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|--|---------------------------------------|-----------------------|
| 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: _____ | | |
| Brush Management/Restoration _____ 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 Habitat 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 Habitat 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 Habitat Plot:

1 = No feral pig activity (rooting, wallowing, vegetation destruction, tracks, scat, pig) detected.

2 = Signs of pig activity (rooting, wallowing, vegetation destruction) in habitat plot appear months old.

3 = Signs of recent pig activity (rooting, wallowing, vegetation destruction, tracks, scat, pig) in adjacent area but not within habitat plot.

4 = Recent signs of pig activity (rooting, wallowing, vegetation destruction, tracks, scat, pigs) within habitat plot.

Ground Squirrel Activity within Habitat Plot:

1 = No ground squirrel burrows detected.

2 = Burrows and/or ground squirrels observed in adjacent area but not within habitat plot.

3 = Single squirrel or burrow seen within habitat plot.

4 = Multiple burrows and/or squirrels seen within habitat plot.

Botta's Pocket Gopher Activity within Habitat Plot:

1 = No pocket gopher mounds detected.

2 = Mounds or gophers observed in adjacent area but not within habitat plot.

3 = <10 mounds observed within habitat plot.

4 = ≥10 mounds or one or more gophers seen within habitat 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

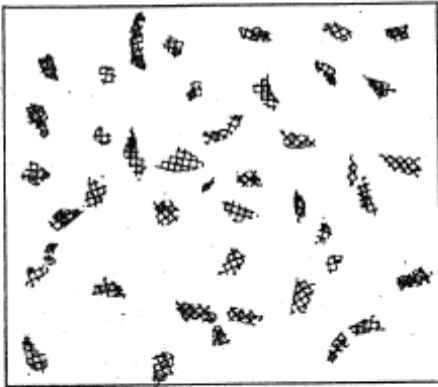
1%



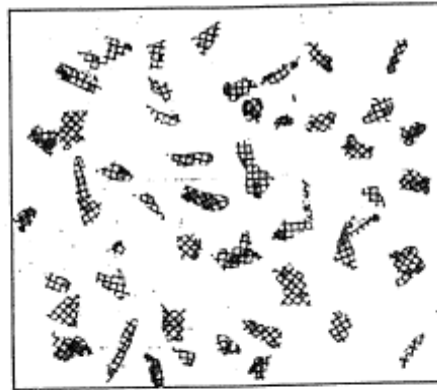
5%



10%



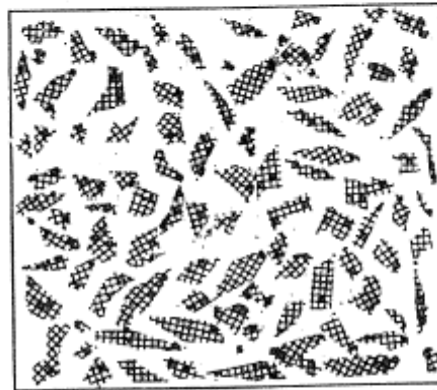
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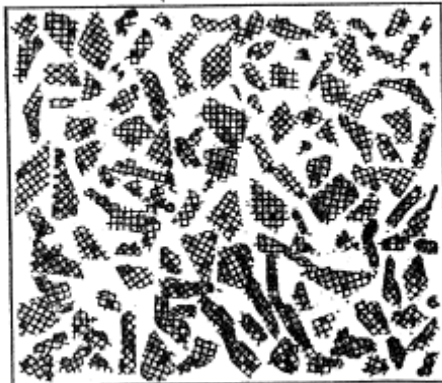
25%



35%



50%



75%

