

Attachment B: Gibbon River Study Worksheet

1. In what year was the overall percentage of New Zealand mud snails greatest? _____
2. Which of the four sample sites had the highest percentage of New Zealand mud snails in 2004? _____
3. When the percentage of New Zealand mud snails in Sites C and D declined between 2002 and 2003, what happened to the percentage of EPT species in the same sites? _____
4. Which two types of macroinvertebrates in Site B showed a gradual steady increase from 2002 to 2004?

5. In what year did New Zealand mudsnails account for the highest percentage of macroinvertebrates in Site B? _____
6. In Yellowstone, New Zealand mud snails are uncommon upstream of thermal additions. The data indicates which of the sites is upstream of thermal activity? _____
7. In 2003, a total of 75 individual macroinvertebrates were collected in Site B. How many of these were non-insects (other than New Zealand mud snails)? _____
8. In 2002, a total of 50 individual macroinvertebrates were collected in Site D. Five of the macroinvertebrates were *Coleoptera*. These five account for what percentage of the total? _____
9. In Site C, what type of macroinvertebrates accounted for 2/3 of the total number collected in 2004? _____
10. What do you think the Gibbon River looks like? Draw a picture in the space below, label Sites A-D, and using the sites as a reference, mark where you think the river receives additions of thermal water.