYSTALLINA	0	0	1	
ALL CLADOCERA				83
COPEPODA				
DIAPTOMUS	2	0	0	
MACROCYCLOPS	0	0	1	
ALL COPEPODA				21
OSTRACODA	1	0	0	7
AMPHIPODA				
GAMMARUS	546	485	6	
HYALELLA AZTECA	13	7	9	
PONTOPOREIA HOYI	0	4	0	
ALL AMPHIPODA				7369
ISOPODA				
ASELLUS	0	0	1	7
ALL ISOPODA				7
TERRESTRIAL INSECT	0	0	1	7
DIPTERA				
CHIRONOMIDAE	107	132	49	1983

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/12/83

TRANSECT 4 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
CAENIDAE				
CAENIS	0	1	2	
EPHEMERIDAE				
HEXAGENIA	0	2	6	
ALL EPHEMEROPTERA				76
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	1	0	1	
HYDROPSYCHE	2	6	0	
LEPTOCERIDAE				
OECETIS	0	1	0	
ALL TRICHOPTERA				76
GASTROPODA				
AMNICOLA	333	269	6	
ELIMIA LIVESCENS	40	43	0	
GYRAULUS	128	69	1	
PHYSA	32	35	3	
PLEUROCERA ACUTA	0	0	6	
VALVATA TRICARINATA	220	103	0	
OTHER	1	0	0	
ALL GASTROPODA				8877
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	119	38	1	
SPHAERIUM	0	0	1	
ALL SPHAERIIDAE				1095
ALL PELECYPODA				1095

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/12/83

ST. CLAIR RIVER TRANSECT 4 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	5	5	93	709
ALL CNIDARIA				709
RHABDOCOELA	0	1	1	14
NEMERTINEA	3	1	2	41
NEMATODA	13	2	2	117
OLIGOCHAETA				
NAIS	0	0	1	
STYLARIA	0	1	0	
OTHER	4	88	31	
ALL OLIGOCHAETA				861
POLYCHAETA				
MANAYUNKIA SPECIOSA	7	0	1	55
ALL POLYCHAETA				55
CLADOCERA				
BOSMINA	1	0	1	
DAPHNIA	5	4	9	
HOLOPEDIUM	0	0	1	
ALL CLADOCERA				145
COPEPODA				
EPISHURA LACUSTRIS	0	3	0	21
ALL COPEPODA				21

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/12/83

TRANSECT 4 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
AMPHIPODA				
GAMMARUS	7	5	4	110
ALL AMPHIPODA				110
DIPTERA				
CHIRONOMIDAE	1	1	16	124
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	0	0	3	
HYDROPSYCHE	0	0	20	
ALL TRICHOPTERA				158
ACARINA	0	0	2	14
GASTROPODA				
AMNICOLA	3	6	10	
ELIMIA LIVESCENS	7	3	4	
FERISSIA	0	1	0	
GYRAULUS	2	0	0	
PHYSA	1	0	3	
VALVATA SINCERA	0	0	2	
ALL GASTROPODA				289
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	3	2	6	76
ALL PELECYPODA				76

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/12/83

ST. CLAIR RIVER TRANSECT 4 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	21	67	61	1026
ALL CNIDARIA				1026
NEMERTINEA	1	0	8	62
NEMATODA	5	4	30	269
OLIGOCHAETA				
SPIROSPERMA	0	0	1	
OTHER	25	13	21	
ALL OLIGOCHAETA				413
POLYCHAETA				
MANAYUNKIA SPECIOSA	1	0	0	7
ALL POLYCHAETA				7
CLADOCERA				
BOSMINA	0	1	0	
DAPHNIA	3	4	3	
ALL CLADOCERA				76
COPEPODA				
DIAPTOMUS	0	1	0	
EPISHURA LACUSTRIS	1	0	0	
ALL COPEPODA				14
AMPHIPODA				
GAMMARUS	5	5	9	
HYALELLA AZTECA	0	0	1	
ALL AMPHIPODA				138

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/12/83

TRANSECT 4 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
DIPTERA				
CHIRONOMIDAE	0	3	5	55
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	0	0	1	
HYDROPSYCHE	0	0	11	
ALL TRICHOPTERA				83
ACARINA	0	1	0	7
GASTROPODA				
AMNICOLA	0	0	4	
ELIMIA LIVESCENS	4	4	6	
GYRAULUS	0	0	1	
PHYSA	0	0	2	
ALL GASTROPODA				145
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	1	1	1	21
ALL PELECYPODA				21

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/12/83

ST. CLAIR RIVER TRANSECT 5 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	55	190	158	2775
ALL CNIDARIA				2775
RHABDOCOELA	18	57	23	675
TRICLADIDA	7	0	0	48
NEMERTINEA	7	18	9	234
NEMATODA	1	41	7	337
HIRUDINEA				
ERPOBDELLIDAE				
ERPOBDELLA PUNCTATA	1	0	1	
ALL HIRUDINEA				14
OLIGOCHAETA				
NAIS	8	0	0	
SPIROSPERMA	81	39	21	
STYLARIA	19	164	13	
OTHER	133	153	206	
ALL OLIGOCHAETA				5764

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/12/83

TRANSECT 5 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CLADOCERA				
DAPHNIA	16	27	42	
HOLOPEDIUM	1	0	0	
ILYOCRYPTUS	0	8	0	
ALL CLADOCERA				647
COPEPODA				
EPISHURA LACUSTRIS	0	1	0	
MACROCYCLOPS	1	1	0	
ALL COPEPODA				21
OSTRACODA	41	96	61	1364
AMPHIPODA				
GAMMARUS	69	39	95	
HYALELLA AZTECA	15	2	3	
ALL AMPHIPODA				1536
DIPTERA				
CERATOPOGONIDAE	0	2	0	
CHIRONOMIDAE	146	190	141	3285
EMPIDIDAE	1	0	0	
ALL DIPTERA				3306

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/12/83

TRANSECT 5 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
CAENIDAE				
CAENIS	17	11	7	
EPHEMERIDAE				
HEXAGENIA	58	59	25	
BAETIDAE				
BAETIS	1	0	0	
HEPTAGENIIDAE				
STENONEMA	1	4	7	
ALL EPHEMEROPTERA				1308
LEPIDOPTERA	1	1	0	14
TRICHOPTERA				
BRACHYCENTRIDAE				
BRACHYCENTRUS	2	1	0	
HYDROPSYCHIDAE				
HYDROPSYCHE	0	1	0	
LEPTOCERIDAE				
CERACLEA	0	1	0	
MYSTACIDES	3	0	3	
OECETIS	30	11	37	
SETODES	0	1	0	
TRIAENODES	5	1	2	
POLYCENTROPODIDAE				
POLYCENTROPUS	0	1	0	
ALL TRICHOPTERA				682
ODONATA				
GOMPHIDAE				
GOMPHUS	0	1	0	7
ALL ODONATA				7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/12/83

TRANSECT 5 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
ACARINA	1	2	1	28
GASTROPODA				
AMNICOLA	81	225	85	
ELIMIA LIVESCENS	4	18	45	
FERISSIA	1	0	0	
GYRAULUS	3	23	9	
LYMNAEA	0	2	0	
PHYSA	12	2	8	
VALVATA TRICARINATA	13	7	0	
ALL GASTROPODA				3705
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	4	10	3	117
ALL PELECYPODA				117

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/12/83

ST. CLAIR RIVER TRANSECT 5 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	322	852	50	8429
ALL CNIDARIA				8429
RHABDOCOELA	10	17	0	186
TRICLADIDA	0	0	1	7
NEMERTINEA	3	1	1	34
NEMATODA	5	0	11	110
HIRUDINEA				
PISCICOLIDAE				
PISCICOLA	0	1	1	
ALL HIRUDINEA				14
OLIGOCHAETA				
SPIROSPERMA	13	5	15	
OTHER	25	2	134	
ALL OLIGOCHAETA				1336
POLYCHAETA				
MANAYUNKIA SPECIOSA	1	4	0	34
ALL POLYCHAETA				34
CLADOCERA				
DAPHNIA	19	10	19	331
ALL CLADOCERA				331

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/12/83

TRANSECT 5 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
EPISHURA LACUSTRIS	0	5	0	
LIMNOCALANUS	1	0	0	
ALL COPEPODA				41
AMPHIPODA				
GAMMARUS	6	7	76	
HYALELLA AZTECA	0	0	2	
ALL AMPHIPODA				627
DIPTERA				
CHIRONOMIDAE	17	7	20	303
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	1	0	0	
ALL EPHEMEROPTERA				7
TRICHOPTERA				
BRACHYCENTRIDAE				
BRACHYCENTRUS	1	0	0	
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	0	3	6	
HYDROPSYCHE	6	2	8	
LEPTOCERIDAE				
OECETIS	1	0	0	
ALL TRICHOPTERA				186
ODONATA				
GOMPHIDAE				
GOMPHUS	2	0	0	14
ALL ODONATA				14
ACARINA	6	12	1	131

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/12/83

TRANSECT 5 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
GASTROPODA				
AMNICOLA	36	21	51	
ELIMIA LIVESCENS	30	7	15	
FERISSIA	1	0	0	
GYRAULUS	0	0	1	
PHYSA	5	0	1	
PLEUROCERA ACUTA	0	2	2	
VALVATA TRICARINATA	8	4	4	
ALL GASTROPODA				1295
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	9	0	19	193
ALL PELECYPODA				193

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/12/83

ST. CLAIR RIVER TRANSECT 5 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	64	4	61	888
ALL CNIDARIA				888
RHABDOCOELA	3	0	0	21
NEMERTINEA	0	2	6	55
NEMATODA	1	2	2	34
OLIGOCHAETA				
NAIS	0	0	4	
SPIROSPERMA	1	0	0	
OTHER	19	4	12	
ALL OLIGOCHAETA				275
POLYCHAETA				
MANAYUNKIA SPECIOSA	0	2	0	14
ALL POLYCHAETA				14
CLADOCERA				
BOSMINA	0	0	1	
DAPHNIA	7	8	15	
SIDA CRYSTALLINA	0	0	1	
ALL CLADOCERA				220

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/12/83

TRANSECT 5 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
DIAPTOMUS	0	2	3	
EPISHURA LACUSTRIS	6	4	0	
ALL COPEPODA				103
AMPHIPODA				
GAMMARUS	0	0	1	7
ALL AMPHIPODA				7
DIPTERA				
CHIRONOMIDAE	20	15	16	351
EMPIDIDAE	0	0	1	
ALL DIPTERA				358
TRICHOPTERA				
BRACHYCENTRIDAE				
BRACHYCENTRUS	0	0	1	
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	1	0	11	
HYDROPSYCHE	3	0	21	
ALL TRICHOPTERA				255

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/12/83

ST. CLAIR RIVER TRANSECT 6 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	26	0	0	179
ALL CNIDARIA				179
RHABDOCOELA	40	2	16	399
TRICLADIDA	0	28	59	599
NEMERTINEA	0	1	0	7
NEMATODA	2	18	18	262
HIRUDINEA				
GLOSSIPHONIIDAE				
HELOBDELLA ELONGATA	1	0	1	
HELOBDELLA STAGNALIS	2	1	1	
ALL HIRUDINEA				41
OLIGOCHAETA				
SPIROSPERMA	0	0	2	
STYLARIA	47	50	70	
OTHER	41	29	63	
ALL OLIGOCHAETA				2080
CLADOCERA				
DAPHNIA	0	1	0	
EURYCERCUS LAMELLATUS	0	1	0	
ALL CLADOCERA				14

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/12/83

TRANSECT 6 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
HARPACTICOIDA	1	0	0	
MACROCYCLOPS	3	0	0	
ALL COPEPODA				28
OSTRACODA	93	52	112	1770
AMPHIPODA				
GAMMARUS	247	221	196	
HYALELLA AZTECA	39	35	59	
ALL AMPHIPODA				5489
ISOPODA				
ASELLUS	172	29	44	1687
ALL ISOPODA				1687
DIPTERA				
CHIRONOMIDAE	241	175	208	4297
EMPIDIDAE	1	0	0	
ALL DIPTERA				4304
EPHEMEROPTERA				
CAENIDAE				
CAENIS	12	7	0	
EPHEMERIDAE				
HEXAGENIA	5	3	14	
ALL EPHEMEROPTERA				282

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/12/83

TRANSECT 6 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TRICHOPTERA				
BRACHYCENTRIDAE				
BRACHYCENTRUS	1	2	0	
LEPTOCERIDAE				
CERACLEA	1	0	0	
NECTOPSYCHE	0	1	0	
OECETIS	21	8	4	
SETODES	0	1	0	
TRIAENODES	1	0	1	
POLYCENTROPODIDAE				
POLYCENTROPUS	9	8	2	
ALL TRICHOPTERA				413
GASTROPODA				
AMNICOLA	66	41	107	
ELIMIA LIVESCENS	13	11	4	
GYRAULUS	42	35	61	
PHYSA	10	7	6	
VALVATA TRICARINATA	1	0	1	
ALL GASTROPODA				2789
PELECYPODA				
SPHAERIIDAE				
SPHAERIUM	3	6	1	69
ALL PELECYPODA				69

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/12/83

ST. CLAIR RIVER TRANSECT 6 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	64	138	77	1921
ALL CNIDARIA				1921
RHABDOCOELA	9	39	22	482
TRICLADIDA	17	0	39	386
NEMERTINEA	1	0	2	21
NEMATODA	23	0	1	165
HIRUDINEA				
GLOSSIPHONIIDAE				
GLOSSIPHONIA COMPLANATA	0	0	1	
PISCICOLIDAE				
PISCICOLA	0	1	0	
ALL HIRUDINEA				14
OLIGOCHAETA				
SPIROSPERMA	11	1	4	
STYLARIA	20	401	222	
OTHER	249	67	146	
ALL OLIGOCHAETA				7720

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/12/83

TRANSECT 6 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CLADOCERA				
BOSMINA	0	0	1	
DAPHNIA	39	19	4	
SIDA CRYSTALLINA	0	0	1	
ALL CLADOCERA				441
COPEPODA				
EPISHURA LACUSTRIS	1	0	0	
HARPACTICOIDA	16	0	0	
MACROCYCLOPS	1	0	0	
ALL COPEPODA				124
AMPHIPODA				
GAMMARUS	177	132	152	
HYALELLA AZTECA	7	21	14	
PONTOPOREIA HOYI	0	0	1	
ALL AMPHIPODA				3471
ISOPODA				
ASELLUS	2	0	2	28
ALL ISOPODA				28
DIPTERA				
CERATOPOGONIDAE	1	0	0	
CHIRONOMIDAE	336	84	208	4325
ALL DIPTERA				4332
EPHEMEROPTERA				
CAENIDAE				
CAENIS	0	9	9	
EPHEMERIDAE				
HEXAGENIA	22	4	14	
ALL EPHEMEROPTERA				399

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/12/83

TRANSECT 6 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COLEOPTERA				
ELMIDAE				
DUBIRAPHIA	0	1	0	
ALL COLEOPTERA				7
TRICHOPTERA				
HYDROPSYCHIDAE				
HYDROPSYCHE	0	0	1	
HYDROPTILIDAE				
ORTHOTRICHIA	0	1	0	
LEPTOCERIDAE				
MYSTACIDES	0	0	1	
TRIAENODES	0	1	0	
POLYCENTROPODIDAE				
POLYCENTROPUS	8	8	9	
ALL TRICHOPTERA				200
ACARINA	2	0	0	14
GASTROPODA				
AMNICOLA	43	124	73	
ELIMIA LIVESCENS	5	2	1	
GYRAULUS	7	35	6	
PHYSA	3	38	21	
VALVATA TRICARINATA	3	3	2	
ALL GASTROPODA				2521
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	7	0	14	145
ALL PELECYPODA				145

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/12/83

ST. CLAIR RIVER TRANSECT 6 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	73	4	3	551
ALL CNIDARIA				551
RHABDOCOELA	41	8	5	372
TRICLADIDA	0	3	9	83
NEMERTINEA	21	1	2	165
NEMATODA	27	26	67	826
HIRUDINEA				
GLOSSIPHONIIDAE				
GLOSSIPHONIA HETEROCLITA	1	0	1	
PISCICOLIDAE				
PISCICOLA MILNERI	1	0	0	
ALL HIRUDINEA				21
OLIGOCHAETA				
SPIROSPERMA	9	28	42	
STYLARIA	27	0	0	
OTHER	403	439	456	
ALL OLIGOCHAETA				9669

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/12/83

TRANSECT 6 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CLADOCERA				
DAPHNIA	18	0	3	
SIDA CRYSTALLINA	8	0	0	
ALL CLADOCERA				200
COPEPODA				
HARPACTICOIDA	0	9	0	
LIMNOCALANUS	0	1	0	
MACROCYCLOPS	1	0	1	
ALL COPEPODA				83
AMPHIPODA				
GAMMARUS	75	4	66	999
ALL AMPHIPODA				999
ISOPODA				
ASELLUS	0	0	4	28
ALL ISOPODA				28
DIPTERA				
CERATOPOGONIDAE	0	1	0	
CHIRONOMIDAE	311	323	250	6088
EMPIDIDAE	0	1	0	
ALL DIPTERA				6102
EPHEMEROPTERA				
CAENIDAE				
CAENIS	2	1	0	
EPHEMERIDAE				
HEXAGENIA	50	84	45	
ALL EPHEMEROPTERA				1253

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/12/83

TRANSECT 6 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TRICHOPTERA				
BRACHYCENTRIDAE				
BRACHYCENTRUS	0	1	0	
POLYCENTROPODIDAE				
NEURECLIPSIS	1	0	0	
ALL TRICHOPTERA				14
ACARINA	0	0	1	7
GASTROPODA				
AMNICOLA	74	13	16	
ELIMIA LIVESCENS	0	0	2	
PHYSA	2	0	2	
ALL GASTROPODA				751
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	2	14	5	145
ALL PELECYPODA				145

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/12/83

ST. CLAIR RIVER TRANSECT 7 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	291	235	388	6294
ALL CNIDARIA				6294
RHABDOCOELA	1	4	1	41
TRICLADIDA	4	25	0	200
NEMERTINEA	0	2	40	289
NEMATODA	3	14	45	427
OLIGOCHAETA				
NAIS	9	4	0	
SPIROSPERMA	43	74	56	
STYLARIA	71	84	36	
OTHER	151	108	34	
ALL OLIGOCHAETA				4614
CLADOCERA				
BOSMINA	0	0	1	
DAPHNIA	14	4	2	
ALL CLADOCERA				145

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/12/83

TRANSECT 7 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
CYCLOPOIDIDAE	1	0	0	
DIAPTOMUS	16	0	10	
HARPACTICOIDA	0	1	8	
ALL COPEPODA				248
OSTRACODA	1	2	0	21
AMPHIPODA				
GAMMARUS	155	119	8	
HYALELLA AZTECA	41	8	3	
ALL AMPHIPODA				2300
ISOPODA				
LIRCEUS	0	1	0	7
ALL ISOPODA				7
DIPTERA				
CERATOPOGONIDAE	1	2	0	
CHIRONOMIDAE	189	89	8	1970
EMPIDIDAE	0	1	0	
ALL DIPTERA				1997
EPHEMEROPTERA				
CAENIDAE				
CAENIS	41	28	10	
EPHEMERIDAE				
HEXAGENIA	11	14	4	
BAETISCIDAE				
BAETISCA	0	0	1	
ALL EPHEMEROPTERA				751

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/12/83

TRANSECT 7 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TRICHOPTERA				
BRACHYCENTRIDAE				
BRACHYCENTRUS	4	62	1	
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	0	0	1	
HYDROPSYCHE	0	7	0	
LEPTOCERIDAE				
CERACLEA	0	1	0	
NECTOPSYCHE	0	1	0	
OECETIS	3	0	0	
TRIAENODES	0	1	0	
POLYCENTROPODIDAE				
NEURECLIPSIS	0	9	0	
ALL TRICHOPTERA				620
ACARINA	0	0	1	7
GASTROPODA				
AMNICOLA	26	68	93	
ELIMIA LIVESCENS	2	0	0	
GYRAULUS	21	18	0	
PHYSA	2	16	0	
ALL GASTROPODA				1694
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	25	34	0	
SPHAERIUM	0	1	0	
ALL SPHAERIIDAE				413
ALL PELECYPODA				413

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/12/83

ST. CLAIR RIVER TRANSECT 7 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA	1627	345	878	19627
HYDRA				19627
ALL CNIDARIA				
RHABDOCOELA	0	10	22	220
TRICLADIDA	26	0	0	179
NEMERTINEA	2	3	1	41
NEMATODA	11	15	32	399
OLIGOCHAETA	84	43	2	
SPIROSPERMA	8	2	0	
STYLARIA	81	60	5	
OTHER				1963
ALL OLIGOCHAETA				
POLYCHAETA	8	0	0	55
MANAYUNKIA SPECIOSA				55
ALL POLYCHAETA				
CLADOCERA	1	0	17	
DAPHNIA	0	0	1	
SIDA CRYSTALLINA				131
ALL CLADOCERA				

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/12/83

TRANSECT 7 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
MACROCYCLOPS	0	2	1	21
ALL COPEPODA				21
AMPHIPODA				
GAMMARUS	167	35	0	
HYALELLA AZTECA	7	1	0	
ALL AMPHIPODA				1446
TERRESTRIAL INSECT	0	1	0	7
DIPTERA				
CHIRONOMIDAE	36	27	14	530
EPHEMEROPTERA				
CAENIDAE				
CAENIS	46	1	0	
EPHEMERIDAE				
HEXAGENIA	1	0	16	
HEPTAGENIIDAE				
STENONEMA	0	4	8	
ALL EPHEMEROPTERA				523
COLEOPTERA				
ELMIDAE	0	1	0	7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/12/83

TRANSECT 7 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TRICHOPTERA				
BRACHYCENTRIDAE				
BRACHYCENTRUS	7	0	0	
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	12	8	2	
HYDROPSYCHE	5	0	0	
LEPTOCERIDAE				
CERACLEA	3	0	0	
MYSTACIDES	16	0	0	
POLYCENTROPODIDAE				
NEURECLIPSIS	2	21	34	
ALL TRICHOPTERA				758
GASTROPODA				
AMNICOLA	42	2	0	
ELIMIA LIVESCENS	48	58	3	
GYRAULUS	16	0	0	
PHYSA	9	0	0	
ALL GASTROPODA				1226
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	17	11	0	
SPHAERIUM	5	20	0	
ALL SPHAERIIDAE				365
ALL PELECYPODA				365

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/12/83

ST. CLAIR RIVER TRANSECT 7 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	108	13	73	1336
ALL CNIDARIA				1336
RHABDOCOELA	0	5	8	90
TRICLADIDA	2	0	0	14
NEMERTINEA	6	6	0	83
NEMATODA	30	15	11	386
OLIGOCHAETA				
SPIROSPERMA	2	0	2	
OTHER	3	25	6	
ALL OLIGOCHAETA				262
CLADOCERA				
DAPHNIA	3	2	2	48
ALL CLADOCERA				48
COPEPODA				
DIAPTOMUS	0	2	1	
EPISHURA LACUSTRIS	0	1	0	
ALL COPEPODA				28

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/12/83

TRANSECT 7 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
AMPHIPODA				
GAMMARUS	86	8	4	
HYALELLA AZTECA	5	0	0	
ALL AMPHIPODA				709
DIPTERA				
CHIRONOMIDAE	9	2	1	83
EPHEMEROPTERA				
CAENIDAE				
CAENIS	2	0	0	
EPHEMERIDAE				
HEXAGENIA	0	1	0	
HEPTAGENIIDAE				
STENONEMA	1	0	1	
ALL EPHEMEROPTERA				34
TRICHOPTERA				
BRACHYCENTRIDAE				
BRACHYCENTRUS	7	0	0	
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	26	8	1	
HYDROPSYCHE	11	0	0	
POLYCENTROPODIDAE				
NEURECLIPSIS	2	1	2	
ALL TRICHOPTERA				399
ACARINA	1	0	0	7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/12/83

TRANSECT 7 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
GASTROPODA				
AMNICOLA	2	11	0	
ELIMIA LIVESCENS	8	15	8	
VALVATA TRICARINATA	0	1	0	
ALL GASTROPODA				310
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	0	0	5	
SPHAERIUM	5	5	1	
ALL SPHAERIIDAE				110
ALL PELECYPODA				110

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/12/83

ST. CLAIR RIVER TRANSECT 8 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	2	0	18	138
ALL CNIDARIA				138
RHABDOCOELA	15	8	5	193
NEMERTINEA	71	6	43	826
NEMATODA	122	97	57	1901
OLIGOCHAETA				
NAIS	0	0	1	
SPIROSPERMA	244	146	52	
STYLARIA	5	0	1	
OTHER	249	275	138	
ALL OLIGOCHAETA				7651
POLYCHAETA				
MANAYUNKIA SPECIOSA	978	952	663	17857
ALL POLYCHAETA				17857
CLADOCERA				
ALONA	0	32	0	220
ALL CLADOCERA				220

MACROZOOBENTHOS PONAR GRAB COUNT DATA

10/12/83

TRANSECT 8 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
DIAPTOMUS	16	0	0	
EPISHURA LACUSTRIS	0	1	0	
HARPACTICOIDA	0	0	16	
MACROCYCLOPS	0	1	2	
ALL COPEPODA				248
OSTRACODA	16	0	0	110
AMPHIPODA				
GAMMARUS	66	33	35	
HYALELLA AZTECA	18	33	24	
ALL AMPHIPODA				1439
ISOPODA				
ASELLUS	3	1	0	
LIRCEUS	0	1	0	
ALL ISOPODA				34
DIPTERA				
CERATOPOGONIDAE	1	2	0	
CHIRONOMIDAE	61	10	69	964
ALL DIPTERA				985

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/12/83

TRANSECT 8 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
CAENIDAE				
CAENIS	39	50	106	
EPHEMERIDAE				
HEXAGENIA	1	4	7	
HEPTAGENIIDAE				
STENONEMA	0	1	1	
ALL EPHEMEROPTERA				1439
TRICHOPTERA				
BRACHYCENTRIDAE				
BRACHYCENTRUS	1	0	0	
LEPTOCERIDAE				
OECETIS	0	1	1	
POLYCENTROPODIDAE				
POLYCENTROPUS	7	7	17	
ALL TRICHOPTERA				234
GASTROPODA				
AMNICOLA	0	1	0	
ELIMIA LIVESCENS	2	10	1	
GYRAULUS	0	1	0	
PHYSA	1	32	1	
ALL GASTROPODA				337
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	0	1	0	
SPHAERIUM	1	1	0	
ALL SPHAERIIDAE				21
ALL PELECYPODA				21

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/12/83

ST. CLAIR RIVER TRANSECT 8 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	0	16	0	110
ALL CNIDARIA				110
RHABDOCOELA	20	89	3	771
TRICLADIDA	1	0	0	7
NEMERTINEA	0	1	0	7
NEMATODA	21	9	34	441
OLIGOCHAETA				
NAIS	0	1	0	
SPIROSPERMA	59	71	65	
STYLARIA	10	102	1	
OTHER	962	413	1385	
ALL OLIGOCHAETA				21135
POLYCHAETA				
MANAYUNKIA SPECIOSA	16	118	49	1260
ALL POLYCHAETA				1260
CLADOCERA				
DAPHNIA	9	0	0	62
ALL CLADOCERA				62

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/12/83

TRANSECT 8 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
HARPACTICOIDA	0	16	0	110
ALL COPEPODA				110
AMPHIPODA				
GAMMARUS	3	141	12	
HYALELLA AZTECA	7	113	0	
ALL AMPHIPODA				1901
ISOPODA				
ASELLUS	0	1	0	
LIRCEUS	0	3	0	
ALL ISOPODA				28
DIPTERA				
CHIRONOMIDAE	216	138	185	3712
EPHEMEROPTERA				
CAENIDAE				
CAENIS	0	2	3	
EPHEMERIDAE				
HEXAGENIA	2	6	0	
ALL EPHEMEROPTERA				90
COLEOPTERA				
ELMIDAE	0	0	1	7
TRICHOPTERA				
POLYCENTROPODIDAE				
POLYCENTROPUS	0	1	1	
ALL TRICHOPTERA				14

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/12/83

TRANSECT 8 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
GASTROPODA				
AMNICOLA	3	67	17	
ELIMIA LIVESCENS	0	4	1	
GYRAULUS	0	25	0	
PHYSA	0	14	0	
VALVATA TRICARINATA	1	0	0	
ALL GASTROPODA				909
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	2	14	5	145
ALL PELECYPODA				145

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/12/83

ST. CLAIR RIVER TRANSECT 8 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	91	2	13	730
ALL CNIDARIA				730
RHABDOCOELA	117	24	23	1129
TRICLADIDA	56	0	0	386
NEMERTINEA	24	16	1	282
NEMATODA	11	51	23	585
HIRUDINEA				
GLOSSIPHONIIDAE				
GLOSSIPHONIA COMPLANATA	1	0	0	
HELOBDELLA PAPILLATA	1	0	0	
PISCICOLIDAE	0	0	1	
ALL HIRUDINEA				21
OLIGOCHAETA				
SPIROSPERMA	90	32	54	
STYLARIA	2	1	0	
OTHER	262	332	224	
ALL OLIGOCHAETA				6866

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/12/83

TRANSECT 8 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
POLYCHAETA				
MANAYUNKIA SPECIOSA	16	9	17	289
ALL POLYCHAETA				289
CLADOCERA				
DAPHNIA	9	8	0	117
ALL CLADOCERA				117
COPEPODA				
DIAPTOMUS	16	0	0	
HARPACTICOIDA	0	32	8	
ALL COPEPODA				386
AMPHIPODA				
GAMMARUS	128	0	1	
HYALELLA AZTECA	0	0	2	
ALL AMPHIPODA				902
ISOPODA				
ASELLUS	19	0	0	
LIRCEUS	2	0	0	
ALL ISOPODA				145
DIPTERA				
CHIRONOMIDAE	167	209	129	3478
EPHEMEROPTERA				
CAENIDAE				
CAENIS	9	0	0	
EPHEMERIDAE				
HEXAGENIA	84	199	196	
ALL EPHEMEROPTERA				3361

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/12/83

TRANSECT 8 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COLEOPTERA				
ELMIDAE				
DUBIRAPHIA	1	0	0	
ALL COLEOPTERA				7
ACARINA	0	0	1	7
GASTROPODA				
AMNICOLA	44	18	23	
PHYSA	3	0	2	
VALVATA TRICARINATA	0	0	1	
ALL GASTROPODA				627
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	15	5	13	227
UNIONIDAE	1	0	0	
ALL PELECYPODA				234

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/13/83

ST. CLAIR RIVER TRANSECT 9 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	0	1	0	7
NEMATODA	1	0	0	7
OLIGOCHAETA	5	4	7	110
POLYCHAETA				
MANAYUNKIA SPECIOSA	1	0	6	48
ALL POLYCHAETA				48
CLADOCERA				
BOSMINA	0	1	1	14
ALL CLADOCERA				14
COPEPODA				
DIAPTOMUS	0	1	0	
HARPACTICOIDA	0	0	1	
ALL COPEPODA				14
AMPHIPODA				
GAMMARUS	1	2	1	28
ALL AMPHIPODA				28
DIPTERA				
CERATOPOGONIDAE	1	0	1	
CHIRONOMIDAE	4	3	2	62
ALL DIPTERA				76

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/13/83

ST. CLAIR RIVER TRANSECT 9 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
FISH				
FISH EGGS	0	1	0	7
ALL FISH				7
CNIDARIA				
HYDRA	8	7	1	110
ALL CNIDARIA				110
RHABDOCOELA	10	23	8	282
TRICLADIDA	0	0	26	179
NEMERTINEA	1	1	1	21
NEMATODA	11	21	2	234
OLIGOCHAETA				
NAIS	0	0	1	
SPIROSPERMA	46	154	82	
STYLARIA	69	105	75	
OTHER	178	236	89	
ALL OLIGOCHAETA				7128
POLYCHAETA				
MANAYUNKIA SPECIOSA	142	254	222	4256
ALL POLYCHAETA				4256

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/13/83

TRANSECT 9 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CLADOCERA				
DAPHNIA	3	1	2	
SIDA CRYSTALLINA	0	0	1	
ALL CLADOCERA				48
COPEPODA				
DIAPTOMUS	1	1	0	
HARPACTICOIDA	6	4	0	
ALL COPEPODA				83
OSTRACODA	0	2	1	21
AMPHIPODA				
GAMMARUS	55	199	288	
HYALELLA AZTECA	3	3	5	
ALL AMPHIPODA				3808
ISOPODA				
ASELLUS	0	0	3	
LIRCEUS	0	1	0	
ALL ISOPODA				28
DIPTERA				
CERATOPOGONIDAE	13	3	1	
CHIRONOMIDAE	117	186	75	2603
ALL DIPTERA				2720

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/13/83

TRANSECT 9 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
CAENIDAE				
CAENIS	31	5	5	
EPHEMERIDAE				
HEXAGENIA	4	3	0	
ALL EPHEMEROPTERA				331
TRICHOPTERA				
LEPTOCERIDAE				
CERACLEA	0	1	0	
MYSTACIDES	0	4	2	
NECTOPSYCHE	1	0	0	
OECETIS	6	3	7	
SETODES	1	0	0	
ALL TRICHOPTERA				172
ACARINA	1	1	1	21
GASTROPODA				
AMNICOLA	1	33	56	
ELIMIA LIVESCENS	1	0	0	
GYRAULUS	8	12	13	
PHYSA	1	27	14	
VALVATA TRICARINATA	0	1	0	
ALL GASTROPODA				1150
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	48	53	74	
SPHAERIUM	5	0	0	
ALL SPHAERIIDAE				1240
ALL PELECYPODA				1240

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/13/83

ST. CLAIR RIVER TRANSECT 9 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	80	15	8	709
ALL CNIDARIA				709
RHABDOCOELA	27	7	24	399
TRICLADIDA	0	0	63	434
NEMERTINEA	8	3	0	76
NEMATODA	47	15	25	599
HIRUDINEA				
ERPOBDELLIDAE	0	0	1	
GLOSSIPHONIIDAE				
GLOSSIPHONIA HETEROCLITA	0	0	3	
HELOBDELLA TRISERIALIS	0	0	1	
ALL HIRUDINEA				34
OLIGOCHAETA				
SPIROSPERMA	86	31	0	
STYLARIA	115	35	123	
OTHER	286	215	393	
ALL OLIGOCHAETA				8842

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/13/83

TRANSECT 9 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
POLYCHAETA				
MANAYUNKIA SPECIOSA	44	47	0	627
ALL POLYCHAETA				627
CLADOCERA				
DAPHNIA	9	5	0	
ILYOCRYPTUS	0	0	1	
ALL CLADOCERA				103
COPEPODA				
CYCLOPOIDIDAE	0	1	0	
DIAPTOMUS	0	1	0	
HARPACTICOIDA	40	44	8	
ALL COPEPODA				647
OSTRACODA	10	1	2	90
AMPHIPODA				
GAMMARUS	32	28	76	
HYALELLA AZTECA	2	1	285	
ALL AMPHIPODA				2920
ISOPODA				
LIRCEUS	2	0	0	14
ALL ISOPODA				14
DIPTERA				
CERATOPOGONIDAE	0	1	0	
CHIRONOMIDAE	400	161	350	6274
ALL DIPTERA				6281

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/13/83

TRANSECT 9 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
CAENIDAE				
CAENIS	12	1	2	
EPHEMERIDAE				
HEXAGENIA	76	6	0	
ALL EPHEMEROPTERA				668
TRICHOPTERA				
HYDROPTILIDAE				
HYDROPTILA	1	0	0	
LEPTOCERIDAE				
MYSTACIDES	1	0	0	
OECETIS	0	1	0	
TRIAENODES	1	0	0	
ALL TRICHOPTERA				28
ODONATA				
COENAGRIONIDAE	1	0	0	7
ACARINA	1	3	1	34
GASTROPODA				
AMNICOLA	54	27	21	
ELIMIA LIVESCENS	1	1	0	
GYRAULUS	0	1	2	
PHYSA	5	0	23	
VALVATA TRICARINATA	3	1	0	
ALL GASTROPODA				957
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	11	21	0	220
ALL PELECYPODA				220

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/13/83

ST. CLAIR RIVER TRANSECT 10 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	0	1	1	14
NEMERTINEA	0	0	1	7
NEMATODA	0	0	3	21
OLIGOCHAETA	59	52	60	1178
CLADOCERA				
DAPHNIA	0	2	0	14
ALL CLADOCERA				14
COPEPODA				
HARPACTICOIDA	0	0	1	7
ALL COPEPODA				7
AMPHIPODA				
GAMMARUS	0	1	0	7
ALL AMPHIPODA				7
DIPTERA				
CERATOPOGONIDAE	8	2	6	
CHIRONOMIDAE	9	13	27	337
ALL DIPTERA				448

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/13/83

TRANSECT 10 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
CAENIDAE				
CAENIS	1	0	0	
EPHEMERIDAE				
HEXAGENIA	2	0	1	
ALL EPHEMEROPTERA				28
GASTROPODA				
ELIMIA LIVESCENS	1	2	0	21
ALL GASTROPODA				21
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	3	0	0	21
ALL PELECYPODA				21

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/13/83

ST. CLAIR RIVER TRANSECT 10 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	0	2	0	14
ALL CNIDARIA				14
RHABDOCOELA	0	3	0	21
TRICLADIDA	0	1	0	7
NEMATODA	0	5	0	34
OLIGOCHAETA				
NAIS	0	1	0	
STYLARIA	0	6	0	
OTHER	70	200	28	
ALL OLIGOCHAETA				2100
POLYCHAETA				
MANAYUNKIA SPECIOSA	0	5	4	62
ALL POLYCHAETA				62
CLADOCERA				
DAPHNIA	2	1	0	21
ALL CLADOCERA				21
AMPHIPODA				
GAMMARUS	0	7	1	55
ALL AMPHIPODA				55

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/13/83

TRANSECT 10 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
DIPTERA				
CERATOPOGONIDAE	4	13	6	
CHIRONOMIDAE	4	167	2	1191
ALL DIPTERA				1350
EPHEMEROPTERA				
CAENIDAE				
CAENIS	0	12	0	
EPHEMERIDAE				
HEXAGENIA	0	2	0	
BAETISCIDAE				
BAETISCA	0	1	0	
ALL EPHEMEROPTERA				103
ACARINA	0	3	1	28
GASTROPODA				
ELIMIA LIVESCENS	2	0	0	14
ALL GASTROPODA				14
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	2	0	1	21
ALL PELECYPODA				21

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/13/83

ST. CLAIR RIVER TRANSECT 10 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	8	11	0	131
ALL CNIDARIA				131
RHABDOCOELA	8	28	2	262
TRICLADIDA	0	18	0	124
NEMERTINEA	0	15	1	110
NEMATODA	9	11	28	331
OLIGOCHAETA				
NAIS	8	0	0	
SPIROSPERMA	1	32	25	
STYLARIA	0	47	6	
OTHER	69	307	144	
ALL OLIGOCHAETA				4401
POLYCHAETA				
MANAYUNKIA SPECIOSA	0	18	0	124
ALL POLYCHAETA				124
CLADOCERA				
DAPHNIA	1	10	1	
SIDA CRYSTALLINA	0	1	0	
ALL CLADOCERA				90

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/13/83

TRANSECT 10 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
EPISHURA LACUSTRIS	0	0	1	
HARPACTICOIDA	0	0	32	
LIMNOCALANUS	0	0	1	
ALL COPEPODA				234
OSTRACODA	0	1	0	7
AMPHIPODA				
GAMMARUS	0	25	0	
HYALELLA AZTECA	0	1	0	
PONTOPOREIA HOYI	0	3	0	
ALL AMPHIPODA				200
DIPTERA				
CHIRONOMIDAE	168	420	119	4869
EPHEMEROPTERA				
CAENIDAE				
CAENIS	0	8	0	
EPHEMERIDAE				
HEXAGENIA	11	65	20	
ALL EPHEMEROPTERA				716

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/13/83

TRANSECT 10 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TRICHOPTERA				
HYDROPSYCHIDAE				
HYDROPSYCHE	1	0	0	
HYDROPTILIDAE				
HYDROPTILA	0	2	0	
LEPTOCERIDAE				
OECETIS	0	0	1	
POLYCENTROPODIDAE				
POLYCENTROPUS	0	1	0	
ALL TRICHOPTERA				34
ACARINA	0	4	0	28
GASTROPODA				
AMNICOLA	4	36	4	
ELIMIA LIVESCENS	1	3	0	
GYRAULUS	0	9	0	
PHYSA	0	6	0	
VALVATA TRICARINATA	0	1	0	
ALL GASTROPODA				441
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	1	9	2	83
UNIONIDAE	0	1	0	
ALL PELECYPODA				90

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/83

LAKE ST. CLAIR TRANSECT 11 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	0	1	1	14
ALL CNIDARIA				14
RHABDOCOELA	4	3	1	55
NEMERTINEA	0	0	1	7
NEMATODA	26	28	50	716
HIRUDINEA				
GLOSSIPHONIIDAE				
HELOBDELLA STAGNALIS	0	0	1	
ALL HIRUDINEA				7
OLIGOCHAETA				
NAIS	1	0	0	
SPIROSPERMA	7	58	8	
OTHER	53	78	52	
ALL OLIGOCHAETA				1770
POLYCHAETA				
MANAYUNKIA SPECIOSA	60	0	170	1584
ALL POLYCHAETA				1584
CLADOCERA				
SIDA CRYSTALLINA	0	0	1	7
ALL CLADOCERA				7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/83

TRANSECT 11 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
EPISHURA LACUSTRIS	1	0	0	
HARPACTICOIDA	72	63	117	
MACROCYCLOPS	1	0	0	
ALL COPEPODA				1749
OSTRACODA	14	17	21	358
AMPHIPODA				
GAMMARUS	97	64	114	1894
ALL AMPHIPODA				1894
DIPTERA				
CHIRONOMIDAE	28	31	30	613
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	100	116	99	
ALL EPHEMEROPTERA				2169
TRICHOPTERA				
LEPTOCERIDAE				
OECETIS	7	12	7	
ALL TRICHOPTERA				179
ACARINA	1	1	1	21

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/83

TRANSECT 11 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
GASTROPODA				
AMNICOLA	9	2	1	
BITHYNIA	1	0	0	
ELIMIA LIVESCENS	0	0	1	
GYRAULUS	6	2	2	
PLEUROCERA ACUTA	2	0	0	
VALVATA TRICARINATA	4	5	1	
ALL GASTROPODA				248
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	11	10	5	
SPHAERIUM	0	0	1	
ALL SPHAERIIDAE				186
ALL PELECYPODA				186

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/83

LAKE ST. CLAIR TRANSECT 11 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	2	3	0	34
NEMATODA	135	139	149	2913
HIRUDINEA				
GLOSSIPHONIIDAE				
HELOBDELLA ELONGATA	0	2	0	
HELOBDELLA STAGNALIS	0	0	1	
ALL HIRUDINEA				21
OLIGOCHAETA				
NAIS	0	1	0	
SPIROSPERMA	0	1	0	
OTHER	344	456	322	
ALL OLIGOCHAETA				7741
POLYCHAETA				
MANAYUNKIA SPECIOSA	33	83	60	1212
ALL POLYCHAETA				1212
CLADOCERA				
DAPHNIA	1	0	0	7
ALL CLADOCERA				7
COPEPODA				
DIAPTOMUS	0	0	1	
HARPACTICOIDA	5	6	30	
MACROCYCLOPS	3	5	3	
ALL COPEPODA				365

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/83

TRANSECT 11 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
OSTRACODA	1	2	8	76
AMPHIPODA				
GAMMARUS	17	10	11	262
ALL AMPHIPODA				262
DIPTERA				
CHIRONOMIDAE	18	47	27	634
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	43	42	29	
ALL EPHEMEROPTERA				785
TRICHOPTERA				
LEPTOCERIDAE				
OECETIS	2	1	0	
ALL TRICHOPTERA				21
ACARINA	3	1	1	34
GASTROPODA				
AMNICOLA	1	0	1	
ELIMIA LIVESCENS	1	1	0	
VALVATA TRICARINATA	0	1	0	
ALL GASTROPODA				34
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	93	62	30	
SPHAERIUM	1	5	3	
ALL SPHAERIIDAE				1336
ALL PELECYPODA				1336

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/83

LAKE ST. CLAIR TRANSECT 11 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	1	0	0	7
ALL CNIDARIA				7
RHABDOCOELA	1	4	0	34
TRICLADIDA	0	0	1	7
NEMATODA	208	193	173	3953
HIRUDINEA				
GLOSSIPHONIIDAE				
HELOBDELLA ELONGATA	3	1	3	
ALL HIRUDINEA				48
OLIGOCHAETA				
SPIROSPERMA	21	0	15	
OTHER	1123	1123	731	
ALL OLIGOCHAETA				20750
POLYCHAETA				
MANAYUNKIA SPECIOSA	23	57	42	840
ALL POLYCHAETA				840
CLADOCERA				
DAPHNIA	2	1	0	
ILYOCRYPTUS	0	0	2	
ALL CLADOCERA				34

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/83

TRANSECT 11 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
DIAPTOMUS	1	1	1	
EPISHURA LACUSTRIS	1	0	0	
HARPACTICOIDA	27	10	10	
MACROCYCLOPS	12	6	4	
ALL COPEPODA				503
OSTRACODA	2	0	0	14
AMPHIPODA				
GAMMARUS	19	41	10	482
ALL AMPHIPODA				482
DIPTERA				
CHIRONOMIDAE	37	25	39	696
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	46	29	47	
ALL EPHEMEROPTERA				840
TRICHOPTERA				
LEPTOCERIDAE				
OECETIS	0	0	1	
ALL TRICHOPTERA				7
ACARINA	0	1	0	7
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	67	128	78	
SPHAERIUM	0	0	5	
ALL SPHAERIIDAE				1914
ALL PELECYPODA				1914

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/83

LAKE ST. CLAIR TRANSECT 12 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TRICLADIDA	0	1	0	7
NEMATODA	18	15	16	337
OLIGOCHAETA				
SPIROSPERMA	2	3	3	
STYLARIA	1	0	1	
OTHER	22	24	19	
ALL OLIGOCHAETA				516
POLYCHAETA				
MANAYUNKIA SPECIOSA	22	15	27	441
ALL POLYCHAETA				441
CLADOCERA				
DAPHNIA	0	1	0	
ILYOCRYPTUS	1	0	0	
ALL CLADOCERA				14
COPEPODA				
CYCLOPOIDIDAE	1	1	0	
DIAPTOMUS	0	1	1	
HARPACTICOIDA	25	19	15	
ALL COPEPODA				434
OSTRACODA	10	4	10	165

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/83

TRANSECT 12 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
AMPHIPODA				
GAMMARUS	32	14	24	482
ALL AMPHIPODA				482
DIPTERA				
CHIRONOMIDAE	35	24	29	606
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	126	129	148	
ALL EPHEMEROPTERA				2775
TRICHOPTERA				
LEPTOCERIDAE				
OECETIS	7	3	4	
ALL TRICHOPTERA				96
ACARINA	1	0	0	7
GASTROPODA				
AMNICOLA	4	4	2	
ELIMIA LIVESCENS	0	0	1	
GYRAULUS	5	3	3	
VALVATA TRICARINATA	0	1	0	
ALL GASTROPODA				158
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	14	22	14	
SPHAERIUM	1	0	0	
ALL SPHAERIIDAE				351
ALL PELECYPODA				351

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/83

LAKE ST. CLAIR TRANSECT 12 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	5	1	0	41
TRICLADIDA	1	0	1	14
NEMATODA	54	24	15	640
HIRUDINEA				
GLOSSIPHONIIDAE				
HELOBDELLA ELONGATA	0	1	0	
ALL HIRUDINEA				7
OLIGOCHAETA				
SPIROSPERMA	1	1	0	
OTHER	171	159	99	
ALL OLIGOCHAETA				2968
POLYCHAETA				
MANAYUNKIA SPECIOSA	13	4	5	152
ALL POLYCHAETA				152
CLADOCERA				
DAPHNIA	1	0	0	7
ALL CLADOCERA				7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/83

TRANSECT 12 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
CYCLOPS BICUSPIDATUS	3	0	1	
DIAPTOMUS	3	0	0	
EPISHURA LACUSTRIS	2	1	0	
HARPACTICOIDA	16	5	4	
LIMNOCALANUS	0	1	0	
MACROCYCLOPS	4	2	0	
MESOCYCLOPS	3	0	0	
ALL COPEPODA				310
OSTRACODA	16	4	0	138
AMPHIPODA				
GAMMARUS	524	20	6	3788
ALL AMPHIPODA				3788
DIPTERA				
CHIRONOMIDAE	50	32	24	730
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	122	117	92	
ALL EPHEMEROPTERA				2279
TRICHOPTERA				
LEPTOCERIDAE				
OECETIS	3	3	2	
ALL TRICHOPTERA				55
ACARINA	1	0	0	7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/83

TRANSECT 12 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
GASTROPODA				
AMNICOLA	0	1	0	
GYRAULUS	5	0	0	
ALL GASTROPODA				41
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	33	34	26	
SPHAERIUM	2	0	2	
ALL SPHAERIIDAE				668
ALL PELECYPODA				668

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/83

LAKE ST. CLAIR TRANSECT 12 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TRICLADIDA	0	0	1	7
NEMATODA	15	9	15	269
HIRUDINEA				
GLOSSIPHONIIDAE				
HELOBDELLA ELONGATA	2	0	1	
ALL HIRUDINEA				21
OLIGOCHAETA				
SPIROSPERMA	0	0	2	
OTHER	130	187	301	
ALL OLIGOCHAETA				4270
POLYCHAETA				
MANAYUNKIA SPECIOSA	24	53	107	1267
ALL POLYCHAETA				1267
CLADOCERA				
BOSMINA	0	0	1	
DAPHNIA	0	3	1	
ALL CLADOCERA				34
COPEPODA				
DIAPTOMUS	0	0	4	
HARPACTICOIDA	0	3	9	
MACROCYCLOPS	0	1	1	
ALL COPEPODA				124
OSTRACODA	1	1	1	21

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/83

TRANSECT 12 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
AMPHIPODA				
GAMMARUS	15	9	11	241
ALL AMPHIPODA				241
DIPTERA				
CHIRONOMIDAE	18	24	38	551
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	87	70	79	
ALL EPHEMEROPTERA				1625
TRICHOPTERA				
LEPTOCERIDAE				
OECETIS	2	1	0	
ALL TRICHOPTERA				21
ACARINA	1	0	2	21
GASTROPODA				
AMNICOLA	1	2	3	
GYRAULUS	0	1	0	
ALL GASTROPODA				48
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	14	5	44	
SPHAERIUM	1	1	0	
ALL SPHAERIIDAE				448
ALL PELECYPODA				448

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/83

LAKE ST. CLAIR TRANSECT 13 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	2	0	14	110
NEMATODA	17	26	28	489
OLIGOCHAETA				
NAIS	0	1	10	
SPIROSPERMA	2	1	0	
OTHER	6	4	0	
ALL OLIGOCHAETA				165
POLYCHAETA				
MANAYUNKIA SPECIOSA	18	27	17	427
ALL POLYCHAETA				427
COPEPODA				
HARPACTICOIDA	1	5	49	379
ALL COPEPODA				379
OSTRACODA	1	3	5	62
AMPHIPODA				
GAMMARUS	88	73	72	1605
ALL AMPHIPODA				1605
DIPTERA				
CHIRONOMIDAE	14	40	27	558

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/83

TRANSECT 13 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	56	158	120	
ALL EPHEMEROPTERA				2300
TRICHOPTERA				
LEPTOCERIDAE				
OECETIS	1	3	10	
ALL TRICHOPTERA				96
ACARINA	0	0	1	7
GASTROPODA				
AMNICOLA	11	4	9	
ELIMIA LIVESCENS	1	2	3	
GYRAULUS	9	7	14	
VALVATA TRICARINATA	4	4	6	
ALL GASTROPODA				510
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	7	9	6	
SPHAERIUM	2	8	3	
ALL SPHAERIIDAE				241
UNIONIDAE	1	0	0	
ALL PELECYPODA				248

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/83

LAKE ST. CLAIR TRANSECT 13 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	1	0	1	14
NEMATODA	25	42	10	530
OLIGOCHAETA	160	152	60	2562
POLYCHAETA				
MANAYUNKIA SPECIOSA	4	14	8	179
ALL POLYCHAETA				179
CLADOCERA				
BOSMINA	0	1	0	7
ALL CLADOCERA				7
COPEPODA				
DIAPTOMUS	0	1	0	
HARPACTICOIDA	14	34	1	
MACROCYCLOPS	0	2	1	
ALL COPEPODA				365
OSTRACODA	3	16	0	131
AMPHIPODA				
GAMMARUS	20	49	19	606
ALL AMPHIPODA				606

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/83

TRANSECT 13 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
DIPTERA				
CHIRONOMIDAE	40	42	34	799
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	92	100	90	
ALL EPHEMEROPTERA				1942
TRICHOPTERA				
LEPTOCERIDAE				
OECETIS	1	2	2	
ALL TRICHOPTERA				34
ACARINA	1	0	1	14
GASTROPODA				
AMNICOLA	3	3	2	
GYRAULUS	0	1	1	
ALL GASTROPODA				69
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	25	44	16	
SPHAERIUM	3	5	2	
ALL SPHAERIIDAE				654
ALL PELECYPODA				654

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/83

LAKE ST. CLAIR TRANSECT 13 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PORIFERA				
SPONGILLA	0	+	0	+
ALL PORIFERA				0
NEMATODA	12	23	19	372
HIRUDINEA				
GLOSSIPHONIIDAE				
HELOBDELLA STAGNALIS	1	0	0	
ALL HIRUDINEA				7
OLIGOCHAETA				
SPIROSPERMA	2	1	0	
OTHER	147	164	103	
ALL OLIGOCHAETA				2872
POLYCHAETA				
MANAYUNKIA SPECIOSA	14	29	17	413
ALL POLYCHAETA				413
CLADOCERA				
BOSMINA	1	0	0	
DAPHNIA	1	0	0	
ALL CLADOCERA				14
COPEPODA				
EPISHURA LACUSTRIS	2	0	0	
HARPACTICOIDA	2	4	0	
MACROCYCLOPS	0	0	2	
ALL COPEPODA				69
OSTRACODA	2	2	3	48

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/83

TRANSECT 13 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
AMPHIPODA				
GAMMARUS	9	13	20	289
ALL AMPHIPODA				289
DIPTERA				
CHIRONOMIDAE	28	52	32	771
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	83	111	107	
ALL EPHEMEROPTERA				2073
TRICHOPTERA				
LEPTOCERIDAE				
OECETIS	3	1	3	
ALL TRICHOPTERA				48
ACARINA	1	1	1	21
GASTROPODA				
AMNICOLA	0	1	3	
GYRAULUS	1	1	2	
VALVATA TRICARINATA	0	0	1	
ALL GASTROPODA				62
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	28	73	19	
SPHAERIUM	0	2	2	
ALL SPHAERIIDAE				854
ALL PELECYPODA				854

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/83

DETROIT RIVER TRANSECT 14 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	19	8	0	186
ALL CNIDARIA				186
RHABDOCOELA	27	15	7	337
NEMERTINEA	25	2	7	234
NEMATODA	2	1	0	21
OLIGOCHAETA				
SPIROSPERMA	0	1	0	
OTHER	13	5	20	
ALL OLIGOCHAETA				269
POLYCHAETA				
MANAYUNKIA SPECIOSA	2	0	0	14
ALL POLYCHAETA				14
CLADOCERA				
BOSMINA	0	1	0	7
ALL CLADOCERA				7
AMPHIPODA				
GAMMARUS	4	0	0	
HYALELLA AZTECA	8	4	0	
ALL AMPHIPODA				110

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/83

TRANSECT 14 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
DIPTERA				
CERATOPOGONIDAE	0	1	0	
CHIRONOMIDAE	83	25	1	751
ALL DIPTERA				758
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	2	0	0	
ALL EPHEMEROPTERA				14
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	25	11	0	
HYDROPSYCHE	40	28	4	
ALL TRICHOPTERA				744
ACARINA	6	2	1	62
GASTROPODA				
AMNICOLA	1	0	0	
ELIMIA LIVESCENS	32	16	30	
FERISSIA	5	4	0	
GYRAULUS	4	5	0	
PHYSA	4	12	0	
ALL GASTROPODA				778
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	44	25	13	
SPHAERIUM	4	9	2	
ALL SPHAERIIDAE				668
UNIONIDAE	1	0	1	
ALL PELECYPODA				682

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/83

DETROIT RIVER TRANSECT 14 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	1	0	0	7
ALL CNIDARIA				7
TRICLADIDA	4	3	6	90
NEMERTINEA	11	4	5	138
NEMATODA	0	4	3	48
OLIGOCHAETA	20	19	14	365
POLYCHAETA				
MANAYUNKIA SPECIOSA	1	2	0	21
ALL POLYCHAETA				21
COPEPODA				
DIAPTOMUS	0	0	1	7
ALL COPEPODA				7
DIPTERA				
CHIRONOMIDAE	1	2	0	21
EPHEMEROPTERA				
BAETISCIDAE				
BAETISCA	4	0	0	
ALL EPHEMEROPTERA				28

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/83

TRANSECT 14 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
ACARINA	1	1	1	21
GASTROPODA				
AMNICOLA	2	0	2	
ELIMIA LIVESCENS	12	3	3	
GYRAULUS	0	1	0	
PHYSA	1	0	0	
ALL GASTROPODA				165
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	17	2	7	
SPHAERIUM	1	0	3	
ALL SPHAERIIDAE				207
ALL PELECYPODA				207

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/83

DETROIT RIVER TRANSECT 14 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	0	1	0	7
ALL CNIDARIA				7
RHABDOCOELA	0	1	0	7
TRICLADIDA	0	1	0	7
NEMERTINEA	4	9	7	138
NEMATODA	1	1	2	28
OLIGOCHAETA				
BRANCHIURA	1	0	6	
NAIS	1	0	0	
SPIROSPERMA	9	9	2	
OTHER	46	62	60	
ALL OLIGOCHAETA				1350
POLYCHAETA				
MANAYUNKIA SPECIOSA	2	4	2	55
ALL POLYCHAETA				55
AMPHIPODA				
GAMMARUS	0	0	1	7
ALL AMPHIPODA				7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/83

TRANSECT 14 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TERRESTRIAL INSECT	2	0	0	14
DIPTERA				
CHIRONOMIDAE	8	7	3	124
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	0	2	0	
ALL TRICHOPTERA				14
ACARINA	0	0	2	14
GASTROPODA				
AMNICOLA	1	0	1	
ELIMIA LIVESCENS	8	10	11	
ALL GASTROPODA				213
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	10	8	10	
SPHAERIUM	3	1	1	
ALL SPHAERIIDAE				227
UNIONIDAE				
ELLIPTIO DILATATUS	0	1	0	
ALL PELECYPODA				234

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/18/83

DETROIT RIVER TRANSECT 15 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	8	26	81	792
ALL CNIDARIA				792
RHABDOCOELA	12	0	0	83
TRICLADIDA	24	48	47	820
NEMERTINEA	12	73	21	730
NEMATODA	15	8	4	186
OLIGOCHAETA				
SPIROSPERMA	49	19	28	
STYLARIA	1	0	0	
OTHER	14	1	19	
ALL OLIGOCHAETA				902
POLYCHAETA				
MANAYUNKIA SPECIOSA	23	17	11	351
ALL POLYCHAETA				351
OSTRACODA	0	0	1	7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/18/83

TRANSECT 15 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
AMPHIPODA				
GAMMARUS	14	22	35	
PONTOPOREIA HOYI	0	0	1	
ALL AMPHIPODA				496
DIPTERA				
CHIRONOMIDAE	287	256	575	7699
EPHEMEROPTERA				
CAENIDAE				
CAENIS	7	0	4	
EPHEMERIDAE				
HEXAGENIA	2	0	1	
EPHEMERELLIDAE				
EPHEMERELLA	0	4	0	
BAETISCIDAE				
BAETISCA	4	1	2	
ALL EPHEMEROPTERA				172
TRICHOPTERA				
BRACHYCENTRIDAE				
BRACHYCENTRUS	1	0	0	
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	110	106	95	
HYDROPSYCHE	88	85	69	
LEPTOCERIDAE				
CERACLEA	0	1	1	
OECETIS	1	3	2	
SETODES	0	2	0	
ALL TRICHOPTERA				3884
ACARINA	1	0	2	21

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/18/83

TRANSECT 15 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
GASTROPODA				
AMNICOLA	25	23	16	
BITHYNIA	1	0	0	
ELIMIA LIVESCENS	60	54	41	
GYRAULUS	4	4	1	
PHYSA	0	1	0	
ALL GASTROPODA				1584
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	69	54	36	
SPHAERIUM	4	16	1	
ALL SPHAERIIDAE				1240
UNIONIDAE				
LAMPSILIS VENTRICOSA	0	1	0	
OTHER	1	0	0	
ALL PELECYPODA				1253

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/18/83

DETROIT RIVER TRANSECT 15 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	0	14	16	207
ALL CNIDARIA				207
RHABDOCOELA	4	0	2	41
NEMERTINEA	4	9	5	124
NEMATODA	47	50	46	985
OLIGOCHAETA				
SPIROSPERMA	0	1	0	
OTHER	5	6	5	
ALL OLIGOCHAETA				117
POLYCHAETA				
MANAYUNKIA SPECIOSA	0	15	4	131
ALL POLYCHAETA				131
COPEPODA				
HARPACTICOIDA	0	0	1	7
ALL COPEPODA				7
OSTRACODA	0	0	4	28

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/18/83

TRANSECT 15 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
BAETISCIDAE				
BAETISCA	12	15	8	
AMETROPIDAE				
TRICHORYTHODES	1	0	0	
ALL EPHEMEROPTERA				248
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	173	290	381	
HYDROPSYCHE	3	18	9	
ALL TRICHOPTERA				6019
GASTROPODA				
AMNICOLA	2	1	0	
ELIMIA LIVESCENS	28	32	38	
ALL GASTROPODA				696
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	47	20	30	
SPHAERIUM	5	4	1	
ALL SPHAERIIDAE				737
UNIONIDAE	4	0	1	
ALL PELECYPODA				771

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/18/83

DETROIT RIVER TRANSECT 15 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	8	1	1	69
ALL CNIDARIA				69
NEMERTINEA	36	19	19	510
NEMATODA	49	36	52	943
OLIGOCHAETA				
SPIROSPERMA	5	4	6	
OTHER	19	13	41	
ALL OLIGOCHAETA				606
POLYCHAETA				
MANAYUNKIA SPECIOSA	6	18	60	578
ALL POLYCHAETA				578
DIPTERA				
CHIRONOMIDAE	1	4	4	62
EPHEMEROPTERA				
BAETISCIDAE				
BAETISCA	2	3	5	
ALL EPHEMEROPTERA				69
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	110	0	12	
HYDROPSYCHE	5	0	0	
ALL TRICHOPTERA				875

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/18/83

TRANSECT 15 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
GASTROPODA				
ELIMIA LIVESCENS	4	0	0	28
ALL GASTROPODA				28
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	14	18	20	358
UNIONIDAE	1	0	1	
ALL PELECYPODA				372

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/18/83

DETROIT RIVER TRANSECT 16 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	3	33	0	248
ALL CNIDARIA				248
RHABDOCOELA	96	6	67	1164
TRICLADIDA	0	1	47	331
NEMERTINEA	1	0	0	7
NEMATODA	94	9	35	950
HIRUDINEA				
ERPOBDELLIDAE	1	0	0	
GLOSSIPHONIIDAE				
GLOSSIPHONIA HETEROCLITA	2	0	2	
HELOBDELLA ELONGATA	2	0	0	
HELOBDELLA STAGNALIS	2	0	0	
HELOBDELLA TRISERIALIS	6	0	0	
PISCICOLIDAE				
PISCICOLA	0	1	0	
ALL HIRUDINEA				110

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/18/83

TRANSECT 16 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
OLIGOCHAETA				
NAIS	0	0	6	
SPIROSPERMA	2	23	1	
STYLARIA	133	13	168	
OTHER	296	161	174	
ALL OLIGOCHAETA				6728
POLYCHAETA				
MANAYUNKIA SPECIOSA	0	1	0	7
ALL POLYCHAETA				7
CLADOCERA				
DAPHNIA	0	3	0	
SIDA CRYSTALLINA	2	0	0	
ALL CLADOCERA				34
OSTRACODA	3	0	0	21
AMPHIPODA				
GAMMARUS	41	8	101	
HYALELLA AZTECA	99	1	91	
ALL AMPHIPODA				2348
ISOPODA				
ASELLUS	3	0	11	96
ALL ISOPODA				96
DIPTERA				
CERATOPOGONIDAE	7	1	4	
CHIRONOMIDAE	365	254	436	7265
ALL DIPTERA				7348

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/18/83

TRANSECT 16 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
CAENIDAE				
CAENIS	7	3	12	
EPHEMERIDAE				
HEXAGENIA	0	91	0	
ALL EPHEMEROPTERA				778
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	0	2	0	
LEPTOCERIDAE				
OECETIS	0	2	16	
ALL TRICHOPTERA				138
ACARINA	0	6	2	55
GASTROPODA				
AMNICOLA	12	34	19	
FERISSIA	0	0	1	
GYRAULUS	2	0	4	
PHYSA	22	3	5	
PLEUROCERA ACUTA	0	0	1	
VALVATA TRICARINATA	0	1	0	
ALL GASTROPODA				716
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	0	29	0	200
UNIONIDAE	0	1	0	
ALL PELECYPODA				207

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/18/83

DETROIT RIVER TRANSECT 16 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	8	1	162	1178
ALL CNIDARIA				1178
RHABDOCOELA	26	4	88	813
NEMERTINEA	15	0	42	393
TREMATODA	1	0	0	7
NEMATODA	125	47	19	1315
HIRUDINEA				
ERPOBDELLIDAE				
ERPOBDELLA PUNCTATA	0	0	4	
OTHER	0	0	1	
GLOSSIPHONIIDAE				
HELOBDELLA TRISERIALIS	2	0	0	
ALL HIRUDINEA				48
OLIGOCHAETA				
SPIROSPERMA	3	0	60	
STYLARIA	2	12	5	
OTHER	167	199	36	
ALL OLIGOCHAETA				3333

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/18/83

TRANSECT 16 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
POLYCHAETA				
MANAYUNKIA SPECIOSA	1	4	0	34
ALL POLYCHAETA				34
CLADOCERA				
ALONA	0	0	16	
BOSMINA	0	0	1	
DAPHNIA	0	1	11	
SIDA CRYSTALLINA	0	1	0	
ALL CLADOCERA				207
COPEPODA				
CYCLOPS BICUSPIDATUS	0	0	2	
DIAPTOMUS	0	0	2	
HARPACTICOIDA	32	37	1	
MACROCYCLOPS	1	0	0	
ALL COPEPODA				516
OSTRACODA	17	8	1	179
AMPHIPODA				
GAMMARUS	6	8	461	
HYALELLA AZTECA	13	6	11	
ALL AMPHIPODA				3478

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/18/83

TRANSECT 16 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
DIPTERA				
CERATOPOGONIDAE	1	5	0	
CHIRONOMIDAE	70	68	43	1246
EMPIDIDAE	1	0	0	
ALL DIPTERA				1295
EPHEMEROPTERA				
CAENIDAE				
CAENIS	7	8	0	
EPHEMERIDAE				
HEXAGENIA	11	1	3	
EPHEMERELLIDAE				
EPHEMERELLA	1	0	0	
ALL EPHEMEROPTERA				213
TRICHOPTERA				
HYDROPSYCHIDAE				
HYDROPSYCHE	0	0	3	
LEPTOCERIDAE				
MYSTACIDES	0	0	1	
POLYCENTROPODIDAE				
POLYCENTROPUS	2	0	0	
ALL TRICHOPTERA				41
ACARINA	6	0	0	41

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/18/83

TRANSECT 16 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
GASTROPODA				
AMNICOLA	16	4	222	
ELIMIA LIVESCENS	2	1	32	
GYRAULUS	25	5	64	
LYMNAEA	0	0	7	
PHYSA	8	0	26	
PLEUROCERA ACUTA	2	1	1	
VALVATA TRICARINATA	0	0	116	
ALL GASTROPODA				3664
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	10	0	71	558
ALL PELECYPODA				558

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/18/83

DETROIT RIVER TRANSECT 16 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	4	0	0	28
ALL CNIDARIA				28
RHABDOCOELA	0	0	1	7
NEMERTINEA	25	18	45	606
NEMATODA	7	16	26	337
OLIGOCHAETA				
SPIROSPERMA	1	0	3	
STYLARIA	0	1	0	
OTHER	203	93	329	
ALL OLIGOCHAETA				4339
POLYCHAETA				
MANAYUNKIA SPECIOSA	32	24	17	503
ALL POLYCHAETA				503
COPEPODA				
DIAPTOMUS	4	0	0	28
ALL COPEPODA				28
AMPHIPODA				
GAMMARUS	0	0	2	14
ALL AMPHIPODA				14

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/18/83

TRANSECT 16 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
DIPTERA				
CHIRONOMIDAE	11	24	40	516
EPHEMEROPTERA				
CAENIDAE				
CAENIS	0	0	8	
BAETIDAE				
BAETIS	1	0	2	
ALL EPHEMEROPTERA				76
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	1	0	11	
ALL TRICHOPTERA				83
ACARINA	0	0	9	62
GASTROPODA				
AMNICOLA	6	2	4	
ELIMIA LIVESCENS	1	0	1	
PLEUROCERA ACUTA	2	1	0	
ALL GASTROPODA				117
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	2	9	0	
SPHAERIUM	0	1	0	
ALL SPHAERIIDAE				83
ALL PELECYPODA				83

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/18/83

DETROIT RIVER TRANSECT 17 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	4	1	3	55
TRICLADIDA	4	2	4	69
NEMERTINEA	0	59	89	1019
NEMATODA	82	174	278	3677
HIRUDINEA				
ERPOBDELLIDAE	3	1	3	
GLOSSIPHONIIDAE				
HELOBDELLA ELONGATA	0	1	0	
HELOBDELLA STAGNALIS	1	0	0	
ALL HIRUDINEA				62
OLIGOCHAETA				
SPIROSPERMA	8	11	21	
STYLARIA	16	0	1	
OTHER	256	136	202	
ALL OLIGOCHAETA				4483
POLYCHAETA				
MANAYUNKIA SPECIOSA	0	0	8	55
ALL POLYCHAETA				55

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/18/83

TRANSECT 17 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
HARPACTICOIDA	192	161	87	3030
ALL COPEPODA				3030
AMPHIPODA				
GAMMARUS	1	3	6	
HYALELLA AZTECA	5	1	0	
ALL AMPHIPODA				110
ISOPODA				
ASELLUS	0	1	0	
LIRCEUS	4	8	5	
ALL ISOPODA				124
DIPTERA				
CERATOPOGONIDAE	1	0	8	
CHIRONOMIDAE	98	45	40	1260
ALL DIPTERA				1322
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	4	0	4	
ALL EPHEMEROPTERA				55
TRICHOPTERA				
POLYCENTROPODIDAE				
PHYLOCENTROPUS	3	0	1	
ALL TRICHOPTERA				28
ACARINA	4	1	0	34

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/18/83

TRANSECT 17 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
GASTROPODA				
AMNICOLA	7	9	23	
ELIMIA LIVESCENS	1	1	0	
FERISSIA	0	2	0	
GYRAULUS	0	0	3	
PHYSA	0	0	1	
PLEUROCERA ACUTA	0	2	1	
VALVATA TRICARINATA	1	0	0	
OTHER	1	0	0	
ALL GASTROPODA				358
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	18	9	23	344
UNIONIDAE	1	0	1	
ALL PELECYPODA				358

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/18/83

DETROIT RIVER TRANSECT 17 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	9	2	2	90
ALL CNIDARIA				90
TRICLADIDA	2	0	0	14
NEMERTINEA	39	48	49	937
NEMATODA	66	17	31	785
OLIGOCHAETA				
SPIROSPERMA	35	36	16	
STYLARIA	0	1	0	
OTHER	51	76	31	
ALL OLIGOCHAETA				1694
POLYCHAETA				
MANAYUNKIA SPECIOSA	830	1030	671	17430
ALL POLYCHAETA				17430
CLADOCERA				
DAPHNIA	8	0	1	62
ALL CLADOCERA				62
COPEPODA				
DIAPTOMUS	0	16	0	
HARPACTICOIDA	0	0	9	
ALL COPEPODA				172

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/18/83

TRANSECT 17 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
OSTRACODA	25	0	2	186
AMPHIPODA				
GAMMARUS	0	1	0	7
ALL AMPHIPODA				7
DIPTERA				
CHIRONOMIDAE	20	12	4	248
EPHEMEROPTERA				
BAETISCIDAE				
BAETISCA	7	5	13	
ALL EPHEMEROPTERA				172
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	8	90	26	
HYDROPSYCHE	0	3	0	
LEPTOCERIDAE				
CERACLEA	0	0	1	
ALL TRICHOPTERA				881
ACARINA	0	4	0	28
GASTROPODA				
AMNICOLA	25	8	28	
ELIMIA LIVESCENS	21	25	2	
HELISOMA	1	0	0	
PLEUROCERA ACUTA	1	3	1	
ALL GASTROPODA				792

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/18/83

TRANSECT 17 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	11	3	5	131
UNIONIDAE	2	0	1	
ALL PELECYPODA				152

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/18/83

DETROIT RIVER TRANSECT 17 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	1	3	4	55
ALL CNIDARIA				55
RHABDOCOELA	1	0	0	7
TRICLADIDA	0	0	1	7
NEMERTINEA	52	34	14	689
NEMATODA	28	66	4	675
OLIGOCHAETA				
SPIROSPERMA	36	16	25	
OTHER	69	57	49	
ALL OLIGOCHAETA				1735
POLYCHAETA				
MANAYUNKIA SPECIOSA	491	1033	574	14448
ALL POLYCHAETA				14448
COPEPODA				
EPISHURA LACUSTRIS	1	0	0	
HARPACTICOIDA	0	1	0	
ALL COPEPODA				14

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/18/83

TRANSECT 17 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
AMPHIPODA				
GAMMARUS	0	1	3	28
ALL AMPHIPODA				28
TERRESTRIAL INSECT	1	0	0	7
DIPTERA				
CHIRONOMIDAE	10	4	10	165
EPHEMEROPTERA				
BAETISCIDAE				
BAETISCA	0	3	7	
ALL EPHEMEROPTERA				69
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	12	8	87	
HYDROPSYCHE	0	0	8	
LEPTOCERIDAE				
CERACLEA	0	0	1	
POLYCENTROPODIDAE				
NEURECLIPSIS	0	0	3	
ALL TRICHOPTERA				820
ACARINA	0	0	2	14
GASTROPODA				
AMNICOLA	6	8	18	
GYRAULUS	0	1	0	
ALL GASTROPODA				227

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/18/83

TRANSECT 17 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	0	8	2	
SPHAERIUM	2	2	5	
ALL SPHAERIIDAE				131
UNIONIDAE				
TRUNCILLA DONACIFORMIS	0	1	0	
ALL PELECYPODA				138

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/19/83

DETROIT RIVER TRANSECT 18 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	42	39	23	716
TRICLADIDA	0	165	0	1136
NEMERTINEA	4	76	11	627
NEMATODA	71	17	11	682
OLIGOCHAETA				
NAIS	0	16	16	
SPIROSPERMA	337	69	44	
STYLARIA	62	190	10	
OTHER	1585	668	897	
ALL OLIGOCHAETA				26817
CLADOCERA				
ILYOCRYPTUS	0	1	8	62
ALL CLADOCERA				62
COPEPODA				
CYCLOPS BICUSPIDATUS	0	1	8	
DIAPTOMUS	0	16	0	
MACROCYCLOPS	1	0	1	
ALL COPEPODA				186

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/19/83

TRANSECT 18 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
AMPHIPODA				
GAMMARUS	3	0	0	
HYALELLA AZTECA	9	9	0	
PONTOPOREIA HOYI	0	1	0	
ALL AMPHIPODA				152
DIPTERA				
CHIRONOMIDAE	34	40	9	572
EPHEMEROPTERA				
HEPTAGENIIDAE				
STENONEMA	0	1	0	
ALL EPHEMEROPTERA				7
TRICHOPTERA				
HYDROPSYCHIDAE				
HYDROPSYCHE	1	1	0	
HYDROPTILIDAE				
HYDROPTILA	3	3	2	
POLYCENTROPODIDAE				
NEURECLIPSIS	1	0	0	
POLYCENTROPUS	1	3	0	
ALL TRICHOPTERA				103
ODONATA				
COENAGRIONIDAE	0	2	1	21
ACARINA	7	10	0	117

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/19/83

TRANSECT 18 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
GASTROPODA				
AMNICOLA	1	5	1	
FERISSIA	20	118	3	
GYRAULUS	1	5	0	
PHYSA	1	0	0	
VALVATA TRICARINATA	0	0	1	
ALL GASTROPODA				1074
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	30	15	23	468
ALL PELECYPODA				468

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/19/83

DETROIT RIVER TRANSECT 18 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
FISH				
ETHEOSTOMA NIGRUM	0	1	0	7
ALL FISH				7
RHABDOCOELA	326	31	31	2672
TRICLADIDA	0	0	65	448
NEMERTINEA	72	26	30	881
NEMATODA	17	18	76	764
HIRUDINEA				
GLOSSIPHONIIDAE				
BATRACOBDELLA PHALERA	0	0	1	
ALL HIRUDINEA				7
OLIGOCHAETA				
NAIS	17	9	64	
SPIROSPERMA	404	76	165	
STYLARIA	125	139	6	
OTHER	1320	873	1690	
ALL OLIGOCHAETA				33662
POLYCHAETA				
MANAYUNKIA SPECIOSA	0	0	32	220
ALL POLYCHAETA				220

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/19/83

TRANSECT 18 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CLADOCERA				
CAMPTOCERCUS	16	0	0	
EURYCERCUS LAMELLATUS	0	1	0	
ILYOCRYPTUS	16	0	0	
ALL CLADOCERA				227
COPEPODA				
CYCLOPS BICUSPIDATUS	0	8	0	
DIAPTOMUS	16	0	0	
ALL COPEPODA				165
AMPHIPODA				
GAMMARUS	15	1	0	
HYALELLA AZTECA	21	9	1	
ALL AMPHIPODA				324
DIPTERA				
CHIRONOMIDAE	3	7	7	117
CULICIDAE				
CHAOBORUS	0	1	0	
PSYCHODIDAE	0	0	1	
ALL DIPTERA				131
TRICHOPTERA				
HYDROPTILIDAE				
HYDROPTILA	0	0	2	
POLYCENTROPODIDAE				
POLYCENTROPUS	0	0	1	
ALL TRICHOPTERA				21
ODONATA				
COENAGRIONIDAE	0	2	0	14

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/19/83

TRANSECT 18 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
ACARINA	19	1	20	275
GASTROPODA				
AMNICOLA	1	3	15	
ELIMIA LIVESCENS	0	1	0	
FERISSIA	6	17	14	
GYRAULUS	3	1	0	
PHYSA	11	9	19	
ALL GASTROPODA				689
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	12	8	15	
SPHAERIUM	0	0	1	
ALL SPHAERIIDAE				248
ALL PELECYPODA				248

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/19/83

DETROIT RIVER TRANSECT 18 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	9	0	8	117
NEMERTINEA	9	0	38	324
OLIGOCHAETA				
SPIROSPERMA	36	18	12	
OTHER	408	223	215	
ALL OLIGOCHAETA				6281
POLYCHAETA				
MANAYUNKIA SPECIOSA	0	0	8	55
ALL POLYCHAETA				55
OSTRACODA	0	9	0	62
AMPHIPODA				
HYALELLA AZTECA	1	0	0	7
ALL AMPHIPODA				7
DIPTERA				
CHIRONOMIDAE	0	0	1	7
PSYCHODIDAE	1	0	0	
ALL DIPTERA				14
ACARINA	0	0	3	21

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/19/83

TRANSECT 18 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
GASTROPODA				
AMNICOLA	1	9	1	
CAMPELOMA	1	0	0	
FERISSIA	0	0	1	
VALVATA SINCERA	2	0	0	
ALL GASTROPODA				103
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	10	5	37	358
ALL PELECYPODA				358

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/19/83

DETROIT RIVER TRANSECT 19 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	0	1	0	7
ALL CNIDARIA				7
RHABDOCOELA	9	56	4	475
TRICLADIDA	0	0	17	117
NEMERTINEA	36	56	71	1123
NEMATODA	8	18	31	393
OLIGOCHAETA				
NAIS	0	0	10	
SPIROSPERMA	55	50	32	
STYLARIA	0	0	1	
OTHER	62	93	51	
ALL OLIGOCHAETA				2438
POLYCHAETA				
MANAYUNKIA SPECIOSA	112	56	80	1708
ALL POLYCHAETA				1708
COPEPODA				
EPISHURA LACUSTRIS	0	0	8	
HARPACTICOIDA	0	8	0	
ALL COPEPODA				110

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/19/83

TRANSECT 19 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
AMPHIPODA				
GAMMARUS	0	3	0	21
ALL AMPHIPODA				21
DIPTERA				
CERATOPOGONIDAE	3	0	0	
CHIRONOMIDAE	0	1	1	14
ALL DIPTERA				34
ACARINA	6	15	0	145
GASTROPODA				
AMNICOLA	1	3	5	
ELIMIA LIVESCENS	0	0	1	
FERISSIA	0	0	3	
PHYSA	0	0	1	
ALL GASTROPODA				96
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	65	45	19	888
ALL PELECYPODA				888

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/19/83

DETROIT RIVER TRANSECT 19 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	2	4	0	41
NEMERTINEA	72	49	65	1281
NEMATODA	8	8	4	138
OLIGOCHAETA				
SPIROSPERMA	0	7	19	
STYLARIA	0	4	0	
OTHER	289	198	149	
ALL OLIGOCHAETA				4587
POLYCHAETA				
MANAYUNKIA SPECIOSA	968	548	501	13890
ALL POLYCHAETA				13890
COPEPODA				
DIAPTOMUS	0	4	0	28
ALL COPEPODA				28
AMPHIPODA				
GAMMARUS	0	4	0	28
ALL AMPHIPODA				28
DIPTERA				
CHIRONOMIDAE	1	0	0	7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/19/83

TRANSECT 19 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TRICHOPTERA				
LEPTOCERIDAE				
OECETIS	0	0	1	
ALL TRICHOPTERA				7
ACARINA	1	1	1	21
GASTROPODA				
AMNICOLA	0	3	3	
ELIMIA LIVESCENS	19	9	8	
ALL GASTROPODA				289
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	1	22	8	213
ALL PELECYPODA				213

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/19/83

DETROIT RIVER TRANSECT 19 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	1	1	1	21
TRICLADIDA	0	1	0	7
NEMERTINEA	56	43	21	826
NEMATODA	2	2	1	34
OLIGOCHAETA				
NAIS	1	0	1	
SPIROSPERMA	1	3	11	
OTHER	2	6	5	
ALL OLIGOCHAETA				207
POLYCHAETA				
MANAYUNKIA SPECIOSA	2	3	3	55
ALL POLYCHAETA				55
AMPHIPODA				
GAMMARUS	1	0	0	7
ALL AMPHIPODA				7
TERRESTRIAL INSECT	0	1	0	7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/19/83

TRANSECT 19 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
GASTROPODA				
AMNICOLA	1	0	1	
ELIMIA LIVESCENS	1	3	0	
PHYSA	0	4	0	
ALL GASTROPODA				69
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	0	2	0	14
ALL PELECYPODA				14

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/19/83

DETROIT RIVER TRANSECT 20 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	13	1	0	96
ALL CNIDARIA				96
RHABDOCOELA	12	56	58	868
TRICLADIDA	126	52	76	1749
NEMERTINEA	38	107	42	1288
NEMATODA	10	40	34	578
OLIGOCHAETA				
NAIS	0	8	8	
SPIROSPERMA	33	59	119	
STYLARIA	145	42	108	
OTHER	42	115	141	
ALL OLIGOCHAETA				5647
POLYCHAETA				
MANAYUNKIA SPECIOSA	13	11	57	558
ALL POLYCHAETA				558
CLADOCERA				
ILYOCRYPTUS	0	1	0	
SIDA CRYSTALLINA	1	1	0	
ALL CLADOCERA				21

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/19/83

TRANSECT 20 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
HARPACTICOIDA	0	8	0	
MACROCYCLOPS	15	0	2	
ALL COPEPODA				172
AMPHIPODA				
GAMMARUS	41	0	17	
HYALELLA AZTECA	18	9	19	
ALL AMPHIPODA				716
DIPTERA				
CHIRONOMIDAE	62	85	27	1198
EPHEMEROPTERA				
CAENIDAE				
CAENIS	1	2	1	
AMETROPIDAE				
TRICHORYTHODES	1	0	0	
ALL EPHEMEROPTERA				34
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	0	2	0	
HYDROPSYCHE	0	1	0	
HYDROPTILIDAE				
HYDROPTILA	3	6	1	
POLYCENTROPODIDAE				
NEURECLIPSIS	0	2	0	
POLYCENTROPUS	7	1	3	
ALL TRICHOPTERA				179
ODONATA				
COENAGRIONIDAE	4	0	3	48

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/19/83

TRANSECT 20 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
ACARINA	9	3	4	110
GASTROPODA				
AMNICOLA	13	58	3	
ELIMIA LIVESCENS	2	2	0	
FERISSIA	7	1	2	
GYRAULUS	1	1	0	
PHYSA	4	1	4	
ALL GASTROPODA				682
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	43	50	41	923
ALL PELECYPODA				923

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/19/83

DETROIT RIVER TRANSECT 20 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	0	0	4	28
ALL CNIDARIA				28
RHABDOCOELA	1	0	1	14
TRICLADIDA	6	14	25	310
NEMERTINEA	74	34	54	1116
NEMATODA	92	14	31	943
OLIGOCHAETA				
SPIROSPERMA	31	2	16	
OTHER	39	10	10	
ALL OLIGOCHAETA				744
POLYCHAETA				
MANAYUNKIA SPECIOSA	9	0	2	76
ALL POLYCHAETA				76
COPEPODA				
DIAPTOMUS	1	0	0	7
ALL COPEPODA				7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/19/83

TRANSECT 20 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
AMPHIPODA				
GAMMARUS	5	0	0	
HYALELLA AZTECA	1	0	0	
ALL AMPHIPODA				41
DIPTERA				
CHIRONOMIDAE	1	0	0	7
TRICHOPTERA				
HYDROPSYCHIDAE				
HYDROPSYCHE	2	0	0	
ALL TRICHOPTERA				14
ACARINA	1	0	1	14
GASTROPODA				
AMNICOLA	18	7	10	
ELIMIA LIVESCENS	112	28	39	
ALL GASTROPODA				1474
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	2	0	0	14
ALL PELECYPODA				14

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/19/83

DETROIT RIVER TRANSECT 20 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	1	13	0	96
ALL CNIDARIA				96
RHABDOCOELA	0	4	1	34
TRICLADIDA	0	0	8	55
NEMERTINEA	5	0	22	186
NEMATODA	81	5	181	1839
OLIGOCHAETA				
SPIROSPERMA	1	0	0	
STYLARIA	0	0	8	
OTHER	2	0	1	
ALL OLIGOCHAETA				83
POLYCHAETA				
MANAYUNKIA SPECIOSA	9	0	0	62
ALL POLYCHAETA				62
COPEPODA				
LIMNOCALANUS	0	2	0	14
ALL COPEPODA				14

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/19/83

TRANSECT 20 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
BAETISCIDAE				
BAETISCA	1	0	2	
ALL EPHEMEROPTERA				21
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	11	4	27	
HYDROPSYCHE	2	0	5	
ALL TRICHOPTERA				337
GASTROPODA				
ELIMIA LIVESCENS	4	2	15	
PHYSA	0	0	1	
ALL GASTROPODA				152

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/19/83

DETROIT RIVER TRANSECT 21 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	12	72	47	902
TRICLADIDA	1	0	0	7
NEMERTINEA	43	115	31	1302
NEMATODA	155	106	112	2569
OLIGOCHAETA				
NAIS	0	40	0	
SPIROSPERMA	110	121	59	
STYLARIA	12	51	35	
OTHER	210	142	104	
ALL OLIGOCHAETA				6088
POLYCHAETA				
MANAYUNKIA SPECIOSA	308	866	256	9848
ALL POLYCHAETA				9848
CLADOCERA				
SIDA CRYSTALLINA	0	2	0	14
ALL CLADOCERA				14
COPEPODA				
MACROCYCLOPS	0	26	1	186
ALL COPEPODA				186

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/19/83

TRANSECT 21 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
AMPHIPODA				
GAMMARUS	1	2	1	
HYALELLA AZTECA	1	0	0	
ALL AMPHIPODA				34
TERRESTRIAL INSECT	0	0	1	7
DIPTERA				
CHIRONOMIDAE	11	25	34	482
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	0	1	0	
BAETISCIDAE				
BAETISCA	0	0	1	
ALL EPHEMEROPTERA				14
LEPIDOPTERA	1	0	0	7
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	13	0	2	
HYDROPSYCHE	10	1	28	
LEPTOCERIDAE				
OECETIS	0	8	0	
POLYCENTROPODIDAE				
NEURECLIPSIS	18	4	23	
POLYCENTROPUS	0	0	1	
ALL TRICHOPTERA				744

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/19/83

TRANSECT 21 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
ACARINA	0	3	9	83
GASTROPODA				
AMNICOLA	11	23	11	
CAMPELOMA	0	2	0	
ELIMIA LIVESCENS	0	1	1	
FERISSIA	0	0	4	
GYRAULUS	0	0	1	
PHYSA	0	3	11	
ALL GASTROPODA				468
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	47	42	18	737
UNIONIDAE				
LAMPSILIS RADIATA SILIQUOIDEA	0	0	1	
ALL PELECYPODA				744

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/19/83

DETROIT RIVER TRANSECT 21 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	11	5	16	220
TRICLADIDA	3	0	0	21
NEMERTINEA	68	99	29	1350
NEMATODA	16	0	0	110
OLIGOCHAETA				
SPIROSPERMA	14	0	6	
OTHER	118	91	49	
ALL OLIGOCHAETA				1914
POLYCHAETA				
MANAYUNKIA SPECIOSA	32	48	56	937
ALL POLYCHAETA				937
COPEPODA				
EURYTEMORA	16	0	0	
HARPACTICOIDA	16	0	0	
ALL COPEPODA				220
AMPHIPODA				
GAMMARUS	0	1	0	
HYALELLA AZTECA	1	0	0	
ALL AMPHIPODA				14

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/19/83

TRANSECT 21 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
DIPTERA				
CHIRONOMIDAE	0	1	0	7
CULICIDAE				
CHAOBORUS	0	1	0	
ALL DIPTERA				14
TRICHOPTERA				
POLYCENTROPODIDAE				
NEURECLIPSIS	1	0	0	
ALL TRICHOPTERA				7
ACARINA	1	0	1	14
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	26	8	8	289
ALL PELECYPODA				289

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/19/83

DETROIT RIVER TRANSECT 21 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	2	3	3	55
NEMERTINEA	35	74	72	1246
NEMATODA	0	17	0	117
OLIGOCHAETA				
SPIROSPERMA	7	7	4	
OTHER	42	24	49	
ALL OLIGOCHAETA				916
POLYCHAETA				
MANAYUNKIA SPECIOSA	65	96	113	1887
ALL POLYCHAETA				1887
COPEPODA				
DIAPTOMUS	0	16	0	110
ALL COPEPODA				110
DIPTERA				
CHIRONOMIDAE	0	0	3	21
GASTROPODA				
AMNICOLA	1	0	2	
FERISSIA	1	0	0	
ALL GASTROPODA				28

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/19/83

TRANSECT 21 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	4	13	32	337
ALL PELECYPODA				337

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 7/84

ST. CLAIR RIVER TRANSECT 1 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
NEMERTINEA	0	1	0	7
NEMATODA	0	1	0	7
COPEPODA				
CYCLOPS BICUSPIDATUS	1	1	0	
DIAPTOMUS	12	3	5	
LIMNOCALANUS	1	1	6	
ALL COPEPODA				207
TERRESTRIAL INSECT	1	0	0	7
DIPTERA				
CHIRONOMIDAE	2	1	1	28
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	1	0	0	7
ALL PELECYPODA				7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 7/84

ST. CLAIR RIVER TRANSECT 1 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
CYCLOPS BICUSPIDATUS	0	1	0	
DIAPTOMUS	4	7	2	
LIMNOCALANUS	3	0	2	
ALL COPEPODA				131
DIPTERA				
CHIRONOMIDAE	2	3	5	69
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	0	1	0	7
ALL PELECYPODA				7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 7/84

ST. CLAIR RIVER TRANSECT 1 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	0	0	1	7
ALL CNIDARIA				7
NEMERTINEA	0	0	1	7
NEMATODA	0	0	8	55
OLIGOCHAETA	0	0	2	14
COPEPODA				
DIAPTOMUS	4	2	2	
LIMNOCALANUS	0	2	1	
ALL COPEPODA				76
OSTRACODA	0	0	1	7
TERRESTRIAL INSECT	1	0	0	7
DIPTERA				
CHIRONOMIDAE	11	6	29	317

MACROZOOBENTHOS PONAR GRAB COUNT DATA .5/ 7/84

ST. CLAIR RIVER TRANSECT 2 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
FISH				
ICHTHYOMYZON FOSSOR	0	0	1	7
ALL FISH				7
PORIFERA				
SPONGILLA	0	0	+	+
ALL PORIFERA				0
CNIDARIA				
HYDRA	8	0	0	55
ALL CNIDARIA				55
RHABDOCOELA	17	3	15	241
NEMATODA	1	9	20	207
OLIGOCHAETA				
SPIROSPERMA	50	46	38	
OTHER	830	719	368	
ALL OLIGOCHAETA				14125
COPEPODA				
DIAPTOMUS	8	0	19	
HARPACTICOIDA	1	0	0	
ALL COPEPODA				193
OSTRACODA	2	1	2	34

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 7/84

TRANSECT 2 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
AMPHIPODA				
GAMMARUS	2	5	3	
HYALELLA AZTECA	0	1	0	
ALL AMPHIPODA				76
ISOPODA				
ASELLUS	0	0	1	7
ALL ISOPODA				7
TERRESTRIAL INSECT	1	1	5	48
DIPTERA				
CERATOPOGONIDAE	5	0	0	
CHIRONOMIDAE	100	252	49	2762
EMPIDIDAE	1	0	0	
PSYCHODIDAE	1	11	9	
ALL DIPTERA				2947
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	3	4	0	
ALL EPHEMEROPTERA				48
COLEOPTERA				
ELMIDAE				
DUBIRAPHIA	0	2	0	
ALL COLEOPTERA				14
LEPIDOPTERA	2	0	0	14

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 7/84

TRANSECT 2 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	1	2	1	
HYDROPSYCHE	1	1	0	
LEPTOCERIDAE				
MYSTACIDES	0	1	0	
OECETIS	0	1	0	
POLYCENTROPODIDAE				
NEURECLIPSIS	0	1	0	
ALL TRICHOPTERA				62
ACARINA	3	1	0	28
GASTROPODA				
AMNICOLA	96	65	37	
GYRAULUS	0	0	3	
PHYSA	2	1	4	
ALL GASTROPODA				1432
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	3	2	3	55
ALL PELECYPODA				55

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 7/84

ST. CLAIR RIVER TRANSECT 2 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	12	15	8	241
ALL CNIDARIA				241
RHABDOCOELA	1	4	1	41
TRICLADIDA	1	11	0	83
NEMERTINEA	5	5	0	69
NEMATODA	10	15	32	393
OLIGOCHAETA				
NAIS	0	4	3	
SPIROSPERMA	16	23	9	
OTHER	29	76	37	
ALL OLIGOCHAETA				1357
CLADOCERA				
DAPHNIA	0	0	1	
ILYOCRYPTUS	0	0	1	
ALL CLADOCERA				14

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 7/84

TRANSECT 2 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
CYCLOPS BICUSPIDATUS	4	2	0	
DIAPTOMUS	29	0	6	
HARPACTICOIDA	6	7	34	
LIMNOCALANUS	5	1	0	
ALL COPEPODA				647
DECAPODA				
ORCONECTES	1	0	0	7
ALL DECAPODA				7
AMPHIPODA				
GAMMARUS	8	10	5	
HYALELLA AZTECA	8	9	6	
ALL AMPHIPODA				317
TERRESTRIAL INSECT	0	1	1	14
DIPTERA				
CHIRONOMIDAE	184	222	167	3946
EMPIDIDAE	3	3	5	
PSYCHODIDAE	0	0	1	
ALL DIPTERA				4029

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 7/84

TRANSECT 2 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
CAENIDAE				
CAENIS	10	17	9	
EPHEMERIDAE				
HEXAGENIA	1	1	4	
EPHEMERELLIDAE				
EPHEMERELLA	0	3	0	
BAETISCIDAE				
BAETISCA	1	0	1	
ALL EPHEMEROPTERA				324
COLEOPTERA				
ELMIDAE				
DUBIRAPHIA	3	8	5	
ALL COLEOPTERA				110
TRICHOPTERA				
BRACHYCENTRIDAE				
BRACHYCENTRUS	2	5	1	
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	13	50	4	
HYDROPSYCHE	11	19	2	
HYDROPTILIDAE	1	0	0	
LEPTOCERIDAE				
OECETIS	0	0	1	
POLYCENTROPODIDAE				
NEURECLIPSIS	3	2	2	
ALL TRICHOPTERA				799
PLECOPTERA	1	0	0	7
ACARINA	9	11	17	255

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 7/84

TRANSECT 2 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
GASTROPODA				
AMNICOLA	60	44	74	
ELIMIA LIVESCENS	43	56	20	
FERISSIA	2	2	1	
LYMNAEA	0	0	1	
PHYSA	3	11	2	
ALL GASTROPODA				2197
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	9	7	2	124
ALL PELECYPODA				124

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 7/84

ST. CLAIR RIVER TRANSECT 2 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	8	37	5	344
ALL CNIDARIA				344
RHABDOCOELA	1	2	0	21
TRICLADIDA	1	1	0	14
NEMERTINEA	2	5	1	55
NEMATODA	13	12	9	234
OLIGOCHAETA				
SPIROSPERMA	4	15	11	
OTHER	96	76	53	
ALL OLIGOCHAETA				1756
POLYCHAETA				
MANAYUNKIA SPECIOSA	0	0	1	7
ALL POLYCHAETA				7
COPEPODA				
DIAPTOMUS	16	7	2	
HARPACTICOIDA	6	3	4	
LIMNOCALANUS	2	0	5	
ALL COPEPODA				310

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 7/84

TRANSECT 2 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
OSTRACODA	1	2	1	28
AMPHIPODA				
GAMMARUS	13	7	0	
HYALELLA AZTECA	17	15	11	
ALL AMPHIPODA				434
TERRESTRIAL INSECT	3	0	0	21
DIPTERA				
CHIRONOMIDAE	204	176	181	3863
EMPIDIDAE	4	11	6	
ALL DIPTERA				4008
EPHEMEROPTERA				
CAENIDAE				
CAENIS	10	18	10	
EPHEMERIDAE				
HEXAGENIA	0	5	1	
EPHEMERELLIDAE				
EPHEMERELLA	1	2	0	
HEPTAGENIIDAE				
STENONEMA	0	1	0	
ALL EPHEMEROPTERA				331
COLEOPTERA				
ELMIDAE				
DUBIRAPHIA	4	1	3	
ALL COLEOPTERA				55

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 7/84

TRANSECT 2 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TRICHOPTERA				
BRACHYCENTRIDAE				
BRACHYCENTRUS	0	0	1	
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	9	20	2	
HYDROPSYCHE	6	15	1	
RHYACOPHILIDAE				
PROTOPTILA	2	1	3	
ALL TRICHOPTERA				413
PLECOPTERA	0	1	0	7
ACARINA	6	27	7	275
GASTROPODA				
AMNICOLA	9	30	7	
ELIMIA LIVESCENS	40	86	32	
LYMNAEA	0	1	0	
PHYSA	0	1	1	
VALVATA TRICARINATA	1	1	0	
ALL GASTROPODA				1439
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	1	5	8	
SPHAERIUM	0	2	0	
ALL SPHAERIIDAE				110
ALL PELECYPODA				110

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 7/84

ST. CLAIR RIVER TRANSECT 3 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
FISH				
FISH EGGS	0	0	1	7
ALL FISH				7
CNIDARIA				
HYDRA	1	0	1	14
ALL CNIDARIA				14
COPEPODA				
CYCLOPS BICUSPIDATUS	4	0	4	
DIAPTOMUS	28	4	20	
ALL COPEPODA				413
AMPHIPODA				
GAMMARUS	0	0	1	7
ALL AMPHIPODA				7
DIPTERA				
CHIRONOMIDAE	15	10	14	269
EMPIDIDAE	0	1	0	
ALL DIPTERA				275
EPHEMEROPTERA				
CAENIDAE				
CAENIS	0	0	1	
ALL EPHEMEROPTERA				7
TRICHOPTERA				
LEPTOCERIDAE				
CERACLEA	1	0	0	
ALL TRICHOPTERA				7
ACARINA	1	0	0	7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 7/84

ST. CLAIR RIVER TRANSECT 3 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
FISH				
FISH EGGS	1	0	0	7
ALL FISH				7
CNIDARIA				
HYDRA	1	1	1	21
ALL CNIDARIA				21
COPEPODA				
CYCLOPS BICUSPIDATUS	1	1	1	
DIAPTOMUS	5	0	13	
LIMNOCALANUS	1	0	0	
ALL COPEPODA				152
TERRESTRIAL INSECT	1	0	0	7
DIPTERA				
CHIRONOMIDAE	32	13	21	455
EMPIDIDAE	5	1	0	
ALL DIPTERA				496
ACARINA	1	0	1	14
GASTROPODA				
ELIMIA LIVESCENS	0	2	1	21
ALL GASTROPODA				21
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	1	6	0	48
ALL PELECYPODA				48

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 7/84

ST. CLAIR RIVER TRANSECT 3 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
FISH				
FISH EGGS	1	1	1	21
ALL FISH				21
CNIDARIA				
HYDRA	0	0	2	14
ALL CNIDARIA				14
TRICLADIDA	0	1	3	28
NEMATODA	2	0	1	21
OLIGOCHAETA	0	1	29	207
COPEPODA				
DIAPTOMUS	30	4	4	
LIMNOCALANUS	1	0	1	
ALL COPEPODA				275
AMPHIPODA				
GAMMARUS	2	0	0	
HYALELLA AZTECA	1	0	0	
ALL AMPHIPODA				21
DIPTERA				
CHIRONOMIDAE	54	33	40	875
EMPIDIDAE	0	1	1	
ALL DIPTERA				888

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 7/84

TRANSECT 3 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
EPHEMERELLIDAE				
EPHEMERELLA	0	0	6	
BAETISCIDAE				
BAETISCA	2	0	0	
ALL EPHEMEROPTERA				55
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	0	0	1	
HYDROPSYCHE	1	1	71	
LEPTOCERIDAE				
MYSTACIDES	1	0	0	
RHYACOPHILIDAE				
PROTOPTILA	0	1	0	
ALL TRICHOPTERA				523
ACARINA	0	0	1	7
GASTROPODA				
ELIMIA LIVESCENS	31	12	16	
GYRAULUS	1	0	0	
ALL GASTROPODA				413

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 8/84

ST. CLAIR RIVER TRANSECT 4 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
FISH				
FISH EGGS	0	0	1	7
ALL FISH				7
CNIDARIA				
HYDRA	0	2	0	14
ALL CNIDARIA				14
TRICLADIDA	0	1	0	7
NEMATODA	33	58	69	1102
HIRUDINEA				
ERPOBDELLIDAE	0	3	0	21
OLIGOCHAETA				
SPIROSPERMA	34	49	30	
OTHER	23	50	27	
ALL OLIGOCHAETA				1467
COPEPODA				
DIAPTOMUS	2	4	3	
LIMNOCALANUS	2	1	3	
ALL COPEPODA				103
OSTRACODA	0	0	1	7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 8/84

TRANSECT 4 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
AMPHIPODA				
HYALELLA AZTECA	0	0	1	7
ALL AMPHIPODA				7
DIPTERA				
CHIRONOMIDAE	11	21	7	269
EPHEMEROPTERA				
CAENIDAE				
CAENIS	0	1	0	
EPHEMERIDAE				
HEXAGENIA	0	2	0	
ALL EPHEMEROPTERA				21
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	0	0	1	
ALL TRICHOPTERA				7
ACARINA	0	3	0	21
GASTROPODA				
AMNICOLA	39	50	27	
ELIMIA LIVESCENS	1	18	9	
PHYSA	0	0	2	
VALVATA SINCERA	1	0	0	
VALVATA TRICARINATA	48	55	25	
ALL GASTROPODA				1894
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	24	49	40	778
ALL PELECYPODA				778

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 8/84

ST. CLAIR RIVER TRANSECT 4 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	6	0	8	96
ALL CNIDARIA				96
RHABDOCOELA	12	8	8	193
TRICLADIDA	0	0	1	7
NEMATODA	24	49	125	1364
HIRUDINEA				
ERPOBDELLIDAE	0	0	1	
GLOSSIPHONIIDAE				
PLACOBDELLA PAPILLIFERA	1	0	0	
ALL HIRUDINEA				14
OLIGOCHAETA				
NAIS	5	1	2	
SPIROSPERMA	10	6	13	
OTHER	237	288	233	
ALL OLIGOCHAETA				5475
COPEPODA				
DIAPTOMUS	3	0	0	
HARPACTICOIDA	3	0	16	
LIMNOCALANUS	0	0	1	
ALL COPEPODA				158

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 8/84

TRANSECT 4 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
OSTRACODA	1	0	0	7
AMPHIPODA				
GAMMARUS	4	2	4	
HYALELLA AZTECA	14	2	11	
PONTOPOREIA HOYI	19	0	0	
ALL AMPHIPODA				386
TERRESTRIAL INSECT	3	0	0	21
DIPTERA				
CERATOPOGONIDAE	0	0	1	
CHIRONOMIDAE	118	22	152	2011
EMPIDIDAE	0	0	1	
ALL DIPTERA				2025
EPHEMEROPTERA				
CAENIDAE				
CAENIS	1	0	1	
EPHEMERIDAE				
HEXAGENIA	1	0	20	
EPHEMERELLIDAE				
EPHEMERELLA	3	0	1	
HEPTAGENIIDAE				
STENONEMA	1	0	0	
ALL EPHEMEROPTERA				193

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 8/84

TRANSECT 4 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
LEPIDOPTERA	0	3	0	21
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	1	0	2	
HYDROPSYCHE	5	1	3	
LEPTOCERIDAE				
MYSTACIDES	1	0	0	
OECETIS	0	0	1	
TRIAENODES	1	0	2	
ALL TRICHOPTERA				117
ACARINA	9	1	16	179
GASTROPODA				
AMNICOLA	34	12	26	
ELIMIA LIVESCENS	0	1	0	
PHYSA	3	0	7	
VALVATA SINCERA	1	0	3	
VALVATA TRICARINATA	32	10	23	
ALL GASTROPODA				1047
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	32	6	20	399
ALL PELECYPODA				399

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 8/84

ST. CLAIR RIVER TRANSECT 4 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
FISH				
UNIDENTIFIED FISH REMAINS	0	0	1	7
ALL FISH				7
CNIDARIA				
HYDRA	1	3	7	76
ALL CNIDARIA				76
RHABDOCOELA	0	0	1	7
TRICLADIDA	0	0	1	7
NEMATODA	41	7	24	496
OLIGOCHAETA				
NAIS	1	0	3	
SPIROSPERMA	1	6	11	
OTHER	83	70	198	
ALL OLIGOCHAETA				2569
COPEPODA				
CYCLOPS BICUSPIDATUS	2	0	1	
DIAPTOMUS	6	3	0	
HARPACTICOIDA	0	0	1	
LIMNOCALANUS	0	1	0	
ALL COPEPODA				96

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 8/84

TRANSECT 4 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
AMPHIPODA				
GAMMARUS	2	0	16	
HYALELLA AZTECA	1	0	36	
PONTOPOREIA HOYI	0	1	0	
ALL AMPHIPODA				386
ISOPODA				
ASELLUS	1	0	0	7
ALL ISOPODA				7
TERRESTRIAL INSECT	0	0	5	34
DIPTERA				
CERATOPOGONIDAE	0	1	1	
CHIRONOMIDAE	66	23	181	1859
ALL DIPTERA				1873
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	0	0	1	
EPHEMERELLIDAE				
EPHEMERELLA	0	0	2	
ALL EPHEMEROPTERA				21
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	1	1	3	
HYDROPSYCHE	0	1	17	
LEPTOCERIDAE				
MYSTACIDES	0	0	1	
OECETIS	0	0	1	
ALL TRICHOPTERA				172

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 8/84

TRANSECT 4 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PLECOPTERA	0	0	1	7
ACARINA	1	0	2	21
GASTROPODA				
AMNICOLA	7	1	21	
CAMPELOMA	1	0	0	
ELIMIA LIVESCENS	6	2	12	
GYRAULUS	1	1	1	
PHYSA	0	0	7	
VALVATA TRICARINATA	0	0	4	
ALL GASTROPODA				441
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	10	2	5	117
ALL PELECYPODA				117

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 8/84

ST. CLAIR RIVER TRANSECT 5 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
FISH				
FISH EGGS	0	0	1	7
ALL FISH				7
CNIDARIA				
HYDRA	2	0	2	28
ALL CNIDARIA				28
NEMATODA	51	116	17	1267
OLIGOCHAETA				
NAIS	1	0	0	
SPIROSPERMA	21	22	14	
OTHER	26	12	23	
ALL OLIGOCHAETA				820
COPEPODA				
CYCLOPS BICUSPIDATUS	2	8	0	
DIAPTOMUS	5	8	3	
HARPACTICOIDA	1	0	1	
ALL COPEPODA				193
AMPHIPODA				
GAMMARUS	35	6	34	516
ALL AMPHIPODA				516
TERRESTRIAL INSECT	0	2	1	21

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 8/84

TRANSECT 5 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
DIPTERA				
CHIRONOMIDAE	152	101	77	2273
EMPIDIDAE	2	1	0	
ALL DIPTERA				2293
EPHEMEROPTERA				
CAENIDAE				
CAENIS	1	0	0	
EPHEMERIDAE				
HEXAGENIA	2	4	1	
ALL EPHEMEROPTERA				55
TRICHOPTERA				
BRACHYCENTRIDAE				
BRACHYCENTRUS	7	0	2	
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	1	0	0	
HYDROPSYCHE	2	0	1	
LEPTOCERIDAE				
OECETIS	1	3	0	
SETODES	0	1	0	
TRIAENODES	4	0	0	
ALL TRICHOPTERA				152
ODONATA				
GOMPHIDAE				
GOMPHUS	0	0	1	7
ALL ODONATA				7
ACARINA	4	1	0	34

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 8/84

TRANSECT 5 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
GASTROPODA				
AMNICOLA	12	10	10	
ELIMIA LIVESCENS	57	48	31	
PHYSA	2	0	1	
VALVATA TRICARINATA	42	25	40	
ALL GASTROPODA				1914
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	51	36	22	751
ALL PELECYPODA				751

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 8/84

ST. CLAIR RIVER TRANSECT 5 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	2	0	1	21
ALL CNIDARIA				21
NEMATODA	62	1	8	489
OLIGOCHAETA				
NAIS	0	0	1	
SPIROSPERMA	6	5	6	
OTHER	43	15	16	
ALL OLIGOCHAETA				634
CLADOCERA				
DAPHNIA	1	0	0	7
ALL CLADOCERA				7
COPEPODA				
CYCLOPS BICUSPIDATUS	0	5	2	
DIAPTOMUS	14	20	5	
HARPACTICOIDA	2	0	0	
LIMNOCALANUS	0	1	0	
ALL COPEPODA				337
AMPHIPODA				
GAMMARUS	4	0	0	28
ALL AMPHIPODA				28
DIPTERA				
CHIRONOMIDAE	52	44	70	1143

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 8/84

TRANSECT 5 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TRICHOPTERA				
HYDROPSYCHIDAE				
HYDROPSYCHE	1	0	0	
ALL TRICHOPTERA				7
ACARINA	0	2	0	14
GASTROPODA				
AMNICOLA	8	24	30	
ELIMIA LIVESCENS	7	46	36	
PLEUROCERA ACUTA	1	2	3	
VALVATA TRICARINATA	8	16	18	
ALL GASTROPODA				1370
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	29	15	8	358
ALL PELECYPODA				358

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 8/84

ST. CLAIR RIVER TRANSECT 5 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
FISH				
FISH EGGS	0	2	1	21
ALL FISH				21
CNIDARIA				
HYDRA	1	0	1	14
ALL CNIDARIA				14
OLIGOCHAETA	0	1	3	28
COPEPODA				
CYCLOPS BICUSPIDATUS	1	0	1	
DIAPTOMUS	6	3	4	
LIMNOCALANUS	5	0	1	
ALL COPEPODA				145
DIPTERA				
CERATOPOGONIDAE	0	0	1	
CHIRONOMIDAE	5	8	13	179
ALL DIPTERA				186
EPHEMEROPTERA				
HEPTAGENIIDAE				
STENONEMA	1	1	0	
ALL EPHEMEROPTERA				14
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	1	0	0	
HYDROPSYCHE	1	0	0	
ALL TRICHOPTERA				14

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 8/84

TRANSECT 5 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
ACARINA	0	0	1	7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 8/84

ST. CLAIR RIVER TRANSECT 6 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PORIFERA				
SPONGILLA	+	+	+	+
ALL PORIFERA				0
CNIDARIA				
HYDRA	0	6	0	41
ALL CNIDARIA				41
RHABDOCOELA	0	2	0	14
TRICLADIDA	0	3	2	34
NEMATODA	9	19	12	275
HIRUDINEA				
GLOSSIPHONIIDAE				
HELOBDELLA ELONGATA	0	1	1	
HELOBDELLA STAGNALIS	1	0	1	
ALL HIRUDINEA				28
OLIGOCHAETA				
SPIROSPERMA	4	5	0	
OTHER	36	29	41	
ALL OLIGOCHAETA				792

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 8/84

TRANSECT 6 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
CYCLOPS BICUSPIDATUS	0	1	1	
DIAPTOMUS	7	5	5	
HARPACTICOIDA	0	1	3	
LIMNOCALANUS	3	1	0	
MACROCYCLOPS	0	1	1	
ALL COPEPODA				200
AMPHIPODA				
GAMMARUS	80	193	84	
HYALELLA AZTECA	13	25	9	
ALL AMPHIPODA				2782
ISOPODA				
ASELLUS	12	50	11	503
ALL ISOPODA				503
DIPTERA				
CERATOPOGONIDAE	5	6	1	
CHIRONOMIDAE	286	570	318	8085
EMPIDIDAE	0	1	0	
ALL DIPTERA				8174
EPHEMEROPTERA				
CAENIDAE				
CAENIS	13	19	7	
EPHEMERIDAE				
HEXAGENIA	10	14	12	
EPHEMERELLIDAE				
EPHEMERELLA	0	1	0	
ALL EPHEMEROPTERA				523

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 8/84

TRANSECT 6 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TRICHOPTERA				
BRACHYCENTRIDAE				
BRACHYCENTRUS	1	1	0	
HYDROPTILIDAE				
ORTHOTRICHIA	0	0	1	
LEPTOCERIDAE				
CERACLEA	0	2	2	
OECETIS	30	28	31	
SETODES	0	0	3	
POLYCENTROPODIDAE				
POLYCENTROPUS	0	4	3	
ALL TRICHOPTERA				730
ACARINA	2	1	1	28
GASTROPODA				
AMNICOLA	80	78	64	
ELIMIA LIVESCENS	18	34	10	
GYRAULUS	30	12	15	
LYMNAEA	0	1	0	
PHYSA	12	12	3	
ALL GASTROPODA				2541
PELECYPODA				
SPHAERIIDAE				
SPHAERIUM	2	4	1	48
UNIONIDAE	0	0	1	
ALL PELECYPODA				55

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 8/84

ST. CLAIR RIVER TRANSECT 6 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	0	0	1	7
ALL CNIDARIA				7
NEMATODA	25	20	35	551
OLIGOCHAETA				
SPIROSPERMA	0	1	4	
OTHER	11	44	13	
ALL OLIGOCHAETA				503
CLADOCERA				
DAPHNIA	1	0	0	7
ALL CLADOCERA				7
COPEPODA				
CYCLOPS BICUSPIDATUS	0	1	1	
DIAPTOMUS	5	4	2	
HARPACTICOIDA	0	1	0	
LIMNOCALANUS	1	0	0	
ALL COPEPODA				103
AMPHIPODA				
GAMMARUS	2	0	3	34
ALL AMPHIPODA				34
DIPTERA				
CERATOPOGONIDAE	1	0	0	
CHIRONOMIDAE	38	40	33	764
ALL DIPTERA				771

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 8/84

TRANSECT 6 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
CAENIDAE				
CAENIS	0	1	0	
EPHEMERIDAE				
HEXAGENIA	0	0	1	
ALL EPHEMEROPTERA				14
GASTROPODA				
AMNICOLA	10	2	0	
GYRAULUS	3	0	0	
VALVATA TRICARINATA	1	1	0	
ALL GASTROPODA				117
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	2	0	0	14
ALL PELECYPODA				14

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 8/84

ST. CLAIR RIVER TRANSECT 6 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
NEMATODA	7	10	8	172
OLIGOCHAETA	19	9	1	200
CLADOCERA				
DAPHNIA	0	1	0	7
ALL CLADOCERA				7
COPEPODA				
CYCLOPS BICUSPIDATUS	1	0	2	
DIAPTOMUS	5	4	10	
HARPACTICOIDA	1	1	0	
LIMNOCALANUS	1	1	0	
ALL COPEPODA				179
AMPHIPODA				
GAMMARUS	0	3	0	21
ALL AMPHIPODA				21
TERRESTRIAL INSECT	0	1	0	7
DIPTERA				
CHIRONOMIDAE	23	25	1	337
EMPIDIDAE	0	1	0	
ALL DIPTERA				344

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 8/84

TRANSECT 6 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
CAENIDAE				
CAENIS	0	0	1	
EPHEMERIDAE				
HEXAGENIA	0	0	1	
ALL EPHEMEROPTERA				14
GASTROPODA				
AMNICOLA	4	2	0	
PHYSA	1	0	0	
ALL GASTROPODA				48

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 8/84

ST. CLAIR RIVER TRANSECT 7 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	4	1	3	55
TRICLADIDA	2	3	0	34
NEMERTINEA	0	1	0	7
NEMATODA	22	20	12	372
BRYOZOA	+	0	0	+
OLIGOCHAETA				
SPIROSPERMA	48	32	8	
OTHER	220	151	185	
ALL OLIGOCHAETA				4435
POLYCHAETA				
MANAYUNKIA SPECIOSA	0	2	0	14
ALL POLYCHAETA				14

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 8/84

TRANSECT 7 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
CYCLOPS BICUSPIDATUS	1	0	0	
DIAPTOMUS	13	18	1	
HARPACTICOIDA	2	0	8	
LIMNOCALANUS	0	2	0	
UNIDENTIFIED NAUPLII	0	0	1	
ALL COPEPODA				317
OSTRACODA	0	1	0	7
AMPHIPODA				
GAMMARUS	58	29	9	
HYALELLA AZTECA	1	1	2	
ALL AMPHIPODA				689
TERRESTRIAL INSECT	7	6	8	145
DIPTERA				
CERATOPOGONIDAE	0	1	0	
CHIRONOMIDAE	280	180	171	4345
EMPIDIDAE	1	0	0	
ALL DIPTERA				4359

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 8/84

TRANSECT 7 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
CAENIDAE				
CAENIS	13	1	1	
EPHEMERIDAE				
HEXAGENIA	8	6	4	
ALL EPHEMEROPTERA				227
TRICHOPTERA				
LEPTOCERIDAE				
OECETIS	1	2	0	
TRIAENODES	1	0	1	
ALL TRICHOPTERA				34
ACARINA	1	1	1	21
GASTROPODA				
AMNICOLA	32	32	31	
ELIMIA LIVESCENS	7	10	0	
PHYSA	3	2	0	
ALL GASTROPODA				806
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	13	8	2	
SPHAERIUM	1	1	2	
ALL SPHAERIIDAE				186
ALL PELECYPODA				186

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 8/84

ST. CLAIR RIVER TRANSECT 7 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PORIFERA				
SPONGILLA	0	0	+	+
ALL PORIFERA				0
NEMATODA	23	32	34	613
OLIGOCHAETA				
NAIS	1	0	0	
SPIROSPERMA	8	9	20	
OTHER	1	39	7	
ALL OLIGOCHAETA				585
COPEPODA				
DIAPTOMUS	6	1	47	
LIMNOCALANUS	3	1	2	
ALL COPEPODA				413
AMPHIPODA				
GAMMARUS	0	2	3	34
ALL AMPHIPODA				34
TERRESTRIAL INSECT	4	0	0	28
DIPTERA				
CHIRONOMIDAE	3	24	15	289

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 8/84

TRANSECT 7 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	0	5	4	
BAETISCIDAE				
BAETISCA	0	12	0	
ALL EPHEMEROPTERA				145
TRICHOPTERA				
BRACHYCENTRIDAE				
BRACHYCENTRUS	0	3	0	
LEPTOCERIDAE				
CERACLEA	0	2	0	
OECETIS	0	1	1	
ALL TRICHOPTERA				48
ACARINA	0	1	0	7
GASTROPODA				
AMNICOLA	1	5	10	
ELIMIA LIVESCENS	2	21	13	
GYRAULUS	0	0	1	
PHYSA	0	3	0	
ALL GASTROPODA				386
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	3	4	39	
SPHAERIUM	1	5	2	
ALL SPHAERIIDAE				372
ALL PELECYPODA				372

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 8/84

ST. CLAIR RIVER TRANSECT 7 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
NEMATODA	85	67	61	1467
OLIGOCHAETA				
SPIROSPERMA	19	11	33	
OTHER	27	21	18	
ALL OLIGOCHAETA				888
COPEPODA				
CYCLOPS BICUSPIDATUS	1	0	0	
DIAPTOMUS	6	32	34	
LIMNOCALANUS	2	32	0	
ALL COPEPODA				737
AMPHIPODA				
GAMMARUS	5	5	1	76
ALL AMPHIPODA				76
TERRESTRIAL INSECT	3	0	2	34
DIPTERA				
CERATOPOGONIDAE	0	0	1	
CHIRONOMIDAE	12	24	22	399
EMPIDIDAE	0	0	1	
ALL DIPTERA				413

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 8/84

TRANSECT 7 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
CAENIDAE				
CAENIS	1	1	0	
EPHEMERIDAE				
HEXAGENIA	0	1	3	
EPHEMERELLIDAE				
EPHEMERELLA	0	0	1	
ALL EPHEMEROPTERA				48
LEPIDOPTERA	0	1	0	7
TRICHOPTERA				
BRACHYCENTRIDAE				
BRACHYCENTRUS	4	3	16	
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	0	0	2	
LEPTOCERIDAE				
CERACLEA	0	1	0	
OECETIS	1	1	0	
TRIAENODES	1	1	0	
ALL TRICHOPTERA				207
ACARINA	0	1	0	7
GASTROPODA				
AMNICOLA	5	5	12	
ELIMIA LIVESCENS	16	38	55	
PHYSA	0	1	0	
ALL GASTROPODA				909

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 8/84

TRANSECT 7 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	6	16	12	
SPHAERIUM	9	12	13	
ALL SPHAERIIDAE				468
UNIONIDAE				
LAMPSILIS	0	1	0	
ALL PELECYPODA				475

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 8/84

ST. CLAIR RIVER TRANSECT 8 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	0	5	1	41
TRICLADIDA	0	1	0	7
NEMATODA	32	70	9	764
OLIGOCHAETA				
NAIS	1	0	0	
SPIROSPERMA	23	34	11	
OTHER	45	103	32	
ALL OLIGOCHAETA				1715
POLYCHAETA				
MANAYUNKIA SPECIOSA	8	157	33	1364
ALL POLYCHAETA				1364
COPEPODA				
DIAPTOMUS	1	2	7	
HARPACTICOIDA	0	17	1	
LIMNOCALANUS	0	0	8	
PARACYCLOPS	0	8	3	
ALL COPEPODA				324
AMPHIPODA				
GAMMARUS	8	5	4	
HYALELLA AZTECA	2	5	4	
ALL AMPHIPODA				193

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 8/84

TRANSECT 8 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
ISOPODA				
ASELLUS	2	1	0	21
ALL ISOPODA				21
TERRESTRIAL INSECT	1	0	1	14
DIPTERA				
CERATOPOGONIDAE	0	2	0	
CHIRONOMIDAE	35	55	27	806
ALL DIPTERA				820
EPHEMEROPTERA				
CAENIDAE				
CAENIS	39	18	25	
EPHEMERIDAE				
HEXAGENIA	6	1	2	
ALL EPHEMEROPTERA				627
TRICHOPTERA				
POLYCENTROPODIDAE				
POLYCENTROPUS	0	2	0	
ALL TRICHOPTERA				14
ACARINA	0	2	0	14
GASTROPODA				
AMNICOLA	3	0	0	
ELIMIA LIVESCENS	1	3	2	
GYRAULUS	0	0	1	
PHYSA	1	0	0	
ALL GASTROPODA				76

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 8/84

TRANSECT 8 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	1	1	0	
SPHAERIUM	2	2	0	
ALL SPHAERIIDAE				41
ALL PELECYPODA				41

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 8/84

ST. CLAIR RIVER TRANSECT 8 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	9	3	4	110
NEMATODA	27	29	41	668
OLIGOCHAETA				
SPIROSPERMA	9	11	14	
OTHER	39	71	100	
ALL OLIGOCHAETA				1680
POLYCHAETA				
MANAYUNKIA SPECIOSA	14	2	8	165
ALL POLYCHAETA				165
COPEPODA				
CYCLOPS BICUSPIDATUS	2	1	0	
DIAPTOMUS	14	3	8	
HARPACTICOIDA	1	0	0	
LIMNOCALANUS	2	0	0	
ALL COPEPODA				213
OSTRACODA	0	0	9	62
AMPHIPODA				
GAMMARUS	4	2	5	
HYALELLA AZTECA	2	0	2	
ALL AMPHIPODA				103

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 8/84

TRANSECT 8 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
DIPTERA				
CHIRONOMIDAE	52	12	54	813
EPHEMEROPTERA				
CAENIDAE				
CAENIS	2	0	2	
EPHEMERIDAE				
HEXAGENIA	1	0	1	
ALL EPHEMEROPTERA				41
TRICHOPTERA				
LEPTOCERIDAE				
OECETIS	2	0	0	
ALL TRICHOPTERA				14
ACARINA	1	0	0	7
GASTROPODA				
AMNICOLA	14	2	12	
ELIMIA LIVESCENS	0	0	1	
GYRAULUS	4	1	1	
PHYSA	2	0	2	
VALVATA TRICARINATA	0	0	1	
ALL GASTROPODA				275
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	9	3	12	165
ALL PELECYPODA				165

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 8/84

ST. CLAIR RIVER TRANSECT 8 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	0	16	0	110
ALL CNIDARIA				110
RHABDOCOELA	21	26	53	689
NEMATODA	74	19	51	992
OLIGOCHAETA				
SPIROSPERMA	42	113	166	
OTHER	846	848	620	
ALL OLIGOCHAETA				18146
CLADOCERA				
DAPHNIA	0	1	0	
ILYOCRYPTUS	0	2	0	
ALL CLADOCERA				21
COPEPODA				
DIAPTOMUS	0	0	1	
HARPACTICOIDA	0	17	0	
ALL COPEPODA				124
AMPHIPODA				
GAMMARUS	15	19	3	
HYALELLA AZTECA	1	1	0	
PONTOPOREIA HOYI	0	1	0	
ALL AMPHIPODA				275

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 8/84

TRANSECT 8 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
ISOPODA				
ASELLUS	4	14	0	
LIRCEUS	0	2	0	
ALL ISOPODA				138
DIPTERA				
CERATOPOGONIDAE	0	3	1	
CHIRONOMIDAE	205	228	106	3712
ALL DIPTERA				3739
EPHEMEROPTERA				
CAENIDAE				
CAENIS	15	16	1	
EPHEMERIDAE				
HEXAGENIA	19	3	11	
ALL EPHEMEROPTERA				448
LEPIDOPTERA	1	0	0	7
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	2	1	0	
LEPTOCERIDAE				
OECETIS	0	1	0	
TRIAENODES	1	1	0	
POLYCENTROPODIDAE				
NEURECLIPSIS	1	0	0	
POLYCENTROPUS	2	1	0	
ALL TRICHOPTERA				69
ODONATA				
GOMPHIDAE				
GOMPHUS	0	1	0	7
ALL ODONATA				7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 8/84

TRANSECT 8 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
ACARINA	0	4	0	28
GASTROPODA				
AMNICOLA	10	37	37	
PHYSA	2	1	0	
VALVATA SINCERA	0	1	0	
ALL GASTROPODA				606
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	1	5	3	62
ALL PELECYPODA				62

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/15/84

ST. CLAIR RIVER TRANSECT 9 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	0	17	17	234
ALL CNIDARIA				234
RHABDOCOELA	9	9	5	158
TRICLADIDA	1	0	1	14
NEMERTINEA	8	1	0	62
NEMATODA	26	58	80	1129
OLIGOCHAETA				
SPIROSPERMA	20	65	9	
OTHER	242	211	92	
ALL OLIGOCHAETA				4401
POLYCHAETA				
MANAYUNKIA SPECIOSA	159	318	363	5785
ALL POLYCHAETA				5785
COPEPODA				
LIMNOCALANUS	0	2	0	14
ALL COPEPODA				14

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/15/84

TRANSECT 9 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
AMPHIPODA				
GAMMARUS	58	94	38	
HYALELLA AZTECA	24	31	20	
ALL AMPHIPODA				1825
ISOPODA				
ASELLUS	5	4	1	
LIRCEUS	9	23	16	
ALL ISOPODA				399
TERRESTRIAL INSECT	1	0	2	21
DIPTERA				
CERATOPOGONIDAE	29	21	74	
CHIRONOMIDAE	101	121	139	2486
ALL DIPTERA				3340
EPHEMEROPTERA				
CAENIDAE				
CAENIS	34	26	67	
EPHEMERIDAE				
HEXAGENIA	1	0	2	
EPHEMERELLIDAE				
EPHEMERELLA	0	0	1	
ALL EPHEMEROPTERA				902

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/15/84

TRANSECT 9 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TRICHOPTERA				
LEPTOCERIDAE				
MYSTACIDES	0	8	1	
OECETIS	4	5	3	
SETODES	1	4	0	
POLYCENTROPODIDAE				
POLYCENTROPUS	1	0	0	
ALL TRICHOPTERA				186
ACARINA	3	1	1	34
GASTROPODA				
AMNICOLA	0	2	0	
GYRAULUS	1	3	0	
PHYSA	1	3	1	
ALL GASTROPODA				76
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	13	9	1	
SPHAERIUM	1	1	3	
ALL SPHAERIIDAE				193
ALL PELECYPODA				193

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/15/84

ST. CLAIR RIVER TRANSECT 9 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	0	0	1	7
ALL CNIDARIA				7
NEMATODA	12	20	37	475
OLIGOCHAETA				
NAIS	0	0	1	
SPIROSPERMA	3	4	6	
OTHER	27	23	50	
ALL OLIGOCHAETA				785
POLYCHAETA				
MANAYUNKIA SPECIOSA	0	2	5	48
ALL POLYCHAETA				48
CLADOCERA				
DAPHNIA	1	0	0	7
ALL CLADOCERA				7
COPEPODA				
CYCLOPS BICUSPIDATUS	0	2	0	
DIAPTOMUS	15	23	2	
LIMNOCALANUS	2	12	1	
ALL COPEPODA				393
AMPHIPODA				
GAMMARUS	1	6	8	
HYALELLA AZTECA	0	1	1	
ALL AMPHIPODA				117

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/15/84

TRANSECT 9 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
DIPTERA				
CHIRONOMIDAE	6	7	14	186
EPHEMEROPTERA				
CAENIDAE				
CAENIS	0	2	1	
ALL EPHEMEROPTERA				21
ACARINA	0	2	1	21
GASTROPODA				
AMNICOLA	2	0	2	28
ALL GASTROPODA				28
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	20	6	4	207
ALL PELECYPODA				207

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/15/84

ST. CLAIR RIVER TRANSECT 9 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	2	0	0	14
NEMATODA	6	29	8	296
OLIGOCHAETA				
SPIROSPERMA	1	3	10	
OTHER	11	11	2	
ALL OLIGOCHAETA				262
POLYCHAETA				
MANAYUNKIA SPECIOSA	0	1	0	7
ALL POLYCHAETA				7
CLADOCERA				
DAPHNIA	1	0	0	7
ALL CLADOCERA				7
COPEPODA				
CYCLOPS BICUSPIDATUS	1	0	7	
DIAPTOMUS	28	5	7	
EURYTEMORA	0	1	0	
HARPACTICOIDA	0	1	0	
LIMNOCALANUS	8	4	4	
ALL COPEPODA				455
OSTRACODA	1	0	0	7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/15/84

TRANSECT 9 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
AMPHIPODA				
GAMMARUS	3	0	2	34
ALL AMPHIPODA				34
DIPTERA				
CHIRONOMIDAE	6	4	5	103
GASTROPODA				
AMNICOLA	2	0	0	
ELIMIA LIVESCENS	1	0	0	
ALL GASTROPODA				21
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	8	3	9	
SPHAERIUM	0	1	0	
ALL SPHAERIIDAE				145
ALL PELECYPODA				145

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/15/84

ST. CLAIR RIVER TRANSECT 10 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
NEMATODA	1	0	1	14
OLIGOCHAETA	3	2	1	41
COPEPODA				
CYCLOPS BICUSPIDATUS	0	1	0	
DIAPTOMUS	3	3	1	
LIMNOCALANUS	11	7	10	
ALL COPEPODA				248
AMPHIPODA				
GAMMARUS	1	0	0	7
ALL AMPHIPODA				7
TERRESTRIAL INSECT	1	0	1	14
DIPTERA				
CERATOPOGONIDAE	1	0	2	
CHIRONOMIDAE	2	2	2	41
ALL DIPTERA				62
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	3	2	0	34
ALL PELECYPODA				34

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/15/84

ST. CLAIR RIVER TRANSECT 10 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	0	1	0	7
NEMATODA	10	24	11	310
HIRUDINEA				
GLOSSIPHONIIDAE				
GLOSSIPHONIA HETEROCLITA	1	0	0	
ALL HIRUDINEA				7
OLIGOCHAETA				
SPIROSPERMA	37	37	28	
OTHER	81	55	122	
ALL OLIGOCHAETA				2479
POLYCHAETA				
MANAYUNKIA SPECIOSA	2	21	2	172
ALL POLYCHAETA				172
CLADOCERA				
DAPHNIA	3	0	1	28
ALL CLADOCERA				28
COPEPODA				
CYCLOPS BICUSPIDATUS	1	0	3	
DIAPTOMUS	6	3	6	
LIMNOCALANUS	23	11	2	
ALL COPEPODA				379
OSTRACODA	1	0	0	7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/15/84

TRANSECT 10 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
AMPHIPODA				
GAMMARUS	0	0	1	7
ALL AMPHIPODA				7
DIPTERA				
CHIRONOMIDAE	38	20	60	813
EPHEMEROPTERA				
CAENIDAE				
CAENIS	0	1	0	
ALL EPHEMEROPTERA				7
TRICHOPTERA				
LEPTOCERIDAE				
CERACLEA	1	0	0	
ALL TRICHOPTERA				7
ACARINA	0	1	0	7
GASTROPODA				
AMNICOLA	15	8	2	
ELIMIA LIVESCENS	0	1	2	
GYRAULUS	2	0	0	
PHYSA	0	0	1	
ALL GASTROPODA				213
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	15	8	19	289
ALL PELECYPODA				289

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/15/84

ST. CLAIR RIVER TRANSECT 10 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	1	1	0	14
NEMATODA	12	20	33	448
OLIGOCHAETA				
SPIROSPERMA	3	7	0	
OTHER	38	78	25	
ALL OLIGOCHAETA				1040
POLYCHAETA				
MANAYUNKIA SPECIOSA	0	0	3	21
ALL POLYCHAETA				21
CLADOCERA				
BOSMINA	1	0	0	7
ALL CLADOCERA				7
COPEPODA				
CYCLOPS BICUSPIDATUS	1	0	1	
DIAPTOMUS	3	1	14	
LIMNOCALANUS	12	6	4	
ALL COPEPODA				289
DIPTERA				
CHIRONOMIDAE	12	2	5	131
EPHEMEROPTERA				
CAENIDAE				
CAENIS	0	0	1	
ALL EPHEMEROPTERA				7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/15/84

TRANSECT 10 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TRICHOPTERA				
LEPTOCERIDAE				
OECETIS	0	1	0	
ALL TRICHOPTERA				7
GASTROPODA				
AMNICOLA	18	3	1	
GYRAULUS	0	1	0	
ALL GASTROPODA				158
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	17	4	2	158
ALL PELECYPODA				158

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/15/84

LAKE ST. CLAIR TRANSECT 11 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	3	0	2	34
NEMATODA	96	47	40	1260
HIRUDINEA				
GLOSSIPHONIIDAE				
HELOBDELLA ELONGATA	2	0	0	
ALL HIRUDINEA				14
OLIGOCHAETA				
SPIROSPERMA	0	0	2	
OTHER	234	129	37	
ALL OLIGOCHAETA				2768
POLYCHAETA				
MANAYUNKIA SPECIOSA	58	40	18	799
ALL POLYCHAETA				799
COPEPODA				
CYCLOPS BICUSPIDATUS	0	0	3	
DIAPTOMUS	0	0	2	
HARPACTICOIDA	0	0	1	
LIMNOCALANUS	1	0	0	
ALL COPEPODA				48
OSTRACODA	15	30	21	455
AMPHIPODA				
GAMMARUS	9	27	8	303
ALL AMPHIPODA				303

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/15/84

TRANSECT 11 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TERRESTRIAL INSECT	1	0	0	7
DIPTERA				
CHIRONOMIDAE	81	52	76	1439
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	129	92	126	
ALL EPHEMEROPTERA				2390
TRICHOPTERA				
LEPTOCERIDAE				
OECETIS	1	1	1	
ALL TRICHOPTERA				21
ACARINA	0	0	1	7
GASTROPODA				
AMNICOLA	1	1	0	
ELIMIA LIVESCENS	1	0	0	
SOMATOGYRUS SUBGLOBOSUS	1	0	0	
VALVATA TRICARINATA	0	1	0	
ALL GASTROPODA				34
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	46	13	4	
SPHAERIUM	0	0	1	
ALL SPHAERIIDAE				441
UNIONIDAE				
LAMPSILIS RADIATA SILIQUOIDEA	0	0	1	
ALL PELECYPODA				448

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/15/84

LAKE ST. CLAIR TRANSECT 11 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	2	5	8	103
NEMATODA	109	168	210	3354
HIRUDINEA				
GLOSSIPHONIIDAE				
HELOBDELLA ELONGATA	0	0	1	
ALL HIRUDINEA				7
OLIGOCHAETA	615	551	679	12706
POLYCHAETA				
MANAYUNKIA SPECIOSA	0	24	0	165
ALL POLYCHAETA				165
CLADOCERA				
ILYOCRYPTUS	0	2	0	14
ALL CLADOCERA				14
OSTRACODA	3	8	19	207
AMPHIPODA				
GAMMARUS	5	4	3	
HYALELLA AZTECA	1	0	0	
ALL AMPHIPODA				90
DIPTERA				
CHIRONOMIDAE	36	50	24	758

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/15/84

TRANSECT 11 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
CAENIDAE				
CAENIS	0	0	1	
EPHEMERIDAE				
HEXAGENIA	77	56	71	
ALL EPHEMEROPTERA				1412
TRICHOPTERA				
LEPTOCERIDAE				
OECETIS	0	0	1	
ALL TRICHOPTERA				7
ACARINA	0	1	0	7
GASTROPODA				
GYRAULUS	0	1	0	7
ALL GASTROPODA				7
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	61	36	88	1274
ALL PELECYPODA				1274

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/15/84

LAKE ST. CLAIR TRANSECT 11 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	6	0	2	55
NEMATODA	116	162	131	2817
HIRUDINEA				
GLOSSIPHONIIDAE				
HELOBDELLA ELONGATA	2	1	0	
PISCICOLIDAE	0	1	0	
ALL HIRUDINEA				28
OLIGOCHAETA				
SPIROSPERMA	0	0	1	
OTHER	779	445	507	
ALL OLIGOCHAETA				11928
POLYCHAETA				
MANAYUNKIA SPECIOSA	16	32	33	558
ALL POLYCHAETA				558
CLADOCERA				
ILYOCRYPTUS	3	3	3	62
ALL CLADOCERA				62
COPEPODA				
CYCLOPS BICUSPIDATUS	0	8	0	
DIAPTOMUS	0	8	0	
LIMNOCALANUS	0	2	0	
ALL COPEPODA				124

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/15/84

TRANSECT 11 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
OSTRACODA	1	3	1	34
AMPHIPODA				
GAMMARUS	3	0	3	
HYALELLA AZTECA	0	2	0	
ALL AMPHIPODA				55
DIPTERA				
CHIRONOMIDAE	28	33	41	702
EPHEMEROPTERA				
CAENIDAE				
CAENIS	0	0	1	
EPHEMERIDAE				
HEXAGENIA	58	81	60	
ALL EPHEMEROPTERA				1377
TRICHOPTERA				
LEPTOCERIDAE				
OECETIS	1	0	0	
ALL TRICHOPTERA				7
ACARINA	1	1	0	14
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	59	101	21	
SPHAERIUM	3	8	2	
ALL SPHAERIIDAE				1336
ALL PELECYPODA				1336

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/84

LAKE ST. CLAIR TRANSECT 12 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	1	3	0	28
TRICLADIDA	0	1	0	7
NEMATODA	26	16	41	572
OLIGOCHAETA				
SPIROSPERMA	4	19	9	
OTHER	20	27	56	
ALL OLIGOCHAETA				930
POLYCHAETA				
MANAYUNKIA SPECIOSA	70	47	52	1164
ALL POLYCHAETA				1164
CLADOCERA				
DAPHNIA	0	2	0	14
ALL CLADOCERA				14
COPEPODA				
CYCLOPS VERNALIS	0	0	1	
DIAPTOMUS	0	1	1	
HARPACTICOIDA	1	3	1	
LIMNOCALANUS	1	4	5	
ALL COPEPODA				124
OSTRACODA	9	22	22	365

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/84

TRANSECT 12 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
AMPHIPODA				
GAMMARUS	41	9	6	386
ALL AMPHIPODA				386
DIPTERA				
CHIRONOMIDAE	44	50	31	861
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	77	142	115	
ALL EPHEMEROPTERA				2300
TRICHOPTERA				
LEPTOCERIDAE				
OECETIS	2	4	1	
ALL TRICHOPTERA				48
GASTROPODA				
AMNICOLA	7	8	3	
ELIMIA LIVESCENS	0	1	0	
GYRAULUS	12	11	18	
VALVATA TRICARINATA	0	4	3	
ALL GASTROPODA				461
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	17	12	18	
SPHAERIUM	0	0	2	
ALL SPHAERIIDAE				337
ALL PELECYPODA				337

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/15/84

LAKE ST. CLAIR TRANSECT 12 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	0	0	3	21
NEMATODA	15	15	69	682
OLIGOCHAETA				
SPIROSPERMA	0	1	2	
OTHER	62	108	233	
ALL OLIGOCHAETA				2796
POLYCHAETA				
MANAYUNKIA SPECIOSA	5	11	10	179
ALL POLYCHAETA				179
COPEPODA				
CYCLOPS VERNALIS	0	1	1	
DIAPTOMUS	0	1	7	
HARPACTICOIDA	0	0	3	
LIMNOCALANUS	9	2	10	
ALL COPEPODA				234
OSTRACODA	0	1	2	21
AMPHIPODA				
GAMMARUS	7	2	10	131
ALL AMPHIPODA				131
DIPTERA				
CHIRONOMIDAE	23	60	68	1040

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/15/84

TRANSECT 12 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
CAENIDAE				
CAENIS	0	0	1	
EPHEMERIDAE				
HEXAGENIA	82	99	94	
ALL EPHEMEROPTERA				1901
TRICHOPTERA				
LEPTOCERIDAE				
OECETIS	5	1	5	
ALL TRICHOPTERA				76
ACARINA	1	0	0	7
GASTROPODA				
AMNICOLA	1	3	5	
ELIMIA LIVESCENS	0	1	2	
GYRAULUS	1	0	2	
ALL GASTROPODA				103
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	14	30	38	
SPHAERIUM	0	0	1	
ALL SPHAERIIDAE				572
ALL PELECYPODA				572

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/15/84

LAKE ST. CLAIR TRANSECT 12 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TRICLADIDA	0	1	0	7
NEMATODA	12	63	21	661
HIRUDINEA				
GLOSSIPHONIIDAE				
HELOBDELLA ELONGATA	0	1	1	
HELOBDELLA STAGNALIS	0	1	0	
ALL HIRUDINEA				21
OLIGOCHAETA				
SPIROSPERMA	1	3	3	
OTHER	149	383	103	
ALL OLIGOCHAETA				4421
POLYCHAETA				
MANAYUNKIA SPECIOSA	5	25	9	269
ALL POLYCHAETA				269
COPEPODA				
CYCLOPS VERNALIS	0	1	0	
DIAPTOMUS	9	5	2	
HARPACTICOIDA	0	12	3	
LIMNOCALANUS	8	3	1	
ALL COPEPODA				303
OSTRACODA	0	4	0	28

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/15/84

TRANSECT 12 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
AMPHIPODA				
GAMMARUS	1	12	2	103
ALL AMPHIPODA				103
ISOPODA				
ASELLUS	0	1	0	7
ALL ISOPODA				7
TERRESTRIAL INSECT	1	0	0	7
DIPTERA				
CHIRONOMIDAE	31	62	46	957
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	91	71	79	
ALL EPHEMEROPTERA				1660
TRICHOPTERA				
LEPTOCERIDAE				
OECETIS	1	5	1	
ALL TRICHOPTERA				48
ACARINA	2	0	0	14
GASTROPODA				
AMNICOLA	0	2	0	
GYRAULUS	0	7	3	
VALVATA TRICARINATA	0	1	1	
ALL GASTROPODA				96

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/15/84

TRANSECT 12 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	18	64	16	675
ALL PELECYPODA				675

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/84

LAKE ST. CLAIR TRANSECT 13 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	0	0	1	7
NEMATODA	12	30	12	372
OLIGOCHAETA	18	33	22	503
POLYCHAETA				
MANAYUNKIA SPECIOSA	9	0	1	69
ALL POLYCHAETA				69
COPEPODA				
CYCLOPS BICUSPIDATUS	1	1	0	
DIAPTOMUS	2	3	6	
HARPACTICOIDA	4	7	0	
LIMNOCALANUS	1	0	0	
ALL COPEPODA				172
OSTRACODA	6	6	7	131
AMPHIPODA				
GAMMARUS	2	7	4	90
ALL AMPHIPODA				90
DIPTERA				
CHIRONOMIDAE	17	43	29	613

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/84

TRANSECT 13 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	91	91	87	
ALL EPHEMEROPTERA				1853
TRICHOPTERA				
LEPTOCERIDAE				
OECETIS	4	5	1	
ALL TRICHOPTERA				69
ACARINA	1	0	0	7
GASTROPODA				
AMNICOLA	3	3	6	
ELIMIA LIVESCENS	0	1	0	
GYRAULUS	3	0	0	
VALVATA TRICARINATA	0	1	0	
ALL GASTROPODA				117
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	6	33	17	
SPHAERIUM	0	1	0	
ALL SPHAERIIDAE				393
ALL PELECYPODA				393

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/84

LAKE ST. CLAIR TRANSECT 13 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	1	0	0	7
ALL CNIDARIA				7
RHABDOCOELA	1	0	3	28
NEMATODA	62	16	27	723
OLIGOCHAETA				
SPIROSPERMA	3	0	1	
OTHER	350	165	102	
ALL OLIGOCHAETA				4277
POLYCHAETA				
MANAYUNKIA SPECIOSA	5	2	5	83
ALL POLYCHAETA				83
COPEPODA				
CYCLOPS BICUSPIDATUS	3	0	2	
DIAPTOMUS	1	0	3	
HARPACTICOIDA	4	0	5	
ALL COPEPODA				124
OSTRACODA	4	1	4	62
AMPHIPODA				
GAMMARUS	34	3	13	
HYALELLA AZTECA	1	0	0	
ALL AMPHIPODA				351

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/84

TRANSECT 13 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
DIPTERA				
CERATOPOGONIDAE	0	0	1	
CHIRONOMIDAE	62	35	49	1005
ALL DIPTERA				1012
EPHEMEROPTERA				
CAENIDAE				
CAENIS	0	1	0	
EPHEMERIDAE				
HEXAGENIA	69	74	107	
ALL EPHEMEROPTERA				1729
TRICHOPTERA				
LEPTOCERIDAE				
OECETIS	0	1	5	
ALL TRICHOPTERA				41
ACARINA	0	1	0	7
GASTROPODA				
AMNICOLA	7	0	0	
ELIMIA LIVESCENS	1	0	0	
GYRAULUS	4	8	0	
VALVATA TRICARINATA	1	0	0	
ALL GASTROPODA				145
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	38	27	21	
SPHAERIUM	1	5	3	
ALL SPHAERIIDAE				654
ALL PELECYPODA				654

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/84

LAKE ST. CLAIR TRANSECT 13 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	0	0	1	7
NEMATODA	1	22	21	303
OLIGOCHAETA	21	83	67	1178
POLYCHAETA				
MANAYUNKIA SPECIOSA	0	5	2	48
ALL POLYCHAETA				48
COPEPODA				
DIAPTOMUS	0	2	2	
EPISHURA LACUSTRIS	0	1	0	
HARPACTICOIDA	0	9	1	
LIMNOCALANUS	0	3	0	
ALL COPEPODA				124
OSTRACODA	0	0	6	41
AMPHIPODA				
GAMMARUS	3	5	11	131
ALL AMPHIPODA				131
DIPTERA				
CHIRONOMIDAE	12	20	24	386

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 4/84

TRANSECT 13 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	86	73	85	
ALL EPHEMEROPTERA				1680
TRICHOPTERA				
LEPTOCERIDAE				
OECETIS	3	1	3	
ALL TRICHOPTERA				48
GASTROPODA				
AMNICOLA	1	0	4	
ELIMIA LIVESCENS	0	1	1	
GYRAULUS	0	0	4	
ALL GASTROPODA				76
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	4	6	18	
SPHAERIUM	1	0	1	
ALL SPHAERIIDAE				207
ALL PELECYPODA				207

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 3/84

DETROIT RIVER TRANSECT 14 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PORIFERA				
SPONGILLA	+	+	+	+
ALL PORIFERA				0
NEMATODA	0	1	0	7
OLIGOCHAETA				
NAIS	7	2	5	
SPIROSPERMA	0	6	0	
OTHER	24	35	28	
ALL OLIGOCHAETA				737
POLYCHAETA				
MANAYUNKIA SPECIOSA	1	2	1	28
ALL POLYCHAETA				28
COPEPODA				
CYCLOPS BICUSPIDATUS	7	4	1	
DIAPTOMUS	27	24	20	
HARPACTICOIDA	0	0	1	
LIMNOCALANUS	2	5	2	
ALL COPEPODA				640
OSTRACODA	0	3	1	28
DIPTERA				
CERATOPOGONIDAE	0	0	1	
CHIRONOMIDAE	3	2	5	69
ALL DIPTERA				76

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 3/84

TRANSECT 14 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
BAETISCIDAE				
BAETISCA	1	0	0	
ALL EPHEMEROPTERA				7
ACARINA	1	0	0	7
GASTROPODA				
AMNICOLA	3	4	18	
ELIMIA LIVESCENS	16	21	27	
ALL GASTROPODA				613
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	15	12	21	
SPHAERIUM	3	4	6	
ALL SPHAERIIDAE				420
UNIONIDAE	1	0	0	
ALL PELECYPODA				427

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 3/84

DETROIT RIVER TRANSECT 14 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PORIFERA				
SPONGILLA	0	+	+	+
ALL PORIFERA				0
CNIDARIA				
HYDRA	0	0	11	76
ALL CNIDARIA				76
TRICLADIDA	0	0	6	41
NEMERTINEA	0	2	3	34
NEMATODA	3	5	6	96
OLIGOCHAETA				
NAIS	0	0	6	
SPIROSPERMA	0	1	1	
OTHER	28	18	24	
ALL OLIGOCHAETA				537
POLYCHAETA				
MANAYUNKIA SPECIOSA	21	11	19	351
ALL POLYCHAETA				351

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 3/84

TRANSECT 14 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
CYCLOPS VERNALIS	2	1	0	
DIAPTOMUS	30	15	16	
HARPACTICOIDA	1	0	0	
LIMNOCALANUS	2	2	4	
UNIDENTIFIED NAUPLII	0	1	0	
ALL COPEPODA				510
OSTRACODA	0	2	1	21
DIPTERA				
CERATOPOGONIDAE	1	2	1	
CHIRONOMIDAE	7	5	7	131
ALL DIPTERA				158
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	4	0	15	
HYDROPSYCHE	0	0	1	
ALL TRICHOPTERA				138
GASTROPODA				
AMNICOLA	7	2	3	
ELIMIA LIVESCENS	12	11	7	
ALL GASTROPODA				289

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 3/84

TRANSECT 14 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	17	18	16	
SPHAERIUM	13	12	11	
ALL SPHAERIIDAE				599
UNIONIDAE	1	0	0	
ALL PELECYPODA				606

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 3/84

DETROIT RIVER TRANSECT 14 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
FISH				
FISH EGGS	1	0	0	7
ALL FISH				7
CNIDARIA				
HYDRA	33	0	8	282
ALL CNIDARIA				282
RHABDOCOELA	2	1	8	76
TRICLADIDA	2	0	1	21
NEMERTINEA	59	177	42	1914
NEMATODA	30	37	27	647
OLIGOCHAETA				
BRANCHIURA	2	2	0	
SPIROSPERMA	213	154	134	
OTHER	215	247	236	
ALL OLIGOCHAETA				8285
POLYCHAETA				
MANAYUNKIA SPECIOSA	53	262	258	3946
ALL POLYCHAETA				3946

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 3/84

TRANSECT 14 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CLADOCERA				
ILYOCRYPTUS	2	0	0	14
ALL CLADOCERA				14
COPEPODA				
DIAPTOMUS	9	0	9	
LIMNOCALANUS	0	8	1	
MESOCYCLOPS	0	0	1	
ALL COPEPODA				193
OSTRACODA	1994	267	387	18236
AMPHIPODA				
GAMMARUS	14	0	1	
HYALELLA AZTECA	2	0	1	
ALL AMPHIPODA				124
TERRESTRIAL INSECT	1	0	0	7
DIPTERA				
CERATOPOGONIDAE	0	2	0	
CHIRONOMIDAE	94	19	62	1205
ALL DIPTERA				1219
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	6	6	8	
ALL EPHEMEROPTERA				138

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 3/84

TRANSECT 14 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	15	0	0	
LEPTOCERIDAE				
CERACLEA	0	1	0	
ALL TRICHOPTERA				110
ACARINA	9	1	0	69
GASTROPODA				
AMNICOLA	1	6	8	
BITHYNIA	1	0	0	
ELIMIA LIVESCENS	6	9	2	
PHYSA	2	0	0	
ALL GASTROPODA				241
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	34	52	26	
SPHAERIUM	34	36	23	
ALL SPHAERIIDAE				1412
UNIONIDAE				
LAMPSILIS	0	1	1	
TRUNCILLA	1	0	0	
OTHER	0	6	0	
ALL PELECYPODA				1474

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 3/84

DETROIT RIVER TRANSECT 15 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	7	3	3	90
ALL CNIDARIA				90
TRICLADIDA	0	1	0	7
NEMERTINEA	3	1	2	41
NEMATODA	3	33	11	324
OLIGOCHAETA				
SPIROSPERMA	11	1	4	
OTHER	24	18	12	
ALL OLIGOCHAETA				482
COPEPODA				
CYCLOPS BICUSPIDATUS	1	1	4	
DIAPTOMUS	10	1	10	
LIMNOCALANUS	1	0	0	
ALL COPEPODA				193
OSTRACODA	4	1	4	62
AMPHIPODA				
GAMMARUS	1	1	1	21
ALL AMPHIPODA				21

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 3/84

TRANSECT 15 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
DIPTERA				
CHIRONOMIDAE	1	2	2	34
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	1	1	3	
ALL TRICHOPTERA				34
GASTROPODA				
AMNICOLA	1	5	1	
ELIMIA LIVESCENS	2	9	3	
ALL GASTROPODA				145
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	10	8	5	158
UNIONIDAE				
LAMPSILIS RADIATA SILIQUOIDEA	1	0	0	
ALL PELECYPODA				165

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 3/84

DETROIT RIVER TRANSECT 15 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
FISH				
FISH EGGS	0	0	1	7
ALL FISH				7
CNIDARIA				
HYDRA	292	101	15	2810
ALL CNIDARIA				2810
RHABDOCOELA	0	3	0	21
TRICLADIDA	20	12	0	220
NEMERTINEA	8	5	3	110
NEMATODA	49	14	50	778
OLIGOCHAETA				
SPIROSPERMA	1	6	3	
OTHER	24	22	38	
ALL OLIGOCHAETA				647
COPEPODA				
CYCLOPS BICUSPIDATUS	8	0	1	
DIAPTOMUS	1	1	9	
EUCYCLOPS	0	0	4	
LIMNOCALANUS	0	2	0	
ALL COPEPODA				179

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 3/84

TRANSECT 15 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
OSTRACODA	16	39	1	386
AMPHIPODA				
GAMMARUS	2	2	0	28
ALL AMPHIPODA				28
DIPTERA				
CHIRONOMIDAE	10	4	7	145
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	0	1	0	
BAETISCIDAE				
BAETISCA	10	11	0	
HEPTAGENIIDAE				
STENONEMA	2	0	0	
ALL EPHEMEROPTERA				165
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	175	68	5	
HYDROPSYCHE	69	9	0	
LEPTOCERIDAE				
CERACLEA	2	0	0	
ALL TRICHOPTERA				2259
ACARINA	1	0	0	7
GASTROPODA				
AMNICOLA	4	8	4	
ELIMIA LIVESCENS	107	31	9	
ALL GASTROPODA				1123

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 3/84

TRANSECT 15 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	10	25	20	
SPHAERIUM	0	2	0	
ALL SPHAERIIDAE				393
ALL PELECYPODA				393

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 3/84

DETROIT RIVER TRANSECT 15 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
FISH				
FISH EGGS	0	1	0	7
ALL FISH				7
CNIDARIA				
HYDRA	1	0	1	14
ALL CNIDARIA				14
NEMERTINEA	1	2	0	21
NEMATODA	14	0	16	207
OLIGOCHAETA				
SPIROSPERMA	1	8	0	
OTHER	1	22	0	
ALL OLIGOCHAETA				220
POLYCHAETA				
MANAYUNKIA SPECIOSA	2	2	0	28
ALL POLYCHAETA				28
CLADOCERA				
DAPHNIA	0	0	1	7
ALL CLADOCERA				7
COPEPODA				
CYCLOPS BICUSPIDATUS	1	2	0	
DIAPTOMUS	1	2	16	
LIMNOCALANUS	0	3	3	
ALL COPEPODA				193

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 3/84

TRANSECT 15 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
OSTRACODA	0	6	1	48
DIPTERA				
CHIRONOMIDAE	0	4	3	48
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	3	2	1	
BAETISCIDAE				
BAETISCA	1	0	0	
ALL EPHEMEROPTERA				48
TRICHOPTERA				
HYDROPSYCHIDAE				
HYDROPSYCHE	0	0	1	
LEPTOCERIDAE				
OECETIS	0	0	1	
ALL TRICHOPTERA				14
GASTROPODA				
ELIMIA LIVESCENS	0	1	0	7
ALL GASTROPODA				7
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	1	8	12	
SPHAERIUM	0	0	4	
ALL SPHAERIIDAE				172
ALL PELECYPODA				172

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 3/84

DETROIT RIVER TRANSECT 16 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	32	8	17	393
ALL CNIDARIA				393
RHABDOCOELA	8	5	2	103
NEMATODA	260	101	218	3987
HIRUDINEA				
ERPOBDELLIDAE	1	0	3	
GLOSSIPHONIIDAE				
GLOSSIPHONIA HETEROCLITA	0	2	0	
HELOBDELLA ELONGATA	0	0	5	
HELOBDELLA STAGNALIS	0	0	1	
ALL HIRUDINEA				83
OLIGOCHAETA				
NAIS	24	0	8	
SPIROSPERMA	2	2	0	
OTHER	1206	415	1242	
ALL OLIGOCHAETA				19964
POLYCHAETA				
MANAYUNKIA SPECIOSA	0	0	16	110
ALL POLYCHAETA				110

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 3/84

TRANSECT 16 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
CYCLOPS BICUSPIDATUS	1	0	0	
DIAPTOMUS	16	10	0	
HARPACTICOIDA	51	42	195	
PARACYCLOPS	0	0	16	
ALL COPEPODA				2279
OSTRACODA	447	60	421	6391
AMPHIPODA				
GAMMARUS	12	12	8	
HYALELLA AZTECA	263	105	78	
ALL AMPHIPODA				3292
ISOPODA				
ASELLUS	1	1	2	28
ALL ISOPODA				28
DIPTERA				
CERATOPOGONIDAE	15	7	10	
CHIRONOMIDAE	841	500	711	14131
ALL DIPTERA				14352
EPHEMEROPTERA				
CAENIDAE				
CAENIS	1	0	4	
ALL EPHEMEROPTERA				34
LEPIDOPTERA	3	1	1	34

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 3/84

TRANSECT 16 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	2	3	0	
HYDROPSYCHE	1	0	0	
LEPTOCERIDAE				
OECETIS	0	1	1	
TRIAENODES	1	0	0	
ALL TRICHOPTERA				62
ACARINA	1	1	0	14
GASTROPODA				
AMNICOLA	11	2	9	
GYRAULUS	1	2	0	
PHYSA	4	1	1	
ALL GASTROPODA				213
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	1	1	0	14
ALL PELECYPODA				14

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 3/84

DETROIT RIVER TRANSECT 16 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
FISH				
FISH EGGS	1	1	0	14
ALL FISH				14
CNIDARIA				
HYDRA	0	5	12	117
ALL CNIDARIA				117
RHABDOCOELA	7	9	7	158
TRICLADIDA	0	0	2	14
NEMERTINEA	8	0	14	152
NEMATODA	171	179	264	4228
HIRUDINEA				
ERPOBDELLIDAE	1	0	1	
GLOSSIPHONIIDAE				
HELOBDELLA ELONGATA	0	1	0	
ALL HIRUDINEA				21
OLIGOCHAETA				
SPIROSPERMA	10	2	11	
OTHER	129	146	88	
ALL OLIGOCHAETA				2658

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 3/84

TRANSECT 16 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
POLYCHAETA				
MANAYUNKIA SPECIOSA	1	1	0	14
ALL POLYCHAETA				14
COPEPODA				
CYCLOPS BICUSPIDATUS	8	17	9	
DIAPTOMUS	8	16	0	
HARPACTICOIDA	24	82	0	
MESOCYCLOPS	8	16	8	
ALL COPEPODA				1350
OSTRACODA	39	84	131	1749
AMPHIPODA				
GAMMARUS	5	3	4	
HYALELLA AZTECA	9	1	4	
ALL AMPHIPODA				179
TERRESTRIAL INSECT	0	1	0	7
DIPTERA				
CERATOPOGONIDAE	20	28	27	
CHIRONOMIDAE	65	44	63	1185
ALL DIPTERA				1701

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 3/84

TRANSECT 16 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
CAENIDAE				
CAENIS	19	2	4	
EPHEMERIDAE				
HEXAGENIA	20	11	28	
ALL EPHEMEROPTERA				578
LEPIDOPTERA	0	0	2	14
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	1	0	1	
HYDROPSYCHE	1	0	0	
HYDROPTILIDAE				
ORTHOTRICHIA	1	0	0	
LEPTOCERIDAE				
NECTOPSYCHE	1	0	0	
POLYCENTROPODIDAE				
PHYLOCENTROPUS	3	3	3	
ALL TRICHOPTERA				96
ACARINA	1	2	0	21
GASTROPODA				
AMNICOLA	18	18	14	
GYRAULUS	1	0	0	
PHYSA	0	1	0	
PLEUROCERA ACUTA	5	5	2	
ALL GASTROPODA				441

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 3/84

TRANSECT 16 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	26	13	47	
SPHAERIUM	2	6	3	
ALL SPHAERIIDAE				668
UNIONIDAE	0	1	1	
ALL PELECYPODA				682

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 3/84

DETROIT RIVER TRANSECT 16 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
FISH				
FISH EGGS	1	2	1	28
ALL FISH				28
CNIDARIA				
HYDRA	23	0	4	186
ALL CNIDARIA				186
RHABDOCOELA	7	0	1	55
TRICLADIDA	1	0	1	14
NEMATODA	31	20	43	647
OLIGOCHAETA				
SPIROSPERMA	2	3	0	
OTHER	178	231	104	
ALL OLIGOCHAETA				3567
POLYCHAETA				
MANAYUNKIA SPECIOSA	10	16	0	179
ALL POLYCHAETA				179
CLADOCERA				
DAPHNIA	0	8	1	62
ALL CLADOCERA				62

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 3/84

TRANSECT 16 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
DIAPTOMUS	8	8	3	
LIMNOCALANUS	0	0	1	
MACROCYCLOPS	0	1	0	
ALL COPEPODA				145
OSTRACODA	34	26	57	806
AMPHIPODA				
GAMMARUS	39	10	8	
HYALELLA AZTECA	6	1	2	
ALL AMPHIPODA				455
TERRESTRIAL INSECT	0	0	1	7
DIPTERA				
CERATOPOGONIDAE	1	2	0	
CHIRONOMIDAE	46	51	15	771
EMPIDIDAE	1	0	0	
ALL DIPTERA				799
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	9	2	1	
EPHEMERELLIDAE				
EPHEMERELLA	1	0	0	
BAETISCIDAE				
BAETISCA	1	1	0	
ALL EPHEMEROPTERA				103

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 3/84

TRANSECT 16 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	5	0	0	
HYDROPSYCHE	1	0	0	
HYDROPTILIDAE				
HYDROPTILA	0	0	1	
ALL TRICHOPTERA				48
ACARINA	4	2	8	96
GASTROPODA				
AMNICOLA	6	0	2	
GYRAULUS	1	0	2	
PLEUROCERA ACUTA	1	0	0	
ALL GASTROPODA				83
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	10	17	5	220
UNIONIDAE				
ELLIPTIO DILATATUS	1	0	0	
LAMPSILIS VENTRICOSA	1	0	0	
PTYCHOBRAUCHUS FASCIOLARIA	0	1	0	
ALL PELECYPODA				241

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 2/84

DETROIT RIVER TRANSECT 17 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	22	23	178	1536
ALL CNIDARIA				1536
RHABDOCOELA	5	7	2	96
TRICLADIDA	0	1	0	7
NEMERTINEA	4	0	1	34
NEMATODA	96	194	212	3457
HIRUDINEA				
ERPOBDELLIDAE	3	2	2	
GLOSSIPHONIIDAE				
GLOSSIPHONIA HETEROCLITA	1	0	0	
ALL HIRUDINEA				55
OLIGOCHAETA				
NAIS	0	0	2	
SPIROSPERMA	22	6	7	
OTHER	686	836	693	
ALL OLIGOCHAETA				15509
POLYCHAETA				
MANAYUNKIA SPECIOSA	1	0	0	7
ALL POLYCHAETA				7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 2/84

TRANSECT 17 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
CYCLOPS BICUSPIDATUS	0	8	0	
DIAPTOMUS	1	8	9	
HARPACTICOIDA	48	40	19	
LIMNOCALANUS	1	2	0	
MACROCYCLOPS	1	0	0	
ALL COPEPODA				943
OSTRACODA	1	3	0	28
AMPHIPODA				
GAMMARUS	4	4	3	
HYALELLA AZTECA	0	2	3	
ALL AMPHIPODA				110
ISOPODA				
ASELLUS	2	0	0	
LIRCEUS	1	0	0	
ALL ISOPODA				21
DIPTERA				
CERATOPOGONIDAE	6	12	4	
CHIRONOMIDAE	60	49	38	1012
ALL DIPTERA				1164
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	1	3	0	
ALL EPHEMEROPTERA				28

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 2/84

TRANSECT 17 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	0	1	0	
HYDROPSYCHE	0	1	0	
ALL TRICHOPTERA				14
GASTROPODA				
AMNICOLA	22	8	33	
ELIMIA LIVESCENS	0	0	3	
GYRAULUS	2	0	4	
PHYSA	1	0	0	
PLEUROCERA ACUTA	1	0	0	
ALL GASTROPODA				510
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	16	1	39	
SPHAERIUM	1	0	8	
ALL SPHAERIIDAE				448
ALL PELECYPODA				448

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 2/84

DETROIT RIVER TRANSECT 17 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	22	238	81	2348
ALL CNIDARIA				2348
RHABDOCOELA	1	0	8	62
TRICLADIDA	0	1	0	7
NEMERTINEA	2	3	8	90
NEMATODA	90	218	125	2982
OLIGOCHAETA				
SPIROSPERMA	3	14	49	
OTHER	143	404	306	
ALL OLIGOCHAETA				6329
POLYCHAETA				
MANAYUNKIA SPECIOSA	64	163	41	1846
ALL POLYCHAETA				1846
COPEPODA				
DIAPTOMUS	1	24	0	
HARPACTICOIDA	0	41	0	
LIMNOCALANUS	2	0	0	
ALL COPEPODA				468

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 2/84

TRANSECT 17 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
OSTRACODA	20	10	26	386
AMPHIPODA				
GAMMARUS	6	2	2	
HYALELLA AZTECA	10	1	0	
ALL AMPHIPODA				145
DIPTERA				
CERATOPOGONIDAE	3	5	1	
CHIRONOMIDAE	62	64	74	1377
EMPIDIDAE	0	1	0	
ALL DIPTERA				1446
EPHEMEROPTERA				
CAENIDAE				
CAENIS	1	3	2	
EPHEMERIDAE				
HEXAGENIA	13	9	4	
BAETISCIDAE				
BAETISCA	1	0	0	
ALL EPHEMEROPTERA				227
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	0	2	1	
HYDROPSYCHE	1	0	0	
LEPTOCERIDAE				
OECETIS	4	4	8	
TRIAENODES	0	1	0	
ALL TRICHOPTERA				145

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 2/84

TRANSECT 17 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
ACARINA	5	10	11	179
GASTROPODA				
AMNICOLA	8	8	4	
ELIMIA LIVESCENS	0	2	3	
PLEUROCERA ACUTA	4	2	1	
ALL GASTROPODA				220
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	3	19	9	
SPHAERIUM	1	15	2	
ALL SPHAERIIDAE				337
ALL PELECYPODA				337

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 2/84

DETROIT RIVER TRANSECT 17 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	65	35	141	1660
ALL CNIDARIA				1660
RHABDOCOELA	1	0	0	7
NEMERTINEA	2	2	7	76
NEMATODA	32	40	28	689
OLIGOCHAETA				
SPIROSPERMA	37	17	22	
OTHER	31	11	34	
ALL OLIGOCHAETA				1047
POLYCHAETA				
MANAYUNKIA SPECIOSA	83	323	80	3347
ALL POLYCHAETA				3347
COPEPODA				
CYCLOPS BICUSPIDATUS	0	1	0	
DIAPTOMUS	0	3	0	
LIMNOCALANUS	1	1	0	
ALL COPEPODA				41
OSTRACODA	24	13	5	289

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 2/84

TRANSECT 17 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
AMPHIPODA				
GAMMARUS	5	0	1	
HYALELLA AZTECA	1	0	1	
ALL AMPHIPODA				55
TERRESTRIAL INSECT	1	0	0	7
DIPTERA				
CHIRONOMIDAE	3	2	4	62
EPHEMEROPTERA				
CAENIDAE				
CAENIS	0	0	1	
EPHEMERIDAE				
HEXAGENIA	0	0	1	
BAETISCIDAE				
BAETISCA	3	0	1	
ALL EPHEMEROPTERA				41
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	0	1	8	
ALL TRICHOPTERA				62
ACARINA	0	1	2	21
GASTROPODA				
AMNICOLA	5	6	2	
ELIMIA LIVESCENS	1	0	0	
PLEUROCERA ACUTA	1	0	0	
ALL GASTROPODA				103

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 2/84

TRANSECT 17 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	9	3	6	
SPHAERIUM	2	1	5	
ALL SPHAERIIDAE				179
ALL PELECYPODA				179

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 1/84

DETROIT RIVER TRANSECT 18 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
FISH				
ETHEOSTOMA NIGRUM	1	0	0	7
ALL FISH				7
RHABDOCOELA	9	1	6	110
TRICLADIDA	14	5	4	158
NEMERTINEA	10	0	16	179
NEMATODA	59	1	89	1026
OLIGOCHAETA				
NAIS	24	0	0	
SPIROSPERMA	31	35	17	
OTHER	2423	3045	2945	
ALL OLIGOCHAETA				58674
COPEPODA				
CYCLOPS BICUSPIDATUS	0	0	1	
DIAPTOMUS	43	0	0	
LIMNOCALANUS	3	32	1	
ALL COPEPODA				551
OSTRACODA	1	0	0	7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 1/84

TRANSECT 18 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
AMPHIPODA				
GAMMARUS	4	1	19	
HYALELLA AZTECA	1	3	0	
ALL AMPHIPODA				193
DIPTERA				
CHIRONOMIDAE	40	4	13	393
EMPIDIDAE	0	0	1	
ALL DIPTERA				399
LEPIDOPTERA	1	0	0	7
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	1	0	0	
HYDROPSYCHE	3	0	0	
HYDROPTILIDAE				
HYDROPTILA	1	0	0	
POLYCENTROPODIDAE				
NEURECLIPSIS	1	0	0	
ALL TRICHOPTERA				41
ODONATA				
COENAGRIONIDAE	2	0	1	21
ACARINA	12	0	3	103
TARDIGRADA	8	0	0	55

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 1/84

TRANSECT 18 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
GASTROPODA				
AMNICOLA	7	0	6	
ELIMIA LIVESCENS	3	1	2	
FERISSIA	9	4	3	
GYRAULUS	3	0	0	
PHYSA	14	8	15	
ALL GASTROPODA				516
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	2	0	2	28
ALL PELECYPODA				28

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 1/84

DETROIT RIVER TRANSECT 18 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	0	1	0	7
ALL CNIDARIA				7
RHABDOCOELA	0	0	1	7
TRICLADIDA	1	0	1	14
NEMATODA	18	1	64	572
OLIGOCHAETA				
SPIROSPERMA	3	5	32	
OTHER	415	891	1571	
ALL OLIGOCHAETA				20088
POLYCHAETA				
MANAYUNKIA SPECIOSA	0	0	96	661
ALL POLYCHAETA				661
COPEPODA				
CYCLOPS BICUSPIDATUS	0	17	3	
DIAPTOMUS	0	16	1	
ALL COPEPODA				255
DIPTERA				
CHIRONOMIDAE	3	1	3	48

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 1/84

TRANSECT 18 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
ACARINA	0	2	3	34
TARDIGRADA	16	0	0	110
GASTROPODA				
AMNICOLA	3	0	1	
ELIMIA LIVESCENS	0	1	0	
FERISSIA	0	16	0	
PHYSA	1	0	1	
ALL GASTROPODA				158
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	0	0	1	7
ALL PELECYPODA				7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 1/84

DETROIT RIVER TRANSECT 18 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	64	0	0	441
ALL CNIDARIA				441
RHABDOCOELA	1	2	1	28
NEMATODA	0	0	1	7
OLIGOCHAETA				
NAIS	132	0	192	
SPIROSPERMA	71	5	41	
OTHER	4263	1217	5728	
ALL OLIGOCHAETA				80223
POLYCHAETA				
MANAYUNKIA SPECIOSA	0	64	0	441
ALL POLYCHAETA				441
COPEPODA				
LIMNOCALANUS	0	2	1	21
ALL COPEPODA				21
OSTRACODA	1	0	0	7
AMPHIPODA				
GAMMARUS	1	0	0	
HYALELLA AZTECA	2	0	0	
ALL AMPHIPODA				21

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 1/84

TRANSECT 18 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
DIPTERA				
CHIRONOMIDAE	29	2	1	220
PSYCHODIDAE	11	0	0	
ALL DIPTERA				296
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	0	1	0	
ALL EPHEMEROPTERA				7
LEPIDOPTERA	5	0	0	34
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	3	0	0	
HYDROPSYCHE	3	0	0	
HYDROPTILIDAE				
ORTHOTRICHIA	1	0	0	
LEPTOCERIDAE				
TRIAENODES	1	0	0	
POLYCENTROPODIDAE				
POLYCENTROPUS	2	0	0	
ALL TRICHOPTERA				69
ODONATA				
COENAGRIONIDAE	3	0	0	21
ACARINA	10	0	4	96

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 1/84

TRANSECT 18 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
GASTROPODA				
AMNICOLA	1	0	0	
ELIMIA LIVESCENS	0	0	2	
FERISSIA	5	0	0	
PHYSA	1	0	0	
VALVATA SINCERA	0	0	1	
ALL GASTROPODA				69
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	0	5	21	179
ALL PELECYPODA				179

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 1/84

DETROIT RIVER TRANSECT 19 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	31	40	21	634
TRICLADIDA	2	6	1	.62
NEMERTINEA	19	13	5	255
NEMATODA	144	96	28	1846
OLIGOCHAETA				
SPIROSPERMA	194	319	40	
OTHER	1545	2497	3102	
ALL OLIGOCHAETA				53007
POLYCHAETA				
MANAYUNKIA SPECIOSA	17	32	66	792
ALL POLYCHAETA				792
COPEPODA				
CYCLOPS BICUSPIDATUS	0	0	2	
DIAPTOMUS	0	16	0	
HARPACTICOIDA	16	0	0	
LIMNOCALANUS	0	0	1	
ALL COPEPODA				241
OSTRACODA	2	0	0	14

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 1/84

TRANSECT 19 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
AMPHIPODA				
GAMMARUS	3	10	4	117
ALL AMPHIPODA				117
DIPTERA				
CERATOPOGONIDAE	14	19	2	
CHIRONOMIDAE	4	3	0	48
EMPIDIDAE	1	0	0	
PSYCHODIDAE	1	0	0	
ALL DIPTERA				303
EPHEMEROPTERA				
CAENIDAE				
CAENIS	0	2	0	
EPHEMERIDAE				
HEXAGENIA	1	1	2	
ALL EPHEMEROPTERA				41
LEPIDOPTERA	1	1	0	14
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	0	0	1	
HYDROPTILIDAE				
ORTHOTRICHIA	0	2	0	
ALL TRICHOPTERA				21
ACARINA	14	63	2	544

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 1/84

TRANSECT 19 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
GASTROPODA				
AMNICOLA	7	12	11	
ELIMIA LIVESCENS	0	0	4	
FERISSIA	8	4	24	
GYRAULUS	0	1	0	
PHYSA	2	2	1	
ALL GASTROPODA				523
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	5	14	18	255
ALL PELECYPODA				255

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 1/84

DETROIT RIVER TRANSECT 19 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
NEMERTINEA	11	43	8	427
NEMATODA	89	24	24	943
OLIGOCHAETA				
SPIROSPERMA	45	60	13	
OTHER	119	167	60	
ALL OLIGOCHAETA				3195
COPEPODA				
CYCLOPS VERNALIS	0	0	1	
LIMNOCALANUS	0	8	0	
ALL COPEPODA				62
DIPTERA				
CHIRONOMIDAE	0	8	0	55
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	2	2	0	
BAETISCIDAE				
BAETISCA	0	1	0	
ALL EPHEMEROPTERA				34
GASTROPODA				
AMNICOLA	2	1	2	
ELIMIA LIVESCENS	1	2	0	
ALL GASTROPODA				55

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 1/84

DETROIT RIVER TRANSECT 19 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	0	1	0	7
ALL CNIDARIA				7
RHABDOCOELA	1	0	1	14
NEMERTINEA	18	5	1	165
NEMATODA	3	4	8	103
OLIGOCHAETA				
SPIROSPERMA	7	12	18	
OTHER	181	20	237	
ALL OLIGOCHAETA				3271
POLYCHAETA				
MANAYUNKIA SPECIOSA	19	2	88	751
ALL POLYCHAETA				751
COPEPODA				
CYCLOPS BICUSPIDATUS	3	0	8	
DIAPTOMUS	2	0	0	
HARPACTICOIDA	1	0	0	
LIMNOCALANUS	1	1	0	
ALL COPEPODA				110
OSTRACODA	0	0	1	7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 1/84

TRANSECT 19 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
AMPHIPODA				
GAMMARUS	0	1	0	7
ALL AMPHIPODA				7
DIPTERA				
CHIRONOMIDAE	2	1	5	55
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	1	0	0	
ALL EPHEMEROPTERA				7
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	0	1	0	
HYDROPSYCHE	0	1	0	
ALL TRICHOPTERA				14
ACARINA	1	2	0	21
GASTROPODA				
AMNICOLA	1	0	0	
ELIMIA LIVESCENS	0	1	1	
FERISSIA	1	0	0	
ALL GASTROPODA				28

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 2/84

DETROIT RIVER TRANSECT 20 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	0	10	3	90
ALL CNIDARIA				90
RHABDOCOELA	0	4	0	28
TRICLADIDA	0	0	3	21
NEMERTINEA	0	0	1	7
NEMATODA	8	26	20	372
OLIGOCHAETA				
NAIS	8	1	2	
SPIROSPERMA	2	0	0	
STYLARIA	1	1	0	
OTHER	227	16	5	
ALL OLIGOCHAETA				1811
COPEPODA				
CYCLOPS BICUSPIDATUS	9	0	0	
DIAPTOMUS	7	4	3	
LIMNOCALANUS	0	1	0	
ALL COPEPODA				165

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 2/84

TRANSECT 20 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
AMPHIPODA				
GAMMARUS	0	3	5	
HYALELLA AZTECA	0	6	9	
ALL AMPHIPODA				158
DIPTERA				
CHIRONOMIDAE	0	13	32	310
EMPIDIDAE	0	1	0	
ALL DIPTERA				317
TRICHOPTERA				
HYDROPSYCHIDAE				
HYDROPSYCHE	1	0	0	
HYDROPTILIDAE				
HYDROPTILA	0	1	0	
POLYCENTROPODIDAE				
NEURECLIPSIS	0	0	2	
ALL TRICHOPTERA				28
ODONATA				
COENAGRIONIDAE	0	0	2	14
ACARINA	0	3	2	34
GASTROPODA				
AMNICOLA	1	0	0	
ELIMIA LIVESCENS	1	0	0	
FERISSIA	0	0	3	
PHYSA	0	1	0	
ALL GASTROPODA				41

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 2/84

DETROIT RIVER TRANSECT 20 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	1	0	0	7
TRICLADIDA	1	0	0	7
NEMERTINEA	1	0	2	21
NEMATODA	73	469	97	4401
OLIGOCHAETA				
SPIROSPERMA	4	3	2	
OTHER	94	51	29	
ALL OLIGOCHAETA				1260
POLYCHAETA				
MANAYUNKIA SPECIOSA	1	0	1	14
ALL POLYCHAETA				14
CLADOCERA				
DAPHNIA	1	0	0	7
ALL CLADOCERA				7
COPEPODA				
CYCLOPS BICUSPIDATUS	3	0	2	
DIAPTOMUS	15	0	8	
LIMNOCALANUS	1	0	0	
ALL COPEPODA				200

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 2/84

TRANSECT 20 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
AMPHIPODA				
GAMMARUS	1	0	0	7
ALL AMPHIPODA				7
TERRESTRIAL INSECT	1	0	0	7
DIPTERA				
CHIRONOMIDAE	1	8	1	69
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	0	0	1	
ALL TRICHOPTERA				7
ACARINA	0	0	1	7
GASTROPODA				
ELIMIA LIVESCENS	2	2	3	48
ALL GASTROPODA				48

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 2/84

DETROIT RIVER TRANSECT 20 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	0	10	2	83
ALL CNIDARIA				83
NEMERTINEA	18	52	1	489
NEMATODA	91	69	160	2204
OLIGOCHAETA				
SPIROSPERMA	15	8	8	
STYLARIA	1	0	0	
OTHER	129	31	40	
ALL OLIGOCHAETA				1598
POLYCHAETA				
MANAYUNKIA SPECIOSA	1	0	24	172
ALL POLYCHAETA				172
COPEPODA				
CYCLOPS BICUSPIDATUS	9	1	0	
DIAPTOMUS	10	5	1	
HARPACTICOIDA	0	0	16	
LIMNOCALANUS	20	0	1	
ALL COPEPODA				434
AMPHIPODA				
GAMMARUS	0	0	1	7
ALL AMPHIPODA				7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 2/84

TRANSECT 20 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
DIPTERA				
CHIRONOMIDAE	0	2	2	28
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	0	3	2	
BAETISCIDAE				
BAETISCA	0	0	3	
ALL EPHEMEROPTERA				55
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	0	1	2	
HYDROPSYCHE	0	0	2	
ALL TRICHOPTERA				34
ACARINA	0	0	1	7
GASTROPODA				
ELIMIA LIVESCENS	3	0	2	34
ALL GASTROPODA				34

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 2/84

DETROIT RIVER TRANSECT 21 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	9	0	1	69
ALL CNIDARIA				69
RHABDOCOELA	22	39	24	585
TRICLADIDA	4	6	0	69
NEMERTINEA	1	19	2	152
NEMATODA	67	192	145	2782
OLIGOCHAETA				
NAIS	0	16	0	
SPIROSPERMA	4	24	10	
OTHER	669	1180	916	
ALL OLIGOCHAETA				19413
POLYCHAETA				
MANAYUNKIA SPECIOSA	16	16	0	220
ALL POLYCHAETA				220
COPEPODA				
CYCLOPS BICUSPIDATUS	1	2	0	
DIAPTOMUS	0	16	0	
LIMNOCALANUS	0	2	0	
ALL COPEPODA				145

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 2/84

TRANSECT 21 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
OSTRACODA	1	0	0	7
DIPTERA				
CERATOPOGONIDAE	5	0	1	
CHIRONOMIDAE	11	6	2	131
ALL DIPTERA				172
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	0	3	0	
HYDROPSYCHE	1	4	0	
HYDROPTILIDAE				
HYDROPTILA	0	1	0	
POLYCENTROPODIDAE				
NEURECLIPSIS	1	1	0	
ALL TRICHOPTERA				76
ACARINA	5	1	1	48
GASTROPODA				
AMNICOLA	13	12	8	
ELIMIA LIVESCENS	0	1	0	
FERISSIA	3	2	0	
GYRAULUS	0	1	0	
PHYSA	0	1	0	
ALL GASTROPODA				282

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 2/84

TRANSECT 21 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	31	40	16	599
ALL PELECYPODA				599

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 2/84

DETROIT RIVER TRANSECT 21 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	0	10	0	69
ALL CNIDARIA				69
RHABDOCOELA	2	18	0	138
TRICLADIDA	0	5	0	34
NEMERTINEA	47	2	1	344
NEMATODA	56	29	16	696
OLIGOCHAETA				
NAIS	0	4	0	
SPIROSPERMA	15	8	2	
STYLARIA	0	1	0	
OTHER	433	66	894	
ALL OLIGOCHAETA				9800
POLYCHAETA				
MANAYUNKIA SPECIOSA	251	0	0	1729
ALL POLYCHAETA				1729

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 2/84

TRANSECT 21 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
CYCLOPS BICUSPIDATUS	9	2	0	
CYCLOPS VERNALIS	6	1	0	
DIAPTOMUS	9	3	24	
HARPACTICOIDA	0	3	0	
LIMNOCALANUS	5	0	1	
ALL COPEPODA				434
AMPHIPODA				
GAMMARUS	0	5	0	
HYALELLA AZTECA	0	9	0	
ALL AMPHIPODA				96
DIPTERA				
CHIRONOMIDAE	0	38	1	269
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	2	0	0	
ALL EPHEMEROPTERA				14
LEPIDOPTERA	0	1	0	7
TRICHOPTERA				
HYDROPTILIDAE				
HYDROPTILA	0	1	0	
ALL TRICHOPTERA				7
ODONATA				
COENAGRIONIDAE	0	1	0	7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 2/84

TRANSECT 21 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
ACARINA	1	4	0	34
GASTROPODA				
AMNICOLA	1	2	2	
ELIMIA LIVESCENS	1	2	2	
FERISSIA	0	8	0	
PLEUROCERA ACUTA	0	0	1	
ALL GASTROPODA				131
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	2	4	0	41
ALL PELECYPODA				41

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 2/84

DETROIT RIVER TRANSECT 21 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	10	3	7	138
ALL CNIDARIA				138
TRICLADIDA	5	0	2	48
NEMERTINEA	1	3	8	83
NEMATODA	52	30	91	1191
OLIGOCHAETA				
SPIROSPERMA	1	1	3	
OTHER	22	14	7	
ALL OLIGOCHAETA				331
POLYCHAETA				
MANAYUNKIA SPECIOSA	36	2	2	275
ALL POLYCHAETA				275
CLADOCERA				
DAPHNIA	0	0	1	7
ALL CLADOCERA				7
COPEPODA				
CYCLOPS BICUSPIDATUS	2	0	0	
DIAPTOMUS	11	10	10	
LIMNOCALANUS	3	1	4	
ALL COPEPODA				282

MACROZOOBENTHOS PONAR GRAB COUNT DATA 5/ 2/84

TRANSECT 21 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
AMPHIPODA				
GAMMARUS	0	1	1	14
ALL AMPHIPODA				14
DIPTERA				
CHIRONOMIDAE	8	1	6	103
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	0	2	0	
BAETISCIDAE				
BAETISCA	3	3	3	
ALL EPHEMEROPTERA				76
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	19	3	3	
HYDROPSYCHE	16	0	8	
HYDROPTILIDAE				
HYDROPTILA	0	0	2	
POLYCENTROPODIDAE				
NEURECLIPSIS	1	0	2	
ALL TRICHOPTERA				372
GASTROPODA				
AMNICOLA	0	0	1	
ELIMIA LIVESCENS	5	1	9	
PHYSA	0	0	1	
ALL GASTROPODA				117

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/16/84

ST. CLAIR RIVER TRANSECT 1 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
NEMATODA	0	1	0	7
OLIGOCHAETA	2	2	2	41
CLADOCERA				
BOSMINA	8	4	5	
DAPHNIA	51	24	29	
HOLOPEDIUM	25	12	11	
LEPTODORA KINDTII	0	0	1	
ALL CLADOCERA				1171
COPEPODA				
CYCLOPS BICUSPIDATUS	2	2	0	
DIAPTOMUS	4	7	16	
ALL COPEPODA				213
OSTRACODA	0	0	1	7
TERRESTRIAL INSECT	1	0	2	21
DIPTERA				
CHIRONOMIDAE	8	7	22	255

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/16/84

ST. CLAIR RIVER TRANSECT 1 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	0	2	0	14
ALL CNIDARIA				14
OLIGOCHAETA				
STYLARIA	0	1	0	7
ALL OLIGOCHAETA				7
CLADOCERA				
BOSMINA	3	0	4	
DAPHNIA	53	44	33	
HOLOPEDIUM	13	10	17	
ALL CLADOCERA				1219
COPEPODA				
CYCLOPS BICUSPIDATUS	2	1	4	
DIAPTOMUS	9	4	10	
EPISHURA LACUSTRIS	0	1	1	
MESOCYCLOPS	1	0	0	
ALL COPEPODA				227
AMPHIPODA				
GAMMARUS	0	1	0	7
ALL AMPHIPODA				7
TERRESTRIAL INSECT	0	2	0	14
DIPTERA				
CHIRONOMIDAE	8	9	18	241

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/16/84

ST. CLAIR RIVER TRANSECT 1 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CLADOCERA				
BOSMINA	1	2	0	
DAPHNIA	27	37	45	
HOLOPEDIUM	9	7	8	
ALL CLADOCERA				937
COPEPODA				
CYCLOPS BICUSPIDATUS	0	0	1	
DIAPTOMUS	3	14	4	
ALL COPEPODA				152
TERRESTRIAL INSECT	0	1	3	28
DIPTERA				
CHIRONOMIDAE	21	13	14	331
PELECYPODA				
SPHAERIIDAE				
SPHAERIUM	1	0	0	7
ALL PELECYPODA				7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/16/84

ST. CLAIR RIVER TRANSECT 2 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	1458	978	498	20205
ALL CNIDARIA				20205
RHABDOCOELA	36	0	15	351
TRICLADIDA	3	2	2	48
NEMERTINEA	0	1	4	34
NEMATODA	17	0	35	358
HIRUDINEA				
ERPOBDELLIDAE	1	0	2	
PISCICOLIDAE				
PISCICOLA	0	0	2	
ALL HIRUDINEA				34
OLIGOCHAETA				
NAIS	594	65	508	
SPIROSPERMA	263	35	228	
STYLARIA	36	1	0	
OTHER	1669	1329	929	
ALL OLIGOCHAETA				38958

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/16/84

TRANSECT 2 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CLADOCERA				
DAPHNIA	32	35	1	
HOLOPEDIUM	0	4	3	
SIDA CRYSTALLINA	0	1	0	
ALL CLADOCERA				523
COPEPODA				
DIAPTOMUS	0	16	8	
EPISHURA LACUSTRIS	0	8	0	
HARPACTICOIDA	16	8	0	
ALL COPEPODA				386
OSTRACODA	3	29	10	289
AMPHIPODA				
GAMMARUS	22	28	22	
HYALELLA AZTECA	1	10	3	
ALL AMPHIPODA				592
TERRESTRIAL INSECT	5	3	0	55
DIPTERA				
CERATOPOGONIDAE	0	0	2	
CHIRONOMIDAE	131	166	142	3023
EMPIDIDAE	0	0	2	
ALL DIPTERA				3051

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/16/84

TRANSECT 2 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
CAENIDAE				
CAENIS	3	24	4	
EPHEMERIDAE				
HEXAGENIA	0	0	1	
ALL EPHEMEROPTERA				220
COLEOPTERA				
ELMIDAE				
DUBIRAPHIA	12	6	11	
ALL COLEOPTERA				200
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	9	9	5	
HYDROPSYCHE	2	10	1	
PHRYGANEIDAE				
PHRYGANEA	0	0	1	
POLYCENTROPODIDAE				
NEURECLIPSIS	20	9	17	
ALL TRICHOPTERA				572
PLECOPTERA	1	1	0	14
ACARINA	1	10	5	110
GASTROPODA				
AMNICOLA	154	72	105	
FERISSIA	2	0	0	
GYRAULUS	0	0	1	
PHYSA	65	87	67	
ALL GASTROPODA				3808

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/16/84

TRANSECT 2 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	21	5	13	269
ALL PELECYPODA				269

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/16/84

ST. CLAIR RIVER TRANSECT 2 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
FISH				
ICHTHYOMYZON FOSSOR	0	2	0	14
ALL FISH				14
CNIDARIA				
HYDRA	8585	4947	3923	120207
ALL CNIDARIA				120207
RHABDOCOELA	2	1	1	28
TRICLADIDA	18	9	1	193
NEMERTINEA	48	42	2	634
NEMATODA	1	2	1	28
HIRUDINEA				
ERPOBDELLIDAE	2	1	0	
PISCICOLIDAE				
PISCICOLA	0	1	0	
ALL HIRUDINEA				28

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/16/84

TRANSECT 2 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
OLIGOCHAETA				
NAIS	49	0	0	
SPIROSPERMA	50	50	11	
STYLARIA	16	0	1	
OTHER	1283	839	492	
ALL OLIGOCHAETA				19221
CLADOCERA				
BOSMINA	0	0	8	
DAPHNIA	97	50	57	
HOLOPEDIUM	0	0	41	
ALL CLADOCERA				1742
COPEPODA				
CYCLOPS BICUSPIDATUS	16	0	0	
DIAPTOMUS	16	1	0	
EPISHURA LACUSTRIS	0	32	8	
ALL COPEPODA				503
OSTRACODA	17	19	0	248
AMPHIPODA				
GAMMARUS	69	22	23	
HYALELLA AZTECA	1	0	2	
ALL AMPHIPODA				806
ISOPODA				
ASELLUS	1	0	0	7
ALL ISOPODA				7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/16/84

TRANSECT 2 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TERRESTRIAL INSECT	3	0	0	21
DIPTERA				
CHIRONOMIDAE	51	62	47	1102
EMPIDIDAE	0	0	1	
PSYCHODIDAE	1	1	1	
ALL DIPTERA				1129
EPHEMEROPTERA				
CAENIDAE				
CAENIS	16	1	2	
EPHEMERIDAE				
HEXAGENIA	0	0	2	
HEPTAGENIIDAE				
STENONEMA	1	0	1	
ALL EPHEMEROPTERA				158
COLEOPTERA				
ELMIDAE				
DUBIRAPHIA	1	1	0	
ALL COLEOPTERA				14
TRICHOPTERA				
TRICHOPTERA	0	0	1	
BRACHYCENTRIDAE				
BRACHYCENTRUS	0	0	2	
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	21	2	22	
HYDROPSYCHE	13	1	25	
POLYCENTROPODIDAE				
NEURECLIPSIS	6	1	9	
ALL TRICHOPTERA				709

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/16/84

TRANSECT 2 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
ACARINA	0	0	4	28
GASTROPODA				
AMNICOLA	20	28	19	
ELIMIA LIVESCENS	1	10	15	
FERISSIA	137	49	46	
GYRAULUS	1	0	0	
PHYSA	36	11	41	
ALL GASTROPODA				2851
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	3	21	17	282
ALL PELECYPODA				282

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/16/84

ST. CLAIR RIVER TRANSECT 2 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	187061	0966	5804	244311
ALL CNIDARIA				244311
RHABDOCOELA	161	1	8	1171
TRICLADIDA	1	7	10	124
NEMERTINEA	495	81	27	4153
NEMATODA	0	0	1	7
OLIGOCHAETA				
SPIROSPERMA	6	16	1	
OTHER	389	36	16	
ALL OLIGOCHAETA				3195
CLADOCERA				
BOSMINA	96	114	17	
DAPHNIA	160	146	49	
HOLOPEDIUM	0	0	16	
ALL CLADOCERA				4118

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/16/84

TRANSECT 2 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
CYCLOPS BICUSPIDATUS	0	1	9	
DIAPTOMUS	192	51	16	
EPISHURA LACUSTRIS	64	0	0	
ALL COPEPODA				2293
AMPHIPODA				
GAMMARUS	3	9	4	
HYALELLA AZTECA	0	2	0	
ALL AMPHIPODA				124
DIPTERA				
CHIRONOMIDAE	13	1	1	103
EMPIDIDAE	3	0	10	
ALL DIPTERA				193
EPHEMEROPTERA				
CAENIDAE				
CAENIS	2	1	1	
EPHEMERIDAE				
HEXAGENIA	2	0	1	
HEPTAGENIIDAE				
STENONEMA	3	14	4	
ALL EPHEMEROPTERA				193
COLEOPTERA				
ELMIDAE				
DUBIRAPHIA	1	2	0	
ALL COLEOPTERA				21
LEPIDOPTERA	1	0	0	7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/16/84

TRANSECT 2 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TRICHOPTERA				
BRACHYCENTRIDAE				
BRACHYCENTRUS	7	1	1	
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	108	172	32	
HYDROPSYCHE	90	60	17	
POLYCENTROPODIDAE				
NEURECLIPSIS	2	2	0	
RHYACOPHILIDAE				
PROTOPTILA	44	23	40	
ALL TRICHOPTERA				4125
ACARINA	0	1	0	7
GASTROPODA				
AMNICOLA	2	5	6	
ELIMIA LIVESCENS	42	51	23	
FERISSIA	1	1	0	
LYMNAEA	2	6	0	
PHYSA	1	1	9	
ALL GASTROPODA				1033
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	3	7	1	
SPHAERIUM	1	1	0	
ALL SPHAERIIDAE				90
ALL PELECYPODA				90

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/16/84

ST. CLAIR RIVER TRANSECT 3 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	427	11	23	3175
ALL CNIDARIA				3175
NEMERTINEA	0	0	1	7
NEMATODA	0	0	2	14
OLIGOCHAETA				
NAIS	1	0	0	
OTHER	3	18	4	
ALL OLIGOCHAETA				179
CLADOCERA				
BOSMINA	6	14	1	
DAPHNIA	7	13	10	
HOLOPEDIUM	4	13	3	
ALL CLADOCERA				489
COPEPODA				
CYCLOPS BICUSPIDATUS	4	5	0	
DIAPTOMUS	14	13	5	
EPISHURA LACUSTRIS	1	1	1	
ALL COPEPODA				303
AMPHIPODA				
GAMMARUS	1	0	0	7
ALL AMPHIPODA				7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/16/84

TRANSECT 3 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
DIPTERA				
CHIRONOMIDAE	6	38	28	496
EMPIDIDAE	1	0	2	
ALL DIPTERA				516
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	1	0	0	
HYDROPSYCHE	14	1	2	
LEPTOCERIDAE				
CERACLEA	0	1	0	
ALL TRICHOPTERA				131
PLECOPTERA				
ISOGENOIDES	0	0	1	7
ALL PLECOPTERA				7
ACARINA	1	0	1	14
GASTROPODA				
AMNICOLA	1	0	0	
PHYSA	0	1	0	
ALL GASTROPODA				14

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/16/84

ST. CLAIR RIVER TRANSECT 3 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	231	61	14	2107
ALL CNIDARIA				2107
NEMERTINEA	3	1	0	28
NEMATODA	2	1	0	21
OLIGOCHAETA				
STYLARIA	2	0	0	
OTHER	4	9	1	
ALL OLIGOCHAETA				110
POLYCHAETA				
MANAYUNKIA SPECIOSA	1	0	0	7
ALL POLYCHAETA				7
CLADOCERA				
BOSMINA	7	7	7	
DAPHNIA	12	7	1	
HOLOPEDIUM	1	3	2	
ALL CLADOCERA				324
COPEPODA				
CYCLOPS BICUSPIDATUS	7	0	2	
DIAPTOMUS	16	13	6	
EPISHURA LACUSTRIS	0	1	0	
ALL COPEPODA				310

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/16/84

TRANSECT 3 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TERRESTRIAL INSECT	1	0	0	7
DIPTERA				
CHIRONOMIDAE	18	44	35	668
EMPIDIDAE	0	1	1	
ALL DIPTERA				682
EPHEMEROPTERA				
HEPTAGENIIDAE				
STENONEMA	1	0	0	
ALL EPHEMEROPTERA				7
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	1	0	0	
HYDROPSYCHE	3	0	0	
LEPTOCERIDAE				
CERACLEA	0	0	3	
ALL TRICHOPTERA				48
PLECOPTERA				
ISOGENOIDES	0	2	0	14
ALL PLECOPTERA				14
ACARINA	1	0	0	7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/16/84

ST. CLAIR RIVER TRANSECT 3 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	11	34	24	475
ALL CNIDARIA				475
NEMERTINEA	0	0	2	14
NEMATODA	2	0	1	21
OLIGOCHAETA				
SPIROSPERMA	0	0	1	
STYLARIA	0	1	0	
OTHER	2	5	13	
ALL OLIGOCHAETA				152
POLYCHAETA				
MANAYUNKIA SPECIOSA	0	1	0	7
ALL POLYCHAETA				7
CLADOCERA				
BOSMINA	4	6	8	
DAPHNIA	6	11	11	
HOLOPEDIUM	6	4	6	
ALL CLADOCERA				427

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/16/84

TRANSECT 3 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
CYCLOPS BICUSPIDATUS	0	4	0	
DIAPTOMUS	7	9	16	
EPISHURA LACUSTRIS	0	2	1	
MESOCYCLOPS	0	0	1	
ALL COPEPODA				275
AMPHIPODA				
GAMMARUS	0	1	0	7
ALL AMPHIPODA				7
DIPTERA				
CHIRONOMIDAE	53	23	109	1274
EMPIDIDAE	0	2	0	
ALL DIPTERA				1288
EPHEMEROPTERA				
CAENIDAE				
CAENIS	0	1	0	
EPHEMERIDAE				
HEXAGENIA	0	1	0	
ALL EPHEMEROPTERA				14
TRICHOPTERA				
HYDROPSYCHIDAE				
HYDROPSYCHE	0	1	0	
LEPTOCERIDAE				
CERACLEA	1	0	1	
ALL TRICHOPTERA				21
GASTROPODA				
AMNICOLA	0	8	0	
PHYSA	0	1	0	
ALL GASTROPODA				62

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/16/84

TRANSECT 3 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	0	10	0	69
ALL PELECYPODA				69

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

ST. CLAIR RIVER TRANSECT 4 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	229	329	848	9683
ALL CNIDARIA				9683
RHABDOCOELA	1	3	1	34
TRICLADIDA	2	1	6	62
NEMERTINEA	26	21	93	964
NEMATODA	25	114	2	971
HIRUDINEA				
ERPOBDELLIDAE	0	0	1	7
OLIGOCHAETA				
NAIS	555	170	562	
SPIROSPERMA	202	198	142	
STYLARIA	82	72	360	
OTHER	284	175	452	
ALL OLIGOCHAETA				22409

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 4 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CLADOCERA				
BOSMINA	0	33	3	
CAMPTOCERCUS	1	0	0	
HOLOPEDIUM	16	0	0	
ALL CLADOCERA				365
COPEPODA				
DIAPTOMUS	0	16	0	
HARPACTICOIDA	0	0	18	
ALL COPEPODA				234
OSTRACODA	29	39	19	599
AMPHIPODA				
GAMMARUS	301	252	480	
HYALELLA AZTECA	6	10	14	
ALL AMPHIPODA				7321
DIPTERA				
CHIRONOMIDAE	255	207	169	4345
EMPIDIDAE	2	0	0	
ALL DIPTERA				4359
EPHEMEROPTERA				
CAENIDAE				
CAENIS	61	97	43	
EPHEMERIDAE				
HEXAGENIA	80	184	104	
HEPTAGENIIDAE				
STENONEMA	1	0	2	
ALL EPHEMEROPTERA				3939

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 4 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	1	0	2	
LEPTOCERIDAE				
CERACLEA	0	0	1	
MYSTACIDES	0	16	0	
ALL TRICHOPTERA				138
ACARINA	10	33	1	303
GASTROPODA				
AMNICOLA	65	41	56	
ELIMIA LIVESCENS	61	39	46	
GYRAULUS	1	16	31	
LYMNAEA	0	2	0	
PHYSA	37	19	3	
VALVATA SINCERA	0	1	0	
VALVATA TRICARINATA	40	29	33	
ALL GASTROPODA				3581
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	92	60	56	1432
ALL PELECYPODA				1432

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

ST. CLAIR RIVER TRANSECT 4 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
FISH				
ICHTHYOMYZON FOSSOR	0	0	1	7
ALL FISH				7
CNIDARIA				
HYDRA	3294	3075	2418	60513
ALL CNIDARIA				60513
RHABDOCOELA	0	0	1	7
TRICLADIDA	2	0	0	14
NEMERTINEA	16	9	8	227
NEMATODA	20	5	10	241
HIRUDINEA				
ERPOBDELLIDAE	1	0	0	
GLOSSIPHONIIDAE				
ACTINOBDELLA INEQUIANNULATA	0	1	0	
ALL HIRUDINEA				14

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 4 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
OLIGOCHAETA				
NAIS	48	0	0	
SPIROSPERMA	32	10	2	
STYLARIA	16	0	0	
OTHER	275	55	135	
ALL OLIGOCHAETA				3946
CLADOCERA				
BOSMINA	1	16	25	
DAPHNIA	16	1	24	
HOLOPEDIUM	0	1	0	
ALL CLADOCERA				578
COPEPODA				
DIAPTOMUS	16	0	0	
HARPACTICOIDA	1	0	0	
ALL COPEPODA				117
OSTRACODA	1	0	0	7
AMPHIPODA				
GAMMARUS	19	5	5	200
ALL AMPHIPODA				200
TERRESTRIAL INSECT	1	0	0	7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 4 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
DIPTERA				
CHIRONOMIDAE	236	19	35	1997
EMPIDIDAE	1	0	8	
ALL DIPTERA				2059
EPHEMEROPTERA				
CAENIDAE				
CAENIS	1	0	0	
EPHEMERIDAE				
HEXAGENIA	1	1	0	
ALL EPHEMEROPTERA				21
TRICHOPTERA				
HYDROPSYCHIDAE				
HYDROPSYCHE	1	0	0	
POLYCENTROPODIDAE				
PHYLOCENTROPUS	1	0	0	
ALL TRICHOPTERA				14
ODONATA				
GOMPHIDAE				
GOMPHUS	1	0	1	14
ALL ODONATA				14
ACARINA	4	1	0	34

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 4 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
GASTROPODA				
AMNICOLA	36	50	43	
ELIMIA LIVESCENS	2	12	0	
GYRAULUS	1	0	1	
LYMNAEA	0	0	1	
PHYSA	6	6	6	
VALVATA TRICARINATA	1	3	1	
ALL GASTROPODA				1164
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	80	15	24	820
UNIONIDAE	0	0	1	
ALL PELECYPODA				826

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

ST. CLAIR RIVER TRANSECT 4 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	550	1939	5312	53723
ALL CNIDARIA				53723
RHABDOCOELA	0	0	1	7
TRICLADIDA	0	1	0	7
NEMERTINEA	0	19	17	248
NEMATODA	5	45	10	413
OLIGOCHAETA				
STYLARIA	0	8	1	
OTHER	50	2	165	
ALL OLIGOCHAETA				1556
CLADOCERA				
BOSMINA	2	8	24	
DAPHNIA	1	16	8	
HOLOPEDIUM	5	0	0	
ALL CLADOCERA				441
COPEPODA				
CYCLOPS BICUSPIDATUS	0	0	16	
MESOCYCLOPS	0	0	8	
ALL COPEPODA				165

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 4 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
AMPHIPODA				
GAMMARUS	1	4	9	96
ALL AMPHIPODA				96
DIPTERA				
CHIRONOMIDAE	7	3	17	186
EMPIDIDAE	0	1	0	
ALL DIPTERA				193
EPHEMEROPTERA				
CAENIDAE				
CAENIS	0	1	0	
BAETISCIDAE				
BAETISCA	0	1	1	
HEPTAGENIIDAE				
STENONEMA	0	2	0	
ALL EPHEMEROPTERA				34
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	2	1	5	
HYDROPSYCHE	8	2	14	
LEPTOCERIDAE				
CERACLEA	0	0	1	
RHYACOPHILIDAE				
PROTOPTILA	0	1	0	
ALL TRICHOPTERA				234
ACARINA	0	12	1	90

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 4 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
GASTROPODA				
AMNICOLA	1	1	11	
ELIMIA LIVESCENS	3	18	22	
FERISSIA	0	1	0	
LYMNAEA	0	2	0	
PHYSA	2	0	0	
ALL GASTROPODA				420
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	1	2	11	96
ALL PELECYPODA				96

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

ST. CLAIR RIVER TRANSECT 5 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	9633	9041	3578	153242
ALL CNIDARIA				153242
RHABDOCOELA	3	2	2	48
TRICLADIDA	6	23	5	234
NEMERTINEA	17	7	6	207
NEMATODA	0	16	17	227
BRYOZOA	+	0	0	+
HIRUDINEA				
ERPOBDELLIDAE				
ERPOBDELLA PUNCTATA	0	2	0	
OTHER	1	0	0	
PISCICOLIDAE	4	0	0	
ALL HIRUDINEA				48

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 5 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
OLIGOCHAETA				
NAIS	326	215	321	
SPIROSPERMA	16	18	28	
STYLARIA	354	389	502	
OTHER	2237	519	392	
ALL OLIGOCHAETA				36616
CLADOCERA				
BOSMINA	32	3	1	
DAPHNIA	0	0	1	
HOLOPEDIUM	16	0	1	
ILYOCRYPTUS	0	0	1	
ALL CLADOCERA				379
COPEPODA				
DIAPTOMUS	16	0	0	110
ALL COPEPODA				110
OSTRACODA	0	1	0	7
AMPHIPODA				
GAMMARUS	344	492	282	
HYALELLA AZTECA	3	1	5	
ALL AMPHIPODA				7761
DIPTERA				
CHIRONOMIDAE	175	316	203	4779

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 5 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
CAENIDAE				
CAENIS	37	41	30	
EPHEMERIDAE				
HEXAGENIA	55	114	108	
EPHEMERELLIDAE				
EPHEMERELLA	1	0	0	
BAETISCIDAE				
BAETISCA	7	2	14	
HEPTAGENIIDAE				
STENONEMA	6	4	3	
ALL EPHEMEROPTERA				2906
COLEOPTERA				
ELMIDAE				
DUBIRAPHIA	1	0	0	
ALL COLEOPTERA				7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 5 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TRICHOPTERA				
BRACHYCENTRIDAE				
BRACHYCENTRUS	2	0	2	
MICRASEMA	1	0	0	
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	21	11	0	
HYDROPSYCHE	31	15	3	
LEPTOCERIDAE				
CERACLEA	0	3	1	
MYSTACIDES	0	2	0	
OECETIS	0	1	1	
SETODES	0	1	0	
TRIAENODES	0	1	0	
POLYCENTROPODIDAE				
NEURECLIPSIS	1	0	0	
POLYCENTROPUS	1	0	0	
ALL TRICHOPTERA				675
ODONATA				
GOMPHIDAE				
GOMPHUS	0	1	1	14
ALL ODONATA				14
ACARINA	21	8	1	207

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 5 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
GASTROPODA				
AMNICOLA	15	17	16	
ELIMIA LIVESCENS	5	16	10	
PHYSA	10	58	6	
VALVATA TRICARINATA	13	44	21	
ALL GASTROPODA				1591
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	49	68	84	1384
UNIONIDAE	0	1	0	
ALL PELECYPODA				1391

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

ST. CLAIR RIVER TRANSECT 5 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	1241	010	672 9495	224347
ALL CNIDARIA				224347
RHABDOCOELA	0	0	1	7
TRICLADIDA	2	0	0	14
NEMERTINEA	0	17	1	124
NEMATODA	51	35	3	613
HIRUDINEA				
PISCICOLIDAE				
PISCICOLA MILNERI	0	1	1	
ALL HIRUDINEA				14
OLIGOCHAETA				
NAIS	99	64	16	
SPIROSPERMA	7	3	49	
STYLARIA	1011	744	683	
OTHER	234	981	294	
ALL OLIGOCHAETA				28821

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 5 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CLADOCERA				
BOSMINA	41	54	19	
DAPHNIA	1	0	5	
EURYCERCUS LAMELLATUS	16	0	0	
HOLOPEDIUM	3	17	5	
ALL CLADOCERA				1109
COPEPODA				
CYCLOPS BICUSPIDATUS	32	1	0	
DIAPTOMUS	16	0	16	
HARPACTICOIDA	1	16	0	
ALL COPEPODA				565
OSTRACODA	17	34	33	578
AMPHIPODA				
GAMMARUS	103	350	20	
HYALELLA AZTECA	8	2	0	
ALL AMPHIPODA				3326
TERRESTRIAL INSECT	1	1	1	21
DIPTERA				
CHIRONOMIDAE	316	558	86	6611

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 5 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
CAENIDAE				
CAENIS	39	72	1	
EPHEMERIDAE				
HEXAGENIA	249	306	89	
HEPTAGENIIDAE				
STENONEMA	6	28	10	
ALL EPHEMEROPTERA				5509
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	4	7	3	
HYDROPSYCHE	23	32	9	
LEPTOCERIDAE				
CERACLEA	1	2	2	
MYSTACIDES	0	2	0	
NECTOPSYCHE	0	0	2	
POLYCENTROPODIDAE				
NEURECLIPSIS	7	0	1	
POLYCENTROPUS	1	0	0	
ALL TRICHOPTERA				661
ODONATA				
GOMPHIDAE				
GOMPHUS	0	1	0	7
ALL ODONATA				7
ACARINA	0	35	5	275

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 5 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
GASTROPODA				
AMNICOLA	29	8	43	
ELIMIA LIVESCENS	11	1	30	
GYRAULUS	1	1	1	
LYMNAEA	0	0	1	
PLEUROCERA ACUTA	0	1	1	
VALVATA SINCERA	0	1	0	
VALVATA TRICARINATA	56	32	21	
ALL GASTROPODA				1639
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	50	55	24	888
ALL PELECYPODA				888

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

ST. CLAIR RIVER TRANSECT 5 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	2260	374	527	21769
ALL CNIDARIA				21769
TRICLADIDA	0	0	1	7
NEMERTINEA	20	8	6	234
NEMATODA	7	1	4	83
OLIGOCHAETA				
NAIS	34	0	0	
STYLARIA	17	0	1	
OTHER	39	24	85	
ALL OLIGOCHAETA				1377
CLADOCERA				
BOSMINA	40	13	8	
DAPHNIA	1	1	5	
EURYCERCUS LAMELLATUS	0	1	0	
HOLOPEDIUM	33	3	14	
ALL CLADOCERA				820

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 5 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
CYCLOPS BICUSPIDATUS	9	3	0	
DIAPTOMUS	8	18	7	
EPISHURA LACUSTRIS	0	3	1	
MESOCYCLOPS	1	0	0	
ALL COPEPODA				344
AMPHIPODA				
GAMMARUS	4	1	0	34
ALL AMPHIPODA				34
DIPTERA				
CHIRONOMIDAE	31	25	100	1074
EPHEMEROPTERA				
CAENIDAE				
CAENIS	0	1	0	
EPHEMERIDAE				
HEXAGENIA	1	0	1	
HEPTAGENIIDAE				
STENONEMA	1	0	0	
ALL EPHEMEROPTERA				28
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	11	4	0	
HYDROPSYCHE	61	10	1	
LEPTOCERIDAE				
CERACLEA	1	1	0	
ALL TRICHOPTERA				613
PLECOPTERA				
ISOGENOIDES	2	0	0	14
ALL PLECOPTERA				14

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 5 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	1	1	0	14
ALL PELECYPODA				14

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

ST. CLAIR RIVER TRANSECT 6 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PORIFERA				
SPONGILLA	0	+	0	+
ALL PORIFERA				0
CNIDARIA				
HYDRA	1177	156	111	9944
ALL CNIDARIA				9944
RHABDOCOELA	0	2	2	28
TRICLADIDA	41	13	23	530
NEMATODA	25	11	9	310
HIRUDINEA				
GLOSSIPHONIIDAE				
HELOBDELLA ELONGATA	2	0	2	
ALL HIRUDINEA				28
OLIGOCHAETA				
NAIS	24	0	0	
SPIROSPERMA	12	15	24	
STYLARIA	123	128	140	
OTHER	37	55	107	
ALL OLIGOCHAETA				4580
CLADOCERA				
DAPHNIA	9	24	0	
HOLOPEDIUM	38	54	0	
ALL CLADOCERA				861

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 6 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
DIAPTOMUS	0	8	0	
EPISHURA LACUSTRIS	0	2	1	
ALL COPEPODA				76
OSTRACODA	43	81	24	1019
AMPHIPODA				
GAMMARUS	227	108	195	3650
ALL AMPHIPODA				3650
ISOPODA				
ASELLUS	1	0	0	7
ALL ISOPODA				7
TERRESTRIAL INSECT	0	2	0	14
DIPTERA				
CHIRONOMIDAE	158	107	146	2830
EMPIDIDAE	1	1	0	
ALL DIPTERA				2844
EPHEMEROPTERA				
CAENIDAE				
CAENIS	39	79	62	
EPHEMERIDAE				
HEXAGENIA	148	149	225	
EPHEMERELLIDAE				
EPHEMERELLA	1	0	0	
ALL EPHEMEROPTERA				4841

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 6 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TRICHOPTERA				
BRACHYCENTRIDAE				
BRACHYCENTRUS	1	0	0	
LEPTOCERIDAE				
CERACLEA	10	2	5	
OECETIS	9	5	7	
SETODES	0	0	4	
POLYCENTROPODIDAE				
POLYCENTROPUS	1	0	0	
ALL TRICHOPTERA				303
ACARINA	0	2	1	21
GASTROPODA				
AMNICOLA	36	22	11	
ELIMIA LIVESCENS	16	22	13	
GYRAULUS	44	19	25	
PHYSA	30	0	8	
ALL GASTROPODA				1694
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	3	1	1	
SPHAERIUM	1	2	3	
ALL SPHAERIIDAE				76
ALL PELECYPODA				76

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

ST. CLAIR RIVER TRANSECT 6 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	707	5091	4625	71780
ALL CNIDARIA				71780
RHABDOCOELA	6	3	7	110
TRICLADIDA	11	1	19	213
NEMERTINEA	2	0	0	14
NEMATODA	32	2	18	358
HIRUDINEA				
GLOSSIPHONIIDAE				
HELOBDELLA ELONGATA	0	1	0	
PISCICOLIDAE				
PISCICOLA	1	0	1	
ALL HIRUDINEA				21
OLIGOCHAETA				
NAIS	0	6	16	
SPIROSPERMA	1	0	1	
STYLARIA	231	97	227	
OTHER	42	88	77	
ALL OLIGOCHAETA				5413

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 6 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CLADOCERA				
BOSMINA	8	34	48	
DAPHNIA	35	34	17	
HOLOPEDIUM	35	1	67	
ALL CLADOCERA				1921
COPEPODA				
DIAPTOMUS	9	0	16	
EPISHURA LACUSTRIS	0	2	3	
MESOCYCLOPS	0	0	1	
ALL COPEPODA				213
OSTRACODA	12	15	12	269
AMPHIPODA				
GAMMARUS	113	31	43	
HYALELLA AZTECA	2	1	7	
ALL AMPHIPODA				1357
ISOPODA				
ASELLUS	1	0	0	7
ALL ISOPODA				7
TERRESTRIAL INSECT	0	0	1	7
DIPTERA				
CERATOPOGONIDAE	3	0	1	
CHIRONOMIDAE	342	161	135	4394
ALL DIPTERA				4421

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 6 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
CAENIDAE				
CAENIS	20	9	6	
EPHEMERIDAE				
HEXAGENIA	244	336	118	
HEPTAGENIIDAE				
STENONEMA	2	0	2	
ALL EPHEMEROPTERA				5075
TRICHOPTERA				
BRACHYCENTRIDAE				
BRACHYCENTRUS	2	1	2	
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	0	0	1	
HYDROPSYCHE	0	8	5	
LEPTOCERIDAE				
CERACLEA	1	2	0	
NECTOPSYCHE	0	0	1	
OECETIS	1	0	0	
TRIAENODES	0	0	1	
POLYCENTROPODIDAE				
NEURECLIPSIS	0	6	6	
POLYCENTROPUS	0	0	2	
ALL TRICHOPTERA				269
ACARINA	1	0	3	28

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 6 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
GASTROPODA				
AMNICOLA	9	21	30	
ELIMIA LIVESCENS	0	1	0	
GYRAULUS	9	3	4	
PHYSA	12	5	18	
VALVATA TRICARINATA	0	0	2	
ALL GASTROPODA				785
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	6	3	1	69
UNIONIDAE	1	0	0	
ALL PELECYPODA				76

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

ST. CLAIR RIVER TRANSECT 6 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	12913	1992	2662	120978
ALL CNIDARIA				120978
RHABDOCOELA	3	0	0	21
NEMERTINEA	0	0	4	28
NEMATODA	0	4	49	365
HIRUDINEA				
GLOSSIPHONIIDAE				
HELOBDELLA ELONGATA	0	0	1	
PISCICOLIDAE				
PISCICOLA	0	1	0	
ALL HIRUDINEA				14
OLIGOCHAETA				
NAIS	56	3	37	
SPIROSPERMA	0	17	1	
STYLARIA	155	97	73	
OTHER	98	72	207	
ALL OLIGOCHAETA				5620
CLADOCERA				
BOSMINA	51	0	16	
DAPHNIA	49	18	1	
HOLOPEDIUM	48	0	0	
ALL CLADOCERA				1260

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 6 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
DIAPTOMUS	0	0	1	
LIMNOCALANUS	0	0	1	
MESOCYCLOPS	1	0	0	
ALL COPEPODA				21
OSTRACODA	7	1	12	138
AMPHIPODA				
GAMMARUS	67	14	16	
HYALELLA AZTECA	2	0	2	
ALL AMPHIPODA				696
TERRESTRIAL INSECT	1	1	0	14
DIPTERA				
CERATOPOGONIDAE	0	0	1	
CHIRONOMIDAE	96	124	153	2569
EMPIDIDAE	0	0	2	
ALL DIPTERA				2589
EPHEMEROPTERA				
CAENIDAE				
CAENIS	10	2	4	
EPHEMERIDAE				
HEXAGENIA	253	316	408	
HEPTAGENIIDAE				
STENONEMA	0	0	1	
ALL EPHEMEROPTERA				6845

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 6 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TRICHOPTERA				
BRACHYCENTRIDAE				
BRACHYCENTRUS	0	1	0	
MICRASEMA	2	0	0	
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	1	1	1	
HYDROPSYCHE	5	3	3	
LEPTOCERIDAE				
CERACLEA	16	0	0	
MYSTACIDES	1	0	0	
OECETIS	0	2	0	
SETODES	0	2	0	
POLYCENTROPODIDAE				
NEURECLIPSIS	0	1	3	
ALL TRICHOPTERA				289
ACARINA	0	1	2	21
GASTROPODA				
AMNICOLA	8	9	12	
ELIMIA LIVESCENS	3	1	2	
GYRAULUS	2	0	0	
PHYSA	1	0	0	
ALL GASTROPODA				262
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	2	7	1	69
ALL PELECYPODA				69

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

ST. CLAIR RIVER TRANSECT 7 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	4615	5274	4220	97164
ALL CNIDARIA				97164
RHABDOCOELA	2	2	0	28
TRICLADIDA	34	16	6	386
NEMERTINEA	1	1	0	14
NEMATODA	2	0	1	21
HIRUDINEA				
GLOSSIPHONIIDAE				
BATRACOBDELLA PHALERA	1	0	0	
PISCICOLIDAE				
PISCICOLA MILNERI	1	0	1	
OTHER	0	0	1	
ALL HIRUDINEA				28
OLIGOCHAETA				
NAIS	149	112	65	
SPIROSPERMA	93	56	2	
STYLARIA	353	307	375	
OTHER	1310	1286	844	
ALL OLIGOCHAETA				34103

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 7 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CLADOCERA				
BOSMINA	21	1	6	
DAPHNIA	0	16	1	
HOLOPEDIUM	18	16	17	
ALL CLADOCERA				661
COPEPODA				
DIAPTOMUS	2	0	16	
EPISHURA LACUSTRIS	1	0	0	
PARACYCLOPS	0	0	16	
ALL COPEPODA				241
OSTRACODA	0	2	0	14
AMPHIPODA				
GAMMARUS	428	162	109	
HYALELLA AZTECA	15	5	7	
ALL AMPHIPODA				5000
TERRESTRIAL INSECT	0	1	0	7
DIPTERA				
CHIRONOMIDAE	274	125	115	3540

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 7 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
CAENIDAE				
CAENIS	30	1	3	
EPHEMERIDAE				
HEXAGENIA	44	23	8	
BAETISCIDAE				
BAETISCA	0	0	1	
HEPTAGENIIDAE				
STENONEMA	0	0	1	
ALL EPHEMEROPTERA				764
TRICHOPTERA				
BRACHYCENTRIDAE				
BRACHYCENTRUS	8	1	3	
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	1	3	9	
HYDROPSYCHE	6	5	8	
LEPTOCERIDAE				
CERACLEA	1	5	0	
POLYCENTROPODIDAE				
NEURECLIPSIS	3	0	3	
ALL TRICHOPTERA				386
ACARINA	1	1	5	48
GASTROPODA				
AMNICOLA	110	41	9	
ELIMIA LIVESCENS	12	17	6	
GYRAULUS	25	11	1	
PHYSA	18	33	19	
VALVATA TRICARINATA	0	3	0	
ALL GASTROPODA				2100

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 7 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	40	18	17	
SPHAERIUM	2	1	0	
ALL SPHAERIIDAE				537
ALL PELECYPODA				537

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

ST. CLAIR RIVER TRANSECT 7 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	12376	6668	6377	175066
ALL CNIDARIA				175066
RHABDOCOELA	1	1	0	14
TRICLADIDA	1	1	0	14
NEMERTINEA	17	1	33	351
NEMATODA	1	18	35	372
OLIGOCHAETA				
NAIS	102	32	49	
SPIROSPERMA	21	31	26	
STYLARIA	138	64	146	
OTHER	1952	909	1008	
ALL OLIGOCHAETA				30838
CLADOCERA				
BOSMINA	16	18	0	
DAPHNIA	17	0	1	
HOLOPEDIUM	0	17	0	
ALL CLADOCERA				475

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 7 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
DIAPTOMUS	0	1	16	117
ALL COPEPODA				117
OSTRACODA	1	0	0	7
AMPHIPODA				
GAMMARUS	117	88	76	
HYALELLA AZTECA	7	1	5	
ALL AMPHIPODA				2025
DIPTERA				
CHIRONOMIDAE	197	158	39	2713
EMPIDIDAE	1	1	0	
ALL DIPTERA				2727
EPHEMEROPTERA				
CAENIDAE				
CAENIS	11	5	6	
EPHEMERIDAE				
HEXAGENIA	67	37	17	
BAETISCIDAE				
BAETISCA	4	0	0	
HEPTAGENIIDAE				
STENONEMA	1	0	1	
ALL EPHEMEROPTERA				1026

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 7 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TRICHOPTERA				
BRACHYCENTRIDAE				
BRACHYCENTRUS	2	0	2	
MICRASEMA	0	1	0	
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	3	5	2	
HYDROPSYCHE	9	5	10	
LEPTOCERIDAE				
CERACLEA	3	2	0	
MYSTACIDES	2	0	0	
OECETIS	0	1	1	
POLYCENTROPODIDAE				
NEURECLIPSIS	8	2	2	
ALL TRICHOPTERA				413
ACARINA	2	0	0	14
GASTROPODA				
AMNICOLA	46	24	11	
ELIMIA LIVESCENS	8	4	0	
GYRAULUS	19	1	3	
PHYSA	5	18	4	
ALL GASTROPODA				985
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	65	22	35	
SPHAERIUM	1	4	1	
ALL SPHAERIIDAE				881
ALL PELECYPODA				881

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

ST. CLAIR RIVER TRANSECT 7 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	6352	8586	4997	137286
ALL CNIDARIA				137286
RHABDOCOELA	0	1	1	14
TRICLADIDA	0	0	1	7
NEMERTINEA	1	1	2	28
NEMATODA	51	73	166	1997
OLIGOCHAETA				
NAIS	0	0	17	
SPIROSPERMA	0	21	0	
STYLARIA	81	64	50	
OTHER	571	730	691	
ALL OLIGOCHAETA				15323
CLADOCERA				
BOSMINA	17	34	32	
DAPHNIA	1	48	2	
HOLOPEDIUM	0	34	16	
ALL CLADOCERA				1267

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 7 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
DIAPTOMUS	16	0	1	117
ALL COPEPODA				117
AMPHIPODA				
GAMMARUS	47	91	35	
HYALELLA AZTECA	2	1	1	
ALL AMPHIPODA				1219
DIPTERA				
CHIRONOMIDAE	10	24	13	324
EMPIDIDAE	2	0	3	
ALL DIPTERA				358
EPHEMEROPTERA				
CAENIDAE				
CAENIS	43	2	28	
EPHEMERIDAE				
HEXAGENIA	13	20	11	
BAETISCIDAE				
BAETISCA	8	1	10	
HEPTAGENIIDAE				
STENONEMA	2	8	17	
AMETROPIDAE				
TRICHORYTHODES	1	0	0	
ALL EPHEMEROPTERA				1129

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 7 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TRICHOPTERA				
BRACHYCENTRIDAE				
BRACHYCENTRUS	7	5	9	
MICRASEMA	2	0	1	
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	23	9	21	
HYDROPSYCHE	21	17	31	
LEPTOCERIDAE				
CERACLEA	1	4	4	
MYSTACIDES	0	3	2	
OECETIS	0	0	2	
SETODES	0	1	0	
POLYCENTROPODIDAE				
NEURECLIPSIS	12	10	10	
ALL TRICHOPTERA				1343
ACARINA	2	4	4	69
GASTROPODA				
AMNICOLA	1	3	17	
ELIMIA LIVESCENS	0	1	1	
PHYSA	1	3	1	
ALL GASTROPODA				193
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	2	0	0	
SPHAERIUM	0	1	0	
ALL SPHAERIIDAE				21
ALL PELECYPODA				21

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

ST. CLAIR RIVER TRANSECT 8 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PORIFERA				
SPONGILLA	+	0	0	+
ALL PORIFERA				0
CNIDARIA				
HYDRA	53	24	61	950
ALL CNIDARIA				950
TRICLADIDA	5	5	0	69
NEMERTINEA	0	3	0	21
NEMATODA	86	116	68	1859
HIRUDINEA				
ERPOBDELLIDAE	1	0	2	
GLOSSIPHONIIDAE				
GLOSSIPHONIA COMPLANATA	1	0	0	
ALL HIRUDINEA				28
OLIGOCHAETA				
NAIS	24	32	33	
SPIROSPERMA	265	182	219	
STYLARIA	23	0	0	
OTHER	109	75	77	
ALL OLIGOCHAETA				7155

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 8 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
POLYCHAETA				
MANAYUNKIA SPECIOSA	893	1193	961	20984
ALL POLYCHAETA				20984
CLADOCERA				
BOSMINA	0	0	2	
DAPHNIA	1	1	3	
HOLOPEDIUM	5	2	0	
ALL CLADOCERA				96
COPEPODA				
EPISHURA LACUSTRIS	0	0	1	
MACROCYCLOPS	0	16	0	
ALL COPEPODA				117
AMPHIPODA				
GAMMARUS	196	113	148	
HYALELLA AZTECA	4	0	3	
ALL AMPHIPODA				3195
ISOPODA				
ASELLUS	3	0	3	41
ALL ISOPODA				41
DIPTERA				
CERATOPOGONIDAE	0	0	1	
CHIRONOMIDAE	196	102	188	3347
ALL DIPTERA				3354

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 8 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
CAENIDAE				
CAENIS	157	54	121	
EPHEMERIDAE				
HEXAGENIA	76	17	70	
HEPTAGENIIDAE				
STENONEMA	0	3	1	
ALL EPHEMEROPTERA				3436
COLEOPTERA				
ELMIDAE				
DUBIRAPHIA	0	0	1	
ALL COLEOPTERA				7
TRICHOPTERA				
HYDROPSYCHIDAE				
HYDROPSYCHE	0	1	0	
LEPTOCERIDAE				
OECETIS	0	1	2	
SETODES	2	0	0	
TRIAENODES	0	0	1	
POLYCENTROPODIDAE				
POLYCENTROPUS	0	3	1	
ALL TRICHOPTERA				76
ACARINA	1	2	0	21
GASTROPODA				
AMNICOLA	4	2	2	
ELIMIA LIVESCENS	10	19	9	
GYRAULUS	1	0	0	
PHYSA	6	5	1	
ALL GASTROPODA				406

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 8 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	25	14	43	

SPHAERIUM	1	4	2	

ALL SPHAERIIDAE				613
ALL PELECYPODA				613

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

ST. CLAIR RIVER TRANSECT 8 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	698	375	191	8705
ALL CNIDARIA				8705
RHABDOCOELA	33	43	12	606
TRICLADIDA	22	4	10	248
NEMERTINEA	0	35	0	241
NEMATODA	19	41	17	530
OLIGOCHAETA				
NAIS	2	0	17	
SPIROSPERMA	30	5	60	
STYLARIA	332	266	296	
OTHER	222	91	99	
ALL OLIGOCHAETA				9779
POLYCHAETA				
MANAYUNKIA SPECIOSA	47	173	119	2335
ALL POLYCHAETA				2335

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 8 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CLADOCERA				
BOSMINA	1	0	1	
DAPHNIA	1	0	0	
HOLOPEDIUM	9	8	9	
ALL CLADOCERA				200
COPEPODA				
DIAPTOMUS	0	8	0	
HARPACTICOIDA	0	8	0	
ALL COPEPODA				110
OSTRACODA	0	12	1	90
AMPHIPODA				
GAMMARUS	89	126	42	
HYALELLA AZTECA	55	20	35	
ALL AMPHIPODA				2527
ISOPODA				
ASELLUS	2	1	0	21
ALL ISOPODA				21
DIPTERA				
CERATOPOGONIDAE	2	1	3	
CHIRONOMIDAE	150	146	119	2858
ALL DIPTERA				2899

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 8 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
CAENIDAE				
CAENIS	38	122	34	
EPHEMERIDAE				
HEXAGENIA	108	235	180	
ALL EPHEMEROPTERA				4938
LEPIDOPTERA	1	0	0	7
TRICHOPTERA				
HYDROPTILIDAE				
HYDROPTILA	0	0	1	
LEPTOCERIDAE				
CERACLEA	1	0	0	
OECETIS	0	0	2	
SETODES	0	1	0	
TRIAENODES	0	1	0	
POLYCENTROPODIDAE				
POLYCENTROPUS	2	1	4	
ALL TRICHOPTERA				90
ODONATA				
COENAGRIONIDAE	1	1	0	14
ACARINA	2	2	3	48

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 8 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
GASTROPODA				
AMNICOLA	29	39	22	
ELIMIA LIVESCENS	7	14	3	
GYRAULUS	9	9	4	
PHYSA	38	17	17	
VALVATA TRICARINATA	0	4	0	
ALL GASTROPODA				1460
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	15	21	20	386
ALL PELECYPODA				386

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

ST. CLAIR RIVER TRANSECT 8 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	29	106	474	4194
ALL CNIDARIA				4194
RHABDOCOELA	3	8	47	399
NEMERTINEA	8	0	5	90
NEMATODA	13	17	30	413
OLIGOCHAETA				
SPIROSPERMA	25	20	49	
STYLARIA	2	0	10	
OTHER	347	337	319	
ALL OLIGOCHAETA				7637
POLYCHAETA				
MANAYUNKIA SPECIOSA	0	9	32	282
ALL POLYCHAETA				282
CLADOCERA				
BOSMINA	0	1	20	
DAPHNIA	0	4	2	
HOLOPEDIUM	8	20	37	
ALL CLADOCERA				634

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 8 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
EPISHURA LACUSTRIS	0	0	6	
HARPACTICOIDA	2	0	8	
ALL COPEPODA				110
OSTRACODA	2	6	2	69
AMPHIPODA				
GAMMARUS	2	1	39	
HYALELLA AZTECA	0	0	2	
ALL AMPHIPODA				303
DIPTERA				
CERATOPOGONIDAE	2	0	0	
CHIRONOMIDAE	341	299	336	6721
ALL DIPTERA				6735
EPHEMEROPTERA				
CAENIDAE				
CAENIS	3	7	22	
EPHEMERIDAE				
HEXAGENIA	90	266	148	
ALL EPHEMEROPTERA				3691

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 8 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TRICHOPTERA				
BRACHYCENTRIDAE				
BRACHYCENTRUS	0	0	1	
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	0	0	1	
HYDROPSYCHE	0	0	2	
LEPTOCERIDAE				
OECETIS	0	1	0	
POLYCENTROPODIDAE				
NEURECLIPSIS	0	1	0	
ALL TRICHOPTERA				41
ODONATA				
GOMPHIDAE				
GOMPHUS	0	0	1	7
ALL ODONATA				7
ACARINA	2	0	4	41
GASTROPODA				
AMNICOLA	12	3	36	
GYRAULUS	0	0	7	
PHYSA	0	1	9	
ALL GASTROPODA				468
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	8	46	11	448
UNIONIDAE	0	2	0	
ALL PELECYPODA				461

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

ST. CLAIR RIVER TRANSECT 9 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	1	0	1	14
ALL CNIDARIA				14
RHABDOCOELA	2	0	0	14
NEMATODA	3	5	1	62
OLIGOCHAETA				
NAIS	0	0	2	
SPIROSPERMA	1	1	2	
STYLARIA	2	0	5	
OTHER	20	9	41	
ALL OLIGOCHAETA				572
POLYCHAETA				
MANAYUNKIA SPECIOSA	0	0	4	28
ALL POLYCHAETA				28
CLADOCERA				
BOSMINA	6	14	5	
DAPHNIA	19	24	16	
HOLOPEDIUM	10	11	11	
ALL CLADOCERA				799

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 9 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
CYCLOPS BICUSPIDATUS	1	5	1	
DIAPTOMUS	10	15	7	
EPISHURA LACUSTRIS	4	3	1	
HARPACTICOIDA	1	0	0	
ALL COPEPODA				331
AMPHIPODA				
GAMMARUS	6	0	4	
HYALELLA AZTECA	0	0	4	
ALL AMPHIPODA				96
ISOPODA				
LIRCEUS	0	0	3	21
ALL ISOPODA				21
TERRESTRIAL INSECT	0	0	1	7
DIPTERA				
CERATOPOGONIDAE	4	2	11	
CHIRONOMIDAE	3	3	53	406
ALL DIPTERA				523
EPHEMEROPTERA				
CAENIDAE				
CAENIS	0	0	2	
EPHEMERIDAE				
HEXAGENIA	6	1	0	
HEPTAGENIIDAE				
STENONEMA	0	0	1	
ALL EPHEMEROPTERA				69

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 9 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
GASTROPODA				
AMNICOLA	5	0	0	
GYRAULUS	0	0	1	
PHYSA	1	0	0	
ALL GASTROPODA				48
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	3	0	3	41
ALL PELECYPODA				41

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

ST. CLAIR RIVER TRANSECT 9 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	0	0	1	7
ALL CNIDARIA				7
NEMATODA	1	0	2	21
OLIGOCHAETA				
SPIROSPERMA	1	0	0	
OTHER	9	8	14	
ALL OLIGOCHAETA				220
CLADOCERA				
BOSMINA	14	2	4	
DAPHNIA	6	3	7	
EURYCERCUS LAMELLATUS	1	0	0	
HOLOPEDIUM	14	13	5	
ALL CLADOCERA				475
COPEPODA				
CYCLOPS BICUSPIDATUS	0	2	1	
DIAPTOMUS	9	0	10	
EPISHURA LACUSTRIS	1	0	0	
HARPACTICOIDA	1	0	1	
ALL COPEPODA				172
DIPTERA				
CERATOPOGONIDAE	2	2	2	
CHIRONOMIDAE	8	5	2	103
ALL DIPTERA				145

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 9 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	0	0	1	
ALL TRICHOPTERA				7
GASTROPODA				
PHYSA	0	1	0	7
ALL GASTROPODA				7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

ST. CLAIR RIVER TRANSECT 9 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	194	0	535	5020
ALL CNIDARIA				5020
RHABDOCOELA	4	1	6	76
NEMERTINEA	0	1	0	7
NEMATODA	4	9	9	152
OLIGOCHAETA				
SPIROSPERMA	4	1	11	
STYLARIA	31	0	40	
OTHER	36	16	156	
ALL OLIGOCHAETA				2032
POLYCHAETA				
MANAYUNKIA SPECIOSA	57	2	89	1019
ALL POLYCHAETA				1019
CLADOCERA				
BOSMINA	0	18	0	
DAPHNIA	4	5	16	
HOLOPEDIUM	14	19	40	
ALL CLADOCERA				799

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 9 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
CYCLOPS BICUSPIDATUS	2	0	0	
DIAPTOMUS	4	1	0	
EPISHURA LACUSTRIS	0	1	16	
HARPACTICOIDA	0	2	8	
ALL COPEPODA				234
AMPHIPODA				
GAMMARUS	48	0	11	
HYALELLA AZTECA	3	0	0	
ALL AMPHIPODA				427
DIPTERA				
CERATOPOGONIDAE	6	2	1	
CHIRONOMIDAE	52	12	69	916
EMPIDIDAE	0	0	2	
ALL DIPTERA				992
EPHEMEROPTERA				
CAENIDAE				
CAENIS	7	0	0	
EPHEMERIDAE				
HEXAGENIA	25	0	2	
BAETISCIDAE				
BAETISCA	0	0	1	
ALL EPHEMEROPTERA				241
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	1	0	1	
LEPTOCERIDAE				
OECETIS	1	0	0	
ALL TRICHOPTERA				21

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 9 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
ACARINA	5	0	0	34
GASTROPODA				
AMNICOLA	0	0	3	
ELIMIA LIVESCENS	2	0	1	
GYRAULUS	0	0	2	
PHYSA	2	0	0	
ALL GASTROPODA				69
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	22	2	26	344
ALL PELECYPODA				344

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

ST. CLAIR RIVER TRANSECT 10 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
NEMATODA	0	0	2	14
OLIGOCHAETA	3	0	1	28
CLADOCERA				
BOSMINA	2	0	2	
DAPHNIA	11	17	12	
HOLOPEDIUM	8	18	10	
ALL CLADOCERA				551
COPEPODA				
DIAPTOMUS	4	2	1	
EPISHURA LACUSTRIS	1	2	0	
ALL COPEPODA				69
AMPHIPODA				
GAMMARUS	0	1	0	7
ALL AMPHIPODA				7
TERRESTRIAL INSECT	1	0	1	14
DIPTERA				
CERATOPOGONIDAE	0	0	5	
CHIRONOMIDAE	3	8	3	96
ALL DIPTERA				131

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 10 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	1	3	2	41
ALL PELECYPODA				41

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

ST. CLAIR RIVER TRANSECT 10 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	18	13	24	379
ALL CNIDARIA				379
RHABDOCOELA	13	41	33	599
TRICLADIDA	1	1	0	14
NEMATODA	17	8	13	262
HIRUDINEA				
PISCICOLIDAE				
PISCICOLA	1	0	0	
ALL HIRUDINEA				7
OLIGOCHAETA				
SPIROSPERMA	21	11	12	
STYLARIA	44	35	98	
OTHER	300	77	110	
ALL OLIGOCHAETA				4876
POLYCHAETA				
MANAYUNKIA SPECIOSA	16	1	24	282
ALL POLYCHAETA				282
CLADOCERA				
BOSMINA	9	4	4	
DAPHNIA	8	6	12	
HOLOPEDIUM	8	8	14	
ALL CLADOCERA				503

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 10 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
DIAPTOMUS	0	1	0	
EPISHURA LACUSTRIS	0	2	0	
HARPACTICOIDA	8	0	0	
ALL COPEPODA				76
OSTRACODA	8	1	3	83
AMPHIPODA				
GAMMARUS	28	28	24	
HYALELLA AZTECA	8	8	24	
ALL AMPHIPODA				826
ISOPODA				
ASELLUS	0	0	1	7
ALL ISOPODA				7
TERRESTRIAL INSECT	2	4	0	41
DIPTERA				
CERATOPOGONIDAE	10	13	9	
CHIRONOMIDAE	162	259	207	4325
EMPIDIDAE	1	0	0	
ALL DIPTERA				4552

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 10 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
CAENIDAE				
CAENIS	20	37	22	
EPHEMERIDAE				
HEXAGENIA	17	29	21	
BAETISCIDAE				
BAETISCA	5	2	4	
ALL EPHEMEROPTERA				1081
TRICHOPTERA				
HYDROPTILIDAE				
HYDROPTILA	1	0	2	
LEPTOCERIDAE				
MYSTACIDES	1	1	0	
NECTOPSYCHE	2	0	0	
OECETIS	3	0	4	
SETODES	0	2	0	
POLYCENTROPODIDAE				
NEURECLIPSIS	0	0	1	
POLYCENTROPUS	1	0	1	
ALL TRICHOPTERA				131
ACARINA	9	13	10	220
GASTROPODA				
AMNICOLA	11	12	20	
ELIMIA LIVESCENS	19	10	12	
GYRAULUS	6	8	15	
PHYSA	6	3	7	
VALVATA TRICARINATA	0	1	1	
ALL GASTROPODA				902

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 10 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	44	10	43	668
UNIONIDAE	1	0	0	
ALL PELECYPODA				675

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

ST. CLAIR RIVER TRANSECT 10 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	561	465	734	12121
ALL CNIDARIA				12121
RHABDOCOELA	30	28	38	661
TRICLADIDA	4	5	8	117
NEMATODA	19	18	32	475
OLIGOCHAETA				
NAIS	0	8	1	
SPIROSPERMA	18	3	34	
STYLARIA	37	118	113	
OTHER	199	94	201	
ALL OLIGOCHAETA				5688
POLYCHAETA				
MANAYUNKIA SPECIOSA	83	9	55	1012
ALL POLYCHAETA				1012

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 10 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CLADOCERA				
BOSMINA	9	1	1	
DAPHNIA	2	0	11	
EURYCERCUS LAMELLATUS	1	0	1	
HOLOPEDIUM	1	32	4	
ILYOCRYPTUS	1	1	3	
ALL CLADOCERA				468
COPEPODA				
DIAPTOMUS	0	0	1	
EPISHURA LACUSTRIS	0	0	1	
HARPACTICOIDA	0	0	1	
ALL COPEPODA				21
OSTRACODA	12	0	24	248
AMPHIPODA				
GAMMARUS	195	71	337	
HYALELLA AZTECA	10	13	8	
ALL AMPHIPODA				4366
DIPTERA				
CERATOPOGONIDAE	13	1	2	
CHIRONOMIDAE	199	238	160	4111
ALL DIPTERA				4222

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 10 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
CAENIDAE				
CAENIS	30	9	51	
EPHEMERIDAE				
HEXAGENIA	240	58	212	
ALL EPHEMEROPTERA				4132
LEPIDOPTERA	0	1	0	7
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	1	0	0	
HYDROPSYCHE	2	0	0	
LEPTOCERIDAE				
CERACLEA	0	1	1	
OECETIS	1	0	1	
TRIAENODES	0	1	0	
POLYCENTROPODIDAE				
POLYCENTROPUS	1	0	1	
ALL TRICHOPTERA				69
ACARINA	5	0	4	62
GASTROPODA				
AMNICOLA	57	89	100	
ELIMIA LIVESCENS	2	3	2	
GYRAULUS	3	27	18	
PHYSA	6	18	24	
ALL GASTROPODA				2403

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/17/84

TRANSECT 10 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	67	13	37	806
ALL PELECYPODA				806

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/10/84

LAKE ST. CLAIR TRANSECT 11 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	2	0	4	41
ALL CNIDARIA				41
RHABDOCOELA	2	1	3	41
TRICLADIDA	0	2	1	21
NEMATODA	24	18	27	475
HIRUDINEA				
GLOSSIPHONIIDAE				
HELOBDELLA STAGNALIS	0	0	2	
ALL HIRUDINEA				14
OLIGOCHAETA				
SPIROSPERMA	28	13	12	
STYLARIA	0	0	1	
OTHER	54	35	58	
ALL OLIGOCHAETA				1384
POLYCHAETA				
MANAYUNKIA SPECIOSA	372	171	306	5847
ALL POLYCHAETA				5847
CLADOCERA				
DAPHNIA	8	12	19	
EURYCERCUS LAMELLATUS	2	4	2	
HOLOPEDIUM	3	1	7	
ALL CLADOCERA				399

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/10/84

TRANSECT 11 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
HARPACTICOIDA	2	7	17	179
ALL COPEPODA				179
OSTRACODA	19	34	12	448
AMPHIPODA				
GAMMARUS	17	21	0	262
ALL AMPHIPODA				262
DIPTERA				
CHIRONOMIDAE	15	24	19	399
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	19	26	15	
ALL EPHEMEROPTERA				413
TRICHOPTERA				
LEPTOCERIDAE				
OECETIS	2	1	6	
ALL TRICHOPTERA				62
ACARINA	0	0	1	7
GASTROPODA				
AMNICOLA	1	1	1	
ELIMIA LIVESCENS	2	3	1	
GYRAULUS	0	0	1	
VALVATA TRICARINATA	2	0	1	
ALL GASTROPODA				90

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/10/84

TRANSECT 11 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	14	42	13	475
ALL PELECYPODA				475

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/10/84

LAKE ST. CLAIR TRANSECT 11 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	1	0	1	14
TRICLADIDA	1	2	0	21
NEMATODA	76	107	134	2183
OLIGOCHAETA	49	60	70	1233
POLYCHAETA				
MANAYUNKIA SPECIOSA	17	19	18	372
ALL POLYCHAETA				372
CLADOCERA				
DAPHNIA	6	10	17	
HOLOPEDIUM	1	1	2	
ALL CLADOCERA				255
COPEPODA				
HARPACTICOIDA	1	3	6	
LIMNOCALANUS	0	1	0	
MACROCYCLOPS	2	3	7	
ALL COPEPODA				158
OSTRACODA	1	6	3	69

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/10/84

TRANSECT 11 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
AMPHIPODA				
GAMMARUS	2	5	3	69
ALL AMPHIPODA				69
DIPTERA				
CHIRONOMIDAE	26	25	19	482
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	20	25	29	
ALL EPHEMEROPTERA				510
TRICHOPTERA				
LEPTOCERIDAE				
OECETIS	1	3	2	
ALL TRICHOPTERA				41
ACARINA	0	1	0	7
GASTROPODA				
AMNICOLA	0	1	0	
ELIMIA LIVESCENS	0	2	1	
PLEUROCERA ACUTA	1	0	0	
ALL GASTROPODA				34
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	34	55	40	
SPHAERIUM	3	1	5	
ALL SPHAERIIDAE				950
UNIONIDAE				
ANODONTA GRANDIS	0	0	1	
ALL PELECYPODA				957

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/10/84

LAKE ST. CLAIR TRANSECT 11 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	1	10	8	131
TRICLADIDA	0	0	1	7
NEMATODA	168	210	305	4704
HIRUDINEA				
GLOSSIPHONIIDAE				
HELOBDELLA ELONGATA	3	0	5	
ALL HIRUDINEA				55
OLIGOCHAETA				
SPIROSPERMA	0	1	0	
OTHER	788	777	935	
ALL OLIGOCHAETA				17224
POLYCHAETA				
MANAYUNKIA SPECIOSA	37	16	9	427
ALL POLYCHAETA				427
CLADOCERA				
DAPHNIA	13	1	16	
HOLOPEDIUM	3	0	8	
ALL CLADOCERA				282
COPEPODA				
HARPACTICOIDA	0	1	1	
MACROCYCLOPS	5	0	8	
ALL COPEPODA				103

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/10/84

TRANSECT 11 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
OSTRACODA	0	1	8	62
AMPHIPODA				
GAMMARUS	2	1	1	28
ALL AMPHIPODA				28
DIPTERA				
CERATOPOGONIDAE	1	0	0	
CHIRONOMIDAE	25	26	26	530
ALL DIPTERA				537
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	27	16	17	
ALL EPHEMEROPTERA				413
TRICHOPTERA				
LEPTOCERIDAE				
OECETIS	1	0	0	
ALL TRICHOPTERA				7
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	75	127	108	
SPHAERIUM	1	2	2	
ALL SPHAERIIDAE				2169
ALL PELECYPODA				2169

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/10/84

LAKE ST. CLAIR TRANSECT 12 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	0	8	0	55
ALL CNIDARIA				55
RHABDOCOELA	0	3	1	28
TRICLADIDA	1	0	0	7
NEMATODA	23	19	32	510
HIRUDINEA				
GLOSSIPHONIIDAE				
GLOSSIPHONIA COMPLANATA	0	0	1	
HELOBDELLA STAGNALIS	1	0	0	
ALL HIRUDINEA				14
OLIGOCHAETA				
SPIROSPERMA	1	3	2	
OTHER	58	49	33	
ALL OLIGOCHAETA				1005
POLYCHAETA				
MANAYUNKIA SPECIOSA	219	251	209	4676
ALL POLYCHAETA				4676
CLADOCERA				
DAPHNIA	8	16	13	
EURYCERCUS LAMELLATUS	2	1	2	
HOLOPEDIUM	25	28	27	
ALL CLADOCERA				840

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/10/84

TRANSECT 12 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
HARPACTICOIDA	4	7	2	
MACROCYCLOPS	3	2	3	
ALL COPEPODA				145
OSTRACODA	13	34	34	558
AMPHIPODA				
GAMMARUS	9	13	9	213
ALL AMPHIPODA				213
DIPTERA				
CHIRONOMIDAE	14	30	27	489
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	19	31	24	
ALL EPHEMEROPTERA				510
TRICHOPTERA				
LEPTOCERIDAE				
OECETIS	3	4	1	
ALL TRICHOPTERA				55
ACARINA	1	0	1	14
GASTROPODA				
AMNICOLA	1	1	1	
ELIMIA LIVESCENS	2	0	2	
VALVATA TRICARINATA	1	0	1	
ALL GASTROPODA				62

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/10/84

TRANSECT 12 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	22	17	12	
SPHAERIUM	0	1	0	
ALL SPHAERIIDAE				358
UNIONIDAE	0	1	0	
ALL PELECYPODA				365

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/10/84

LAKE ST. CLAIR TRANSECT 12 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	1	0	2	21
TRICLADIDA	0	1	0	7
NEMATODA	12	46	25	572
OLIGOCHAETA				
SPIROSPERMA	1	0	2	
OTHER	91	155	68	
ALL OLIGOCHAETA				2183
POLYCHAETA				
MANAYUNKIA SPECIOSA	10	6	15	213
ALL POLYCHAETA				213
CLADOCERA				
DAPHNIA	3	7	12	
HOLOPEDIUM	4	14	12	
ALL CLADOCERA				358
COPEPODA				
HARPACTICOIDA	0	2	0	
MACROCYCLOPS	3	1	3	
ALL COPEPODA				62
OSTRACODA	1	2	0	21

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/10/84

TRANSECT 12 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
AMPHIPODA				
GAMMARUS	1	3	0	28
ALL AMPHIPODA				28
TERRESTRIAL INSECT	1	0	0	7
DIPTERA				
CERATOPOGONIDAE	0	0	1	
CHIRONOMIDAE	18	32	21	489
ALL DIPTERA				496
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	19	30	18	
ALL EPHEMEROPTERA				461
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	45	51	26	
SPHAERIUM	4	0	1	
ALL SPHAERIIDAE				875
UNIONIDAE				
PROPTERA ALATA	0	1	0	
ALL PELECYPODA				881

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/10/84

LAKE ST. CLAIR TRANSECT 12 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	0	2	0	14
TRICLADIDA	0	1	0	7
NEMATODA	14	20	13	324
HIRUDINEA				
GLOSSIPHONIIDAE				
PLACOBDELLA MONTIFERA	0	0	1	
ALL HIRUDINEA				7
OLIGOCHAETA				
SPIROSPERMA	1	0	0	
OTHER	145	108	67	
ALL OLIGOCHAETA				2211
POLYCHAETA				
MANAYUNKIA SPECIOSA	12	22	32	455
ALL POLYCHAETA				455
CLADOCERA				
DAPHNIA	12	17	8	
HOLOPEDIUM	7	3	8	
ALL CLADOCERA				379
COPEPODA				
HARPACTICOIDA	0	1	2	
MACROCYCLOPS	3	2	4	
ALL COPEPODA				83

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/10/84

TRANSECT 12 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
OSTRACODA	0	2	0	14
AMPHIPODA				
GAMMARUS	1	4	3	55
ALL AMPHIPODA				55
DIPTERA				
CERATOPOGONIDAE	0	1	0	
CHIRONOMIDAE	22	25	11	399
ALL DIPTERA				406
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	21	21	20	
ALL EPHEMEROPTERA				427
TRICHOPTERA				
LEPTOCERIDAE				
OECETIS	1	0	4	
ALL TRICHOPTERA				34
ACARINA	0	0	1	7
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	56	40	36	
SPHAERIUM	1	1	2	
ALL SPHAERIIDAE				937
ALL PELECYPODA				937

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/10/84

LAKE ST. CLAIR TRANSECT 13 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	0	1	0	7
ALL CNIDARIA				7
RHABDOCOELA	1	1	1	21
NEMERTINEA	1	1	0	14
NEMATODA	14	38	22	510
OLIGOCHAETA				
SPIROSPERMA	0	4	1	
OTHER	24	10	9	
ALL OLIGOCHAETA				331
POLYCHAETA				
MANAYUNKIA SPECIOSA	63	106	55	1543
ALL POLYCHAETA				1543
CLADOCERA				
ALONA	1	0	0	
DAPHNIA	1	4	0	
EURYCERCUS LAMELLATUS	0	2	1	
HOLOPEDIUM	2	13	2	
POLYPHEMUS PEDICULUS	0	1	0	
ALL CLADOCERA				186

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/10/84

TRANSECT 13 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
HARPACTICOIDA	0	1	5	
MACROCYCLOPS	0	1	0	
ALL COPEPODA				48
OSTRACODA	4	11	3	124
AMPHIPODA				
GAMMARUS	6	1	0	48
ALL AMPHIPODA				48
DIPTERA				
CHIRONOMIDAE	28	22	25	516
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	30	27	28	
HEPTAGENIIDAE				
STENONEMA	1	0	0	
ALL EPHEMEROPTERA				592
TRICHOPTERA				
LEPTOCERIDAE				
OECETIS	1	2	2	
ALL TRICHOPTERA				34
ACARINA	0	1	0	7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/10/84

TRANSECT 13 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
GASTROPODA				
AMNICOLA	1	4	5	
ELIMIA LIVESCENS	1	1	0	
GYRAULUS	2	0	0	
VALVATA SINCERA	0	9	1	
VALVATA TRICARINATA	0	1	0	
ALL GASTROPODA				172
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	5	19	16	
SPHAERIUM	4	0	0	
ALL SPHAERIIDAE				303
UNIONIDAE				
LAMPSILIS	1	0	0	
OTHER	0	1	0	
ALL PELECYPODA				317

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/10/84

LAKE ST. CLAIR TRANSECT 13 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	0	1	0	7
TRICLADIDA	0	0	1	7
NEMATODA	18	24	26	468
OLIGOCHAETA	99	90	93	1942
POLYCHAETA				
MANAYUNKIA SPECIOSA	6	17	8	213
ALL POLYCHAETA				213
CLADOCERA				
DAPHNIA	1	6	1	
HOLOPEDIUM	9	4	10	
ALL CLADOCERA				213
COPEPODA				
HARPACTICOIDA	0	1	2	
MACROCYCLOPS	5	1	3	
ALL COPEPODA				83
OSTRACODA	0	1	0	7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/10/84

TRANSECT 13 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
AMPHIPODA				
GAMMARUS	2	0	0	14
ALL AMPHIPODA				14
TERRESTRIAL INSECT	0	1	1	14
DIPTERA				
CHIRONOMIDAE	22	27	28	530
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	22	21	19	
ALL EPHEMEROPTERA				427
TRICHOPTERA				
LEPTOCERIDAE				
OECETIS	2	1	1	
ALL TRICHOPTERA				28
GASTROPODA				
ELIMIA LIVESCENS	0	1	0	7
ALL GASTROPODA				7
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	45	46	41	
SPHAERIUM	2	3	0	
ALL SPHAERIIDAE				943
ALL PELECYPODA				943

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/10/84

LAKE ST. CLAIR TRANSECT 13 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	3	3	0	41
NEMATODA	49	8	12	475
OLIGOCHAETA	410	47	42	3436
POLYCHAETA				
MANAYUNKIA SPECIOSA	23	0	0	158
ALL POLYCHAETA				158
CLADOCERA				
BOSMINA	2	0	2	
DAPHNIA	1	0	1	
HOLOPEDIUM	6	2	1	
ALL CLADOCERA				103
COPEPODA				
EPISHURA LACUSTRIS	0	0	1	
HARPACTICOIDA	2	0	0	
MACROCYCLOPS	11	0	1	
MESOCYCLOPS	1	0	0	
ALL COPEPODA				110
OSTRACODA	3	0	0	21

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/10/84

TRANSECT 13 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
AMPHIPODA				
GAMMARUS	4	1	0	34
ALL AMPHIPODA				34
DIPTERA				
CHIRONOMIDAE	45	6	10	420
EPHEMEROPTERA				
EPHEMERIDAE				
HEXAGENIA	23	14	14	
ALL EPHEMEROPTERA				351
TRICHOPTERA				
LEPTOCERIDAE				
OECETIS	0	0	2	
ALL TRICHOPTERA				14
GASTROPODA				
CAMPELOMA	1	0	0	7
ALL GASTROPODA				7
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	82	6	8	
SPHAERIUM	1	0	1	
ALL SPHAERIIDAE				675
ALL PELECYPODA				675

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/ 9/84

DETROIT RIVER TRANSECT 14 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PORIFERA				
SPONGILLA	+	+	+	+
ALL PORIFERA				0
CNIDARIA				
HYDRA	57	36	29	840
ALL CNIDARIA				840
TRICLADIDA	5	4	9	124
NEMERTINEA	76	72	51	1370
NEMATODA	5	1	0	41
BRYOZOA	0	+	+	+
OLIGOCHAETA				
SPIROSPERMA	0	1	0	
OTHER	19	5	6	
ALL OLIGOCHAETA				213
POLYCHAETA				
MANAYUNKIA SPECIOSA	0	2	0	14
ALL POLYCHAETA				14
OSTRACODA	0	0	1	7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/ 9/84

TRANSECT 14 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
AMPHIPODA				
GAMMARUS	1	2	3	41
ALL AMPHIPODA				41
DIPTERA				
CERATOPOGONIDAE	1	0	0	
CHIRONOMIDAE	78	29	126	1605
ALL DIPTERA				1611
EPHEMEROPTERA				
BAETISCIDAE				
BAETISCA	0	1	2	
ALL EPHEMEROPTERA				21
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	26	22	72	
HYDROPSYCHE	83	54	152	
LEPTOCERIDAE				
CERACLEA	1	2	0	
ALL TRICHOPTERA				2837
ACARINA	2	1	0	21
GASTROPODA				
AMNICOLA	12	23	3	
ELIMIA LIVESCENS	37	84	21	
FERISSIA	2	1	1	
GYRAULUS	6	2	1	
PHYSA	2	0	5	
ALL GASTROPODA				1377

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/ 9/84

TRANSECT 14 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	40	25	15	
SPHAERIUM	6	6	0	
ALL SPHAERIIDAE				634
UNIONIDAE				
TRUNCILLA TRUNCATA	1	1	1	
OTHER	0	2	0	
ALL PELECYPODA				668

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/ 9/84

DETROIT RIVER TRANSECT 14 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
NEMERTINEA	15	3	7	172
NEMATODA	0	1	0	7
OLIGOCHAETA				
SPIROSPERMA	2	1	0	
OTHER	30	23	16	
ALL OLIGOCHAETA				496
POLYCHAETA				
MANAYUNKIA SPECIOSA	4	2	9	103
ALL POLYCHAETA				103
CLADOCERA				
BOSMINA	1	0	0	7
ALL CLADOCERA				7
COPEPODA				
DIAPTOMUS	1	0	0	7
ALL COPEPODA				7
AMPHIPODA				
GAMMARUS	3	2	3	55
ALL AMPHIPODA				55
DIPTERA				
CHIRONOMIDAE	0	1	1	14
EPHEMEROPTERA				
BAETISCIDAE				
BAETISCA	1	1	2	
ALL EPHEMEROPTERA				28

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/ 9/84

TRANSECT 14 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	3	4	37	
ALL TRICHOPTERA				303
ACARINA	2	0	0	14
GASTROPODA				
AMNICOLA	6	1	4	
ELIMIA LIVESCENS	1	1	5	
FERISSIA	0	1	0	
ALL GASTROPODA				131
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	5	8	4	
SPHAERIUM	1	0	0	
ALL SPHAERIIDAE				124
ALL PELECYPODA				124

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/ 9/84

DETROIT RIVER TRANSECT 14 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
NEMERTINEA	0	2	2	28
NEMATODA	6	2	6	96
OLIGOCHAETA				
BRANCHIURA SOWERBYI	0	1	1	
SPIROSPERMA	1	4	3	
OTHER	48	41	55	
ALL OLIGOCHAETA				1061
POLYCHAETA				
MANAYUNKIA SPECIOSA	0	2	3	34
ALL POLYCHAETA				34
AMPHIPODA				
GAMMARUS	1	0	0	7
ALL AMPHIPODA				7
TERRESTRIAL INSECT	1	0	0	7
DIPTERA				
CHIRONOMIDAE	2	3	4	62
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	1	0	0	
ALL TRICHOPTERA				7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/ 9/84

TRANSECT 14 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
GASTROPODA				
ELIMIA LIVESCENS	9	5	5	131
ALL GASTROPODA				131
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	6	2	4	
SPHAERIUM	2	0	1	
ALL SPHAERIIDAE				103
ALL PELECYPODA				103

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/10/84

DETROIT RIVER TRANSECT 15 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PORIFERA				
SPONGILLA	+	+	+	+
ALL PORIFERA				0
CNIDARIA				
HYDRA	35	30	22	599
ALL CNIDARIA				599
RHABDOCOELA	1	0	0	7
TRICLADIDA	16	10	4	207
NEMERTINEA	9	5	2	110
NEMATODA	20	8	15	296
BRYOZOA	+	+	0	+
OLIGOCHAETA				
SPIROSPERMA	54	17	17	
STYLARIA	2	1	0	
OTHER	32	30	33	
ALL OLIGOCHAETA				1281

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/10/84

TRANSECT 15 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
POLYCHAETA				
MANAYUNKIA SPECIOSA	6	1	0	48
ALL POLYCHAETA				48
COPEPODA				
DIAPTOMUS	0	2	2	28
ALL COPEPODA				28
AMPHIPODA				
GAMMARUS	25	35	46	730
ALL AMPHIPODA				730
TERRESTRIAL INSECT	1	0	0	7
DIPTERA				
CHIRONOMIDAE	223	421	440	7465
EPHEMEROPTERA				
CAENIDAE				
CAENIS	19	9	8	
EPHEMERIDAE				
HEXAGENIA	1	0	0	
BAETISCIDAE				
BAETISCA	1	1	1	
ALL EPHEMEROPTERA				275

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/10/84

TRANSECT 15 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	105	129	80	
HYDROPSYCHE	122	205	190	
LEPTOCERIDAE				
CERACLEA	1	0	2	
OECETIS	2	0	1	
SETODES	0	1	0	
RHYACOPHILIDAE				
PROTOPTILA	2	1	0	
ALL TRICHOPTERA				5792
ACARINA	0	1	0	7
GASTROPODA				
AMNICOLA	38	30	13	
BITHYNIA	2	0	0	
ELIMIA LIVESCENS	17	15	21	
GYRAULUS	13	12	8	
PHYSA	1	0	0	
ALL GASTROPODA				1171
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	44	51	24	
SPHAERIUM	11	2	1	
ALL SPHAERIIDAE				916
ALL PELECYPODA				916

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/10/84

DETROIT RIVER TRANSECT 15 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	33	92	8	916
ALL CNIDARIA				916
TRICLADIDA	0	0	1	7
NEMERTINEA	4	5	6	103
NEMATODA	66	21	3	620
OLIGOCHAETA				
SPIROSPERMA	2	4	1	
OTHER	13	9	19	
ALL OLIGOCHAETA				331
POLYCHAETA				
MANAYUNKIA SPECIOSA	1	0	1	14
ALL POLYCHAETA				14
COPEPODA				
DIAPTOMUS	1	0	1	14
ALL COPEPODA				14
TERRESTRIAL INSECT	0	0	1	7
DIPTERA				
CHIRONOMIDAE	1	0	0	7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/10/84

TRANSECT 15 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
BAETISCIDAE				
BAETISCA	3	0	0	
ALL EPHEMEROPTERA				21
TRICHOPTERA				
TRICHOPTERA	1	0	0	
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	183	79	92	
HYDROPSYCHE	11	2	4	
ALL TRICHOPTERA				2562
GASTROPODA				
AMNICOLA	0	0	4	
ELIMIA LIVESCENS	31	10	40	
ALL GASTROPODA				585
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	15	6	36	
SPHAERIUM	3	0	2	
ALL SPHAERIIDAE				427
UNIONIDAE				
LAMPSILIS RADIATA SILIQUOIDEA	0	0	1	
OTHER	0	0	2	
ALL PELECYPODA				448

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/10/84

DETROIT RIVER TRANSECT 15 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	167	26	30	1536
ALL CNIDARIA				1536
TRICLADIDA	5	1	0	41
NEMERTINEA	9	11	42	427
NEMATODA	6	5	21	220
OLIGOCHAETA				
SPIROSPERMA	6	5	15	
OTHER	7	5	31	
ALL OLIGOCHAETA				475
POLYCHAETA				
MANAYUNKIA SPECIOSA	12	1	0	90
ALL POLYCHAETA				90
CLADOCERA				
BOSMINA	2	0	0	
DAPHNIA	0	1	0	
ALL CLADOCERA				21
OSTRACODA	1	0	0	7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/10/84

TRANSECT 15 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
DIPTERA				
CHIRONOMIDAE	2	1	0	21
EPHEMEROPTERA				
BAETISCIDAE				
BAETISCA	8	2	6	
ALL EPHEMEROPTERA				110
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	700	210	153	
HYDROPSYCHE	87	16	6	
LEPTOCERIDAE				
CERACLEA	2	0	1	
OECETIS	1	0	0	
RHYACOPHILIDAE				
PROTOPTILA	1	0	0	
ALL TRICHOPTERA				8106
ACARINA	1	0	0	7
GASTROPODA				
AMNICOLA	0	0	2	
ELIMIA LIVESCENS	9	0	7	
ALL GASTROPODA				124
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	10	9	35	
SPHAERIUM	2	0	3	
ALL SPHAERIIDAE				406
UNIONIDAE	0	0	2	
ALL PELECYPODA				420

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/ 9/84

DETROIT RIVER TRANSECT 16 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	9	0	0	62
ALL CNIDARIA				62
RHABDOCOELA	23	27	35	585
TRICLADIDA	2	0	1	21
NEMATODA	148	57	57	1804
HIRUDINEA				
ERPOBDELLIDAE	1	1	1	
GLOSSIPHONIIDAE				
HELOBDELLA ELONGATA	3	1	0	
ALL HIRUDINEA				48
OLIGOCHAETA				
NAIS	0	0	4	
SPIROSPERMA	0	0	1	
STYLARIA	95	92	93	
OTHER	178	260	264	
ALL OLIGOCHAETA				6797
CLADOCERA				
SIDA CRYSTALLINA	12	1	8	145
ALL CLADOCERA				145

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/ 9/84

TRANSECT 16 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
OSTRACODA	0	0	1	7
AMPHIPODA				
GAMMARUS	4	11	7	
HYALELLA AZTECA	14	4	12	
ALL AMPHIPODA				358
ISOPODA				
ASELLUS	2	7	0	62
ALL ISOPODA				62
DIPTERA				
CERATOPOGONIDAE	4	1	0	
CHIRONOMIDAE	220	324	200	5124
CULICIDAE				
CHAOBORUS	0	1	0	
ALL DIPTERA				5165
EPHEMEROPTERA				
CAENIDAE				
CAENIS	1	0	1	
EPHEMERIDAE				
HEXAGENIA	4	1	0	
ALL EPHEMEROPTERA				48
LEPIDOPTERA				
PYRALIDAE	1	0	0	7
ALL LEPIDOPTERA				7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/ 9/84

TRANSECT 16 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TRICHOPTERA				
LEPTOCERIDAE				
NECTOPSYCHE	1	0	0	
OECETIS	9	0	1	
POLYCENTROPODIDAE				
PHYLOCENTROPUS	4	3	1	
ALL TRICHOPTERA				131
GASTROPODA				
AMNICOLA	32	17	16	
GYRAULUS	85	48	35	
PHYSA	34	5	13	
PLEUROCERA ACUTA	0	0	1	
ALL GASTROPODA				1970
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	10	0	0	69
ALL PELECYPODA				69

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/ 9/84

DETROIT RIVER TRANSECT 16 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	0	0	1	7
ALL CNIDARIA				7
RHABDOCOELA	7	10	21	262
TRICLADIDA	17	2	10	200
NEMERTINEA	5	1	18	165
NEMATODA	134	69	190	2706
HIRUDINEA				
ERPOBDELLIDAE	1	0	0	
GLOSSIPHONIIDAE				
ACTINOBDELLA INEQUIANNULATA	1	0	0	
GLOSSIPHONIA HETEROCLITA	0	0	1	
ALL HIRUDINEA				21
OLIGOCHAETA				
SPIROSPERMA	1	8	9	
STYLARIA	11	0	1	
OTHER	168	81	289	
ALL OLIGOCHAETA				3912

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/ 9/84

TRANSECT 16 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CLADOCERA				
SIDA CRYSTALLINA	33	4	8	310
ALL CLADOCERA				310
COPEPODA				
HARPACTICOIDA	24	0	0	165
ALL COPEPODA				165
AMPHIPODA				
GAMMARUS	21	0	14	
HYALELLA AZTECA	6	2	0	
ALL AMPHIPODA				296
ISOPODA				
ASELLUS	6	0	11	117
ALL ISOPODA				117
TERRESTRIAL INSECT	1	0	0	7
DIPTERA				
CERATOPOGONIDAE	0	0	2	
CHIRONOMIDAE	101	77	74	1735
ALL DIPTERA				1749
EPHEMEROPTERA				
CAENIDAE				
CAENIS	1	1	0	
EPHEMERIDAE				
HEXAGENIA	19	27	8	
ALL EPHEMEROPTERA				386

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/ 9/84

TRANSECT 16 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TRICHOPTERA				
LEPTOCERIDAE				
OECETIS	3	0	2	
POLYCENTROPODIDAE				
PHYLOCENTROPUS	8	9	4	
POLYCENTROPUS	2	0	0	
ALL TRICHOPTERA				193
ACARINA	3	1	1	34
GASTROPODA				
AMNICOLA	19	2	40	
ELIMIA LIVESCENS	1	0	0	
GYRAULUS	1	0	1	
PHYSA	2	0	5	
PLEUROCERA ACUTA	1	1	6	
ALL GASTROPODA				544
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	23	50	37	
SPHAERIUM	0	1	0	
ALL SPHAERIIDAE				764
UNIONIDAE	1	0	0	
ALL PELECYPODA				771

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/ 9/84

DETROIT RIVER TRANSECT 16 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	12	2	1	103
NEMERTINEA	0	0	4	28
NEMATODA	37	5	5	324
OLIGOCHAETA				
SPIROSPERMA	11	20	1	
STYLARIA	0	0	1	
OTHER	87	109	90	
ALL OLIGOCHAETA				2197
POLYCHAETA				
MANAYUNKIA SPECIOSA	26	12	6	303
ALL POLYCHAETA				303
CLADOCERA				
BOSMINA	0	0	1	
EURYCERCUS LAMELLATUS	4	0	0	
SIDA CRYSTALLINA	1	0	0	
ALL CLADOCERA				41
COPEPODA				
EPISHURA LACUSTRIS	1	0	0	7
ALL COPEPODA				7
AMPHIPODA				
GAMMARUS	0	1	0	7
ALL AMPHIPODA				7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/ 9/84

TRANSECT 16 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
DIPTERA				
CERATOPOGONIDAE	1	1	0	
CHIRONOMIDAE	51	26	18	654
ALL DIPTERA				668
EPHEMEROPTERA				
CAENIDAE				
BRACHYCERCUS	0	1	0	
EPHEMERIDAE				
HEXAGENIA	18	1	6	
ALL EPHEMEROPTERA				179
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	0	2	0	
HYDROPSYCHE	0	1	1	
LEPTOCERIDAE				
OECETIS	7	5	1	
ALL TRICHOPTERA				117
ACARINA	3	0	0	21
GASTROPODA				
AMNICOLA	5	3	7	
PLEUROCERA ACUTA	3	0	1	
ALL GASTROPODA				131

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/ 9/84

TRANSECT 16 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	23	18	25	
SPHAERIUM	0	2	1	
ALL SPHAERIIDAE				475
UNIONIDAE				
LAMPSILIS	0	1	0	
OTHER	1	1	0	
ALL PELECYPODA				496

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/ 9/84

DETROIT RIVER TRANSECT 17 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	0	1	0	7
ALL CNIDARIA				7
RHABDOCOELA	5	6	10	145
TRICLADIDA	2	1	2	34
NEMERTINEA	4	10	0	96
NEMATODA	165	143	209	3560
HIRUDINEA				
ERPOBDELLIDAE	0	1	0	
GLOSSIPHONIIDAE				
HELOBDELLA ELONGATA	0	1	0	
HELOBDELLA STAGNALIS	0	2	2	
ALL HIRUDINEA				41
OLIGOCHAETA				
SPIROSPERMA	19	13	2	
STYLARIA	8	11	8	
OTHER	209	257	228	
ALL OLIGOCHAETA				5199

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/ 9/84

TRANSECT 17 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
POLYCHAETA				
MANAYUNKIA SPECIOSA	10	12	26	331
ALL POLYCHAETA				331
CLADOCERA				
BOSMINA	3	0	0	
SIDA CRYSTALLINA	4	1	19	
ALL CLADOCERA				186
COPEPODA				
HARPACTICOIDA	36	215	0	
MACROCYCLOPS	1	0	0	
ALL COPEPODA				1735
OSTRACODA	0	0	1	7
AMPHIPODA				
GAMMARUS	4	5	7	
HYALELLA AZTECA	0	0	1	
ALL AMPHIPODA				117
ISOPODA				
ASELLUS	15	7	5	186
ALL ISOPODA				186
DIPTERA				
CHIRONOMIDAE	74	116	67	1770

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/ 9/84

TRANSECT 17 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
CAENIDAE				
CAENIS	0	1	0	
EPHEMERIDAE				
HEXAGENIA	7	10	19	
ALL EPHEMEROPTERA				255
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	1	1	0	
HYDROPSYCHE	1	0	1	
LEPTOCERIDAE				
OECETIS	1	0	0	
POLYCENTROPODIDAE				
PHYLOCENTROPUS	4	0	3	
ALL TRICHOPTERA				83
ACARINA	2	4	0	41
GASTROPODA				
AMNICOLA	12	27	23	
ELIMIA LIVESCENS	0	3	2	
FERISSIA	0	3	0	
GYRAULUS	3	1	3	
PHYSA	4	5	1	
PLEUROCERA ACUTA	0	3	0	
ALL GASTROPODA				620

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/ 9/84

TRANSECT 17 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	75	51	27	1054
UNIONIDAE	0	1	0	
ALL PELECYPODA				1061

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/ 9/84

DETROIT RIVER TRANSECT 17 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	11	5	19	241
ALL CNIDARIA				241
TRICLADIDA	0	2	5	48
NEMERTINEA	15	3	29	324
NEMATODA	41	12	20	503
OLIGOCHAETA				
SPIROSPERMA	4	8	21	
STYLARIA	0	1	0	
OTHER	10	19	7	
ALL OLIGOCHAETA				482
POLYCHAETA				
MANAYUNKIA SPECIOSA	397	477	234	7630
ALL POLYCHAETA				7630
CLADOCERA				
BOSMINA	2	1	2	
DAPHNIA	1	0	0	
ALL CLADOCERA				41
COPEPODA				
HARPACTICOIDA	1	0	0	7
ALL COPEPODA				7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/ 9/84

TRANSECT 17 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
OSTRACODA	0	1	0	7
TERRESTRIAL INSECT	1	0	0	7
DIPTERA				
CHIRONOMIDAE	10	1	6	117
EPHEMEROPTERA				
BAETISCIDAE				
BAETISCA	12	9	17	
ALL EPHEMEROPTERA				262
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	374	158	444	
HYDROPSYCHE	26	10	9	
LEPTOCERIDAE				
CERACLEA	0	0	1	
ALL TRICHOPTERA				7038
ACARINA	2	0	1	21
GASTROPODA				
AMNICOLA	29	21	19	
ELIMIA LIVESCENS	32	2	20	
PHYSA	0	1	0	
PLEUROCERA ACUTA	1	0	2	
VALVATA SINCERA	0	1	0	
ALL GASTROPODA				881

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/ 9/84

TRANSECT 17 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	25	9	25	
SPHAERIUM	7	2	4	
ALL SPHAERIIDAE				496
UNIONIDAE				
LAMPSILIS	0	0	1	
OTHER	2	0	1	
ALL PELECYPODA				523

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/ 9/84

DETROIT RIVER TRANSECT 17 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
CORDYLOPHORA LACUSTRIS	0	1	0	
HYDRA	0	11	0	
ALL CNIDARIA				83
RHABDOCOELA	0	0	1	7
TRICLADIDA	0	10	0	69
NEMERTINEA	39	7	11	393
NEMATODA	41	41	21	709
OLIGOCHAETA				
NAIS	0	1	0	
SPIROSPERMA	16	23	37	
OTHER	84	27	83	
ALL OLIGOCHAETA				1866
POLYCHAETA				
MANAYUNKIA SPECIOSA	1027	239	220	10234
ALL POLYCHAETA				10234
CLADOCERA				
BOSMINA	0	1	0	
DAPHNIA	0	1	0	
ALL CLADOCERA				14

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/ 9/84

TRANSECT 17 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
HARPACTICOIDA	0	0	4	28
ALL COPEPODA				28
TERRESTRIAL INSECT	0	0	4	28
DIPTERA				
CHIRONOMIDAE	3	6	25	234
EPHEMEROPTERA				
CAENIDAE				
BRACHYCERCUS	0	0	1	
EPHEMERIDAE				
HEXAGENIA	0	1	0	
BAETISCIDAE				
BAETISCA	11	3	2	
HEPTAGENIIDAE				
STENONEMA	0	2	0	
ALL EPHEMEROPTERA				138
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	30	14	1	
HYDROPSYCHE	4	1	0	
LEPTOCERIDAE				
CERACLEA	0	1	0	
OECETIS	0	1	1	
POLYCENTROPODIDAE				
PHYLOCENTROPUS	0	0	1	
ALL TRICHOPTERA				372

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/ 9/84

TRANSECT 17 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
GASTROPODA				
AMNICOLA	17	21	66	
ELIMIA LIVESCENS	0	1	5	
ALL GASTROPODA				758
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	4	6	52	
SPHAERIUM	2	1	2	
ALL SPHAERIIDAE				461
UNIONIDAE	0	0	2	
ALL PELECYPODA				475

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/84

DETROIT RIVER TRANSECT 18 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	24	60	40	854
TRICLADIDA	85	86	198	2541
NEMERTINEA	66	79	106	1729
NEMATODA	20	120	35	1205
HIRUDINEA				
GLOSSIPHONIIDAE				
GLOSSIPHONIA HETEROCLITA	0	1	1	
ALL HIRUDINEA				14
OLIGOCHAETA				
NAIS	99	90	115	
SPIROSPERMA	268	437	317	
STYLARIA	182	24	601	
OTHER	1566	3229	1371	
ALL OLIGOCHAETA				57152
CLADOCERA				
CAMPTOCERCUS	0	0	17	
SIDA CRYSTALLINA	0	8	0	
ALL CLADOCERA				172

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/84

TRANSECT 18 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
COPEPODA				
CYCLOPS BICUSPIDATUS	0	8	0	
HARPACTICOIDA	16	0	0	
ALL COPEPODA				165
DECAPODA				
ASTACIDAE	0	2	0	14
ALL DECAPODA				14
AMPHIPODA				
GAMMARUS	3	0	38	
HYALELLA AZTECA	0	2	1	
ALL AMPHIPODA				303
ISOPODA				
ASELLUS	0	1	0	7
ALL ISOPODA				7
DIPTERA				
CHIRONOMIDAE	29	42	12	572
TRICHOPTERA				
HYDROPTILIDAE				
HYDROPTILA	1	1	6	
POLYCENTROPODIDAE				
POLYCENTROPUS	4	1	6	
ALL TRICHOPTERA				131
ODONATA				
COENAGRIONIDAE	1	0	4	34

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/84

TRANSECT 18 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
GASTROPODA				
AMNICOLA	1	3	5	
FERISSIA	97	202	494	
GYRAULUS	48	9	31	
PHYSA	5	12	64	
VALVATA TRICARINATA	0	1	0	
ALL GASTROPODA				6694
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	5	28	20	365
ALL PELECYPODA				365

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/84

DETROIT RIVER TRANSECT 18 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	23	55	8	592
TRICLADIDA	12	0	0	83
NEMERTINEA	1	16	16	227
NEMATODA	32	2	16	344
OLIGOCHAETA				
NAIS	64	128	96	
SPIROSPERMA	6	54	85	
OTHER	1718	6206	2963	
ALL OLIGOCHAETA				77957
CLADOCERA				
ILYOCRYPTUS	1	0	0	7
ALL CLADOCERA				7
AMPHIPODA				
GAMMARUS	1	0	1	14
ALL AMPHIPODA				14
DIPTERA				
CERATOPOGONIDAE	1	0	0	
CHIRONOMIDAE	24	1	34	406
ALL DIPTERA				413

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/84

TRANSECT 18 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
ODONATA				
GOMPHIDAE				
GOMPHUS	1	0	0	7
ALL ODONATA				7
GASTROPODA				
FERISSIA	1	1	0	
GYRAULUS	1	16	0	
PHYSA	1	0	0	
ALL GASTROPODA				138
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	1	1	0	14
ALL PELECYPODA				14

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/84

DETROIT RIVER TRANSECT 18 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	30	56	38	854
TRICLADIDA	0	3	0	21
NEMERTINEA	48	18	178	1680
NEMATODA	0	0	16	110
OLIGOCHAETA				
NAIS	0	0	16	
SPIROSPERMA	112	36	48	
OTHER	2129	2517	3547	
ALL OLIGOCHAETA				57882
CLADOCERA				
SIDA CRYSTALLINA	0	0	16	110
ALL CLADOCERA				110
OSTRACODA	0	1	0	7
DIPTERA				
CHIRONOMIDAE	0	0	4	28

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/84

DETROIT RIVER TRANSECT 19 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	34	37	35	730
TRICLADIDA	25	2	12	269
NEMERTINEA	110	43	102	1756
NEMATODA	82	129	123	2300
OLIGOCHAETA				
NAIS	5	4	4	
SPIROSPERMA	95	47	77	
STYLARIA	13	38	30	
OTHER	168	58	123	
ALL OLIGOCHAETA				4559
POLYCHAETA				
MANAYUNKIA SPECIOSA	202	334	402	6460
ALL POLYCHAETA				6460

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/84

TRANSECT 19 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CLADOCERA				
BOSMINA	0	4	2	
CAMPTOCERCUS	0	0	1	
EURYCERCUS LAMELLATUS	0	1	0	
HOLOPEDIUM	0	2	0	
SIDA CRYSTALLINA	1	1	1	
ALL CLADOCERA				90
COPEPODA				
CYCLOPS BICUSPIDATUS	0	2	0	
HARPACTICOIDA	5	6	11	
ALL COPEPODA				165
AMPHIPODA				
GAMMARUS	1	1	4	41
ALL AMPHIPODA				41
TERRESTRIAL INSECT	0	2	0	14
DIPTERA				
CERATOPOGONIDAE	0	5	0	
CHIRONOMIDAE	10	0	6	110
EMPIDIDAE	0	1	0	
ALL DIPTERA				152

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/84

TRANSECT 19 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TRICHOPTERA				
HYDROPTILIDAE				
HYDROPTILA	5	3	1	
ORTHOTRICHIA	0	1	0	
POLYCENTROPODIDAE				
POLYCENTROPUS	0	0	1	
ALL TRICHOPTERA				76
ACARINA	19	1	17	255
GASTROPODA				
AMNICOLA	29	3	13	
ELIMIA LIVESCENS	7	2	4	
FERISSIA	1	0	0	
GYRAULUS	0	4	4	
PHYSA	2	0	8	
ALL GASTROPODA				530
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	47	64	47	1088
ALL PELECYPODA				1088

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/84

DETROIT RIVER TRANSECT 19 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	0	0	1	7
NEMERTINEA	108	233	145	3347
NEMATODA	22	78	105	1412
OLIGOCHAETA				
NAIS	0	0	1	
SPIROSPERMA	27	16	29	
STYLARIA	0	0	1	
OTHER	55	18	38	
ALL OLIGOCHAETA				1274
POLYCHAETA				
MANAYUNKIA SPECIOSA	4	1	6	76
ALL POLYCHAETA				76
CLADOCERA				
BOSMINA	0	3	0	21
ALL CLADOCERA				21
COPEPODA				
DIAPTOMUS	0	0	1	
HARPACTICOIDA	1	0	0	
ALL COPEPODA				14
DIPTERA				
CHIRONOMIDAE	0	0	1	7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/84

TRANSECT 19 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
ACARINA	0	0	1	7
GASTROPODA				
AMNICOLA	1	1	2	
ELIMIA LIVESCENS	3	4	3	
FERISSIA	0	1	0	
ALL GASTROPODA				103

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/84

DETROIT RIVER TRANSECT 19 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
NEMERTINEA	38	109	132	1921
NEMATODA	4	4	3	76
BRYOZOA	0	+	0	+
OLIGOCHAETA				
NAIS	0	0	1	
SPIROSPERMA	25	17	10	
STYLARIA	1	0	0	
OTHER	10	3	2	
ALL OLIGOCHAETA				475
POLYCHAETA				
MANAYUNKIA SPECIOSA	14	3	7	165
ALL POLYCHAETA				165
CLADOCERA				
BOSMINA	0	1	1	
EURYCERCUS LAMELLATUS	0	1	0	
ALL CLADOCERA				21
COPEPODA				
HARPACTICOIDA	0	1	0	7
ALL COPEPODA				7
TERRESTRIAL INSECT	0	1	0	7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/84

TRANSECT 19 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
DIPTERA				
CHIRONOMIDAE	1	0	0	7
EPHEMEROPTERA				
BAETISCIDAE				
BAETISCA	2	0	0	
ALL EPHEMEROPTERA				14
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	1	0	0	
HYDROPSYCHE	3	0	1	
POLYCENTROPODIDAE				
NEURECLIPSIS	0	0	1	
ALL TRICHOPTERA				41
ACARINA	0	2	4	41
GASTROPODA				
AMNICOLA	1	2	0	
ELIMIA LIVESCENS	2	1	6	
PHYSA	0	2	0	
ALL GASTROPODA				96

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/84

DETROIT RIVER TRANSECT 20 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	37	126	53	1488
TRICLADIDA	16	43	19	537
NEMERTINEA	5	9	3	117
NEMATODA	32	167	38	1632
HIRUDINEA				
GLOSSIPHONIIDAE				
HELOBDELLA TRISERIALIS	0	0	1	
ALL HIRUDINEA				7
OLIGOCHAETA				
NAIS	108	192	109	
SPIROSPERMA	94	83	110	
STYLARIA	414	177	497	
OTHER	60	383	196	
ALL OLIGOCHAETA				16686
POLYCHAETA				
MANAYUNKIA SPECIOSA	18	88	38	992
ALL POLYCHAETA				992

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/84

TRANSECT 20 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CLADOCERA				
BOSMINA	0	6	0	
CAMPTOCERCUS	4	0	1	
EURYCERCUS LAMELLATUS	0	2	2	
HOLOPEDIUM	0	1	0	
SIDA CRYSTALLINA	2	0	5	
ALL CLADOCERA				158
COPEPODA				
CYCLOPS VERNALIS	0	1	2	
DIAPTOMUS	0	4	0	
EUCYCLOPS	2	1	0	
EURYTEMORA	1	0	1	
HARPACTICOIDA	0	4	0	
MACROCYCLOPS	0	4	0	
ALL COPEPODA				138
AMPHIPODA				
GAMMARUS	36	95	37	
HYALELLA AZTECA	28	15	7	
ALL AMPHIPODA				1501
ISOPODA				
ASELLUS	3	11	4	124
ALL ISOPODA				124

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/84

TRANSECT 20 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
DIPTERA				
CERATOPOGONIDAE	0	0	1	
CHIRONOMIDAE	75	150	108	2293
EMPIDIDAE	0	1	0	
ALL DIPTERA				2307
EPHEMEROPTERA				
CAENIDAE				
CAENIS	4	24	23	
EPHEMERIDAE				
HEXAGENIA	0	0	1	
AMETROPIDAE				
TRICHORYTHODES	0	1	1	
ALL EPHEMEROPTERA				372
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	2	7	1	
HYDROPSYCHE	1	1	0	
HYDROPTILIDAE				
HYDROPTILA	1	1	0	
ORTHOTRICHIA	0	2	1	
POLYCENTROPODIDAE				
NEURECLIPSIS	77	63	12	
POLYCENTROPUS	0	0	1	
ALL TRICHOPTERA				1171
ACARINA	32	51	54	943

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/84

TRANSECT 20 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
GASTROPODA				
AMNICOLA	34	49	38	
ELIMIA LIVESCENS	0	2	1	
FERISSIA	43	45	46	
GYRAULUS	9	17	22	
PHYSA	6	17	18	
ALL GASTROPODA				2390
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	38	52	136	
SPHAERIUM	1	0	0	
ALL SPHAERIIDAE				1563
ALL PELECYPODA				1563

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/84

DETROIT RIVER TRANSECT 20 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
NEMERTINEA	39	31	28	675
NEMATODA	59	84	91	1611
OLIGOCHAETA				
NAIS	0	1	1	
OTHER	6	9	8	
ALL OLIGOCHAETA				172
CLADOCERA				
BOSMINA	0	0	1	7
ALL CLADOCERA				7
AMPHIPODA				
GAMMARUS	4	0	0	28
ALL AMPHIPODA				28
DIPTERA				
CHIRONOMIDAE	2	0	1	21
EPHEMEROPTERA				
CAENIDAE				
CAENIS	0	0	1	
BAETISCIDAE				
BAETISCA	1	0	0	
AMETROPIDAE				
TRICHORYTHODES	0	1	0	
ALL EPHEMEROPTERA				21

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/84

TRANSECT 20 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	2	3	0	
HYDROPSYCHE	4	6	2	
POLYCENTROPODIDAE				
NEURECLIPSIS	0	0	1	
ALL TRICHOPTERA				124
ACARINA	0	0	2	14
GASTROPODA				
ELIMIA LIVESCENS	20	16	17	
PHYSA	1	1	0	
ALL GASTROPODA				379
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	1	0	0	7
ALL PELECYPODA				7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/84

DETROIT RIVER TRANSECT 20 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CNIDARIA				
HYDRA	0	1	0	7
ALL CNIDARIA				7
RHABDOCOELA	0	1	0	7
TRICLADIDA	1	2	1	28
NEMERTINEA	89	71	25	1274
NEMATODA	106	37	42	1274
OLIGOCHAETA				
SPIROSPERMA	3	2	0	
OTHER	2	2	1	
ALL OLIGOCHAETA				69
POLYCHAETA				
MANAYUNKIA SPECIOSA	3	0	1	28
ALL POLYCHAETA				28
CLADOCERA				
BOSMINA	1	0	0	
ILYOCRYPTUS	0	0	1	
ALL CLADOCERA				14

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/84

TRANSECT 20 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
AMPHIPODA				
GAMMARUS	4	2	1	48
ALL AMPHIPODA				48
TERRESTRIAL INSECT	0	1	0	7
DIPTERA				
CHIRONOMIDAE	2	0	0	14
EPHEMEROPTERA				
CAENIDAE				
CAENIS	1	0	0	
BAETISCIDAE				
BAETISCA	2	1	2	
AMETROPIDAE				
TRICHORYTHODES	0	1	0	
ALL EPHEMEROPTERA				48
TRICHOPTERA				
HYDROPSYCHIDAE				
CHEUMATOPSYCHE	76	3	12	
HYDROPSYCHE	68	21	5	
MACROSTEMUM	1	0	0	
POTAMYIA	1	0	0	
LEPTOCERIDAE				
CERACLEA	0	2	1	
POLYCENTROPODIDAE				
NEURECLIPSIS	2	0	0	
ALL TRICHOPTERA				1322
ACARINA	0	3	1	28

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/84

TRANSECT 20 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
GASTROPODA				
AMNICOLA	1	0	0	
ELIMIA LIVESCENS	12	17	3	
FERISSIA	1	0	0	
PHYSA	2	0	0	
ALL GASTROPODA				248
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	0	0	1	7
ALL PELECYPODA				7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/84

DETROIT RIVER TRANSECT 21 STATION 1

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	44	28	86	1088
TRICLADIDA	7	9	14	207
NEMERTINEA	31	46	62	957
NEMATODA	173	107	189	3230
HIRUDINEA				
GLOSSIPHONIIDAE				
BATRACOBDELLA PHALERA	1	0	0	
ALL HIRUDINEA				7
OLIGOCHAETA				
NAIS	24	15	34	
SPIROSPERMA	72	252	90	
STYLARIA	43	40	46	
OTHER	136	217	143	
ALL OLIGOCHAETA				7658
POLYCHAETA				
MANAYUNKIA SPECIOSA	261	1386	311	13484
ALL POLYCHAETA				13484

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/84

TRANSECT 21 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
CLADOCERA				
BOSMINA	0	0	4	
CAMPTOCERCUS	4	0	0	
SIDA CRYSTALLINA	20	10	12	
ALL CLADOCERA				344
COPEPODA				
MACROCYCLOPS	37	19	60	799
ALL COPEPODA				799
AMPHIPODA				
GAMMARUS	6	1	10	117
ALL AMPHIPODA				117
DIPTERA				
CHIRONOMIDAE	17	67	49	916
TRICHOPTERA				
HYDROPSYCHIDAE				
HYDROPSYCHE	1	0	0	
POLYCENTROPODIDAE				
NEURECLIPSIS	0	1	0	
POLYCENTROPUS	4	0	4	
ALL TRICHOPTERA				69
ACARINA	10	3	3	110

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/84

TRANSECT 21 STATION 1 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
GASTROPODA				
AMNICOLA	22	17	21	
FERISSIA	2	14	1	
GYRAULUS	5	1	0	
PHYSA	4	5	1	
PLEUROCERA ACUTA	1	1	0	
ALL GASTROPODA				654
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	31	106	30	1150
ALL PELECYPODA				1150

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/84

DETROIT RIVER TRANSECT 21 STATION 2

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	12	2	7	145
NEMERTINEA	9	360	23	2700
NEMATODA	2	6	8	110
OLIGOCHAETA				
SPIROSPERMA	19	9	61	
OTHER	495	147	342	
ALL OLIGOCHAETA				7389
POLYCHAETA				
MANAYUNKIA SPECIOSA	0	20	0	138
ALL POLYCHAETA				138
COPEPODA				
HARPACTICOIDA	0	10	0	69
ALL COPEPODA				69
AMPHIPODA				
GAMMARUS	1	0	1	14
ALL AMPHIPODA				14
DIPTERA				
CHIRONOMIDAE	6	0	1	48
EPHEMEROPTERA				
BAETISCIDAE				
BAETISCA	0	1	0	
ALL EPHEMEROPTERA				7

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/84

TRANSECT 21 STATION 2 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	0	39	33	496

ALL PELECYPODA				496

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/84

DETROIT RIVER TRANSECT 21 STATION 3

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
RHABDOCOELA	0	0	5	34
NEMERTINEA	3	114	12	888
NEMATODA	5	43	4	358
OLIGOCHAETA				
SPIROSPERMA	0	53	8	
OTHER	0	63	230	
ALL OLIGOCHAETA				2438
POLYCHAETA				
MANAYUNKIA SPECIOSA	0	11	12	158
ALL POLYCHAETA				158
COPEPODA				
DIAPTOMUS	0	1	0	
HARPACTICOIDA	0	6	0	
ALL COPEPODA				48
AMPHIPODA				
GAMMARUS	0	1	0	7
ALL AMPHIPODA				7
DIPTERA				
CHIRONOMIDAE	0	0	2	14

MACROZOOBENTHOS PONAR GRAB COUNT DATA 10/11/84

TRANSECT 21 STATION 3 (CONT'D)

TAXON	GRAB COUNTS 1	2	3	ESTIMATED NO./SQ. METER
EPHEMEROPTERA				
CAENIDAE				
CAENIS	0	1	0	
ALL EPHEMEROPTERA				7
TRICHOPTERA				
HYDROPSYCHIDAE				
HYDROPSYCHE	9	0	0	
POLYCENTROPODIDAE				
NEURECLIPSIS	1	0	0	
ALL TRICHOPTERA				69
GASTROPODA				
AMNICOLA	1	0	0	
ELIMIA LIVESCENS	1	5	0	
ALL GASTROPODA				48
PELECYPODA				
SPHAERIIDAE				
PISIDIUM	0	3	21	165
ALL PELECYPODA				165