### Animal Phenophase Datasheet

**Frogs and Toads**

**Directions:** Fill in the date and time in the top rows and circle the appropriate letter in the column below. 

- y (phenophase is occurring) 
- n (phenophase is not occurring) 
- ? (not certain if the phenophase is occurring) 

Do not circle anything if you did not check for the phenophase. In the adjacent blank, write in the appropriate measure of intensity or abundance for this phenophase.

#### Table

| Species: | Pseudacris crucifer |
| Common Name: | spring peeper |
| Nickname: | |
| Site: | |
| Year: | |
| Observer: | |

<table>
<thead>
<tr>
<th>Do you see/hear...</th>
<th>Date:</th>
<th>Date:</th>
<th>Date:</th>
<th>Date:</th>
<th>Date:</th>
<th>Date:</th>
<th>Date:</th>
<th>Date:</th>
<th>Date:</th>
<th>Date:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adults on land</td>
<td>y</td>
<td>n</td>
<td>?</td>
<td>y</td>
<td>n</td>
<td>?</td>
<td>y</td>
<td>n</td>
<td>?</td>
<td>y</td>
</tr>
<tr>
<td>Adults in water</td>
<td>y</td>
<td>n</td>
<td>?</td>
<td>y</td>
<td>n</td>
<td>?</td>
<td>y</td>
<td>n</td>
<td>?</td>
<td>y</td>
</tr>
<tr>
<td>Adults feeding</td>
<td>y</td>
<td>n</td>
<td>?</td>
<td>y</td>
<td>n</td>
<td>?</td>
<td>y</td>
<td>n</td>
<td>?</td>
<td>y</td>
</tr>
<tr>
<td>Vocalizing</td>
<td>y</td>
<td>n</td>
<td>?</td>
<td>y</td>
<td>n</td>
<td>?</td>
<td>y</td>
<td>n</td>
<td>?</td>
<td>y</td>
</tr>
<tr>
<td>Mating</td>
<td>y</td>
<td>n</td>
<td>?</td>
<td>y</td>
<td>n</td>
<td>?</td>
<td>y</td>
<td>n</td>
<td>?</td>
<td>y</td>
</tr>
<tr>
<td>Fresh eggs</td>
<td>y</td>
<td>n</td>
<td>?</td>
<td>y</td>
<td>n</td>
<td>?</td>
<td>y</td>
<td>n</td>
<td>?</td>
<td>y</td>
</tr>
<tr>
<td>Dead adults</td>
<td>y</td>
<td>n</td>
<td>?</td>
<td>y</td>
<td>n</td>
<td>?</td>
<td>y</td>
<td>n</td>
<td>?</td>
<td>y</td>
</tr>
</tbody>
</table>

Check when data entered online: □ □ □ □ □ □ □ □ □ □ □

Comments:

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**PAPERWORK REDUCTION ACT STATEMENT:** In accordance with the Paperwork Reduction Act (44 U.S.C. 3501), please note the following. This information collection is authorized by Organic Act, 43 U.S.C. 31 et seq., 1687 and Fish and Wildlife Coordination Act. Your response is voluntary. We estimate that it will take approximately 2 minutes to make and report observations per response. An agency may not conduct or sponsor and a person is not required to respond to a collection of information unless it displays a currently valid Office of Management and Budget control number. OMB has reviewed and approved this information collection and assigned OMB Control Number 1028-0103. You may submit comments on any aspect of this information collection, including the accuracy of the estimated burden hours and suggestions to reduce this burden. Send your comments to: Information Collection Clearance Officer, U.S. Geological Survey, 12201 Sunrise Valley Drive, MS 807, Reston, VA 20192, OMB Control #: 1028-0103 Expiration Date: 03/31/2019
Spring Peeper
(Pseudacris crucifer)

Phenophase Definitions

Directions:
As you report on phenophase status (Y, N or ?) on the datasheets, refer to the definitions on this sheet to find out what you should look for, for each phenophase in each species. For reporting animal abundance, if a specific question is included below the phenophase, choose the best answer to the question. If there is no specific question, enter the number of individual animals you observed in each phenophase. Feel free not to report on phenophases or abundances if they seem too difficult or time-consuming.

Activity

Adults on land
One or more adults are seen at rest or active on land.

Adults in water
One or more adults are seen at rest or active in water.

Adults feeding
One or more adults are seen feeding. If possible, record the name of the species or substance being eaten or describe it in the comments field.

Reproduction

Vocalizing
One or more individuals are heard vocalizing.

What is the intensity of vocalizing?

- **Single calls**: There is space between calls and individuals can be counted.
- **Overlapping calls**: Calls of individuals can be distinguished but there is some overlapping of calls.
- **Full chorus**: Calls are constant and overlapping.

Mating
A female is seen grasped and held by a male.

Fresh eggs
Eggs are seen being extruded, an egg mass is seen with jelly not expanded to full size, or embryos that are more or less spherical are seen.

Development
Dead adults
One or more dead adults are seen, including those found on roads.