

# AMI Word Search

H P G Q M B A A J X A K B X O G M C W G  
K Z N L W J C Q B S F R L O J I S P J D  
C E U Q E L L B L P I L G M I L Z Z B Q  
A I N V E R T E B R A T E S Y L G T X W  
M U F A W I J H Z H B O F S J S W K Z H  
A Q L Y Y N Q T Y U C C D G Y Q O Z V I  
Y R W P H D T Q I R C S T O N E F L Y O  
F I K L M I Y L K H Z Z T A M B H G P W  
L V B N D C I Q O B J X R Q N Q O T M X  
Y E I Y W A R L P L N O V U L H T A F E  
J R N M C T A M U A P C T A Q S H H P A  
K S C P A O V L P R C N A T L R O K N B  
M W O H D R B W A V U B S I U Y R X J D  
J I M N D S E P I A Q U M C N G A C Y O  
R Y P I I C C X I V Q P Z S N A X G U M  
J G L I S M E T A M O R P H O S I S U E  
N Y E W S G Z E O W Z V I N S E C T S N  
M E T E Y S N V X C U U J Q E N D Q H E  
Y H E B Z T Z I C V C O M P L E T E S J  
L A K E S K N B B Z H W U L X O A A D Z

Search for the words in **bold** in the puzzle above. Words are arranged up, down, and backwards.

**Aquatic macro invertebrates** (AMI) are important to the overall health of our waters. They provide food for larger members of the food web, and are **indicators** of water quality. This means that we can tell how healthy the water is by what types of AMI's live there.

Many AMI's are **insects** that spend most of their life underwater, and part of their life above water. Some have an **incomplete** life cycle (egg – **nymph** – adult) and include mayflies and stoneflies as examples. Some have a **complete** life cycle (egg – larva- **pupa** – adult) and include caddis flies, and midges. AMI's that have a complete life cycle go through a change called **metamorphosis** that makes the adult look different from the larva.

**Mayfly** nymphs can have two or three tails. They have **gills** on their **abdomen**, and they are usually good swimmers. Mayflies live in lakes, creeks and large rivers. **Stonefly** nymphs always have two tails, gills on their **thorax**, and crawl or walk from place to place. Stoneflies are found in rocky, fast moving **rivers**. **Caddis fly larva** build cases around themselves built out of small pebbles, twigs, or dead plants. Caddis flies prefer rivers but can be found in **lakes** as well.