



# Pollination Monitoring

## Site Selection & Preparation

Ensuring representative and accessible locations for monitoring pollinator activity.

### GPS Coordinates of Monitoring Site

 [Set My Current Location](#)



### Site Elevation (meters)

Enter a number...

### Habitat Type (e.g., Field, Orchard, Pasture)

- ☐ Field
- ☐ Orchard
- ☐ Pasture
- ☐ Woodland
- ☐ Other

### Description of Site Characteristics (e.g., vegetation, surrounding land use)

Write something...

### Number of flowering plants within a 10-meter radius

Enter a number...

### Aspect (Direction the site faces)

- ☐ North
- ☐ South
- ☐ East
- ☐ West

### Date Site Was Established (if applicable)

Enter date...

## Floral Resource Assessment

Evaluating the abundance and quality of flowering plants available to pollinators.

### Number of flowering plants within 1m radius

Enter a number...

### Dominant floral species present?

- ☐ Clover
- ☐ Alfalfa
- ☐ Wildflowers
- ☐ Other - specify in LONG\_TEXT

### If 'Other' floral species, please specify.

Write something...

### Flower density (flowers per square meter)

Enter a number...

### Flower color(s) observed

- ☐ Red
- ☐ Blue
- ☐ Yellow
- ☐ White
- ☐ Purple
- ☐ Mixed

### Estimate bloom stage (1-5, 1=bud, 5=fully open)

Enter a number...

### Floral resource quality assessment (select all that apply)

- ☐ Abundant nectar
- ☐ Pollen present
- ☐ Fragrant
- ☐ Easily accessible
- ☐ Damaged/diseased

### Date of floral resource assessment

Enter date...

## Pollinator Observation & Identification

Recording the presence, abundance, and diversity of pollinator species.

### Observed Pollinator Types (Check all that apply)

- ☐ Honey Bee
- ☐ Bumble Bee
- ☐ Solitary Bee
- ☐ Butterfly
- ☐ Moth
- ☐ Hoverfly
- ☐ Other (Specify in LONG\_TEXT)

### If 'Other' pollinator type was observed, please specify:

Write something...

**Estimated Number of Honey Bees (if present)**

Enter a number...

**Estimated Number of Bumble Bees (if present)**

Enter a number...

**Estimated Number of Butterflies (if present)**

Enter a number...

**Estimated Number of Other Pollinators (if present)**

Enter a number...

**Dominant Pollinator Species Observed (if clear)**

- ☐ Honey Bee
- ☐ Bumble Bee
- ☐ Butterfly
- ☐ Other (Specify in LONG\_TEXT)

**If 'Other' dominant species was observed, please specify:**

Write something...

**Date of Observation**

Enter date...

**Time of Observation**

## Data Recording & Analysis

Organizing and interpreting collected data to identify trends and potential issues.

**Date of Observation**

Enter date...

**Time of Observation (Start)**

**Observation Duration (minutes)**

Enter a number...

**Total Number of Flower Visits Observed**

Enter a number...

**Number of Visits by Bees**

Enter a number...

**Number of Visits by Butterflies**

Enter a number...

### Number of Visits by Other Pollinators (Specify in LONG\_TEXT)

Enter a number...

### Description of Other Pollinators Observed

Write something...

### Dominant Pollinator Species Observed (if easily identifiable)

- ☐ Honey Bee
- ☐ Bumble Bee
- ☐ Butterfly
- ☐ Hoverfly
- ☐ Unknown

### Notes/Observations (e.g., unusual behavior, disease signs)

Write something...

## Environmental Conditions & Timing

Noting weather, temperature, and phenological stages to correlate with pollinator activity.

### Date of Observation

Enter date...

### Time of Observation (Start)

### Air Temperature (°C)

Enter a number...

### Soil Temperature (°C)

Enter a number...

### Sky Condition

- ☐ Clear
- ☐ Partly Cloudy
- ☐ Cloudy
- ☐ Rain
- ☐ Fog

### Wind Speed (Beaufort Scale)

- ☐ 0 - Calm
- ☐ 1 - Light Air
- ☐ 2 - Light Breeze
- ☐ 3 - Gentle Breeze
- ☐ 4 - Moderate Breeze
- ☐ 5 - Fresh Breeze
- ☐ 6 - Strong Breeze
- ☐ 7 - Near Gale
- ☐ 8 - Gale
- ☐ 9 - Strong Gale
- ☐ 10 - Hurricane

### Crop Phenological Stage



# Equipment Maintenance & Calibration

Ensuring monitoring equipment is functioning correctly and providing accurate data.

## Last Calibration Date

Enter date...

## Thermometer Reading (Calibration Check)

Enter a number...

## Anemometer Speed (Calibration Check)

Enter a number...

## Insect Net Condition

- ☐ Excellent
- ☐ Good
- ☐ Fair
- ☐ Poor


## Notes on Equipment Condition

Write something...

## Camera Functionality (if applicable)

- ☐ Working Correctly
- ☐ Minor Issues
- ☐ Not Working

## Photo Documentation of Equipment

 Upload File

# Reporting & Communication

Sharing monitoring results with relevant stakeholders to inform management decisions.

## Summary of Key Findings

Write something...

## Overall Pollinator Abundance Score (1-10)

Enter a number...

## Key Challenges/Threats Observed

- ☐ Pesticide Use
- ☐ Habitat Loss
- ☐ Disease
- ☐ Lack of Floral Resources
- ☐ Climate Change Impacts
- ☐ Other (Specify in Long Text)

## Overall Pollinator Health Assessment

- ☐ Excellent
- ☐ Good
- ☐ Fair
- ☐ Poor


### Date of Report Submission

Enter date...

### Recommendations for Improvement

Write something...

### Supporting Photos/Videos

 Upload File

### Report Distribution Method

- ☐ Email
- ☐ Print
- ☐ Shared Drive