

**White Mountains Dolostones (WDS) Target Region, Cottonwood South (CWS), Patriarch Grove South (PGS), Sheep Mountain East (SME)
Plant Taxa List Based on Previous Surveys (2005, 2010, 2015, 2021)**

Family	Taxon	CWS	PGS	SME	Collection	Images	Notes
	Eudicots						
Apiaceae	<i>Cymopterus cinerarius</i>		1	1	SME	PGS SME	
Asteraceae	<i>Antennaria corymbosa</i>			1			Need image; Updated to Antennaria cf. corymbosa
Asteraceae	<i>Antennaria rosea</i>		1	1	SME	SME	
Asteraceae	<i>Artemisia dracunculus</i>	1		1	SME	SME	
Asteraceae	<i>Artemisia rothrockii</i>		1	1	PGS SME	PGS SME	
Asteraceae	<i>Chrysothamnus viscidiflorus</i> ssp. <i>viscidiflorus</i>	1	1	1			
Asteraceae	<i>Cymopterus cinerarius</i>	1	1	1	SME	SME	
Asteraceae	<i>Ericameria discoidea</i>		1	1	SME		Need image
Asteraceae	<i>Erigeron clokeyi</i> var. <i>pinzliae</i>	1	1	1	SME		Need image
Asteraceae	<i>Erigeron compositus</i>	1		1	SME	SME	
Asteraceae	<i>Erigeron pygmaeus</i>	1	1	1	CWS PGS SME	CWS PGS	
Asteraceae	<i>Hymenoxys cooperi</i>	1	1	1	PGS SME	CWS PGS SME	
Asteraceae	<i>Packera wernerifolia</i>	1	1	1	PGS SME	PGS SME	
Asteraceae	<i>Pyrrocoma apargioides</i>	1	1	1	SME	PGS	
Asteraceae	<i>Stenotus acaulis</i>		1	1	PGS	PGS	
Asteraceae	<i>Townsendia condensata</i>	1	1	1		CWS SME	
Asteraceae	<i>Townsendia leptotes</i>	1	1		PGS	CWS	
Boraginaceae	<i>Oreocarya flavoculata</i>	1	1	1		SME	Need voucher
Boraginaceae	<i>Oreocarya humilis</i>		1	1	PGS	PGS	
Brassicaceae	<i>Boechera depauperata</i>			1			Need image
Brassicaceae	<i>Boechera lemmonii</i>	1	1	1	PGS SME	SME	
Brassicaceae	<i>Boechera inyoensis</i>			1	PGS		
Brassicaceae	<i>Draba breweri</i>	1	1	1			Need image
Brassicaceae	<i>Draba oligosperma</i>	1	1	1	CWS PGS	CWS PGS	

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Brassicaceae	<i>Physaria kingii</i>	1	1	1	PGS SME	PGS SME	Updated to <i>Physaria kingii</i> subsp. <i>kingii</i>
Caryophyllaceae	<i>Eremogone kingii</i> var. <i>glabrescens</i>	1	1	1	CWS SME	CWS PGS SME	
Caryophyllaceae	<i>Minuartia nuttallii</i> subsp. <i>gracilis</i>			1		SME	Updated to <i>Sabulina nuttallii</i> var. <i>gracilis</i>
Caryophyllaceae	<i>Minuartia rubella</i>			1	SME	SME	
Fabaceae	<i>Astragalus calycosus</i> var. <i>calycosus</i>		1		PGS	PGS	
Fabaceae	<i>Astragalus kentrophyta</i> var. <i>tegetarius</i>	1	1	1	CWS PGS SME	CWS PGS SME	
Fabaceae	<i>Oxytropis parryi</i>	1	1	1	CWS PGS SME	CWS PGS SME	
Grossulariaceae	<i>Ribes cereum</i>			1	SME	SME	
Linaceae	<i>Linum lewisii</i>	1	1	1		PGS	Updated to <i>Linum lewisii</i> var. <i>lewisii</i>
Orobanchaceae	<i>Castilleja nana</i>	1	1	1	PGS SME	CWS PGS SME	
Plantaginaceae	<i>Penstemon heterodoxus</i> var. <i>heterodoxus</i>			1	SME	SME	
Polemoniaceae	<i>Linanthus pungens</i>			1		SME	Updated to <i>Linanthus pungens</i> subsp. <i>pulchriflorus</i>
Polemoniaceae	<i>Phlox condensata</i>	1	1	1	CWS PGS SME	CWS PGS SME	
Polygonaceae	<i>Eriogonum gracilipes</i>	1	1	1	CWS PGS SME	CWS PGS SME	
Primulaceae	<i>Androsace septentrionalis</i>	1	1	1	PGS SME	CWS PGS SME	Only annual documented
Rosaceae	<i>Potentilla jepsonii</i>			1		SME	Not known on dolomite
Rosaceae	<i>Potentilla morefieldii</i>		1	1	SME	PGS SME	Collected below plot at CWS.
Rosaceae	<i>Potentilla pensylvanica</i>		1	1		SME	Verify at PGS
Rosaceae	<i>Potentilla pseudosericea</i>	1	1	1	CWS SME	CWS SME	

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Saxifragaceae	<i>Heuchera parvifolia</i>		1				Need image
	Monocots						
Cyperaceae	<i>Carex duriuscula</i>	1	1	1	PGS SME	CWS SME	
Cyperaceae	<i>Carex rossii</i>		1				Need image
Poaceae	<i>Calamagrostis purpurascens</i>	1		1		CWS	
Poaceae	<i>Elymus elymoides</i>	1	1	1	CWS SME	CWS SME	
Poaceae	<i>Festuca brachyphylla</i> subsp. <i>breviculmis</i>			1	SME		Need image
Poaceae	<i>Koeleria macrantha</i>	1	1	1	CWS SME	CWS PGS SME	
Poaceae	<i>Muhlenbergia richardsonis</i>			1	SME	SME	
Poaceae	<i>Poa cusickii</i> subsp. <i>epilis</i>	1	1	1		CWS SME	Need voucher. Updated to <i>Poa cusickii</i> subsp. <i>pallida</i>
Poaceae	<i>Poa glauca</i> subsp. <i>rupicola</i>	1	1	1		CWS SME	
Poaceae	<i>Poa keckii</i>	1					Verify and collect
Poaceae	<i>Poa secunda</i> subsp. <i>secunda</i>	1	1	1	CWS	CWS PGS SME	
Poaceae	<i>Poa sp.</i>	1		1			
Poaceae	<i>Trisetum spicatum</i>	1		1	SME	SME	Verify at CWS
	Gymnosperms						
Pinaceae	<i>Pinus flexilis</i>		1				Need image
Pinaceae	<i>Pinus longaeva</i>		1			PGS	
	Ferns						
Woodsiaceae	<i>Cystopteris fragilis</i>			1	SME	SME	
	Bryophytes and Lichen						
	Bryophytes on soil	1	1	1		PGS	
	Lichens on soil	1	1			PGS	
	Species richness	35	42	53			no Bryos&Lichen