

[illegible]

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: _____

Is the Current Mapped Extent different from previous years due to variation in survey efforts from previous years? (Y/N) If yes, 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: _____

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.

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)* _____

*Additional room for notes for each threat category is available on page 4.

Encampments* _____

Altered Hydrology * _____

Fuel Modification Zone/Fire Break _____ If Observed, Briefly Describe: _____

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: _____

Occurrence ID: _____ Species: _____ Date: _____

VI. MANAGEMENT RECOMMENDATIONS

[illegible]

VII. MANAGEMENT ACTIONS IN LAST YEAR

[illegible]

VIII. CNDDDB SPECIES DETECTED & NOTES

List any sensitive plant or animal species to add to the CNDDDB:

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

Time Finish: _____

Occurrence ID: _____ Species: _____ Date: _____
Non-Native Forbs. If Observed, Briefly Describe:
Non-Native Grasses. If Observed, Briefly Describe:
Non-Native Woody Plants. If Observed, Briefly Describe:
Competitive Native Plants. If Observed, Briefly Describe:
Dumping/Trash. If Observed, Briefly Describe:
Encampments. If Observed, Briefly Describe:
Feral Pig Activity. If Observed, Briefly Describe:
Trampling. If Observed, Briefly Describe:
Vandalism. If Observed, Briefly Describe:
Grazing. If Observed, Briefly Describe:
Historic Agriculture. If Observed, Briefly Describe:
Altered Hydrology. If Observed, Briefly Describe:
Erosion. If Observed, Briefly Describe:
Urban Runoff. If Observed, Briefly Describe:
Slope Movement. If Observed, Briefly Describe:
Soil Compaction. If Observed, Briefly Describe:
Time Finish: _____

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

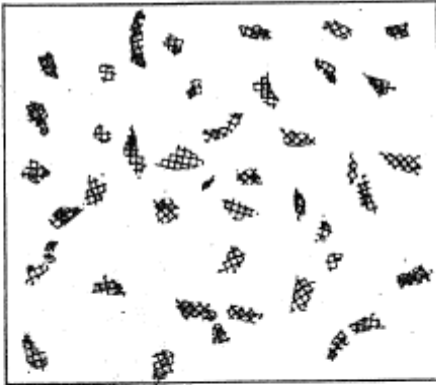
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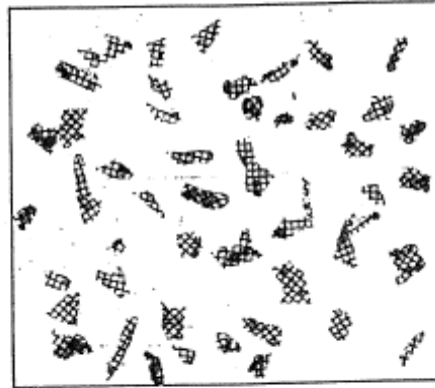
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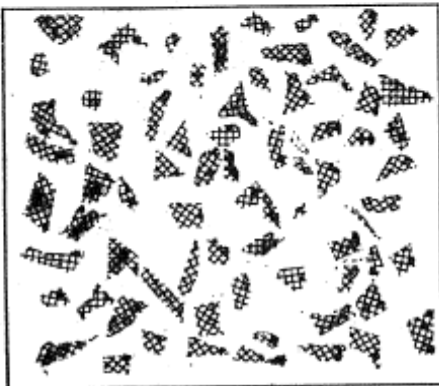
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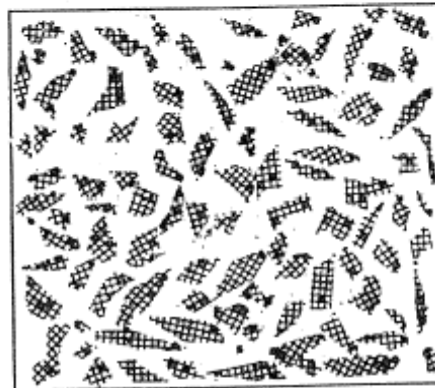
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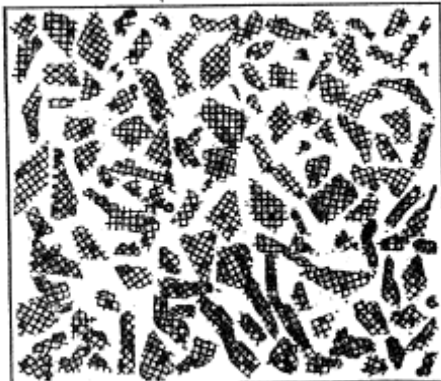
25%



35%



50%



75%

