

MISSOURI BUMBLE BEE ATLAS - HABITAT ASSESSMENT FORM



Complete this form once for a point survey or five times for a roadside survey (one per stop).

Site Information

Enter the same information from your associated bumble bee survey data sheet.

Site Name:	Date:	Survey Type: Point Roadside (Survey ___/5)
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Habitat Information

SURVEY AREA Check <i>ONE</i> category that represents the dominant habitat type If you are doing a roadside survey, please remain easily visible to vehicles.	Habitat Type (Select One)		Example				
	<input type="checkbox"/>	Agricultural Land	<i>Cropland, Pastureland, Orchard, etc.</i>				
	<input type="checkbox"/>	Developed/Roadside	<i>Urban/Suburban; Manicured Park; Garden</i>				
	<input type="checkbox"/>	Grassland	<i>Grasses make up dominant vegetation; Natural area</i>				
	<input type="checkbox"/>	Riparian	<i>Along a stream or creek</i>				
	<input type="checkbox"/>	Shrub/Steppe	<i>Arid land; Low-rainfall grassland</i>				
	<input type="checkbox"/>	Wetland	<i>Bogs, Marshes, Swamps, etc.; Saturated land</i>				
	<input type="checkbox"/>	Woodland	<i>Trees make up dominant vegetation</i>				
SURROUNDING AREA Select the top three most abundant habitat types that are directly outside of your survey area within sight distance. If there is only one surrounding habitat type, leave 2 nd and 3 rd categories blank.	1st Most Abundant (Select One)		2nd Most Abundant (Select One)		3rd Most Abundant (Select One)		
	<input type="checkbox"/>	Agricultural Land	<input type="checkbox"/>	Agricultural Land	<input type="checkbox"/>	Agricultural Land	
	<input type="checkbox"/>	Developed/Roadside	<input type="checkbox"/>	Developed/Roadside	<input type="checkbox"/>	Developed/Roadside	
	<input type="checkbox"/>	Grassland	<input type="checkbox"/>	Grassland	<input type="checkbox"/>	Grassland	
	<input type="checkbox"/>	Riparian	<input type="checkbox"/>	Riparian	<input type="checkbox"/>	Riparian	
	<input type="checkbox"/>	Shrub/Steppe	<input type="checkbox"/>	Shrub/Steppe	<input type="checkbox"/>	Shrub/Steppe	
	<input type="checkbox"/>	Wetland	<input type="checkbox"/>	Wetland	<input type="checkbox"/>	Wetland	
	<input type="checkbox"/>	Woodland	<input type="checkbox"/>	Woodland	<input type="checkbox"/>	Woodland	
How much of the <i>survey area</i> has flowering resources available? (Circle one)							
0% 10% 20% 30% 40% 50% 60% 70% 80% >90%							
Which of the following features do you see <i>in or near</i> the survey area? (Check all that apply)							
<input type="checkbox"/>	Bunch Grasses	<input type="checkbox"/>	Rodent Holes or Tunnels	<input type="checkbox"/>	Brush Piles	<input type="checkbox"/>	Loose, Bare Soil
<input type="checkbox"/>	Leaf Litter	<input type="checkbox"/>	Pine Needle Duff	<input type="checkbox"/>	Rock Piles	<input type="checkbox"/>	Mulch
<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	None of the Above
I see evidence of, or know that the following have occurred <i>in or near</i> the survey area this season:							
<i>Circle Yes, No, or Suspect for each category</i>							
Mowing				Yes	No	Suspect	
Livestock Grazing (Do you see animals, cow pies, hoof prints, etc.)				Yes	No	Suspect	
Native Grazing (Do you see animals, scat, hoof prints, etc.)				Yes	No	Suspect	
Agriculture				Yes	No	Suspect	
Insecticide use				Yes	No	Suspect	
Herbicide use				Yes	No	Suspect	
Fire (Controlled or Wild)				Yes	No	Suspect	
Honey Bee Hives (Num. of Hive Boxes Seen: _____)				Yes	No	Suspect	
Management Notes:							

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Plant Species in Bloom

How many different flower species (including trees and shrubs) are blooming in the survey area that were *not* visited by bumble bees? (Circle one)

0

1-2

3-5

6-10

>10

Record the name of each blooming plant (including trees and shrubs) that was not visited by a bumble bee in the survey area. If you do not know the name of a plant, use plant identification field guides or apps, like iNaturalist. Alternatively, take pictures of the plant for later identification, these will not be submitted to the data portal.

	Plant Common Name	Plant Scientific Name	Photo Numbers <i>Optional, see above</i>
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			

Volunteer Data

If this survey was *not* a volunteer effort, skip this section. For Roadside surveys: You will submit your 5 surveys separately, but record TOTAL volunteer effort here and submit only once. For remaining 4 surveys you submit to Bumble Bee Watch, leave the volunteer effort boxes blank.

What time did you start and stop volunteering on the day of your survey?

Include planning and driving time.

Start:

Stop:

How many miles, roundtrip, did you drive to conduct your survey?

When you enter this data online, keep track of the hours you spend organizing and entering your data.