

## HELLGRAMMITE WORKSHEET ANSWER KEY

1.) Match the Insect to its Description:

**A** Caddisfly

**A.** Dark, moth-like bugs that have long antennae and wings that are hairy rather than scaly. They can be found in and around healthy, fast-flowing streams.

**B** Hellgrammite

**B.** the larvae form of a Dobsonfly. They are aquatic, have long segmented bodies, and have two pinchers on their head.

2.) Hellgrammites Have How Many...

Antennae **2**

Eyes **2**

Legs **6**

3.) How Many Claws are on the End of Each Hellgrammites Leg?

A. 4

**B. 2**

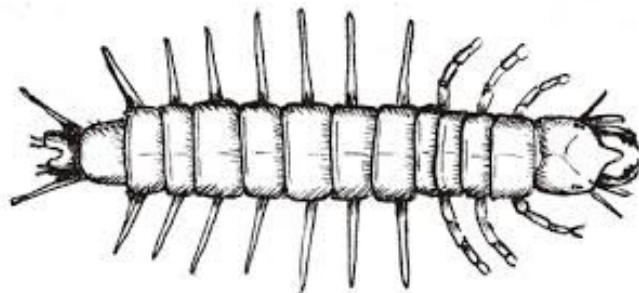
C. 3

D. 6

4.) Briefly Describe the Life Cycle of a Hellgrammite.

Hellgrammite will leave water, dig a hole, spin a cocoon around himself, shed his skin and turn into a dobsonfly

5.) Sketch a Photo of a Hellgrammite in the Space Below:



## MAYFLY WORKSHEET ANSWER KEY

1.) Fill in the Blank.

Burrowing Mayfly: a short lived insect with large eyes, two sets of wings and three tails.

2.) Mayflies Have How Many...

Antennae 2 Eyes 2 Legs 6

3.) How Many Claws are on the end of Each Mayflies Leg?

A. 1 B. 2 C. 4 D. 6

4.) A Burrowing Mayfly Does NOT Have a Mouth

True or False

5.) Briefly Describe and Explain the Difference of a “Dun” and a “Spinner”

Dun: Also Known As a Subimago. Life stage after nymph, emerges with opaque wings, first of two adult stages.

Spinner: Also Known As an Imago. Life stage after Dun. Final life stage of the Mayfly

## CADDISFLY WORKSHEET ANSWER KEY

1.) Circle the Definition Below that Most Closely Represents what a Caddisfly is.

- A. Dark, moth-like bugs that have long antennae and wings that are hairy rather than scaly.
- B. A Slender insect with transparent wings, the larvae of which live in clean running water.
- C. A Short lived insect with large eyes, two sets of wings, and three tails

2.) Why does Dean refer to the Caddisfly as the “Three Little Pigs?”

Because they are capable of building “houses.”

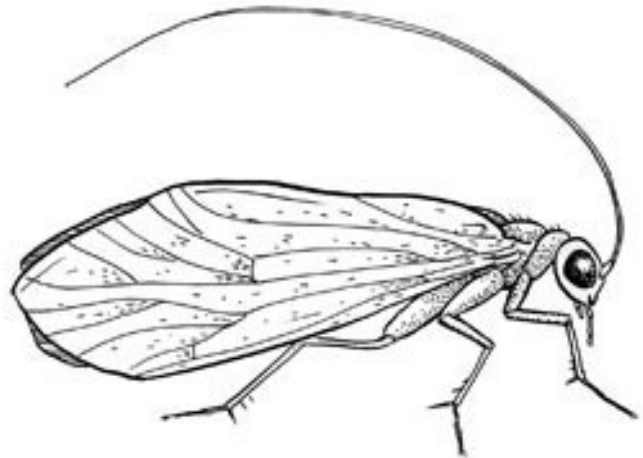
3.) What is on the back end of a Caddisfly?

- A. a tail
- B. Two Tails
- C. Prolegs
- D. Eyes

4.) Briefly Describe why an Emerging Caddisfly Hatch is Unique.

The Caddisfly will jump or shoot up out of the water, unlike a Mayfly which will sit atop the water.

5.) Sketch a Photo of a Caddisfly Below.



## STONEFLY WORKSHEET ANSWER KEY

1.) How many claws are on the end of each stonefly's leg?

A.3

B.2

C.4

D.1

2.) Describe what can damage stonefly gills or negatively impact stonefly respiration?

Runoff from storms in the form of sediment or herbicides and pesticides from farm fields.

3.) Stoneflies have how many wing pads? 4

4.) What do stoneflies like to eat?

A. Other insects

B. Small fish

C. Dead leaves

5.) How many legs does a stonefly have? How many legs do most insects have?

Stoneflies have 6 legs. Most insects have 6 legs, but some have 0!