



PROJECT MUSE®

---

## Water Wise

Wendy Mee

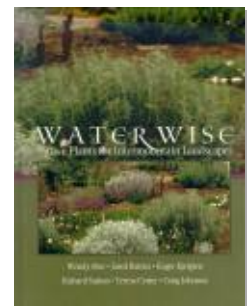
Published by Utah State University Press

Mee, Wendy.

Water Wise: Native Plants for Intermountain Landscapes.

Utah State University Press, 2003.

Project MUSE.[muse.jhu.edu/book/9251](https://muse.jhu.edu/book/9251).



➔ For additional information about this book

<https://muse.jhu.edu/book/9251>

# APPENDIX

## TABLE OF SPECIES AND COMMUNITIES

	MONTANE ZONE				FOOTHILLS ZONE				DESERT ZONE			RIPARIAN ZONE (w = wet, d = dry)	page
	Parkland	Coniferous Forest	Aspen Forest	Meadow	Mountain Brush (w = wet)	Pinyon Juniper	Mtn Mahogany/Rock Outcropping	Shrub Steppe	Cool Desert Shrub	Salt Desert Shrub	Sand Desert Shrub		
<b>WOODY PLANTS</b>													
<i>Abies concolor</i>	x	x	x									x	3
<i>Acer grandidentatum</i>	x	x	x		x			x				x	4
<i>Amelanchier utahensis</i>	x				x	x		x					5
<i>Arctostaphylos patula</i>	x	x			x	x							6
<i>Arctostaphylos uva-ursi</i>	x	x	x		x								7
<i>Artemisia nova</i>						x		x	x	x			8
<i>Artemisia tridentata</i>	x	x	x	x	x	x		x	x				9
<i>Atriplex canescens</i>						x		x	x		x		10
<i>Atriplex confertifolia</i>						x			x	x			11
<i>Betula occidentalis</i>			x		x							w	12
<i>Ceanothus martinii</i>	x	x	x		x	x							13
<i>Ceanothus velutinus</i>	x	x	x		x								14
<i>Celtis reticulata</i>					x	x		x				x	15
<i>Ceratoides lanata</i>						x		x	x				16
<i>Cercocarpus intricatus</i>					x	x	x		x				17
<i>Cercocarpus ledifolius</i>	x	x			x	x	x	x					18
<i>Cercocarpus montanus</i>	x				x	x		x					19
<i>Chamaebatiaria millefolium</i>	x				x	x	x		x				20
<i>Chilopsis linearis</i>												d	21
<i>Chrysothamnus nauseosus</i>	x				x	x		x	x	x		d	22
<i>Clematis ligusticifolia</i>												x	23
<i>Cornus sericea</i>												x	24
<i>Crataegus douglasii</i>												x	25
<i>Ephedra viridis</i>	x					x		x	x	x			26
<i>Eriogonum corymbosum</i>					x	x		x	x				27
<i>Fallugia paradoxa</i>						x			x			d	28
<i>Forestiera neomexicana</i>												d	29
<i>Fraxinus anomala</i>	x					x			x				30
<i>Gutierrezia sarothrae</i>					x	x		x	x		x		31
<i>Holodiscus dumosus</i>	x	x				x	x	x	x				32
<i>Jamesia americana</i>	x		x			x	x	x					33
<i>Juniperus communis</i>	x	x	x	x		x							34
<i>Juniperus osteosperma</i>		x				x	x						35
<i>Juniperus scopulorum</i>		x	x	x		x	x		x			x	36
<i>Lonicera involucrata</i>	x		x	x	x							x	37
<i>Mahonia fremontii</i>						x			x	x		d	38
<i>Mahonia repens</i>	x	x	x	x		x	x					x	39
<i>Pachystima myrsinites</i>	x		x	x		x					x		40
<i>Peraphyllum ramosissimum</i>		x				x	x		x				41
<i>Petrophytum caespitosum</i>	x					x		x	x				42
<i>Philadelphus microphyllus</i>	x	x	x	x		x	x					x	43
<i>Physocarpus malvaceus</i>	x	x	x	x		x	x					x	44
<i>Picea pungens</i>	x	x	x									x	45

	MONTANE ZONE				FOOTHILLS ZONE				DESERT ZONE			RIPARIAN ZONE (w = wet, d = dry)	page
	Parkland	Coniferous Forest	Aspen Forest	Meadow	Mountain Brush (w = wet)	Pinyon Juniper	Mtn Mahogany/Rock Outcropping	Shrub Steppe	Cool Desert Shrub	Salt Desert Shrub	Sand Desert Shrub		
<b>WOODY PLANTS (cont'd)</b>													
<i>Pinus edulis</i>	x				x	x							46
<i>Pinus flexilis</i>	x	x											47
<i>Pinus longaeva</i>	x												48
<i>Pinus ponderosa</i>	x												49
<i>Populus fremontii</i>												x	50
<i>Populus tremuloides</i>	x	x	x	x		x						x	51
<i>Potentilla fruticosa</i>	x		x		x	x					x		52
<i>Prunus virginiana</i>		x		x		x						x	53
<i>Pseudotsuga menziesii</i>	x	x	x	x		x							54
<i>Purshia mexicana</i>		x					x	x	x	x			55
<i>Purshia tridentata</i>		x				x	x	x					56
<i>Quercus gambelii</i>		x	x	x		x	x		x				57
<i>Rhus glabra</i>						x	x		x				58
<i>Rhus trilobata</i>						x	x		x				59
<i>Ribes aureum</i>		x	x	x		x			x			x	60
<i>Robinia neomexicana</i>												x	61
<i>Rosa woodsii</i>	x	x	x	x	x	x						x	62
<i>Salix amygdaloides</i>												x	63
<i>Salvia dorrii</i>							x			x			64
<i>Sambucus caerulea</i>	x	x	x	x		x	x		x			x	65
<i>Shepherdia argentea</i>												x	66
<i>Shepherdia rotundifolia</i>							x						67
<i>Sorbus scopulina</i>	x		x	x		x							68
<i>Symphoricarpos oreophilus</i>	x	x	x	x	x	x			x			x	69
<i>Yucca harrimaniae</i>							x		x	x	x		70
<b>FORBS</b>													
<i>Agastache urticifolia</i>	x	x		x	x	x			x				73
<i>Allium acuminatum</i>		x				x	x		x				74
<i>Anaphalis margaritacea</i>		x	x	x	x							x	75
<i>Anemone patens</i>	x		x	x	x								76
<i>Antennaria microphylla</i>	x	x	x		x	x	x	x	x				77
<i>Aquilegia caerulea</i>	x	x	x	x		x			x				79
<i>Aquilegia flavescens</i>	x		x	x	x	w						w	79
<i>Aquilegia formosa</i>	x	x		x		w			x			w	80
<i>Aquilegia scopulorum</i>	x	x	x										80
<i>Arenaria macradenia</i>	x	x	x	x		x	x	x		x			81
<i>Argemone munita</i>						x	x			x	x		82
<i>Arnica cordifolia</i>	x	x	x	x	x								83
<i>Artemisia frigida</i>	x	x	x	x	x	x	x	x	x	x	x		84
<i>Artemisia ludoviciana</i>	x	x		x	x	x	x	x	x	x			85
<i>Asclepias tuberosa</i>		x				x	x		x				86
<i>Aster engelmannii</i>	x		x	x		x							88
<i>Aster glaucodes</i>	x	x	x			x	x		x	x		d	88
<i>Aster scopulorum</i>									x				89
<i>Astragalus argophyllus</i>		x	x	x		x			x			x	91
<i>Astragalus calycosus</i>		x					x			x			91
<i>Astragalus detritalis</i>							x		x				92

	SUBALPINE ZONE				MONTANE ZONE				FOOTHILLS ZONE				DESERT ZONE			RIPARIAN ZONE (w = wet, d = dry)	page
	Parkland	Coniferous Forest	Aspen Forest	Meadow	Mountain Brush (w = wet)	Pinyon Juniper	Mtn Mahogany/Rock Outcropping	Shrub Steppe	Cool Desert Shrub	Salt Desert Shrub	Sand Desert Shrub						
<b>FORBS (cont'd)</b>																	
<i>Astragalus kentrophyta</i>	x	x					x					x	x			92	
<i>Astragalus mollissimus</i>						x	x					x	x	x		93	
<i>Astragalus purshii</i>							x					x				93	
<i>Astragalus spatulatus</i>							x	x	x			x				94	
<i>Astragalus utahensis</i>						x	x		x			x				94	
<i>Balsamorhiza sagittata</i>		x	x	x			x		x							95	
<i>Calochortus nuttallii</i>		x		x		x	x		x			x	x			96	
<i>Calylophus lavandulifolius</i>		x	x				x					x	x			97	
<i>Camassia quamash</i>				x	x	x			x							98	
<i>Campanula rotundifolia</i>	x	x	x	x	x											99	
<i>Castilleja angustifolia</i>		x				x			x							101	
<i>Castilleja chromosa</i>		x							x			x	x			101	
<i>Castilleja flava</i>			x	x		x			x							102	
<i>Castilleja linariaefolia</i>		x		x		x			x							102	
<i>Castilleja miniata</i>	x		x		x	x									x	103	
<i>Castilleja scabrida</i>		x				x	x									103	
<i>Chaenactis douglasii</i>	x	x	x	x		x	x		x			x	x			104	
<i>Clematis hirsutissima</i>	x	x	x	x	x	x			x							105	
<i>Cryptantha humilis</i>						x	x		x			x	x			106	
<i>Delphinium nuttallianum</i>	x	x	x	x	x			x				x	x	x		107	
<i>Epilobium angustifolium</i>	x	x	x	x	x	x			x							108	
<i>Erigeron compositus</i>	x		x	x	x			x								110	
<i>Erigeron eatonii</i>	x	x	x	x		x	x		x							110	
<i>Erigeron flagellaris</i>	x	x	x	x	x	x			x							111	
<i>Erigeron linearis</i>		x							x							111	
<i>Erigeron speciosus</i>	x	x	x	x	x	x	x		x							112	
<i>Erigeron utahensis</i>						x	x					x	x			112	
<i>Eriogonum brevicaulum</i>	x	x	x			x	x	x	x			x	x			114	
<i>Eriogonum caespitosum</i>						x	x	x	x							114	
<i>Eriogonum heracleoides</i>		x	x	x	x	x	x		x							115	
<i>Eriogonum jamesii</i>		x				x	x		x							115	
<i>Eriogonum ovalifolium</i>	x	x			x	x	x		x			x	x			116	
<i>Eriogonum racemosum</i>	x	x	x	x		x	x		x							116	
<i>Eriogonum shockleyi</i>							x		x			x	x	x		117	
<i>Eriogonum umbellatum</i>	x	x	x	x		x	x	x	x							117	
<i>Erysimum asperum</i>	x	x	x	x	x	x	x	x	x			x	x			118	
<i>Erythronium grandiflorum</i>	x		x	x	x	x			x							119	
<i>Fritillaria pudica</i>						x			x							120	
<i>Gaillardia aristata</i>	x	x	x	x			x									121	
<i>Gaura coccinea</i>						x	x		x			x	x			122	
<i>Geranium viscosissimum</i>	x		x	x	x	x			x							123	
<i>Geum triflorum</i>	x		x	x	x	x			x							124	
<i>Gilia aggregata</i>	x	x	x	x	x	x	x	x	x			x				125	
<i>Haplopappus armerioides</i>		x				x	x					x	x			126	
<i>Hedysarum boreale</i>		x		x		x	x		x			x				127	
<i>Helenium hoopesii</i>	x			x	x	x			x						x	128	
<i>Helianthella uniflora</i>	x	x	x	x		x	x		x							129	
<i>Heuchera rubescens</i>		x	x	x		x		x	x							130	

	MONTANE ZONE				FOOTHILLS ZONE				DESERT ZONE			RIPARIAN ZONE (w = wet, d = dry)	page
	Parkland	Coniferous Forest	Aspen Forest	Meadow	Mountain Brush (w = wet)	Pinyon Juniper	Mtn Mahogany/Rock Outcropping	Shrub Steppe	Cool Desert Shrub	Salt Desert Shrub	Sand Desert Shrub		
<b>FORBS (cont'd)</b>													
<i>Hydrophyllum capitatum</i>		x	x	x	x	x	x	x					131
<i>Hymenoxys acaulis</i>	x	x	x					x	x	x			132
<i>Iliamna rivularis</i>		x	x	x	x	w						x	133
<i>Iris missouriensis</i>				x	w							x	134
<i>Lathyrus brachycalyx</i>					x	x		x	x				135
<i>Lewisia rediviva</i>			x	x		x	x	x					136
<i>Linum kingii</i>	x	x	x	x			x	x					137
<i>Linum lewisii</i>		x	x	x	x	x	x	x	x	x			138
<i>Lupinus polyphyllus</i>		x		x		x	x	x					139
<i>Mentzelia laevicaulis</i>		x				x	x	x	x	x			140
<i>Mertensia oblongifolia</i>			x	x		x	x	x					141
<i>Mirabilis multiflora</i>							x		x				142
<i>Monardella odoratissima</i>	x	x	x	x	x	x	x	x	x				143
<i>Oenothera caespitosa</i>		x	x			x	x	x	x				145
<i>Oenothera howardii</i>		x							x	x			145
<i>Oenothera pallida</i>		x				x	x	x	x	x			146
<i>Oxytropis lambertii</i>						x	x		x				147
<i>Penstemon ambiguus</i>		x					x	x	x		x		149
<i>Penstemon caespitosus</i>		x	x	x		x	x	x	x				149
<i>Penstemon cyananthus</i>			x	x	x	x			x				150
<i>Penstemon eatonii</i>	x	x	x			x	x	x	x	x	x		150
<i>Penstemon fremontii</i>							x			x	x		151
<i>Penstemon humilis</i>	x	x	x	x		x	x	x	x				151
<i>Penstemon leonardii</i>		x	x	x		x	x	x	x				152
<i>Penstemon pachyphyllus</i>		x	x	x		x	x		x	x	x		152
<i>Penstemon palmeri</i>		x				x	x			x	x	x	153
<i>Penstemon platyphyllus</i>						x							153
<i>Penstemon rostriflorus</i>						x	x	x					154
<i>Penstemon sepalulus</i>			x	x		x			x				154
<i>Penstemon speciosus</i>							x		x				155
<i>Penstemon strictus</i>			x	x		x	x						155
<i>Penstemon utahensis</i>						x	x			x	x	x	156
<i>Penstemon whippleanus</i>	x		x	x									156
<i>Phacelia sericea</i>	x			x		x			x				157
<i>Phlox hoodii</i>	x	x					x		x	x			158
<i>Phlox longifolia</i>		x	x	x		x	x		x	x			159
<i>Polemonium foliosissimum</i>	x	x	x	x	x	x	x		x			x	160
<i>Potentilla gracilis</i>	x		x	x	x	x			x				161
<i>Sedum lanceolatum</i>	x	x	x	x		x	x	x	x				162
<i>Senecio douglasii</i>							x			x	x	x	163
<i>Sidalcea oregana</i>				x	x	w						x	164
<i>Silene acaulis</i>	x												165
<i>Sisyrinchium douglasii</i>				x	x			x					166
<i>Sphaeralcea caespitosa</i>									x	x			168
<i>Sphaeralcea coccinea</i>		x				x	x		x	x			168
<i>Sphaeralcea grossularifolia</i>		x					x		x	x			169
<i>Sphaeralcea munroana</i>					x			x	x				169

	MONTANE ZONE				FOOTHILLS ZONE				DESERT ZONE			RIPARIAN ZONE (w = wet, d = dry)	page
	Parkland	Coniferous Forest	Aspen Forest	Meadow	Mountain Brush (w = wet)	Pinyon Juniper	Mtn Mahogany/Rock Outcropping	Shrub Steppe	Cool Desert Shrub	Salt Desert Shrub	Sand Desert Shrub		
<b>FORBS (cont'd)</b>													
<i>Stanleya pinnata</i>					x	x		x	x	x			170
<i>Townsendia incana</i>						x			x	x	x		171
<i>Viguiera multiflora</i>	x	x	x	x	x	x	x		x	x		x	172
<i>Viola nuttallii</i>	x		x	x		x			x				173
<i>Wyethia amplexicaulis</i>				x	x	x			x				174
<i>Zauschneria latifolia</i>		x	x	x		x	x					x	175
<b>GRASSES</b>													
<i>Achnatherum hymenoides</i>		x				x	x		x	x	x	x	179
<i>Achnatherum speciosum</i>							x		x	x		x	180
<i>Aristida purpurea</i>						x	x		x	x	x		181
<i>Bouteloua curtipendula</i>		x					x			x			182
<i>Bouteloua gracilis</i>		x					x		x	x			183
<i>Bromus marginatus</i>		x				x			x				184
<i>Buchloe dactyloides</i>													185
<i>Danthonia intermedia</i>	x		x		x								186
<i>Distichlis stricta</i>										x		x	187
<i>Elymus elymoides</i>	x	x	x			x	x	x	x	x			188
<i>Festuca idahoensis</i>	x					x		x	x				189
<i>Hesperostipa comata</i>		x		x	x	x	x		x	x			190
<i>Hilaria jamesii</i>							x		x	x			191
<i>Koeleria macrantha</i>						x	x		x				192
<i>Leymus cinereus</i>		x	x	x		x	x	x	x	x		x	193
<i>Muhlenbergia montana</i>	x	x	x	x	x								194
<i>Pascopyrum smithii</i>						x	x		x	x			195
<i>Poa fendleriana</i>	x	x		x		x	x	x	x				196
<i>Poa secunda</i>	x	x	x	x	x	x	x	x	x	x			197
<i>Pseudoroegneria spicata</i>		x	x	x		x	x	x	x				198
<i>Schizachyrium scoparium</i>		x					x			x			199
<i>Sporobolus airoides</i>							x			x	x	x	200
<b>CACTI</b>													
<i>Coryphantha vivipara</i>							x			x			203
<i>Echinocereus engelmannii</i>							x			x	x		204
<i>Echinocereus triglochidiatus</i>							x			x	x		205
<i>Opuntia erinacea</i>		x		x		x	x			x	x		206
<i>Opuntia polyacantha</i>		x	x	x		x	x			x	x		207
<i>Pediocactus simpsonii</i>		x					x	x		x	x		208