

Phenophase Definitions

Monarch Butterfly, *Danaus plexippus*

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.



C. Armstrong, UMaine

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.



Monarch butterfly on a purple cone flower.
Steven Katovich, USDA Forest Service,
Bugwood.org.



Monarch pair mating.
J. Lovett, Monarch Watch

Migrating adults

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

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 caterpillars

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

Dead adults

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



Monarch caterpillar feeding.
J. Lovett, MonarchWatch

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.