

## Rapid Assessment Method (18 m Radius)

County: \_\_\_\_\_ USGS Quadrangle: \_\_\_\_\_

Site Letter: \_\_\_\_\_ Site Name: \_\_\_\_\_

Tract Landowner: \_\_\_\_\_ Contact Person: \_\_\_\_\_

Survey Point #: \_\_\_\_\_ Date: \_\_\_\_\_ Observer(s): \_\_\_\_\_

**A) Terrain Topography** (Choose One): \_\_\_\_\_

- |                                |                   |                          |
|--------------------------------|-------------------|--------------------------|
| NR (Narrow Ridgetop / Hogback) | SS (Steep Slope)  | NB (Narrow Creek Bottom) |
| WR (WideTable Ridge)           | GS (Gentle Slope) | WB (Wide Bottomland)     |

**Aspect** (Choose One if Slope): \_\_\_\_\_ N, NE, E, SE, S, SW, W, NW

**B) Miscellaneous Features** Indicate any of the following that are evident: \_\_\_\_\_

- |                               |                                     |                                  |
|-------------------------------|-------------------------------------|----------------------------------|
| OP (open-grown trees)         | GR (current livestock grazing)      | LG (logging in the last 5 years) |
| GD (girdling of trees)        | RO (large, massive, rocky outcrops) | ST (siltation)                   |
| other (please describe) _____ |                                     |                                  |

**C) Tree Size** Indicate species and DBH of largest tree in each quadrant of the plot (within 18 m).

Quadrant	Species	DBH (cm)
NE	_____	_____
SE	_____	_____
SW	_____	_____
NW	_____	_____

**D) Total Canopy\* Cover** Indicate the percent of the plot that is covered by canopy trees: \_\_\_\_\_

- a) 0-24%      b) 25-49%      c) 50-74%      d) 75-100%

**E) Canopy\* Composition** Indicate species with:

At least 25% Total Cover:

\_\_\_\_\_

Less than 25% Total Cover:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\* A "canopy" plant has its crown exposed to the sky not due to a canopy gap

**F) Total Subcanopy\* Cover** Indicate the percent of the plot that is shaded by small trees, saplings, shrubs and twining vines > 2 m tall but beneath the canopy: \_\_\_\_\_

- a) 0-24%    b) 25-49%    c) 50-74%    d) 75-100%

**G) Subcanopy\* Composition** Indicate species with:

At least 25% Total Cover

\_\_\_\_\_

Less than 25% Total Cover

\_\_\_\_\_

\_\_\_\_\_

**H) Total Shrub\*\* Cover** Indicate the total percent of the plot that is shaded by small trees, saplings, and shrubs < 2 m tall: \_\_\_\_\_

- a) < 1%    b) 1-10%    c) 11-25%    d) 26-50%    e) 51-75%    f) 76-100%

**I) Shrub\*\* Composition** Indicate species with:

At least 25% Total Cover

\_\_\_\_\_

Between 10% and 25% Total Cover

\_\_\_\_\_

\_\_\_\_\_

Less than 10% Total Cover

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**J) Total Cover By Disturbance Indicators** The following may indicate recent human disturbance:

barberry	black raspberry	cultivated honeysuckle	european buckthorn
hawthorn	honey locust	Missouri gooseberry	multiflora rose
prickly ash	red raspberry		

Indicate the total percent cover by the above shrubs (all species combined) in the plot: \_\_\_\_\_

- a) 0-1%    b) 2-9%    c) 10-24%    d) 25-49%    e) 50-74%    f) 75-100%

\* A "subcanopy" species is any woody plant at least 2 m high and beneath the canopy.

\*\* A "shrub" is any woody plant less than 2 m high