Monarch Consortium Field Data Site Form

Date: 6/30/16   Location: CRA1   Monitor: KEF 3B CVA JP

Start Time: 10 : 48   End Time: 11 :24

Butterfly Start Time: _____:_____   Butterfly End Time: _____:_____   Too Rainy fo Butterflies on Bees

Temp: ____ ℃℃ F°/C°

Wind: (circle one) Calm (Light)   Moderate   Very Windy

Clouds: (circle one)   Clear   Mostly Clear   Mostly Cloudy (Cloudy)   RAIN!

Landscape Sampling:

Is milkweed present?   (Yes)   No   Estimated number: _____

Flowering plants?   (Yes)   No   Estimated number: _____

Type of habitat: (Agriculture)   Wooded   Waste Area   Pasture   (wet land)

Definitions

same as riparian 5m away from veg on the north side trains runs west to E ~~50m~~ ~~15m~~

Wind

Calm: 0 mph, Smoke rises vertically

Light: 1-3 mph, Wind direction shown by smoke, but not by wind vanes

Moderate Breeze: 13-17 mph, Raises dust and loose paper; small branches move

Windy: 25+ mph, Large branches move

Clouds

Clear: No clouds

Mostly Clear: Less than half cloud cover

Mostly Cloudy: More than half cloud cover

Cloudy: Full cloud cover

On the south side of the wet land it was similar ~~right~~ plants, but more cool dominated grass

Type of habitat

Agriculture: Corn, soybean, small grain (oats, barley, wheat), alfalfa field. In addition to the crop do you observe any weeds or flowering nectar-producing plants?

Wooded: Windbreak in which trees are planted in line or row. A woodlot or riparian buffer strips – which have perennial plantings along streams, creeks, waterways consisting of trees, shrubs other perennial vegetation

Waste Area: Grass dominated roadsides in Iowa typically planted to smooth brome. Some roadsides have considerable plant diversity, make sure to check for milkweed plants and flowering-nectar producing plants in these areas and estimate density by counting number of plants (should this be plants or stems?)

Pasture, rangeland, CRP: these areas may appear to be a meadow/prairie that is grass dominated but may contain plant species of interest: milkweed, flowering-nectar producing plants. These areas differ from agricultural lands because they are not replanted each year but are permanent or semi-permanent lands. They may contain wetlands and grass strips that facilitate water run-off from fields.