



STONEFLY SEARCH DATA SHEET

Site # _____ : Stream Name: _____

Names of *everyone* on the team: _____

Time of Arrival: _____

Instructions:

FIRST: Take a water sample before you stir up the stream bottom. Rinse the labeled plastic jar three times before filling it with stream or river water.

SECOND: Search for stoneflies. Look for leaf packs that have been submerged for a long time - old ones are usually black and slimy. Leaf packs may be in or just below a riffle, but also look in slower places or near the edge where leaves or sticks may get snagged. Also collect in riffles and in a variety of other habitats. **We're only collecting stoneflies** today. Use the sketch and magnifying glass to assist you in identifying a stonefly. The key characteristic of a stonefly is the presence of two tails.

Don't look much longer than 15-20 minutes.

Notes:

How many **leaf packs** did you search? _____

How many **net samples** did you take (approximate)? _____

What **other habitats** did you sample (please describe)? _____

Please describe **how abundant** the stoneflies were at this site:

None Rare Some Frequent Abundant

Length of time spent collecting in the stream: _____ minutes

What kinds of creatures did you find in the stream but did not collect (optional)? _____

Total **number of jars** containing the bugs: _____ **Be certain they're labeled in pencil!**

Be sure to thoroughly **RINSE THE NET** to remove any creatures before leaving the site.

Please describe any ways that your team's work or experience at this site was unusual, or anything unusual about the site itself:

Please include any suggestions for improvements in the procedure or any other comments on the **evaluation sheet**.

Remember to take everything with you when you leave the site.

EQUIPMENT LIST

- Forceps
- Jars
- Trays
- Water Sample (in plastic jar)
- Magnifiers
- Squirt Bottle
- First aid kit
- Study site sign
- Bucket
- Waders
- Net
- Ground Tarp/Shower Curtain
- Garbage Bag
- Nametags
- Binder
- Pencils

(HRWC staff will fill this out after identifying the stoneflies.)

Family	Abundance	Notes