

OSMP Plant Phenophase Datasheet - datasheet 1 of 3

Start time _____
 End time _____

Date _____
 Site Gregory Canyon _____
 Observer _____

Tag ID	Leaves (note, PRUAME flowers before leaves)									Flowers				Fruits				Notes (put here, text below)		
	Breaking buds	Number buds breaking	Young leaves	Number young leaves present	Leaves	Percent canopy with leaves	Expanding leaves	Size of most leaves	Colored leaves	Percent canopy with non-grm lvs	Flowers or flower buds	Number flowers and flower buds	Open flowers	% fresh flowers open	Fruits	Number fruits	Ripe fruits		Percent fruits ripe	Recent fruit or seed drop
1. GC-MAHREP-01																				
2. GC-PADVIR-01																				
3. GC-PRUAME-01																				
4. GC-PADVIR-02																				
5. GC-MAHREP-02																				
6. GC-PRUAME-02																				
7. GC-PADVIR-03																				
8. GC-MAHREP-03																				
9. GC-PADVIR-04																				
10. GC-PRUAME-03																				

Notes (if note is specific to a tagged plant, then enter the note number from the last column above):

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Directions: Fill in the table listing the 6 letter species code and replicate number on the tag. Enter one of these codes (Y=phenophase is occurring; N=phenophase is not occurring; ?=not certain). Leave blank if you did not check for the phenophase. In the adjacent column, write in the code for the appropriate measure of intensity or abundance as described on this sheet. Number notes associated with each tagged plant and elaborate on the space provided on the front side, bottom, of this sheet.

Phenophase	Abundance or intensity measure	Abundance/Intensity Classes
Breaking leaf buds	How many buds are breaking? A breaking leaf bud is one where you can see a leaf tip; swollen buds do not count as breaking; if a bud has at least one leaf with a petiole visible, then the bud is no longer breaking	A: <3 B: 3-10 C: 11-100 D: 101-1000 E: 1,001-10,000 F: >=10,000
Young leaves (Mahonia only)	How many young leaves are present?	A: <3 B: 3-10 C: 11-100 D: 101-1000 E: 1,001-10,000 F: >10,000
Leaves	What percentage of the potential canopy space is full with leaves/ ignore dead branches in your estimate of potential canopy space	A: <5% B: 5-24% C: 25-49% D: 50-74% E: 75-94% F: >=95%
Expanding leaves (aka, increasing leaf size)	What is the size of most of the leaves? If all leaves have fully expanded, then score this as No.	A: Most leaves are <25% of full possible size B: 25-49% C: 50-74% D: 75-94% E: >=95%
Colored leaves	What percentage of the potential canopy space is full with late-season, non-green leaf color? Ignore dead branches in our estimate of potential canopy space	A: <5% B: 5-24% C: 25-49% D: 50-74% E: 75-94% F: >=95%
Flowers or flower buds	How many flowers and flower buds are present? For species in which individual flowers are clustered in flower heads, spikes or catkins (inflorescences), simply estimate the number of flower heads, spikes or catkins and <u>not the number of individual flowers</u>	A: <3 B: 3-10 C: 11-100 D: 101-1000 E: 1,001-10,000 F: >10,000
Open flowers	What percentage of all fresh flowers (buds plus unopened plus open) on the plant are open? If individual flowers are clustered in flower heads, spikes or catkins (inflorescences), estimate the percentage of all <u>individual flowers</u> that are open; Note this is different than the previous phase, in that this phase counts flowers.	A: <5% B: 5-24% C: 25-49% D: 50-74% E: 75-94% F: >= 95%
Fruits	How many fruits are present?	A: <3 B: 3-10 C: 11-100 D: 101-1000 E: 1,001-10,000 F:>10,000
Ripe fruits	What percentage of all fruits (unripe plus ripe) on the plant are ripe?	A: <5% B: 5-24% C: 25-49% D: 50-74% E: 75-94% F: >95%
Recent fruit or seed drop (Mahonia and Yucca only)	How many mature fruits have dropped seeds or have completely dropped or been removed from the plant since your last visit? Do not include obviously immature fruits that have dropped before ripening, such as in a heavy rain or wind, or empty fruits that had long ago dropped all of their seeds but remained on the plant.	A: <3 B: 3-10 C: 11-100 D: 101-1000 E: 1,001-10,000 F: >10,000

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Site Gregory Canyon

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11. GC-PRUAME-04																					
12. GC-PRUAME-05																					
13. GC-MAHREP-04																					
14. GC-YUCGLA-01																					
15. GC-MAHREP-05																					
16. GC-PADVIR-05																					
17. GC-YUCGLA-02																					
18. GC-PADVIR-06																					
19. GC-MAHREP-06																					
20. GC-YUCGLA-03																					
21. GC-MAHREP-07																					
22. GC-YUCGLA-04																					

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