

Use this activity to practice documenting how milkweed and monarchs change with the seasons!

Phenology is the science of how plants and animals change with the seasons.
Circle your favorite season.



Do you see Yes
flowers? No

Do you see Yes
leaves? No

Monarchs are a type of butterfly that only lays eggs on a special plant called **milkweed**. Milkweed flowers and leaves change with the seasons. **Find a milkweed** - does it have flowers or leaves? Yes or No?

Do you see Yes
adults? No



Monarchs also change with the seasons. Look carefully at your milkweed. **Do you see any of these monarch life stages? Yes or no?**

Do you see Yes
larvae? No

Do you see Yes
pupae? No



Do you see Yes
eggs? No



How to record the phenology of your monarchs and milkweed using *Nature's Notebook*

By observing milkweed for 10 minutes a week, you can help researchers better understand the overwintering patterns of Arizona monarchs

1

Create a *Nature's Notebook* Account

You can create your account at naturesnotebook.org or using the *Nature's Notebook* mobile app

2

Create a personal site

Your personal site should have at least one milkweed species that you can visit at least once a week

3

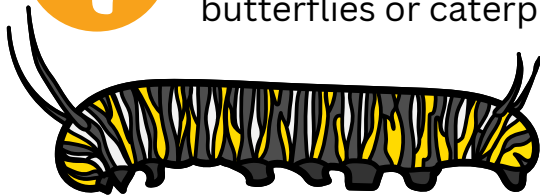
Add monarchs and milkweed to your site

You can add/edit the plants and animals at your site under "personal sites" in your observation deck online, or on the *Nature's Notebook* mobile app

4

Record your observations at least weekly

Check your milkweed for at least 10 minutes weekly to search for monarch butterflies or caterpillars.

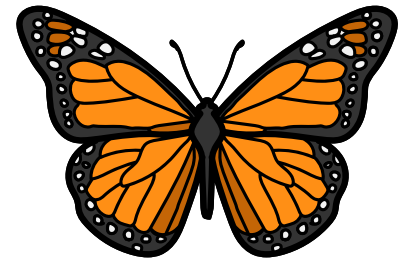


Milkweed Datasheet

Do you see...	Time:
Young leaves	y n ? ____
Leaves	y n ? ____
Colored leaves	y n ? ____
Falling leaves	y n ? ____
Flowers or flower buds	y n ? ____
Open flowers	y n ? ____
Fruits	y n ? ____
Ripe fruits	y n ? ____
Recent fruit or seed drop	y n ? ____

Monarch Datasheet

Do you see/hear...	Time:
Adults	y n ? ____
Adults feeding	y n ? ____
Flower visitation	y n ? ____
Migrating adults	y n ? ____
Mating	y n ? ____
Egg laying	y n ? ____
Eggs	y n ? ____
Caterpillars	y n ? ____
Caterpillars feeding	y n ? ____
Pupae	y n ? ____
Dead adults	y n ? ____
Dead caterpillars	y n ? ____



Learn more & get involved!
usanpn.org

