

Milkweed and Monarch Monitoring Survey

Site Status: is this a new site or an existing site?

- New Site
- Existing Site

Existing Site Name: Identify the site name that was assigned to you by IDFG or SVS

Visit

- 1
- 2
- 3

Site Location: record latitude and longitude of the site

Observer(s): Write down your full name. **Do not abbreviate.** If anyone is helping you, add their name and the visit number they helped with.

Site Confidence: Are you confident that you have correctly identified this specific existing site?

- Yes
- No

→ Site Uncertainty: If you answered No, Why do you doubt that this is the correct existing site?

- Milkweed Missing - New Buildings or Development Present
- Milkweed Missing - New Agriculture Present
- Milkweed Missing - Habitat Decline of Uncertain Cause
- Equipment Malfunction - Cellular Service Unavailable or Map Fails to Load
- I believe I'm in the correct location, yet I can't find any milkweed here, and I'm uncertain why.
- Other

Type of Site

- Roadside Ditch/Strip Next to Road
- Agricultural (alfalfa, hay, cropland, etc.)
- Grazed Pasture
- Old Field (not currently grazed or used for crops)
- Garden (planted milkweeds that are watered and maintained)
- Riparian Corridor
- Unmaintained Patch in Yard
- Natural (forest, grassland, riparian, wetland, etc.)
- Canal (including roadside patches featuring canals)
- Lake/Pond Adjacent
- Other - write in Notes

Milkweed Species at Site

- Showy Milkweed
- Swamp Milkweed
- Narrow-leaved Milkweed
- Davis's Milkweed
- Spider Milkwood

Site Photo: Only required once a season in July.

- Please take a photo of the site and upload later on web or in the app

Site Accessibility: Are you able to walk the entire perimeter of the milkweed patch?

- Yes
- No

WiFi or Cellular Network: Are you currently connected to WiFi or a cellular network at your location?

- Yes
- No

Patch Size: Is either the length or width of the patch >5 meters?

- Yes

→ If you answered Yes:

- Is the patch principally linear? (i.e., has length >5m, but little width)

- No

Site Moisture:

- Dry
- Seasonally Wet
- Wet

Stem Count

- Less than 100

- Stem Count Less than 100: By your estimate, if the patch is less than 100 stems, count each stem and enter the actual count below.

- More than 100

- Stem Count More than 100: By your estimate, if the patch is more than 100 stems, choose the following category.

- 100-250
- 251-500
- 501-1000
- 1001-2000
- >2000

Patch Disturbance: Actions that have directly impacted the patch itself in terms of health or extent within the last year. Check all that apply.

- Undisturbed
- Sprayed (evidence of drooping or strained milkweed plants/leaves)
- Burned - wildfire (burning on a landscape level, covering many acres or square miles)

- Burned - human management (often ditches or crop fields, small in scale, targeted)
- Mowed (the mechanical removal of above ground vegetation)
- Plowed (the mechanical removal of above and below ground vegetation)
- Grazed (evidence of livestock's damage to milkweed plants)
- Other (write in Notes at the bottom of the survey)

Monarch Observations

Date: _____

Start Time: _____

Stop Time: _____

Plants and Patch Health

of Plants Checked: _____

% Patch in Bloom: _____

% Herbivory Observation in Patch: _____

% Patch Yellowed or Dying: _____

Monarch Eggs and Larvae

Eggs: _____

1st Instar: _____

2nd Instar: _____

3rd Instar: _____

4th Instar: _____

5th Instar: _____

Dead Larvae Observed: _____

Suspected Cause: _____

Adult Monarch Observations

Female Adults: _____

Male Adults: _____

Unknown Adults: _____

Notes

PLEASE UPLOAD TO APP OR WEB AFTER FILLING OUT PAPER SURVEY

The survey can be accessed in a web browser at <https://arcg.is/1y5vn12> or in the app. Refer to the Field Protocol 2024 packet for more detailed instructions on accessing the digital survey.