

Scientific Name: _____	MSP Occurrence ID: _____	
Preserve: _____	Occurrence Name: _____	
Date: _____	Surveyors & Affiliation/Agency: _____	
V. CURRENT MAPPED EXTENT INFORMATION. Count or estimate number of plants in mapped extent. Area can be calculated based on GIS perimeter mapping or visual mapping on aerial photo in the office.		
# Plants/Current Mapped Extent: _____, Exact Count: _____, Estimate (1000s, 10k): _____, Uncertainty? _____		
For both exact counts and estimates, indicate: Counted/estimated individual plants: _____ OR Counted/estimated clusters of plants: _____		
For geophytes: are counts of flowering or vegetative individuals? Flowering: _____ Vegetative: _____		
Area of Current Mapped Extent: _____ Units: _____ Exact (GPS mapping): _____ Estimate: _____		
Perimeter of current extent determined by walking it or estimated by other means (mapped on aerials)? Walked: _____ Other (describe p. 3): _____		
Species in Maximum Extent? Yes: _____ No: _____ If not, why: _____		
VI. THREATS ASSESSMENT IN MAXIMUM EXTENT - Assess threats within the occurrence's maximum extent (cumulative extent over years of monitoring) plus 10-m surrounding buffer . Record notes on p. 3.		
Surrounding Land Use/Activity at or Adjacent to Site: _____		
<i>Disturbance Classes (rank each threat as 1-7): 1 = no sign of disturbance, 2 = disturbance in 10m surrounding buffer but not within maximum extent, 3 = disturbance occurs in >0 % to <10% of area within maximum extent, 4 = disturbance in 10% to <25% of maximum extent, 5 = disturbance in 25 to <50% of maximum extent, 6 = disturbance occurs within 50 to <75% of maximum extent, and 7 = disturbance occurs within ≥75% of maximum extent.</i>		
Non-Native Forbs _____	Feral Pig Activity _____	Erosion _____
Non-Native Grasses _____	Trampling _____	Urban Runoff _____
Non-Native Woody Plants _____	Vandalism _____	Slope Movement _____
Competitive Native Plants _____	Grazing (Y/N/UNK) _____	Soil Compaction _____
Dumping/Trash _____	Historic Agriculture (Y/N/Unk) _____	
Encampments _____	Altered Hydrology _____	
Fuel Modification Zone/Fire Break _____		
Road Construction/Maintenance _____	If Observed, Briefly Describe: _____	
Vegetation Clearing _____	If Observed, Briefly Describe: _____	
Restoration Project (Impacts) _____	If Observed, Briefly Describe: _____	
ORV Activity _____	If Observed, List Type(s) of ORV Activity: _____	
Evidence of Recent Fire _____	If Sign of Recent Fire: Year Burned? _____ OR Unknown Burn Year? _____	
Disturbance from Trails (authorized & unauthorized) _____ If Trails are Present, are they Authorized (circle one)? Yes / No / Both / Unknown		
Type of Trail Use (Yes/No)? Hiking: _____ Biking: _____ Equestrian: _____ Dog: _____ Service Vehicles: _____		
Other (Describe): _____		
Illegal Trail Use? Yes: _____ No: _____ Unknown: _____ Describe: _____		
Other Disturbance? List & Rank: _____		
Collection? Yes: _____ No: _____ Collector: _____		
Collection #: _____ Herbarium: _____ Species Collected: _____		
Collection 2, Collector: _____ (enter additional collections on p. 3)		
Collection #: _____ Herbarium: _____ Species Collected: _____		

Categories of % Individuals in Sample Plot for Phenological Stages (Vegetative, Flowering, Fruiting & Dead) and for Evidence of Herbivory, Disease and Stunted Growth.

- 1 = 0% (not detected)
- 2 = >0% to <10%
- 3 = 10% to <25%
- 4 = 25% to <50%
- 5 = 50% to <75%
- 6 = ≥75%

% Cover Class Definitions within Sample Plot for Cryptogamic Crust and Thatch.

See page 5 for illustrations of different cover classes.

- 1 = 0% cover (not detected)
- 2 = >0% to <10% cover
- 3 = 10% to <25% cover
- 4 = 25% to <50% cover
- 5 = 50% to <75% cover
- 6 = ≥75% cover

Feral Pig Activity within Sample Plot:

- 1 = No feral pig activity (rooting, wallowing, vegetation destruction, tracks, scat, pig) detected.
- 2 = Signs of pig activity (rooting, wallowing, vegetation destruction) in sample plot appear months old.
- 3 = Signs of recent pig activity (rooting, wallowing, vegetation destruction, tracks, scat, pig) in adjacent area but not within sample plot.
- 4 = Recent signs of pig activity (rooting, wallowing, vegetation destruction, tracks, scat, pigs) within sample plot.

Ground Squirrel Activity within Sample Plot:

- 1 = No ground squirrel burrows detected.
- 2 = Burrows and/or ground squirrels observed in adjacent area but not within sample plot.
- 3 = Single squirrel or burrow seen within sample plot.
- 4 = Multiple burrows and/or squirrels seen within sample plot.

Botta's Pocket Gopher Activity within Sample Plot:

- 1 = No pocket gopher mounds detected.
- 2 = Mounds or gophers observed in adjacent area but not within sample plot.
- 3 = <10 mounds observed within sample plot.
- 4 = ≥10 mounds or one or more gophers seen within sample plot.

Disturbance Categories within the Maximum Extent:

- 1 = No sign of disturbance within maximum extent or in adjacent 10 m buffer.
- 2 = Disturbance does not occur within maximum extent but is detected within the surrounding 10 m buffer area.
- 3 = Disturbance present in >0% to <10% of area within maximum extent.
- 4 = Disturbance occurs in 10% to <25% of area within maximum extent.
- 5 = Disturbance occurs in 25% to <50% of area within maximum extent.
- 6 = Disturbance occurs 50% to <75% of area within maximum extent.
- 7 = Disturbance occurs ≥75% of area within maximum extent.

Cover Diagrams from CNPS

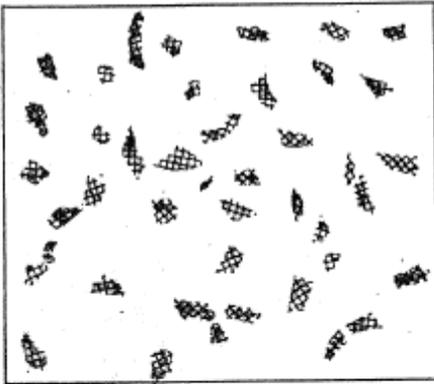
1%



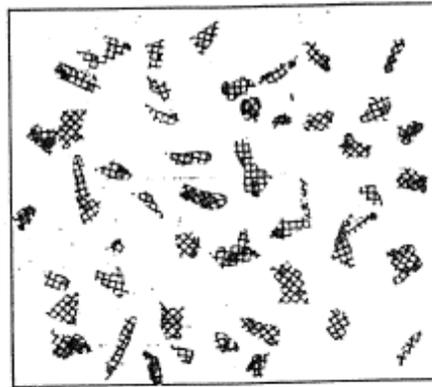
5%



10%



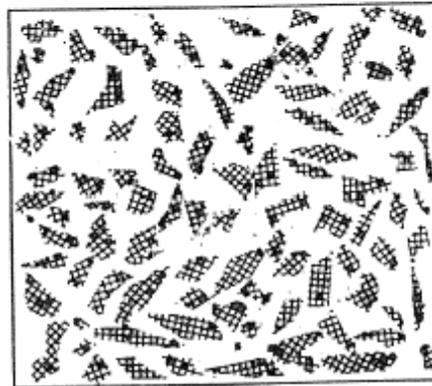
15%



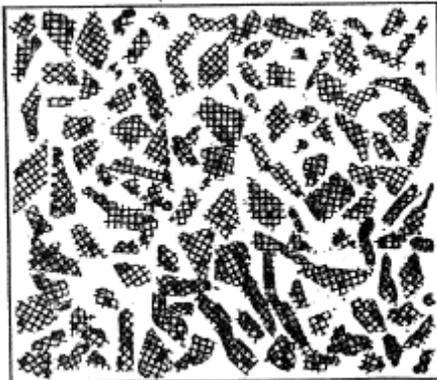
25%



35%



50%



75%

