

The most common orders where similar multiple family types occur are Ephemeroptera, Trichoptera, Plecoptera (EPT), Diptera and a few others not included below. The level-2 metrics require that these groups as well as a few others not listed here are identified to the common groups. Some of the more common families can be easily identified once you learn to recognize them.

Mayflies (**Ephemeroptera**)

Swimming mayflies

Ameletidae (Ameletid minnow mayfly); *Baetidae* (Small minnow mayfly); *Siphonuridae* (Primitive minnow mayfly)

Burrowing mayflies

Ephemeridae (Burrowing mayfly); *Potamanthidae* (Hackle-gilled mayfly)

Others that can easily be identified to family-level

Beatiscidae (Armored mayfly)

Heptageniidae (Flatheaded mayfly)

Isonychiidae (Brush-legged mayfly)

Clinging/crawling mayflies

Caenidae (Square-gilled mayfly); *Ephemerellidae* (Spiny crawler mayfly); *Tricorythidae* (Stout crawler mayfly)

Stoneflies (**Plecoptera**)

Winter stoneflies

Capniidae (Small winter stonefly); *Leuctridae* (Rolled-wing stonefly); *Taeniopterygidae* (Winter stonefly)

Others that can easily be identified to family-level

Nemouridae (Little brown stonefly)

Peltoperlidae (Roach-like stonefly)

Pteronarcyidae (Giant stonefly)

Patterned stoneflies

Chloroperlidae (Green stonefly); *Perlidae* (Common stonefly); *Perlodidae* (Perlodid stonefly)

Caddisflies (**Trichoptera**)

Net-spinning caddisflies

Philopotamidae (Finger-net caddisfly); *Polycentropodidae* (Tube-net caddisfly); *Psychomiidae* (Trumpet-net caddisfly)

Case-building caddisflies

Brachycentridae (Humpless-case caddisfly); *Glossosomatidae* (Saddle-case caddisfly); *Helicopsychidae* (Snail-case caddisfly); *Hydroptilidae* (Purse-case caddisfly); *Lepidostomatidae* (Lepidostomatid-case caddisfly); *Leptoceridae* (Longhorn-case caddisfly); *Limnephilidae* (Northern-case caddisfly); *Molannidae* (Hooded-case caddisfly); *Phryganeidae* (Giant-case caddisfly); *Uenoidae* (Uenoid-case caddisfly)

Note: Generally, many case-building families can be identified based upon the type of case constructed.

Others that can easily be identified to family-level

Hydropsychidae (Common netspinner)

Rhyacophilidae (Free-living caddisfly)

True flies (**Diptera**)

Midges

Ceratopogonidae (Biting midge); *Chironomidae* (Non-biting midge)

Others that can easily be identified to family-level

Blephariceridae (Net-wing midge)

Dixidae (Dixid midge)

Simuliidae (Black fly)

Flies

Athericidae (Watersnipe fly); *Empididae* (Dance fly); *Tipulidae* (Crane fly); *Tabanidae* (Horse fly)