

**Data Sheet for Ohio's Stream-Dwelling Salamander Monitoring Program**

Monitoring Station: \_\_\_\_\_ County: \_\_\_\_\_ Township: \_\_\_\_\_

<b>Mesh Bag Placement</b>				
Date: _____	Time: _____ hrs.	Air Temp: _____ C or F	Water Temp: _____ C or F	Max. Pool Depth: _____ cm or in.
Flow regime (circle one): *Stream flowing		*Interstitial flow with isolated pools	*Moist channel, isolated pools, no flow	Comments: _____
_____			Name(s): _____	

<b>Mesh Bag Survey : 1<sup>st</sup> or 2<sup>nd</sup> (circle one)</b>				
Date: _____	Time: _____ hrs.	Air Temp: _____ C or F	Water Temp: _____ C or F	Max. Pool Depth: _____ cm or in.
Flow regime (circle one): *Stream flowing		*Interstitial flow with isolated pools	*Moist channel, isolated pools, no flow	Comments: _____
_____			Name(s): _____	

Placement		Survey		Species Captured (One Species Per Column)				
Mesh Bag #	Habitat	Moved	Habitat	<input type="checkbox"/> Adult Salamander: Photographed? <input type="checkbox"/> or <input type="checkbox"/> Larval Salamander: Morpho-species: _____	<input type="checkbox"/> Adult Salamander: Photographed? <input type="checkbox"/> or <input type="checkbox"/> Larval Salamander: Morpho-species: _____	<input type="checkbox"/> Adult Salamander: Photographed? <input type="checkbox"/> or <input type="checkbox"/> Larval Salamander: Morpho-species: _____	<input type="checkbox"/> Adult Salamander: Photographed? <input type="checkbox"/> or <input type="checkbox"/> Larval Salamander: Morpho-species: _____	<input type="checkbox"/> Adult Salamander: Photographed? <input type="checkbox"/> or <input type="checkbox"/> Larval Salamander: Morpho-species: _____
				Number Captured	Number Captured	Number Captured	Number Captured	Number Captured
<b>1</b>	Pl Rf Rn	Yes No	Pl Rf Rn ___%					
<b>2</b>	Pl Rf Rn	Yes No	Pl Rf Rn ___%					
<b>3</b>	Pl Rf Rn	Yes No	Pl Rf Rn ___%					
<b>4</b>	Pl Rf Rn	Yes No	Pl Rf Rn ___%					
<b>5</b>	Pl Rf Rn	Yes No	Pl Rf Rn ___%					
<b>6</b>	Pl Rf Rn	Yes No	Pl Rf Rn ___%					
<b>7</b>	Pl Rf Rn	Yes No	Pl Rf Rn ___%					
<b>8</b>	Pl Rf Rn	Yes No	Pl Rf Rn ___%					
<b>9</b>	Pl Rf Rn	Yes No	Pl Rf Rn ___%					
<b>10</b>	Pl Rf Rn	Yes No	Pl Rf Rn ___%					
<b>11</b>	Pl Rf Rn	Yes No	Pl Rf Rn ___%					
<b>12</b>	Pl Rf Rn	Yes No	Pl Rf Rn ___%					

## Instructions for the Data Sheet for Ohio's Stream-Dwelling Salamander Monitoring Program

**Monitoring Station:** station number assigned by survey coordinator.    **County:** county in which site is located.    **Township:** township in which site is located.

### Mesh Bag Placement

**Date:** day, month, and year of bag placement.    **Time:** time of bag placement in 24 hr. format (1:00 PM = 1300hrs.).    **Air Temp:** temperature of a dry bulb at waist height; circle units, C or F  
**Water Temp:** temperature 2cm below water surface; circle units, C or F    **Max. Pool Depth:** maximum pool depth within site. Avoid plunge pools from road culverts or storm water pipes; circle units, cm or in.    **Flow regime (circle one):** circle the one description that best describes the flow at time of bag placement: **Stream flowing:** flowing water present.    **Interstitial flow with isolated pools:** flowing water present in isolated pools, which remain connected through subsurface flows.  
**Moist channel, isolated pools, no flow:** moist substrate and/or water present in isolated pools, but no visual evidence that the water in the pools is flowing.    **Comments:** any additional notes about stream, including amphibians or fish observed during bag placement.    **Name(s):** names of all those involved in bag placement and data collection.

### Mesh Bag Survey: 1<sup>st</sup> or 2<sup>nd</sup> (Circle one): circle if this is the first or second check of the bags.

**Date:** day, month, and year of survey.    **Time:** time of survey in 24 hr. format (1:00 PM = 1300hrs.).    **Air Temp:** temperature of a dry bulb at waist height; circle units, C or F  
**Water Temp:** temperature 2cm below water surface; circle units, C or F    **Max. Pool Depth:** maximum pool depth within site. Avoid plunge pools from road culverts or storm water pipes; circle units, cm or in.    **Flow regime (circle one):** circle the one description that best describes the flow at time of survey: **Stream flowing:** flowing water present.    **Interstitial flow with isolated pools:** flowing water present in isolated pools, which remain connected through subsurface flows.    **Moist channel, isolated pools, no flow:** moist substrate and/or water present in isolated pools, but no visual evidence that the water in the pools is flowing.    **Comments:** any additional notes about stream, including amphibians or fish observed during survey, but not in bags    **Name(s):** names of all those involved in bag placement and data collection.

**Placement:** to be completed at time of bag placement.    **Habitat:** indicate the habitat where the bag is placed, by circling one of the following: **Pl:** Pool. Relatively still and deep water.  
**Rf:** Riffle. Fast flowing, shallow water.    **Rn:** Run. Intermediate flow and depth compared to pool and riffle habitats.

**Survey:** to be completed at time of survey.    **Moved:** circle "Yes" or "No" to indicate whether the bag moved from its original location.    **Flow:** indicate the habitat where the bag is located by circling the appropriate selection (terms defined above). Note that the bag may have moved or may be in a different habitat type due to changes in water level. If bag is partially out of the water, estimate the percentage of the bag that is still in the water (i.e." Pl 60%" would mean that 60% of the bag is in pool habitat, while 40% is out of the water). If bag is completely out of the water, write 0%.

**Species Captured:** One species for each column.    **Adult Salamander or Larval Salamander:** check one.    **Species:** for adult salamanders, write the name of the species, and the corresponding number found in each mesh leaf bag    **Photographed?** If possible, photograph a representative adult of each species of adult salamander captured. 35mm color slides are preferred.    **Morpho-species:** for larval salamanders, assign a letter (beginning with "A," then "B") for each different species captured. Write the corresponding number of each morpho-species larvae found in each mesh leaf bag.