**Station 2: US Range Map & Milkweed Matching KEY**

*Using the map depicting the range of common milkweed within the contiguous United States, answer the following questions:*

1. Is common milkweed present (dark green) in your state? If so, is it native (bright green) in your county?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Answers may vary\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. Can you find a state in which common milkweed is found but is not native?

\_\_\_\_\_\_\_\_\_\_\_\_\_Oregon, Montana, and /or Utah\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. Why do you think common milkweed is native to some states and not others?

\_\_\_Common milkweed can only grow and survive in certain environmental conditions, but not in others. Also, it may not have been able to spread to other regions where it can survive, for example, it may not have been able to cross the rocky mountains.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. What are some possible pros and cons of planting common milkweed outside its native range?

\_\_By planting milkweed beyond its native range, we can create more habitat. However, it might be weedy and become invasive, or it might not do well in new environments.\_Some people worried about climate change advocate moving plants to new regions where the climate will match the places they were originally found, but others think this is dangerous. \_\_\_\_\_\_\_

*There are over 100 species of milkweed in the United States! Match the name and description of the milkweed species to its picture and range map. This will help you identify common milkweed in the field and distinguish it from other species. Some are tricky!*

1. Showy Milkweed \_\_G\_\_\_\_\_
2. Spider Milkweed\_B\_\_\_\_\_\_
3. Butterfly Weed \_E\_\_\_\_\_\_
4. Tall Green Milkweed \_H\_\_\_\_\_\_
5. Prairie Milkweed \_A\_\_\_\_\_\_
6. Poke Milkweed \_F\_\_\_\_\_\_
7. Rose Milkweed \_\_D\_\_\_\_\_
8. Common Milkweed \_\_\_C\_\_\_\_

5. What do you predict might happen to the ranges of these milkweed species as the climate warms?

\_\_Milkweed ranges are likely to shift northward. Computer models are used to make more precise predictions.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| Poke Milkweed (*Asclepias exaltata*) **F**  This species has wide leaves and small white flowers; each individual flower has a stem, making the flowers hang.  C:\Users\Olivia\Documents\Milkweed Research\Deliverables (Protocols, Lesson Plans, Videos)\Lesson Plans\Lesson 2 Milkweed\Milkweed Matching Photos\For Use in Activity\Poke Milkweed F.jpghttps://www.prairiemoon.com/images/MP/Asclepias-exaltata-Poke-Milkweed.jpg | Tall Green Milkweed (*Asclepias hirtella*) **H**  This species has skinny leaves and small white flowers. While maturing, flowers appear as green buds; when mature, flowers are arranged in a spherical shape.  C:\Users\Olivia\Documents\Milkweed Research\Deliverables (Protocols, Lesson Plans, Videos)\Lesson Plans\Lesson 2 Milkweed\Milkweed Matching Photos\For Use in Activity\Tall Green Milkweed H.JPG https://www.prairiemoon.com/images/MP/Asclepias-hirtella-Tall-Green-Milkweed.jpg |
| Rose Milkweed(*Asclepias incarnata*) **D**  This species has skinny leaves and small dark pink or rose-colored flowers.  C:\Users\Olivia\Documents\Milkweed Research\Deliverables (Protocols, Lesson Plans, Videos)\Lesson Plans\Lesson 2 Milkweed\Milkweed Matching Photos\For Use in Activity\Rose Milkweed D.JPG https://www.prairiemoon.com/images/MP/Asclepias-incarnata-Rose-Milkweed.jpg | Prairie Milkweed(*Asclepias sullivantii*) **A**  This species has wide leaves and medium-sized light pink or purple flowers.  C:\Users\Olivia\Documents\Milkweed Research\Deliverables (Protocols, Lesson Plans, Videos)\Lesson Plans\Lesson 2 Milkweed\Milkweed Matching Photos\For Use in Activity\Prairie Milkweed A.JPGhttps://www.prairiemoon.com/images/MP/Asclepias-sullivantii-Prairie-Milkweed.jpg |
| Common Milkweed(*Asclepias syriaca*) **C**  This species has wide leaves and small purple-gray flowers. Flowers are arranged in a spherical shape.  C:\Users\Olivia\Documents\Milkweed Research\Deliverables (Protocols, Lesson Plans, Videos)\Lesson Plans\Lesson 2 Milkweed\Milkweed Matching Photos\For Use in Activity\Common Milkweed C.JPGhttps://www.prairiemoon.com/images/MP/Asclepias-syriaca-Common-Milkweed.jpg | Butterfly Weed(*Asclepias tuberosa*) **E**  This species has short, skinny leaves and a shock of small bright orange flowers.  C:\Users\Olivia\Documents\Milkweed Research\Deliverables (Protocols, Lesson Plans, Videos)\Lesson Plans\Lesson 2 Milkweed\Milkweed Matching Photos\For Use in Activity\Butterfly Weed E.JPGhttps://www.prairiemoon.com/images/MP/Asclepias-tuberosa-Butterfly-Weed.jpg |
| Showy Milkweed(*Asclepias speciosa*) **G**  This species has wide leaves and purple flowers with long, tapered or pointy petals. Flowers are arranged in spherical bundles.  https://www.prairiemoon.com/images/MP/Asclepias-speciosa-Showy-Milkweed.jpg | Spider Milkweed(*Asclepias viridis*) **B**  This species has wide leaves and large yellow-green flowers.  C:\Users\Olivia\Documents\Milkweed Research\Deliverables (Protocols, Lesson Plans, Videos)\Lesson Plans\Lesson 2 Milkweed\Milkweed Matching Photos\For Use in Activity\Spider Milkweed B.jpghttps://www.prairiemoon.com/images/MP/Asclepias-viridis-Spider-Milkweed.jpg |