

# Meeting Macroinvertebrates

## Water Discovery

Name: \_\_\_\_\_



### Find-a-Word

WaterNSW operates more than 40 dams across New South Wales. These dams are home to many water bugs (freshwater macroinvertebrates). Can you find all of the water bugs hidden in this puzzle? The words may be written in any direction.

- |                |                    |                   |            |        |          |
|----------------|--------------------|-------------------|------------|--------|----------|
| ADULT          | LARVAE             | NYMPHS            | PUPAE      | EGGS   | MOSQUITO |
| DIVING BEETLE  | DRAGONFLY          | DAMSEFLY          | STONEFLY   | MAYFLY |          |
| CADDISFLY      | RIFFLE BEETLE      | ALDERFLY          | NEEDLE BUG |        |          |
| WATER BEETLE   | WHIRLYGIG          | WATERBOATMAN      | WATER MITE |        |          |
| WATER STRIDER  | GIANT WATER BUG    | BACKSWIMMER       |            |        |          |
| WATER SCORPION | FRESH WATER SHRIMP | MACROINVERTEBRATE |            |        |          |

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



### Matching Game

Draw a line to match each water bug definition with its word.

Watch Giant Water Bugs hatch at [www.youtube.com/watch?v=xiRDfD89J1A](http://www.youtube.com/watch?v=xiRDfD89J1A)

- |  |                         |
|--|-------------------------|
| 1. Animals without a backbone.                         | <b>A. EGGS</b>          |
| 2. Mate and lay eggs.                                  | <b>B. MACRO</b>         |
| 3. Hatch from eggs.                                    | <b>C. PUPAE</b>         |
| 4. Not a fully formed adult (between larva and adult). | <b>D. INVERTEBRATES</b> |
| 5. Laid by female adults.                              | <b>E. NYMPHS/LARVAE</b> |
| 6. A root word that means "large".                     | <b>F. ADULTS</b>        |



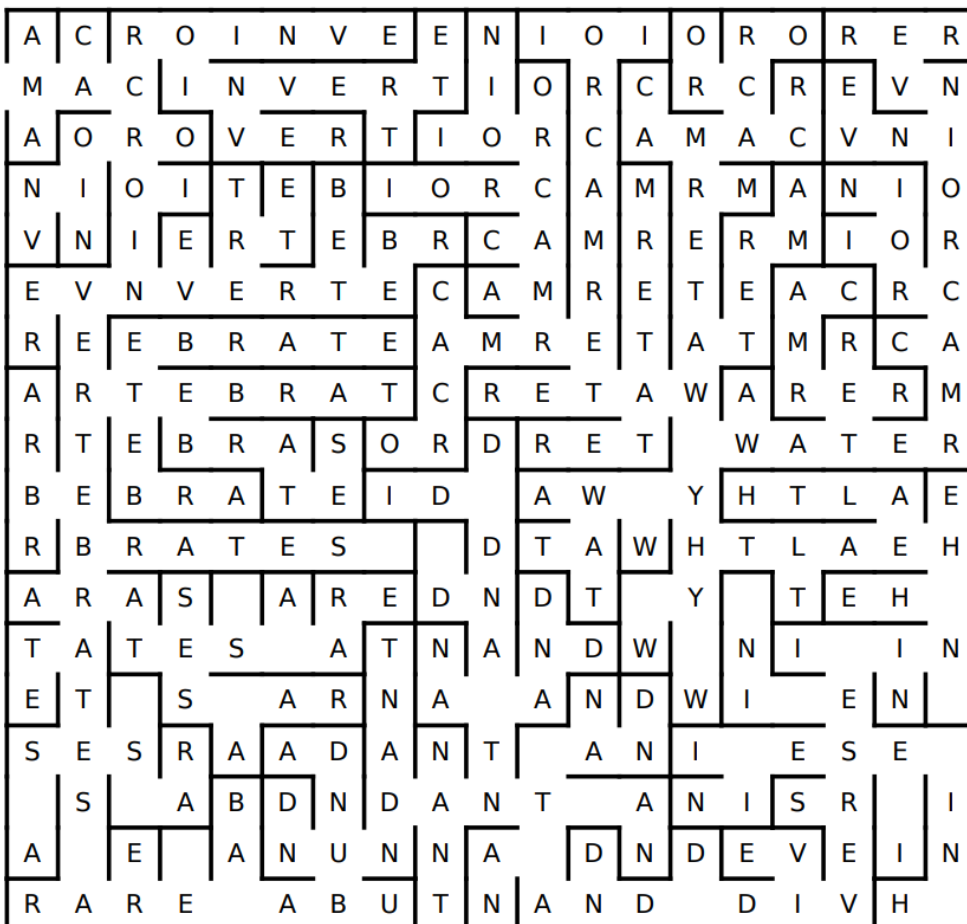
### Maze

Water bugs are indicators of water quality.

Some macroinvertebrates are more sensitive to the health of their water than others.

Find your way through the maze following this important message:

MACROINVERTEBRATES ARE ABUNDANT AND DIVERSE IN HEALTHY WATER



Water striders' legs are covered in hairs that trap air and make them super buoyant. They can support fifteen times their weight without sinking!

