

NAME: _____

MACROINVERTEBRATE GAME

EXTRA CREDIT: Identify each macroinvertebrate by its common name and give the taxon (e.g., order) to which it belongs. Choose from the list on the last page. Print out and bring to lab.

1. Most pollution-sensitive organism; excellent indicator of good stream quality; two tails; gills on thorax under legs



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2. Gills along abdomen for respiration; usually three tails, but may have only two; another pollution-sensitive organism and indicator of good stream quality



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3. Hides in a protective case of stone, sand or twigs; pollution-intolerant



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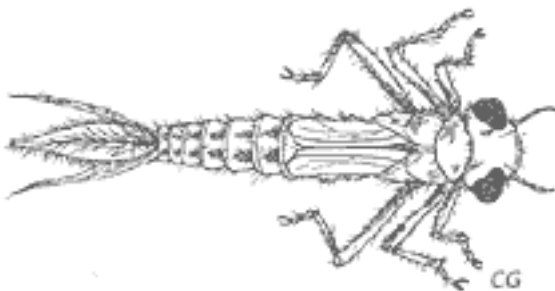
4. Belong to the same order as #3; have hair-like gills along abdomen; moderately pollution-tolerant; be specific with identification



5. A third member of the same order; also moderately pollution-tolerant (Be specific with identification.)



6. Three paddle-shaped gills on tip of abdomen; predator of mayfly nymphs and mosquito larvae; moderately pollution tolerant



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7. Ferocious predator; squirts water for propulsion; moderately pollution tolerant



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8. Small worm-like organism; swims by flexing rapidly; pollution-tolerant



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9. Larvae resemble plump caterpillars; “tentacles” for breathing; adults look like giant mosquitoes; pollution tolerant.

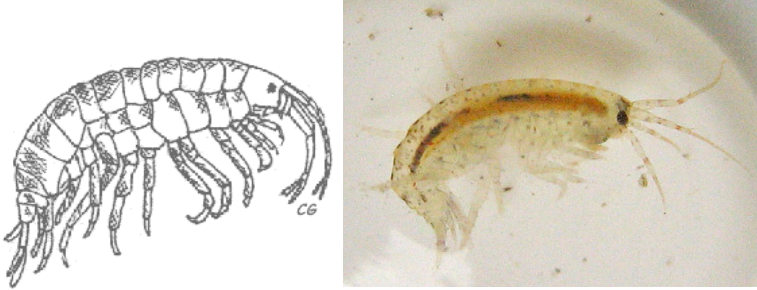


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10. Two “fans” on head; adult females suck blood; pollution tolerant



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11. Crustacean resembling a small shrimp: flattened laterally; pollution tolerant



12. Pollution-tolerant crustacean; body flattened top to bottom



13. Large, gill filaments along abdomen; pointed tail filament



14. Long, somewhat flattened body; large fleshy gills along abdomen; 2 prolegs at the end



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For each organism choose the common name and taxon.

COMMON NAME

Dobsonfly nymph
Alderfly nymph
Damselfly nymph
Dragonfly nymph
Caddisfly, case-builder
Caddisfly, free-living
Caddisfly, net-spinning
Crane fly larva
Stonefly nymph
Mayfly nymph
Midge larva
Black fly larva
Scud
Sow bug

TAXON

Isopoda
Amphipoda
Diptera
Trichoptera
Plecoptera
Ephemeroptera
Megaloptera
Odonata