



Phenology Data Sheet #1

Organism Summary Data 1997-1999

The following data set is hypothetical.

		Spring 1997		Spring 1998		Spring 1999	
Organism	Phenophase	Date present	Date not present	Date present	Date not present	Date present	Date not present
Oak Tree	Breaking leaf buds	4/30/1997	5/04/1997	4/29/1998	5/03/1998	5/01/1999	5/05/1999
	Young leaves	5/02/1997	5/29/1997	5/01/1998	5/28/1998	5/04/1999	6/01/1999
	Leaves (mature)	5/29/1997		5/28/1998		6/01/1999	
Caterpillars	Active caterpillars	5/01/1997	6/12/1997	5/03/1998	6/09/1998	5/03/1999	6/13/1999
	Caterpillars feeding	5/02/1997	6/11/1997	5/04/1998	6/08/1998	5/04/1999	6/12/1999
	Caterpillars in a tent	5/22/1997	6/12/1997	5/27/1998	6/09/1998	5/23/1999	6/13/1999
Flycatcher	Active individuals	4/20/1997		4/20/1998		4/20/1999	
	Occupied nest	4/23/1997	5/30/1997	4/24/1998	5/31/1998	4/23/1999	5/31/1999
	Fledged young	5/25/1997	5/30/1997	5/26/1998	5/31/1998	5/25/1999	5/30/1999

Description of Phenophases

Oak Tree:

- **Breaking leaf buds:** One or more breaking leaf buds are visible on the plant. A leaf bud is considered “breaking” once a green leaf tip is visible at the end of the bud, but before the first leaf from the bud has unfolded to expose the leaf stalk (petiole) or leaf base.
- **Young leaves:** One or more young, unfolded leaves are visible on the plant. A leaf is considered “young” and “unfolded” once its entire length has emerged from the breaking bud so that the leaf stalk (petiole) or leaf base is visible at its point of attachment to the stem, but before the leaf has reached full size or turned the darker green color or tougher texture of mature leaves on the plant. Do not include fully dried or dead leaves.
- **Leaves:** One or more live, unfolded leaves are visible on the plant. A leaf is considered “unfolded” once its entire length has emerged from the breaking bud so that the leaf stalk (petiole) or leaf base is visible at its point of attachment to the stem. Do not include fully dried or dead leaves. (In our hypothetical case, they counted when the canopy—the layer caused by the outermost leaves and branches on the tree—was at least 75 percent full with leaves.)

Caterpillars:

- Active caterpillars: One or more caterpillars (larvae) are seen moving about or at rest.
- Caterpillars feeding: One or more caterpillars are seen feeding.
- Caterpillars in a tent: (Moth) Caterpillars are seen in their tent.

Flycatcher:

- Active individuals: One or more individuals are seen moving about or at rest.
- Occupied nest: One or more adults are seen sitting on a nest or entering or leaving a nest site under circumstances indicating its use for nesting (including nest defense behavior), or live eggs or nestlings are seen in a nest.
- Fledged young: One or more young are seen recently departed from the nest. This includes young incapable of sustained flight and young that are still dependent on adults.

