

ICI METRICS AND SCORES FOR CUYAHOGA RIVER SAMPLING LOCATIONS, AUGUST 2009.

| L | | I | | T | M | C | D | | P | | P | P | P | P | P | P | P | P | P | P | P | P | P | |
|-----------|-------|-----|----|-------|----|---|---|---|---|---|----|---|-----|---|----|---|-----|---|----|---|-----|---|----|---|
| O | | D | C | | N | A | A | | A | N | I | | P | | P | P | P | P | P | P | P | P | P | |
| C | | R | I | T | U | X | N | Y | N | D | U | P | P | M | P | C | E | T | R | O | E | T | U | |
| A | M | N | T | O | M | S | U | S | U | S | M | S | E | A | E | A | R | A | O | T | R | O | A | |
| T | O | A | O | T | T | C | M | C | M | C | D | C | R | Y | R | D | T | N | T | H | T | L | L | |
| I | N | R | T | N | A | O | M | O | C | O | I | O | M | S | C | S | A | S | H | S | O | S | E | |
| O | Y | E | A | U | X | R | A | R | A | R | P | R | A | C | A | C | N | C | E | C | L | C | P | |
| N | R | A | L | M | A | E | Y | E | D | E | T | E | Y | R | D | R | Y | R | R | R | N | R | T | |
| RM 7.00 | Aug09 | 786 | 42 | 5,732 | 26 | 4 | 2 | 0 | 5 | 4 | 14 | 6 | 3.7 | 2 | 51 | 6 | 31 | 6 | 15 | 6 | 1.7 | 6 | 9 | 2 |
| RM 8.30 | Aug09 | 746 | 34 | 5,874 | 37 | 6 | 2 | 0 | 6 | 6 | 22 | 6 | 8.8 | 2 | 36 | 6 | 20 | 4 | 32 | 2 | 11 | 0 | 10 | 2 |
| RM 8.60 | Aug09 | 746 | 36 | 7,090 | 34 | 4 | 3 | 2 | 5 | 4 | 19 | 6 | 6.2 | 2 | 53 | 6 | 9.5 | 2 | 29 | 4 | 3.6 | 4 | 9 | 2 |
| RM 10.10* | Aug09 | 744 | 38 | 8,674 | 29 | 4 | 1 | 0 | 6 | 6 | 16 | 6 | 12 | 2 | 43 | 6 | 16 | 4 | 28 | 4 | 3.7 | 4 | 9 | 2 |
| RM 10.30* | Aug09 | 744 | 40 | 9,303 | 28 | 4 | 3 | 2 | 4 | 4 | 18 | 6 | 6.9 | 2 | 54 | 6 | 21 | 4 | 17 | 6 | 2.4 | 4 | 8 | 2 |
| RM 10.75 | Aug09 | 743 | 42 | 9,045 | 32 | 4 | 4 | 2 | 6 | 6 | 16 | 6 | 11 | 2 | 60 | 6 | 7.8 | 2 | 21 | 4 | 1.4 | 6 | 12 | 4 |
| RM 11.30 | Aug09 | 730 | 36 | 6,379 | 27 | 4 | 3 | 2 | 5 | 4 | 11 | 4 | 17 | 4 | 45 | 6 | 14 | 4 | 22 | 4 | 4 | 2 | 9 | 2 |
| RM 12.10 | Aug09 | 709 | 38 | 5,027 | 27 | 4 | 2 | 0 | 5 | 4 | 15 | 6 | 14 | 4 | 40 | 6 | 16 | 4 | 30 | 4 | 2.2 | 4 | 9 | 2 |
| RM 16.20 | Aug09 | 696 | 36 | 9,262 | 17 | 2 | 2 | 0 | 5 | 4 | 10 | 4 | 15 | 4 | 69 | 6 | 4 | 2 | 13 | 6 | 0.3 | 6 | 11 | 2 |

* It was noted that the sites for RM 10.10 and RM 10.30 were inadvertently switched and was corrected on 02/02/10

Number, Percent, and/or Taxa Composition of Organisms Collected in the Hester-Dendy and Qualitative Samples at Location Cuyahoga River (RM 7.00), August 2009.

| TAXA | Hester | | Qual |
|------------------------------|--------|--------|------|
| | No. | % | |
| Turbellaria | 1 | 0.02 | X |
| Plumatella | -- | -- | X |
| Oligochaeta | -- | -- | X |
| Helobdella stagnalis | 16 | 0.28 | X |
| Erpobdella punctata punctata | -- | -- | X |
| Mooreobdella microstoma | -- | -- | X |
| Caecidotea | 1 | 0.02 | X |
| Gammarus | -- | -- | X |
| Orconectes | -- | -- | X |
| Baetis intercalaris | 194 | 3.38 | X |
| Baetis flavistriga | -- | -- | X |
| Stenacron | -- | -- | X |
| Maccaffertium terminatum | 17 | 0.30 | X |
| Hetaerina | -- | -- | X |
| Polycentropus | -- | -- | X |
| Cheumatopsyche | 2,212 | 38.59 | X |
| Hydropsyche depravata grp. | 1 | 0.02 | X |
| Hydropsyche orris | 243 | 4.24 | X |
| Ceratopsyche morosa | 450 | 7.85 | X |
| Ceratopsyche sparna | 1 | 0.02 | -- |
| Ancyronyx variegata | 1 | 0.02 | X |
| Macronychus glabratus | 1 | 0.02 | X |
| Stenelmis | -- | -- | X |
| Berosus | -- | -- | X |
| Natarsia sp. A | -- | -- | X |
| Nilotanytus fimbriatus | 48 | 0.84 | -- |
| Thienemannimyia grp. | 128 | 2.23 | X |
| Thienemanniella xena | 32 | 0.56 | -- |
| Cricotopus tremulus grp. | 32 | 0.56 | X |
| Cricotopus bicinctus grp. | 96 | 1.67 | X |
| Tvetenia discoloripes grp. | -- | -- | X |
| Cryptochironomus | -- | -- | X |
| Phaenopsectra obediens | 32 | 0.56 | -- |
| Polypedilum flavum | 464 | 8.09 | X |
| Polypedilum scalaenum grp. | -- | -- | X |
| Paratanytarsus | 80 | 1.40 | -- |
| Rheotanytarsus | 1,568 | 27.36 | X |
| Tanytarsus | 32 | 0.56 | -- |
| Tanytarsus glabrescens grp. | 48 | 0.84 | X |
| Tanytarsus sepp | 32 | 0.56 | X |
| Simulium | 1 | 0.02 | X |
| Hemerodromia | 1 | 0.02 | -- |
| TOTAL | 5,732 | 100.00 | |
| Total Taxa Richness | 26 | | 35 |

Number, Percent, and/or Taxa Composition of Organisms Collected in the Hester-Dendy and Qualitative Samples at Location Cuyahoga River (RM 8.30), August 2009.

| TAXA | Hester | | Qual |
|-----------------------------|--------|--------|------|
| | No. | % | |
| Plumatella | -- | -- | X |
| Oligochaeta | 96 | 1.63 | -- |
| Mooreobdella microstoma | 2 | 0.03 | -- |
| Caecidotea | 32 | 0.54 | -- |
| Gammarus | 1 | 0.02 | -- |
| Baetis intercalaris | 385 | 6.55 | X |
| Maccaffertium terminatum | 129 | 2.20 | X |
| Tricorythodes | -- | -- | X |
| Cheumatopsyche | 1,701 | 28.96 | X |
| Hydropsyche depravata grp. | 32 | 0.54 | X |
| Hydropsyche orris | 65 | 1.11 | X |
| Ceratopsyche morosa | 226 | 3.85 | X |
| Ceratopsyche sparna | 32 | 0.54 | X |
| Hydroptila | 33 | 0.56 | X |
| Nectopsyche candida | -- | -- | X |
| Ancyronyx variegata | 162 | 2.76 | -- |
| Macronychus glabratus | 1 | 0.02 | X |
| Stenelmis | 33 | 0.56 | X |
| Thienemannimyia grp. | 160 | 2.72 | X |
| Thienemanniella xena | 256 | 4.36 | -- |
| Cardiocladius | 32 | 0.54 | -- |
| Cricotopus tremulus grp. | 64 | 1.09 | X |
| Cricotopus bicinctus grp. | 416 | 7.08 | X |
| Cricotopus sylvestris grp. | 128 | 2.18 | -- |
| Nanocladius distinctus | 32 | 0.54 | -- |
| Rheocricotopus robacki | 32 | 0.54 | -- |
| Tvetenia discoloripes grp. | 32 | 0.54 | X |
| Dicrotendipes neomodestus | 64 | 1.09 | -- |
| Dicrotendipes lucifer | 32 | 0.54 | -- |
| Glyptotendipes | 64 | 1.09 | -- |
| Microtendipes | 32 | 0.54 | -- |
| Phaenopsectra obediens | 32 | 0.54 | -- |
| Polypedilum flavum | 320 | 5.45 | -- |
| Polypedilum halterale grp. | 32 | 0.54 | X |
| Paratanytarsus | 64 | 1.09 | -- |
| Rheotanytarsus | 832 | 14.16 | X |
| Tanytarsus | 64 | 1.09 | -- |
| Tanytarsus glabrescens grp. | 32 | 0.54 | -- |
| Tanytarsus sepp | 192 | 3.27 | -- |
| Xenochironomus xenolabis | 32 | 0.54 | -- |
| Simulium | -- | -- | X |
| Corbicula fluminea | -- | -- | X |
| TOTAL | 5,874 | 100.00 | |
| Total Taxa Richness | 37 | | 21 |

Number, Percent, and/or Taxa Composition of Organisms Collected in the Hester-Dendy and Qualitative Samples at Location Cuyahoga River (RM 8.60), August 2009.

| TAXA | Hester | | Qual |
|-----------------------------|--------|--------|------|
| | No. | % | |
| Turbellaria | 81 | 1.14 | X |
| Plumatella | -- | -- | X |
| Oligochaeta | 128 | 1.81 | X |
| Mooreobdella microstoma | 16 | 0.23 | -- |
| Caecidotea | -- | -- | X |
| Gammarus | 2 | 0.03 | X |
| Baetis intercalaris | 323 | 4.56 | X |
| Baetis flavistriga | -- | -- | X |
| Maccaffertium terminatum | 81 | 1.14 | X |
| Tricorythodes | 33 | 0.47 | X |
| Hetaerina | -- | -- | X |
| Boyeria vinosa | -- | -- | X |
| Cheumatopsyche | 2,433 | 34.32 | X |
| Hydropsyche orris | 130 | 1.83 | X |
| Ceratopsyche morosa | 1,090 | 15.37 | X |
| Ceratopsyche sparna | 64 | 0.90 | X |
| Hydroptila | 48 | 0.68 | -- |
| Nectopsyche candida | -- | -- | X |
| Helichus | -- | -- | X |
| Ancyronyx variegata | 48 | 0.68 | X |
| Macronychus glabratus | 80 | 1.13 | X |
| Stenelmis | 50 | 0.71 | X |
| Natarsia sp. A | -- | -- | X |
| Thienemannimyia grp. | 608 | 8.58 | X |
| Corynoneura | -- | -- | X |
| Thienemanniella xena | 32 | 0.45 | -- |
| Thienemanniella taurocapita | -- | -- | X |
| Cardiocladius | 96 | 1.35 | X |
| Cricotopus tremulus grp. | 80 | 1.13 | X |
| Cricotopus bicinctus grp. | 96 | 1.35 | X |
| Nanocladius distinctus | 32 | 0.45 | -- |
| Rheocricotopus robacki | 96 | 1.35 | -- |
| Tvetenia discoloripes grp. | 128 | 1.81 | X |
| Cryptochironomus | 32 | 0.45 | X |
| Dicrotendipes fumidus | 32 | 0.45 | -- |
| Dicrotendipes simpsoni | -- | -- | X |
| Glyptotendipes | 48 | 0.68 | -- |
| Polypedilum flavum | 432 | 6.09 | X |
| Polypedilum halterale grp. | 48 | 0.68 | X |
| Polypedilum illinoense | -- | -- | X |
| Polypedilum laetum | -- | -- | X |
| Polypedilum scalaenum grp. | 48 | 0.68 | X |
| Rheotanytarsus | 608 | 8.58 | X |
| Tanytarsus | -- | -- | X |
| Tanytarsus glabrescens grp. | 32 | 0.45 | X |
| Tanytarsus sepp | 32 | 0.45 | -- |
| Simulium | 2 | 0.03 | X |
| Tipula | 1 | 0.01 | -- |
| Corbicula fluminea | -- | -- | X |
| Musculium | -- | -- | X |
| TOTAL | 7,090 | 100.00 | |
| Total Taxa Richness | 34 | | 41 |

Number, Percent, and/or Taxa Composition of Organisms Collected in the Hester-Dendy and Qualitative Samples at Location Cuyahoga River (RM 10.10), August 2009.

| TAXA | Hester | | Qual |
|--------------------------------------|--------|--------|------|
| | No. | % | |
| Turbellaria | 2 | 0.02 | X |
| Oligochaeta | 33 | 0.38 | X |
| Caecidotea | 16 | 0.18 | X |
| Gammarus | -- | -- | X |
| Baetis intercalaris | 996 | 11.48 | X |
| Baetis flavistriga | -- | -- | X |
| Maccaffertium terminatum | -- | -- | X |
| Cheumatopsyche | 2,115 | 24.38 | X |
| Hydropsyche depravata grp. | 32 | 0.37 | X |
| Hydropsyche orris | 739 | 8.52 | X |
| Ceratopsyche morosa | 770 | 8.88 | X |
| Ceratopsyche sparna | 32 | 0.37 | X |
| Hydroptila | 32 | 0.37 | -- |
| Nectopsyche candida | -- | -- | X |
| Ancyronyx variegata | 1 | 0.01 | X |
| Macronychus glabratus | 82 | 0.95 | X |
| Stenelmis | 16 | 0.18 | X |
| Thienemannimyia grp. | 256 | 2.95 | X |
| Diamesa | -- | -- | X |
| Thienemanniella xena | 192 | 2.21 | -- |
| Thienemanniella taurocapita | -- | -- | X |
| Cardiocladius | 32 | 0.37 | X |
| Cricotopus tremulus grp. | 288 | 3.32 | X |
| Cricotopus bicinctus grp. | 128 | 1.48 | -- |
| Cricotopus trifascia grp. | -- | -- | X |
| Nanocladius distinctus | 160 | 1.84 | -- |
| Nanocladius crassicornus/rectinervis | 32 | 0.37 | -- |
| Parametriochnemus | 64 | 0.74 | -- |
| Tvetenia discoloripes grp. | 288 | 3.32 | X |
| Cryptochironomus | -- | -- | X |
| Dicrotendipes neomodestus | 32 | 0.37 | -- |
| Polypedilum flavum | 896 | 10.33 | X |
| Polypedilum halterale grp. | -- | -- | X |
| Polypedilum illinoense | -- | -- | X |
| Polypedilum laetum | -- | -- | X |
| Polypedilum scalaenum grp. | 32 | 0.37 | -- |
| Saetheria | -- | -- | X |
| Paratanytarsus | 32 | 0.37 | -- |
| Rheotanytarsus | 1,216 | 14.02 | X |
| Tanytarsus | 128 | 1.48 | X |
| Tanytarsus glabrescens grp. | 32 | 0.37 | -- |
| Simulium | -- | -- | X |
| TOTAL | 8,674 | 100.00 | |
| Total Taxa Richness | 29 | | 32 |

* It was noted that the sites for RM 10.10 and RM 10.30 were inveterately switched and was corrected on 02/02/10

Number, Percent, and/or Taxa Composition of Organisms Collected in the Hester-Dendy and Qualitative Samples at Location Cuyahoga River (RM 10.30), August 2009.

| TAXA | Hester | | Qual |
|---|--------|--------|------|
| | No. | % | |
| Turbellaria | 1 | 0.01 | -- |
| Plumatella | -- | -- | X |
| Oligochaeta | -- | -- | X |
| Mooreobdella microstoma | -- | -- | X |
| Caecidotea | -- | -- | X |
| Gammarus | -- | -- | X |
| Orconectes | -- | -- | X |
| Hydracarina | -- | -- | X |
| Baetis intercalaris | 611 | 6.57 | X |
| Baetis flavistriga | -- | -- | X |
| Maccaffertium terminatum | 34 | 0.37 | X |
| Tricorythodes | 1 | 0.01 | X |
| Hetaerina | -- | -- | X |
| Argia | -- | -- | X |
| Enallagma | -- | -- | X |
| Sialis | -- | -- | X |
| Cheumatopsyche | 3,045 | 32.73 | X |
| Hydropsyche depravata grp. | 193 | 2.07 | -- |
| Hydropsyche orris | 932 | 10.02 | X |
| Ceratopsyche morosa | 835 | 8.98 | X |
| Nectopsyche candida | -- | -- | X |
| Ancyronyx variegata | 34 | 0.37 | X |
| Macronychus glabratus | 33 | 0.35 | X |
| Stenelmis | -- | -- | X |
| Natarsia sp. A | -- | -- | X |
| Thienemannimyia grp. | 224 | 2.41 | X |
| Thienemanniella xena | 96 | 1.03 | -- |
| Cardiocladius | 32 | 0.34 | X |
| Cricotopus tremulus grp. | 32 | 0.34 | -- |
| Cricotopus bicinctus grp. | 128 | 1.38 | -- |
| Nanocladius distinctus | 64 | 0.69 | X |
| Nanocladius crassicornus/rectinervis | 32 | 0.34 | -- |
| Rheocricotopus robacki | 32 | 0.34 | -- |
| Tvetenia discoloripes grp. | 256 | 2.75 | -- |
| Chironomus | -- | -- | X |
| Dicrotendipes neomodestus | 32 | 0.34 | -- |
| Parachironomus | 32 | 0.34 | -- |
| Phaenopsectra obediens | -- | -- | X |
| Polypedilum flavum | 576 | 6.19 | X |
| Polypedilum illinoense | 32 | 0.34 | X |
| Polypedilum scalaenum grp. | 32 | 0.34 | -- |
| Paratanytarsus | 32 | 0.34 | X |
| Rheotanytarsus | 1,856 | 19.95 | X |
| Tanytarsus glabrescens grp. | 32 | 0.34 | X |
| Tanytarsus sepp | 64 | 0.69 | -- |
| Simulium | -- | -- | X |
| Hemerodromia | -- | -- | X |
| TOTAL | 9,303 | 100.00 | |
| Total Taxa Richness | 28 | | 35 |

* It was noted that the sites for RM 10.10 and RM 10.30 were inveterately switched and was corrected on 02/02/10

Number, Percent, and/or Taxa Composition of Organisms Collected in the Hester-Dendy and Qualitative Samples at Location Cuyahoga River (RM 10.75), August 2009.

| TAXA | Hester | | Qual |
|--------------------------------------|--------|--------|------|
| | No. | % | |
| Turbellaria | 1 | 0.01 | X |
| Plumatella | -- | -- | X |
| Oligochaeta | 33 | 0.36 | X |
| Mooreobdella microstoma | -- | -- | X |
| Gammarus | 17 | 0.19 | X |
| Baetis intercalaris | 818 | 9.04 | X |
| Baetis flavistriga | 80 | 0.88 | X |
| Maccaffertium terminatum | 65 | 0.72 | X |
| Tricorythodes | 16 | 0.18 | X |
| Cheumatopsyche | 3,012 | 33.30 | X |
| Hydropsyche depravata grp. | 193 | 2.13 | X |
| Hydropsyche orris | 194 | 2.14 | X |
| Hydropsyche dicantha | -- | -- | X |
| Ceratopsyche morosa | 1,795 | 19.85 | X |
| Ceratopsyche sparna | 192 | 2.12 | X |
| Hydroptila | 1 | 0.01 | X |
| Nectopsyche candida | -- | -- | X |
| Ancyronyx variegata | 32 | 0.35 | X |
| Macronychus glabratus | 34 | 0.38 | X |
| Stenelmis | 49 | 0.54 | X |
| Thienemannimyia grp. | 48 | 0.53 | X |
| Thienemanniella taurocapita | 48 | 0.53 | -- |
| Cardiocladius | 48 | 0.53 | X |
| Cricotopus tremulus grp. | -- | -- | X |
| Cricotopus bicinctus grp. | 32 | 0.35 | X |
| Nanocladius distinctus | 32 | 0.35 | X |
| Nanocladius crassicornus/rectinervis | 48 | 0.53 | -- |
| Parametriocnemus | 32 | 0.35 | -- |
| Tvetenia discoloripes grp. | 432 | 4.78 | X |
| Cryptochironomus | -- | -- | X |
| Microtendipes | -- | -- | X |
| Polypedilum fallax grp. | 32 | 0.35 | -- |
| Polypedilum flavum | 1,024 | 11.32 | X |
| Polypedilum halterale grp. | 32 | 0.35 | X |
| Polypedilum illinoense | -- | -- | X |
| Polypedilum laetum | -- | -- | X |
| Polypedilum scalaenum grp. | -- | -- | X |
| Saetheria | -- | -- | X |
| Paratanytarsus | 32 | 0.35 | -- |
| Rheotanytarsus | 544 | 6.01 | X |
| Tanytarsus | 32 | 0.35 | -- |
| Tanytarsus glabrescens grp. | 96 | 1.06 | -- |
| Tanytarsus sepp | -- | -- | X |
| Simulium | 1 | 0.01 | X |
| Hemerodromia | -- | -- | X |
| Potamilus alatus | -- | -- | X |
| TOTAL | 9,045 | 100.00 | |
| Total Taxa Richness | 32 | | 39 |

Number, Percent, and/or Taxa Composition of Organisms Collected in the Hester-Dendy and Qualitative Samples at Location Cuyahoga River (RM 11.30), August 2009.

| TAXA | Hester | | Qual |
|---|--------|--------|------|
| | No. | % | |
| Turbellaria | 17 | 0.27 | X |
| Oligochaeta | 16 | 0.25 | X |
| Erpobdella punctata punctata | 1 | 0.02 | -- |
| Mooreobdella microstoma | 2 | 0.03 | X |
| Caecidotea | 1 | 0.02 | X |
| Gammarus | -- | -- | X |
| Baetis intercalaris | 1,009 | 15.82 | X |
| Baetis flavistriga | -- | -- | X |
| Maccaffertium terminatum | 48 | 0.75 | X |
| Tricorythodes | 17 | 0.27 | X |
| Hetaerina | -- | -- | X |
| Chimarra obscura | 16 | 0.25 | -- |
| Cheumatopsyche | 1,826 | 28.63 | X |
| Hydropsyche depravata grp. | 32 | 0.50 | -- |
| Hydropsyche orris | 193 | 3.03 | X |
| Ceratopsyche morosa | 801 | 12.56 | X |
| Ceratopsyche sparna | -- | -- | X |
| Nectopsyche candida | -- | -- | X |
| Ancyronyx variegata | 48 | 0.75 | X |
| Macronychus glabratus | 112 | 1.76 | X |
| Stenelmis | 32 | 0.50 | X |
| Thienemannimyia grp. | 48 | 0.75 | X |
| Cardiocladius | 16 | 0.25 | X |
| Cricotopus tremulus grp. | -- | -- | X |
| Cricotopus bicinctus grp. | 48 | 0.75 | X |
| Nanocladius distinctus | 192 | 3.01 | -- |
| Nanocladius crassicornus/rectinervis | 128 | 2.01 | -- |
| Tvetenia discoloripes grp. | 80 | 1.25 | -- |
| Cryptochironomus | -- | -- | X |
| Polypedilum flavum | 816 | 12.79 | X |
| Polypedilum halterale grp. | -- | -- | X |
| Polypedilum laetum | -- | -- | X |
| Polypedilum scalaenum grp. | -- | -- | X |
| Stictochironomus | -- | -- | X |
| Rheotanytarsus | 736 | 11.54 | X |
| Tanytarsus glabrescens grp. | 112 | 1.76 | -- |
| Tanytarsus sepp | 16 | 0.25 | -- |
| Simulium | -- | -- | X |
| Hemerodromia | 16 | 0.25 | -- |
| TOTAL | 6,379 | 100.00 | |
| Total Taxa Richness | 27 | | 30 |

Number, Percent, and/or Taxa Composition of Organisms Collected in the Hester-Dendy and Qualitative Samples at Location Cuyahoga River (RM 12.10), August 2009.

| TAXA | Hester | | Qual |
|-----------------------------|--------|--------|------|
| | No. | % | |
| Turbellaria | 1 | 0.02 | -- |
| Oligochaeta | 64 | 1.27 | X |
| Mooreobdella microstoma | -- | -- | X |
| Gammarus | -- | -- | X |
| Orconectes | -- | -- | X |
| Hydracarina | -- | -- | X |
| Baetis intercalaris | 644 | 12.81 | X |
| Maccaffertium integrum | -- | -- | X |
| Maccaffertium terminatum | 34 | 0.68 | X |
| Tricorythodes | -- | -- | X |
| Cheumatopsyche | 1,189 | 23.65 | X |
| Hydropsyche depravata grp. | 64 | 1.27 | -- |
| Hydropsyche orris | 96 | 1.91 | X |
| Ceratopsyche morosa | 610 | 12.13 | X |
| Ceratopsyche sparna | 32 | 0.64 | X |
| Nectopsyche candida | -- | -- | X |
| Ancyronyx variegata | -- | -- | X |
| Macronychus glabratus | 50 | 0.99 | X |
| Stenelmis | 16 | 0.32 | X |
| Natarsia sp. A | -- | -- | X |
| Thienemannimyia grp. | 64 | 1.27 | X |
| Thienemanniella xena | 64 | 1.27 | -- |
| Thienemanniella taurocapita | -- | -- | X |
| Cardiocladius | 48 | 0.95 | X |
| Cricotopus bicinctus grp. | 16 | 0.32 | -- |
| Cricotopus trifascia grp. | 64 | 1.27 | -- |
| Nanocladius distinctus | 16 | 0.32 | -- |
| Rheocricotopus robacki | 16 | 0.32 | -- |
| Tvetenia discoloripes grp. | 192 | 3.82 | -- |
| Chironomus | 16 | 0.32 | -- |
| Cryptochironomus | -- | -- | X |
| Phaenopsectra obediens | -- | -- | X |
| Polypedilum flavum | 672 | 13.37 | X |
| Polypedilum halterale grp. | 64 | 1.27 | X |
| Polypedilum scalaenum grp. | 64 | 1.27 | X |
| Saetheria | -- | -- | X |
| Micropsectra | -- | -- | X |
| Rheotanytarsus | 736 | 14.64 | X |
| Tanytarsus glabrescens grp. | 48 | 0.95 | -- |
| Anopheles | -- | -- | X |
| Simulium | 146 | 2.90 | X |
| Hemerodromia | -- | -- | X |
| Ferrissia | 1 | 0.02 | X |
| Corbicula fluminea | -- | -- | X |
| TOTAL | 5,027 | 100.00 | |
| Total Taxa Richness | 27 | | 34 |

Number, Percent, and/or Taxa Composition of Organisms Collected in the Hester-Dendy and Qualitative Samples at Location Cuyahoga River (RM 16.20), August 2009.

| TAXA | Hester | | Qual |
|-----------------------------|--------|--------|------|
| | No. | % | |
| Turbellaria | -- | -- | X |
| Plumatella | -- | -- | X |
| Oligochaeta | -- | -- | X |
| Mooreobdella microstoma | -- | -- | X |
| Caecidotea | -- | -- | X |
| Gammarus | -- | -- | X |
| Baetis intercalaris | 1,349 | 14.56 | X |
| Baetis flavistriga | -- | -- | X |
| Maccaffertium terminatum | 17 | 0.18 | X |
| Tricorythodes | -- | -- | X |
| Boyeria grafiana | -- | -- | X |
| Boyeria vinosa | -- | -- | X |
| Cheumatopsyche | 2,498 | 26.97 | X |
| Hydropsyche depravata grp. | 96 | 1.04 | -- |
| Hydropsyche orris | 290 | 3.13 | X |
| Hydropsyche dicantha | -- | -- | X |
| Ceratopsyche morosa | 3,363 | 36.31 | X |
| Ceratopsyche sparna | 96 | 1.04 | X |
| Hydroptila | -- | -- | X |
| Nectopsyche candida | -- | -- | X |
| Ancyronyx variegata | -- | -- | X |
| Macronychus glabratus | -- | -- | X |
| Stenelmis | -- | -- | X |
| Ceratopogonidae | -- | -- | X |
| Thienemannimyia grp. | -- | -- | X |
| Thienemanniella xena | 144 | 1.55 | X |
| Cardiocladius | 16 | 0.17 | X |
| Cricotopus tremulus grp. | 16 | 0.17 | X |
| Cricotopus bicinctus grp. | 16 | 0.17 | X |
| Cricotopus trifascia grp. | -- | -- | X |
| Nanocladius distinctus | 16 | 0.17 | -- |
| Nanocladius | | | |
| crassicornus/rectinervis | 48 | 0.52 | -- |
| Tvetenia discoloripes grp. | 368 | 3.97 | X |
| Cryptochironomus | -- | -- | X |
| Microtendipes | -- | -- | X |
| Polypedilum flavum | 528 | 5.70 | X |
| Polypedilum halterale grp. | -- | -- | X |
| Polypedilum laetum | -- | -- | X |
| Polypedilum scalaenum grp. | -- | -- | X |
| Rheotanytarsus | 368 | 3.97 | X |
| Tanytarsus | -- | -- | X |
| Tanytarsus glabrescens grp. | -- | -- | X |
| Simulium | 33 | 0.36 | X |
| Antocha | -- | -- | X |
| Corbicula fluminea | -- | -- | X |
| Musculium | -- | -- | X |
| TOTAL | 9,262 | 100.00 | |
| Total Taxa Richness | 17 | | 43 |