

## KEY 5

FIRST LEVEL OF RESOLUTION

NYMPHS WITH JOINTED LEGS

3 (or 2) TAILS (FILAMENTS) AT BACK  
NO EXTENDIBLE LOWER LIP (LABIUM)

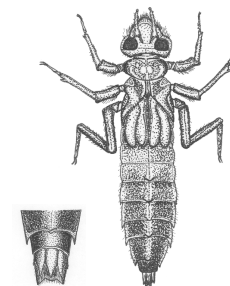
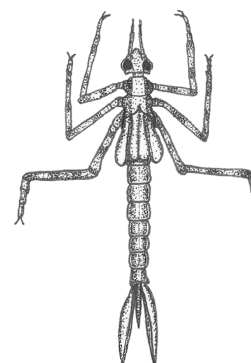
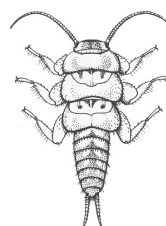
3 FLAT PADDLES OR POINTS AT BACK  
EXTENDIBLE LOWER LIP

3 (or 2) TAILS WITH LATERAL  
ABDOMINAL GILLS.  
Mayflies (Order Ephemeroptera)

2 TAILS WITHOUT LATERAL  
ABDOMINAL GILLS.  
Stoneflies (Order Plecoptera)

3 FLAT PADDLES AT BACK

POINTS AT BACK

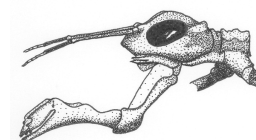
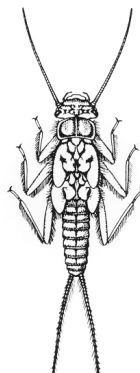
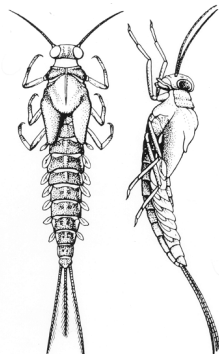
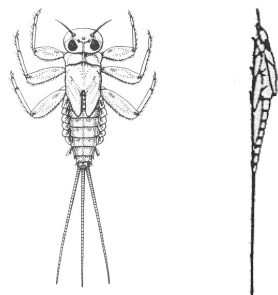


Body shape ovoid.  
Flat in cross section.

Body shape cylindrical.  
Round in cross section.

Bright color pattern.  
Very active.

Dull brown or black  
sluggish



Damselflies  
(Suborder Zygoptera)

Dragonflies  
(Suborder Anisoptera)

Families Heptageniidae,  
Ephemerellidae (in part)

Families Baetidae, Leptophlebiidae,  
Ephemerellidae (in part), Ephemeridae

Setipalpi Stoneflies

Filipalpi Stoneflies

**PREDATORS**

**PREDATORS**

**SCRAPERS**

**GATHERING  
COLLECTORS**

**PREDATORS**

**SHREDDERS**