

Pollinator Habitat Assessment Guide

Landowner Name:	
Evaluator:	Date:

Instructions: This assessment shall be used to identify the habitat limiting factors for native pollinators, more specifically, native bees. Each individual pollinator habitat area must be assessed and scored individually. Weighted averages are not allowed.

If the evaluation determines that the current habitat quality is less than 0.5 (on a scale of 0 to 1), recommendations will be made to improve the existing habitat so the planned (future) condition will have a quality rating of 0.5 or more. **If pollinator habitat is the client's primary objective, the land unit must achieve a quality rating of 0.7 or better.** If the evaluation determines that the current condition is equal to or greater than 0.5 (or 0.7 if wildlife in the primary objective), recommendations will be made to maintain the existing habitat in its present condition.

For all the habitat components below, select the habitat description that most closely mirrors the site being appraised and enter that value in the table. Both the existing and planned conditions must be evaluated.

1. Patch Size.

- ≥ 5 acres = 10
- 2 - <5 acres = 7
- 1 to <2 acres = 5
- $\frac{1}{2}$ to <1 acre = 3
- <1/2 acre = 1

	Site No.				
<i>Existing Condition</i>					
<i>Planned Condition</i>					

2. Plant Composition and Bloom Time

- Good diversity of flowering plants present – i.e., at least 9 flowering species; 3 from each bloom period (spring, summer, fall) = 10
- Moderate diversity of flowering plants present – blooms available for each bloom period (spring, summer, fall) = 7
- Moderate diversity of flowering plants but flowers not available in all 3 bloom periods- spring bloom period is represented = 4
- Flowering plants present but spring bloom period is lacking = 2
- None of the above = 0

	Site No.				
<i>Existing Condition</i>					
<i>Planned Condition</i>					

3. Management of Site (mowing, grazing, haying, burning)

- Site left undisturbed from spring through fall frost = 10
- Small portion (< 25%) of site disturbed between spring through fall frost = 5
- >25% of site disturbed between spring and fall frost = 1

	Site No.				
Existing Condition					
Planned Condition					

4. Directly Adjacent Land Use

- Adjacent land use will not pose any hazards to pollinators and remains relatively undisturbed (i.e., no insecticide risk, no burning or tillage operations that can impact nesting bees, etc.) = 10
- Adjacent land use may pose some risks to pollinators (e.g., pesticide use occurs but it will be mitigated to avoid pollinator impacts, limited soil disturbance, etc.) = 5
- Adjacent land use likely to impact pollinators = 1

	Site No.				
Existing Condition					
Planned Condition					

Scoring

For each site evaluated, enter the before and after values for every habitat component. There is a total of 40 points possible. Divide the total for each site (both the existing and planned conditions) by 40. This will give you a value between 0 and 1, which represents the habitat value of the particular site in the existing condition and in the planned condition.

	Patch Size	Plant Comp & Bloom Time	Mgmt of Site	Adjacent land Use	Total	Habitat Value (total/40)
Site No.						
Existing Condition						
Planned Condition						
Site No.						
Existing Condition						
Planned Condition						
Site No.						
Existing Condition						
Planned Condition						
Site No.						
Existing Condition						
Planned Condition						
Site No.						
Existing Condition						
Planned Condition						