

Plant Phenophase Data Sheet

Name(s) _____

My Plant is Sticky Monkeyflower—*Diplacus aurantiacus*

Plant Location _____

Class Period _____

Do you see...? (One+ means "one or more")	Date: Class Period:	Date: Class Period:	Date: Class Period:	Date: Class Period:
YOUNG LEAVES One+ young, UNFOLDED leaves are visible on the plant.				
LEAVES One+ live, UNFOLDED leaves are visible on the plant.				
FLOWERS or FLOWER BUDS One+ FRESH OPEN FLOWERS or UNOPENED or DEVELOPING flower buds. Do not include wilted.				
OPEN FLOWERS One+ OPEN, FRESH flowers. OPEN = when you can see the reproductive parts. Do not include wilted flowers.				
FRUITS One+ fruits visible. DIAU—capsule changes from green to tan and splits open to expose seeds.				
RIPE FRUITS One+ ripe fruits visible. DIAU—tan seed pod split open to expose seeds.				
RECENT FRUIT DROP One+ mature fruits or seeds have dropped or been removed since your last visit.				
COMMENTS or OBSERVATIONS				



YOUNG LEAVES:

One or more young, *unfolded leaves*. When the leaf stalk (petiole) or leaf is visible, but before the leaf has reached full size or turned the darker green color of mature leaves on the plant.



LEAVES: One or more live, *unfolded leaves* are visible on the plant. It is unfolded once its entire length has emerged from the breaking bud so the petiole is visible at its point of attachment to the stem. Do not include dried or dead



FLOWERS/ BUDS:

One or more *fresh open or unopened flowers or flower buds* visible. Include flower buds that are still developing. DO NOT include wilted or dried flower remaining on the plant.



OPEN FLOWERS:

When the *reproductive parts* (male stamens or female pistils) are *visible* between unfolded or open flower parts. DO NOT include wilted or dried flowers that stay on plant.

MONKEY FLOWER—DIAU



FRUITS: (ripe and unripe)

One or more fruits are visible on the plant. The fruit is a *capsule* that changes from *green to tan or brown and splits open to expose the seeds*. Do not include empty capsules.



RIPE FRUITS:

In this species a *fruit* is considered ripe when it has *turned tan or brown* and has split open to expose the seeds.



RECENT FRUIT DROP:

One or more fresh mature fruits or seeds have *dropped from the plant*. DO NOT include immature fruits that have dropped before ripening, such as in a heavy rain or wind.

Plant Phenophase Data Sheet

Name(s) _____

My Plant is Coyotebrush— *Baccharis pilularis*

Plant Location _____

Class Period _____

Do you see...? (One+ means "one or more")	Date: Class Period:	Date: Class Period:	Date: Class Period:	Date: Class Period:
YOUNG LEAVES One+ young, UNFOLDED leaves are visible on the plant.				
FLOWERS or FLOWER BUDS One+ FRESH OPEN FLOWERS or UNOPENED or DEVELOPING flower buds. Do not include wilted.				
OPEN FLOWERS One+ OPEN, FRESH flowers. OPEN = when you can see the reproductive parts. Do not include wilted flowers.				
POLLEN RELEASE One+ flowers release pollen grains when gently shaken or blown onto palm or dark surface.				
FRUITS/ SEEDS One+ fruits visible. BAPI— fruits tiny and seed-like on spent flower head. Seed-like fruit has tuft of white hairs and is blown from the plant.				
RIPE FRUITS One+ ripe fruits visible. BAPI— considered ripe when it has turned light brown, or readily drops from plant.				
RECENT FRUIT/ SEED DROP One+ mature fruits or seeds have dropped or been removed since your last visit.				
COMMENTS or OBSERVATIONS				



YOUNG LEAVES:

One or more young, **unfolded leaves**. When the leaf stalk (petiole) or leaf is visible, but before the leaf has reached full size or turned the darker green color of mature leaves on the plant.



FLOWERS/ BUDS:

One or more **fresh open or unopened flowers or flower buds** visible. Include flower buds that are still developing. DO NOT include wilted or dried flower remaining on the plant.



Female Flower

OPEN FLOWERS:

When the **reproductive parts** (male stamens or female pistils) are **visible** between unfolded or open flower parts. DO NOT include wilted or dried flowers that stay on plant.



Male Flower (pollen)

POLLEN RELEASE:

One or more flowers on the plant **release visible pollen grains** when gently shaken onto your palm or onto a dark surface.

COYOTEBRUSH—BAPI



FRUITS/ SEEDS: (ripe and unripe)

One or more **fruits are visible** on the **female** plant. The fruit is very tiny and seed-like and is crowded into a small spent flower head. The fruit has a tuft of white hair and changes from yellow green to tan or brown, and drops or is blown from the plant. Do not include



RIPE FRUITS:

In this species a **fruit** is considered ripe when it has **turned tan or brown** and it readily drops or is blown from the spent flower head. Do not include flower heads that have already dropped all of their fruits.



RECENT FRUIT or SEED DROP:

One or more fresh mature fruits or seeds have **dropped or blown from the plant**. DO NOT include immature fruits that have dropped before ripening, such as in a heavy rain or wind.