

COUNT LIST

Macroinvertebrates in the Huron River System

Stream: _____ Site: _____ Date of Collection: _____
 ID Verified By: _____ Your name: _____

Directions: As the ID expert identifies a macroinvertebrate, record the letter of the cell.
 After identification, count the number of each type.

♥ Indicates sensitive groups

Check this box if the team used a Mystery Jar

Cell	Count	Taxa
PLECOPTERA – STONEFLIES		
		Capniidae — slender winter ♥ (adults walk on snow)
		Nemouridae — broadback ♥
		Perlidae — Perlid stonefly ♥ (common stonefly in early summer)
		Perlodidae — stripetail ♥
		Taeniopterygidae — winter broad-back ♥

Cell	Count	Taxa
Ephemeroptera – MAYFLIES		
		Baetidae — small minnow mayfly
		Baetiscidae — armored mayfly
		Caenidae — small, square gills (often in silt)
		Ephemeridae — common burrower
		Ephemerellidae — spiny crawler mayfly ♥
		Heptageniidae — flathead mayfly
		Isonychiidae — brush-legged mayfly ♥
		Leptophlebiidae — pronggill mayfly ♥
		Metretopodidae — cleft minnow mayfly ♥
		Oligoneuridae — brush-legged mayfly ♥
		Polymitarcyidae — pale burrowers ♥
		Potamanthidae — hacklegill
		Siphonuridae — primitive minnow mayfly
		Tricorythidae — little stout crawlers (quite tolerant)

Cell	Count	Taxa
HEMIPTERA – TRUE BUGS		
		Belostomatidae — giant water bug
		Corixidae — water boatman
		Gerridae — water strider
		Mesoveliidae — water treaders
		Naucoridae — creeping water bug
		Nepidae — water scorpions
		Notonectidae — back-swimmers
		Pleidae — pigmy back-swimmers
		Veliidae — short-legged striders

Cell	Count	Taxa
TRICHOPTERA – CADDISFLIES		
<i>(Build Cases or Spin Nets)</i>		
		Brachycentridae — humpless case makers ♥
		Glossosomatidae — saddle-case makers ♥ (in cool streams with current)
		Goeridae — rock case-maker
		Helicopsychidae — snail-case caddisfly (tolerate warmer water)
		Hydropsychidae — common net-spinner (often abundant)
		Hydroptilidae — purse-case caddisfly (don't require flow)
		Lepidostomatidae — square bark case-maker ♥
		Leptoceridae — long-horned case makers
		Limnephilidae — northern caddisfly
		Molannidae — hoodcase maker
		Odontoceridae — strong-case makers ♥
		Philopotamidae — finger-net caddisfly (in riffles only)
		Phryganeidae — giant case-maker (common in slow flows)
		Polycentropodidae — spotted head
		Psychomyiidae — net-tube caddisfly ♥
		Rhyacophilidae — free-living caddisfly ♥
		Uenoidae — rock case-maker

Cell	Count	Taxa
ODONATA – DAMSEL AND DRAGONFLIES		
ANISOPTERA – DRAGONFLIES		
		Aeshnidae — darner
		Cordulegastridae — biddy
		Corduliidae — green-eyed skimmer
		Gomphidae — clubtail ♥
		Libellulidae — common skimmer
		Macromiidae — cruiser
ZYGOPTERA – DAMSELFLIES		
		Calopterygidae — broad-winged damselfly
		Coenagrionidae — narrow-winged damselfly
		Lestidae — spread-winged damselfly

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Cell	Count	Taxa
MEGALOPTERA — DOBSONFLIES		
		Corydalidae — dobson fly or hellgrammite ♥
		Sialidae — alderfly

Cell	Count	Taxa
COLEOPTERA — BEETLES		
		Chrysomelidae — aquatic leaf beetle
		Curculionidae — weevil
		Dryopidae — long-toed water beetle
		Dytiscidae — predacious diving beetle
		Elmidae — riffle beetle
		Gyrinidae — whirligig beetle
		Haliplidae — crawling beetle
		Hydrophilidae — water scavenger beetle
		Lampyridae- firefly (larva only)
		Noteridae — burrowing water beetle
		Psephenidae — water penny (larva only)
		Scirtidae — marsh beetle
		Staphylinidae — rove beetle

Cell	Count	Taxa
COLLEMBOLA — springtail		

Cell	Count	Taxa
DIPTERA — TRUE FLIES		
		Athericidae — watersnipe fly ♥
		Ceratopogonidae — no-see-um
		Chironomidae — midge
		Chaoboridae — phantom midges
		Culicidae — mosquito
		Dixidae — dixid midges ♥
		Dolichopodidae — aquatic long-legged fly
		Empididae — aquatic dance fly
		Ephydriidae — shore, brine fly
		Muscidae — muscoid fly
		Ptychopteridae — phantom crane fly
		Sciomyzidae — marsh fly
		Simuliidae — black fly
		Stratiomyidae — soldier fly
		Syrphidae — flower fly, rat-tailed maggots
		Tabanidae — deer fly, horse fly
		Tipulidae — crane fly

Cell	Count	Taxa
LEPIDOPTERA		
		Pyralidae — aquatic Pyralid moths

MISCELLANEOUS MACROINVERTEBRATES		
Most of the macroinvertebrates we collect are insects, but there are other kinds as well, including worms, snails, and leeches, and others.		
Cell	Count	Taxa
ARTHROPODA -- CRUSTACEA (CRUSTACEANS)		
		Decapoda — crayfish
		Isopoda — sowbug
		Amphipoda — scud
ARTHROPODA- Arachnida (mites)		
		Hydracarina — water mites
MOLLUSCA- Snails and Clams		
GASTROPODA – SNAILS AND LIMPETS		
(Have a single shell.)		
		Ancylidae – limpet; have a flat cone
		Right-handed snail
		Physidae — pouch snail; left-handed spiral
		Planorbidae – coiled in one plane; has no operculum
MOLLUSCA- Snails and Clams		
PELECYPODA – BIVALVES; CLAMS AND MUSSELS		
<i>(Have a pair of symmetrical shells joined by a ligament.)</i>		
		Dreissenidae — zebra mussels
		Corbiculidae — Asiatic clam (three cardinal teeth below umbo)
		Sphaeriidae – fingernail clams; usually tiny with a thin shell
		Unionidae – large unless very young (either Anodonta or Elliptio)
OTHER NOTES:		

Cell	Count	Taxa
PLATYHELMINTHES		
		Turbellaria – flatworm

Cell	Count	Taxa
ANNELIDA		
		Hirudinea – leech
		Oligochaeta — worm

Cell	Count	Taxa
PORIFERA – FRESHWATER SPONGES		

Cell	Count	Taxa
BRYOZOA – MOSS ANIMALS		

