Butterflies (with migration)

**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>
<thead>
<tr>
<th>Date:</th>
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</thead>
<tbody>
<tr>
<td><strong>Do you see/hear...</strong></td>
<td><strong>Active adults</strong></td>
<td><strong>Flower visitation</strong></td>
<td><strong>Migrating adults</strong></td>
<td><strong>Mating</strong></td>
<td><strong>Active caterpillars</strong></td>
<td><strong>Caterpillars feeding</strong></td>
<td><strong>Dead adults</strong></td>
<td><strong>Dead caterpillars</strong></td>
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</tr>
</tbody>
</table>

**Species:** *Junonia coenia*

**Common Name:** common buckeye

**Nickname:**

**Site:**

**Year:**

**Observer:**

**Contact:** nco@usanpn.org  |  More information: www.usanpn.org/how-observe

**Comments:**

**Animal Phenophase Datasheet**

**Taking the Pulse of Our Planet**

Contact: nco@usanpn.org  |  More information: www.usanpn.org/how-observe
Common Buckeye

(Junonia coenia)

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**

**Active adults**
One or more adults are seen moving about or at rest.

**Flower visitation**
One or more individuals are seen visiting flowers or flying from flower to flower. If possible, record the name of the plant or describe it in the comments field.

**Migrating adults**
Multiple adults of the same species are seen flying steadily in a uniform direction without stopping.

**Reproduction**

**Mating**
A male and female are seen coupled in a mating position, usually end to end. This can occur at rest or in flight.

**Development**

**Active caterpillars**
One or more caterpillars (larvae) are seen moving about or at rest. When seen on a plant, if possible, record the name of the plant or describe it in the comments field.

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

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

Method

Individuals at a feeding station
One or more individuals are seen visiting a feeder, feeding station, or food placed by a person.

Individuals in a net
One or more individuals are seen caught in a net.