

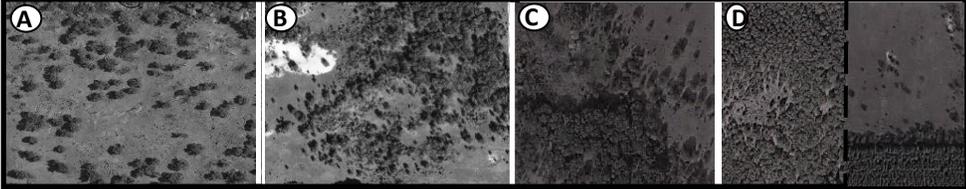
# WDNR Oak Barrens Monitoring Form

version 1.0

Site Name: \_\_\_\_\_ Surveyors: \_\_\_\_\_ Date: \_\_\_\_\_

Mgt Unit Name/Stand # \_\_\_\_\_ Mgt Unit Acres \_\_\_\_\_

**Part 1:** For each metric below, write the corresponding measurement for your sample area in "Your Obs" column, then assign a rank for that metric using guidelines at left. Convert the letter rank into a numerical score using a grade-point-average style conversion (A=4, B=3, C=2, D=1).

METRIC		RANKING GUIDELINES for each metric				YOUR OBS	LETTER RANK	SCORE (1-4)
		A (Excellent)	B (Good)	C (Fair)	D (Poor)			
Composition	Relative % cover of all native plants	A: >99% A- 95-99%	85-94%	60-84%	<60%			
	Total % cover of invasive species (knapweed, orange hawkweed, bluegrass, sweet-clover, etc.)	<1%	1-3%	C: 4-10% C-:10-30%	>30%			
	Total % cover of native disturbance indicators (Penn sedge, bracken fern, Rubus spp, other weedy natives)	<20%	21-40%	41-60%	>60%			
	Number of native indicator species (see checklist with photographs)	>14	11-14	8-10	<8			
	Total % cover of native grasses and sedges (not including Penn sedge)	>30%	15-29%	5-14%	<5%			
	Tree composition appropriate for region: relative % cover of oaks (and regionally, pines) in tree layer	>95%	90-95%	80-89%	>80%			
Structure	Total % cover of medium-statured shrubs (2 - 6' tall)	0-15%	16-30%	31-50%	>50%			
	Total % cover of saplings and tall shrubs (6-20' tall)	5-15%	<5 or 16-30%	31-50%	>50%			
	Total % cover of trees (>20' tall)	5-40%	<5 or 41-60%	61-75%	>75%			
Spatial heterogeneity						NA		
	<p>A: Complex natural mosaic that includes canopy and openings of varying shapes and sizes                      B: Somewhat heterogeneous, but canopy and/or openings clustered in portions of the unit                      C: Somewhat homogeneous with mostly small canopy gaps, as well as occasional larger openings                      D: Homogeneous canopy with only small canopy gaps, or few large openings with hard edges</p>					<p>Sum of all scores --&gt; _____</p> <p>Divide by 10 --&gt; _____</p> <p>Composite letter rank --&gt; _____</p>		

**Part 2:** Calculate Composite Rank by adding all scores, dividing by 10, and translating to a letter rank using the Composite Rank Guide at right.

**Composite rank guide**

- A 3.8-4.0
- A- 3.5-3.79
- B 3.0-3.49
- B- 2.5-2.99
- C 2.0-2.49
- C- 1.5-1.99
- D <1.49

Notes and management comments/recommendations (either for specific metrics or for entire unit):

**Guide to Percent Cover:**



Percent cover graphics: Phytosphere Research. 2001. Guidelines for developing and evaluating tree ordinances. Accessed May 7, 2018. [phytosphere.com/treeord/ordprt3c.htm](http://phytosphere.com/treeord/ordprt3c.htm)