# SSHCZO Metadata Worksheet

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| Data File Name | Summary Results for Shale Hills Critical Zone Unit, Spring/Summer 2012 Benthic Macroinvertebrate Survey  |
| Date Prepared | 1/19/2018 |
| Descriptive Title | Woodland and streamside amphibian community survey |
| Update Frequency | One time survey in 2012 |
| Abstract | The objectives of this semi-quantitative study were to 1) provide a summary list of the taxa present, along with ecological descriptions of intermittent stream fauna; and 2) conduct a biological assessment consisting of diversity indices and an index of biotic integrity. |
| InvestigatorContact Info | Susan Yetter, Research Assistant, Riparia, 302 Walker Building, The Pennsylvania State University, University Park, PA 16802; 814.863.3208; sel131@psu.edu |
| Data Value Descriptions | * COL1: Label=Group
* COL2: Label=Family
* COL3: Label=Genus/Species
* COL4: Label=Common Name
* COL5: Label=Erosional Habitat – 17E
* COL6: Label=Erosional Habitat – 29E
* COL7: Label=Erosional Habitat – 69E
* COL8: Label=Erosional Habitat – 74E
* COL9: Label=Depositional Habitat – 45D
* COL10: Label=Depositional Habitat – 102D
* COL11: Label=Depositional Habitat – 117D
* COL12: Label=Depositional Habitat – 138D
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| Keywords | Macroplots, erosional habitat, depositional habitat, genus/species |
| Methods | * Eight benthic macroinvertebrate habitats randomly selected, 4 erosional & 4 depositional.
* Water quality measurements collected, specific conductivity, temperature, pH.
* 0.3 m wide D-frame dip net of 500 μ mesh placed upstream, contents collected were rinsed and preserved in 70% EtOH.
* Each of 8 samples sorted and all specimens identified to genus level.
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| Sites | Shale Hills |
| Publications | This report |
| Citation | The following acknowledgment should accompany any publication or citation of these data: Logistical support and/or data were provided by the NSF-supported Susquehanna Shale Hills Critical Zone Observatory. |
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