

# Adult Monarch Monitoring Datasheet

Date: August 17, 2016

Site: \_\_\_\_\_ fis1 \_\_\_\_\_

Transect: \_\_\_\_\_ tfis1a \_\_\_\_\_  
round 3 \_\_\_\_\_

Transect length: 50 m N → S → N

Field Data Recorded by: Royce ROUND: \_\_\_\_\_

Team lead: Royce (separate trip)

Entered into PC by: \_\_\_\_\_ on this date: \_\_\_\_\_

Data Entry Checked by: \_\_\_\_\_ on this date: \_\_\_\_\_

Start time	<u>7:30 pm</u>	End time	<u>7:50 pm</u>				
Wind:	<u>calm</u>	breeze	moderate breeze	too windy to monitor			
Sky:	<u>clear</u>	mostly clear	mostly cloudy	cloudy			
Temperature: must be above 70 to below 90 to survey	<u>79</u> °F	Low sun - approaching sunset. Few butterflies active from 7:40 - 7:50 pm - not good for Monarchs? Many Least Skippers and Eastern Tailed Blues observed during N → S (first half of walk).					

Pollard: Number of monarchs

Bin 1 (0-5 m)	Bin 2 (5 - 50 m)	Bin 3 (>50 m)
<u>0</u>	<u>0</u>	<u>0</u>

Repeat walk as needed at same rate of 2 minutes per 10 m section (20 minutes total).

Not observed due to (circle): temp, wind, cloud cover, rain, other \_\_\_\_\_

## Egg and larvae monitoring

For 20 stems: Fewer than 20 stems surveyed (write number): \_\_\_\_\_

	eggs	L1	L2	L3	L4	L5
Number of monarchs						

Not observed due to (circle): no milkweed, other \_\_\_\_\_

<b>Wind</b> Calm: 0 mph, Smoke rises vertically Breeze: 1-12 mph, feel wind on skin, flag waves slightly, leaves move a bit Moderate Breeze: 13-17 mph, Raises dust and loose paper; small branches move; leaves in constant motion Windy: 25+ mph, Large branches move	<b>Clouds</b> Clear: No clouds Mostly Clear: Less than half cloud cover Mostly Cloudy: More than half cloud cover Cloudy: Full cloud cover
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