



## TRM Crayfish Study Long Form 2021

This is data collection form for The River Mile's Crayfish Study is for those participating in the full study. It can be used with any method of data collection.

You do not have to report all data. Location and species are required. If you do not know the species, please submit a photo and we will identify for you.

### Required Identification Information

**Date of Submission:** \_\_\_\_\_

**Time of Submission:** \_\_\_\_\_

#### Site Identification

Please provide the unique site identification for the area of collection. For example: Spring Canyon Day Use Area.

This is not the specific location/data point of where you collected each specimen.

#### Collector Identification

Students, please use your teacher's last name.

Adults, please use your first and last name.

#### School/Organization

#### What is your role with the group?

- Teacher/Leader
- Assistant/Chaperone
- Student (K-12)
- Participant (adult)
- Other

#### Group Grade Level

- |                                       |                               |
|---------------------------------------|-------------------------------|
| <input type="radio"/> Kindergarten    | <input type="radio"/> 8th     |
| <input type="radio"/> 1st Grade       | <input type="radio"/> 9th     |
| <input type="radio"/> 2nd             | <input type="radio"/> 10th    |
| <input type="radio"/> 3rd             | <input type="radio"/> 11th    |
| <input type="radio"/> 4th             | <input type="radio"/> 12th    |
| <input type="radio"/> 5th             | <input type="radio"/> College |
| <input type="radio"/> 6th             | <input type="radio"/> Adult   |
| <input type="radio"/> 7 <sup>th</sup> |                               |
| <input type="radio"/> Other           |                               |

# Core Parameters

Collection Date \_\_\_\_\_ Collection Time \_\_\_\_\_

Water Temperature (in Celcius) \_\_\_\_\_

Specific Conductivity (inuS) \_\_\_\_\_

pH \_\_\_\_\_

Dissolved Oxygen (in mg/L) \_\_\_\_\_

Air Temperature (in Celcius) \_\_\_\_\_

Wind Speed (in mph) \_\_\_\_\_

## Wind Direction

- North
- North-North East
- Northeast
- East-Northeast
- East
- East-Southeast
- Southeast
- South
- South-Southwest
- Southwest
- West-Southwest
- West
- West-Northwest
- Northwest
- North-Northwest

Precipitation on Set Date? \_\_\_\_\_

Precipitation on Pull Date? \_\_\_\_\_

## Bank Conditions

- Muddy
- Sandy
- Rocky
- Vegetated
- Other

## Bank Substrate

- Mud (silt/clay)
- Sand (particle diameter 0.06-2mm)
- Granule (particle diameter 2-4mm)
- Pebble (particle diameter 4-6.4mm)
- Cobble (particle diameter 6.4mm-25.6cm)
- Boulder (particle diameter particle diameter >25.6cm)
- Sheer Cliff
- Other

# Data Collection Method

What method of data collection was used?

- Trap
- Net
- Caught by Hand
- Found (dead)
- Unknown
- Other

What day and time did you set the trap?

Date \_\_\_\_\_ Time \_\_\_\_\_

What day and time did you pull the trap?

Date \_\_\_\_\_ Time \_\_\_\_\_

Collection Depth (in meters) \_\_\_\_\_

## Crayfish Species

- Northern Crayfish (*Orconecte Virilis*)



- Rusty Crayfish (*Orconecte rusticus*)



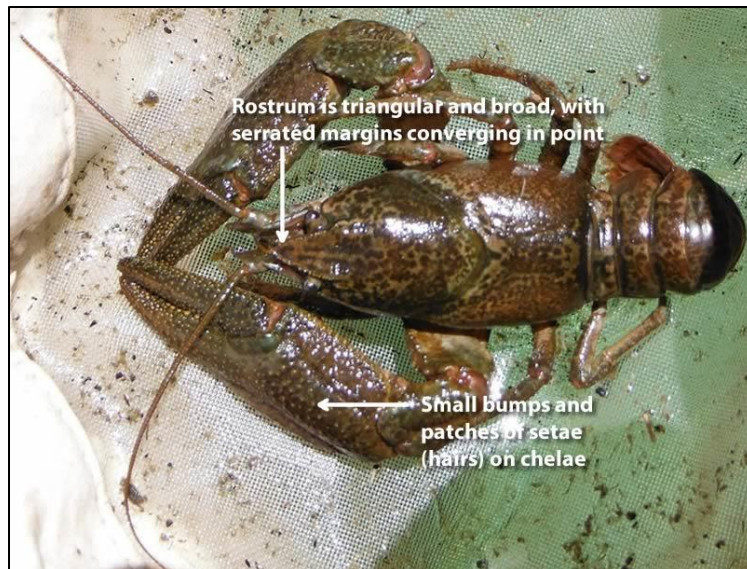
- Signal Crayfish (*Pacifastacus leniusculus*)



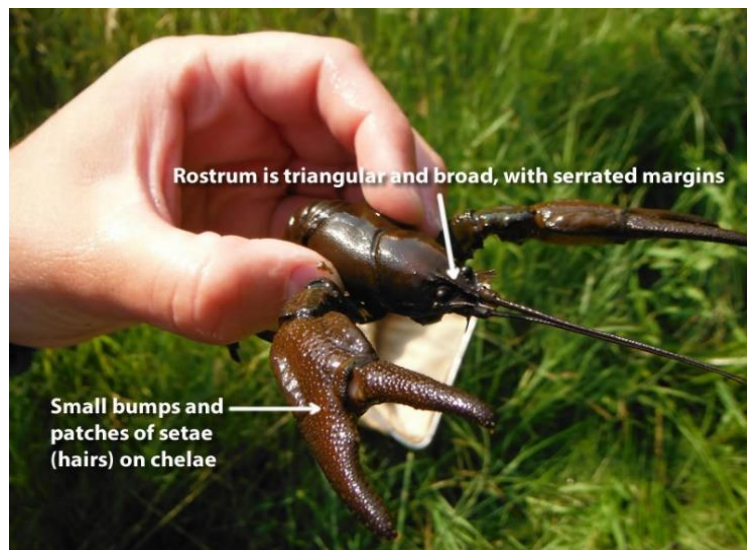
- Red Swam Crayfish (*Proambarus clarkia*)



- Pilos Crayfish (*Pacifastacus gambelii*)



- Snake River Pilose (*Pacifastacus Connectens*)



- Unknown please provide a photo
- Other Species: please provide the species common and scientific name

**Alive, Dead or partial remains**

- Alive
- Dead
- Partial Remains (pieces)

**Uploading a photo? (Required if you are not sure of species)**

\_\_\_\_\_Yes\_\_\_\_\_No

**Photo name(s)**

**Sex**

- Female
- Male
- Don't know

**Weight**\_\_\_\_\_

**Carapace Length (in centimeters)**\_\_\_\_\_

**Total Length (in centimeters)**\_\_\_\_\_

**Name/Id of Data Entry Person**\_\_\_\_\_