

Missouri
Wildlife Habitat Appraisal Guide
Glade Community Model

Applicant(s):

Date:

Farm Number:

Tract Number:

Field Number(s):

County:

Instructions: Answer each of the questions (1 - 8) below by circling the appropriate points for both the existing and planned conditions. CSG = Cool Season Grasses, NWSG = Native Warm Season Grasses, WSG = Warm Season Grasses.

Points if
ExistingPoints if
Planned

Herbaceous Canopy Cover

(1)	Calculate the percent of canopy coverage of herbaceous vegetation - grasses, forbs, legumes, sedges		
	Foliage covers more than 50% of the ground	10	10
	Foliage covers 25 to 50% of the ground	5	5
	Foliage covers less than 25% of the ground	0	0
Herbaceous Canopy Cover Points			

Woody Canopy Coverage

(2)	Consider trees and shrubs within the glade area being evaluated		
	Less than 10%	10	10
	10 to 20%	6	6
	20 to 30%	4	4
	30 to 50%	2	2
	More than 50%	0	0
Woody Canopy Coverage Points			

Boulder, Flatrock, and Ledge Habitat

(3)	Common	10	10
	Occasional	5	5
	Rare	0	0
Boulder, Flatrock, and Ledge Habitat Points			

Grazing or Haying Pressure

(4)	Light to none, includes periodic burns	10	10
	Moderate (3 to 6" CSG winter height, 8 to 10" NWSG winter height)	5	5
	Heavy use	0	0
Grazing or Haying Pressure Points			

Grassland Composition

(5)	Mixed NWSG and forbs (minimum of 4 species mix), with less than 25% introduced CSG	10	10
	Mixed NWSG and forbs (at least a 2 to 3 species mix), with less than 25% introduced CSG	8	8
	Mixed grasses with legumes and forbs	6	6
	Mixed CSG; native grass monotype; predominant legumes	4	4
	Fescue monotype (more than 50% fescue) or non-native WSG	0	0
Grassland Composition Points			

Desirable Forb Diversity

(6)	More than 20 species	10	10
	10 to 20 species	6	6
	5 to 10 species	4	4
	Less than 5 species	0	0
Desirable Forb Diversity Points			

Glade Size

(7)	Consolidate separate glades when glades occur in complexes and are separated from each other by less than 0.1 mile		
	More than 30 acres of glade within 640 acres	10	10
	10 to 30 acres of glade within 640 acres	5	5
	Less than 10 acres of glade within 640 acres	0	0
Glade Size Points			

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Associated Savanna Community

(8)	Adjacent managed savanna acreage is greater than the total glade acreage	10	10
	Adjacent managed savanna acreage is between half the size and the same size of the total glade acreage	5	5
	Adjacent managed savanna acreage is less than half the size of the total glade acreage	0	0
Associated Savanna Community Points			
Total Points Planned and Existing (Maximum score possible is 80) =			

Scoring

(9)	Existing Index = Total Existing Points/80 (80 is the maximum possible score) Total existing points =
Existing Index =	
(10)	Planned Index = Total Planned Score/80 (80 is the maximum possible score) Total planned score =
Planned Community Type Index =	

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