Resedaceae (Mignonette Family)

Oligomeris linifolia (M. Vahl) J.F. Macbr. - Oligomeris. Uncommon, gravelly benches and sandy flats near Kelso Dunes, below 900 m. B.A. Prigge 2608 (UCR).

Rhamnaceae (Buckthorn Family)

Rhamnus ilicifolia Kellogg - Holly-leaved Red-berry. Infrequent, bouldery slopes in pinyon-juniper woodland, 1200-2100 m. J. André 3734 (GMDRC).

Rosaceae (Rose Family)

- Amelanchier utahensis Koehne Utah Service Berry. Uncommon, moist north-facing bouldery slopes, Cottonwood Basin and Snake Spring, 1300-1600 m. J. Evens 43 (GMDRC).
- Coleogyne ramosissima Torrey Blackbush. Common, dominating upper bajadas and plateaus, 1000-2000 m. J.André 3865 (GMDRC).
- Fallugia paradoxa (D. Don) Endl. Apache Plume. Infrequent, banks of canyon drainages and among boulders, 1200-2100 m. K. Hart 33 (GMDRC).
- Holodiscus microphyllus Rydb. var. microphyllus Rock Spiraea. Infrequent, bouldery slopes in pinyon-juniper woodland, 1800-2100 m. J. André 3943 (GMDRC).
- Ivesia saxosa (E. Greene) B. Ertter Rock Cinquefoil. Uncommon, crevices in cliff faces and boulders, 900-2100 m. J. André 3735 (GMDRC).
- Prunus fasciculata (Torrey) A. Gray var. fasciculata Desert Almond. Locally common, washes, occasionally on slopes, 1000-2000 m. J. André 2121 (GMDRC).
- Purshia tridentata (Pursh.) DC. var. glandulosa (Curran) M.E. Jones Mojave Antelope Bush. Frequent, ridges and slopes in woodland, 1300-2100 m. J. André 2102 (GMDRC).

Rubiaceae (Madder Family)

- !Galium aparine L. Goose Grass. Rare, in shady areas around springs on east side of range 1200-1500 m. J. Evens 98 (GMDRC).
- *Galium munzii Hilend & J. Howell Munz's Bedstraw. Rare, cool north-facing canyon slopes, Cottonwood Basin, 1300-1600 m. B.A. Stein 36 (RSA)
- Galium parishii Hilend & J. Howell Parish's Bedstraw. Infrequent, steep rocky slopes and shady canyon bottoms, 1600-2100 m. Bradbury 286 (UC).
- Galium stellatum Kellogg var. eremicum Hilend & J. Howell Desert Bedstraw. Common, rocky slopes and shady canyon bottoms, 1000-2000 m. J. André 3698 (GMDRC).

Rutaceae (Rue Family)

Thamnosma montana Torrey & Fremont - Turpentine Bush. Common, gravelly bajadas in diverse shrub associations, 800-1400 m. R.F. Thorne 45381 (UCR).

Salicaceae (Willow Family)

- Populus fremontii S. Watson ssp. fremontii Fremont Cottonwood. Uncommon, from four localities: Cove and Cottonwood Springs, Bull and Willow Spr Cyns, 1300-1800 m. R.F. Thorne 45471 (UC).
- Salix exigua Nutt. Narrow-leaved Willow. Infrequent, clonal occurrences in deep canyon drainages and springs, 1100-1900 m. J. André 2130 (GMDRC).
- Salix gooddingii C. Ball Goodding's Black Willow. Rare, springs and seeps in canyons and on rocky slopes, 1200-1500 m. R.F. Thorne 45421 (UC).
- Salix laevigata Bebb Red Willow. Rare, moist north-facing slopes, Snake Spring (may be S. gooddingii mis-identified). W.L. Jepson 20532 (JEPS)
- Salix lasiolepis Benth. Arroyo Willow. Uncommon, rocky slopes associated with sidehill seeps, upper Granite Cove, 1600 m. J. Evens 102 (GMDRC).

Saururaceae (Lizard's-tail Family)

Anemopsis californica (Nutt.) Hook & Arn. - Yerba Mansa. Rare, reported from lower Bull Canyon, 1200 m. (photograph and leaf material verified by J. André 1999).

Scrophulariaceae (Figwort Family)

- Antirrhinum filipes A. Gray -Yellow Twining Snapdragon. Occasional, on shrubs and debris, mostly in washes, below 1400 m. J. André 3955 (GMDRC).
- Castilleja angustifolia (Nutt.) G. Don Desert Indian Paintbrush. Occasional, upper bajadas in mixed scrub, or wooded slopes, 1200-2000 m. G.L. Clifton 24411 (GMDRC).
- Castilleja linariifolia Benth. Linear-leaved Paintbrush. Infrequent, gravelly bajadas, washes and rocky slopes, 1000-2100 m. B. Pitzer 4020 (UCR).
- Keckiella antirrhinoides (Benth.) Straw var. microphylla (A. Gray) N. Holmgren -Desert Chaparral Beard-tongue. Infrequent, bouldery slopes, pinyon-juniper woodland, 1200-1900 m. R.F. Thorne 45443 (UC).
- Mimulus bigelovii (A. Gray) A. Gray var. bigelovii Bigelow's Monkeyflower. Occasional, sandy washes and moist canyon drainages, 800-1700 m. J. Evens 27 (GMDRC).
- Mimulus guttatus DC. Common Large Monkeyflower. Infrequent, moist banks of canyon drainages, seeps and springs, 1000-1800 m. B. Pitzer 3899 (UCR).
- Mimulus parishii E. Greene Parish's Monkeyflower. Rare, known only from wet sandy banks of Bull Creek, upper Bull Canyon, 1800 m. F. Warrick 80 (GMDRC).
- Mimulus pilosus (Benth.) S. Watson Downy Monkeyflower. Uncommon, streambeds or moist disturbed areas, mainly east side, 1300-1600 m. J. André 5182 (GMDRC).
- Mimulus rubellus A. Gray Ciliolate-toothed Monkeyflower. Uncommon, sandy slopes and banks of washes, 800-1900 m. F. Warrick 27 (GMDRC).
- Penstemon eatonii A. Gray var. undosus M.E. Jones Eaton's Firecracker. Frequent, along rocky washes and slopes, 1300-2100 m. J. André 3870 (GMDRC).
- Penstemon palmeri A. Gray var. palmeri Palmer's Penstemon. Infrequent, gravelly areas along Kelbaker Rd, Granite Pass to Kelso Dunes, 800-1300 m. J. André 3692 (GMDRC).

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- Penstemon pseudospectabilis M.E. Jones Desert Penstemon. Occasional, among boulders, mostly east side, 1300-1800 m. J. André 5087 (UCR). (intergrades with P. stephensii).
- Penstemon rostriflorus Kellogg Bridge's Penstemon. Rare, known only from rocky north-facing slope near summit of Silver Peak at 2000 m. J. André 3821 (GMDRC).
- *Penstemon stephensii Brandegee Stephens' Beardtongue. Rare, among boulders east side of range, 1300-2000 m. J. Evens 77 (GMDRC). (intergrades with P. pseudospectabilisi).

Solanaceae (Nightshade Family)

- Datura wrightii Regel Jimson Weed. Occasional, in sandy washes and along roadsides, 800-1300 m. J. André 5708 (GMDRC).
- Lycium andersonii A. Gray Anderson's Desert-thorn. Frequent, sandy bajadas and moderate slopes, 1000-1900 m. J. André 3869 (GMDRC).
- Lycium cooperi A. Gray Cooper's Desert-thorn. Frequent, gravelly bajadas in diverse mixed shrub associations, and slopes below 1600 m. K. Hart 13 (GMDRC).
- Nicotiana obtusifolia Martens & Galeotti Desert Tobacco. Occasional, in crevices and cavities in rocks, wash margins, below 1500 m. J. André 2124 (GMDRC).
- Physalis crassifolia Benth. Thick-leaved Ground Cherry. Frequent, sandy and rocky places, mostly on west and south side of range, below 1400 m. G.L. Clifton 25200 (GMDRC).
- Physalis hederifolia A. Gray var. fendleri (A. Gray) Cronq. Ivy-leaved Ground Cherry. Infrequent, margins of washes or among rocks, 900-1900 m. J. André 4573 (GMDRC).

Tamaricaceae (Tamarisk Family)

!Tamarix ramosissima Ledeb. - Tamarisk. Uncommon, canyon bottoms, springs and seeps, 1000-1600 m. Eradication and control program is ongoing. B.A. Stein 76 (GMDRC).

Ulmaceae (Elm Family)

+Ulmus pumila L. - Siberian Elm. Uncommon, planted at historic homesteads but has not escaped here (has elsewhere in Mojave Desert). (obs. J. André 1994).

Urticaceae (Nettle Family)

Urtica dioica L. ssp. holosericea (Nutt.) Thorne - Hoary Nettle. Rare, one location on east side of range, in moist seep under a granitic overhang, 1350 m. J. Evens 41 (GMDRC).

Viscaceae (Mistletoe Family)

- Arceuthobium divaricatum Engelm. Pinyon Dwarf Mistletoe. Occasional, woodlands on P. monophylla, 1400-2100 m. Infrequently collected. (obs. J. André 1998).
- Phoradendron californicum Nutt. Desert Mistletoe. Frequent on Acacia and Prosopis, 800-1500 m. Norris s.n. (GMDRC).
- Phoradendron juniperinum A. Gray Juniper Mistletoe. Scattered throughout range, but infrequent on Juniperus, 1200-2100 m. J. André 3712 (GMDRC).

Zygophyllaceae (Caltrop Family)

- Kallstroemia californica (S. Watson) Vail California Kallstroemia. Rare, sandy areas in washes and on flats, only from southeast side, 1250 m. J. André 6650 (UCR).
- Larrea tridentata (Sessé & Moq. Ex DC.) Cov. Creosote Bush. Common dominant, sandy or gravelly bajadas or south-facing slopes, 700-1500 m. B. Pitzer 3965 (UCR).
- Tribulus terrestris L. Puncture Vine. Rare pernicious weed, along roadways and other disturbed areas, 900-1300 m. J. André 5944 (GMDRC).

CLASS II. MONOCOTYLEDONEAE - Monocotyledons

Cyperaceae (Sedge Family)

Carex alma L. Bailey - Sturdy Sedge. Occasional, seeps and springs in approximately 40 localities throughout range, 1100-1900 m. J. André 3445 (GMDCR).

- Eleocharis parishii Britton Parish's Spike-rush. Infrequent, seeps and springs and abandoned livestock improvements, 1000-1800 m. J. André 3746 (GMDRC).
- Scirpus pungens Vahl. Common Threesquare. Uncommon, seeps and canyon watercourses, Bull and Budweiser Canyons, Coyote Springs, 1200-1700 m. J. André 4099 (GMDRC).

Iridaceae (Iris Family)

Sisyrinchium halophilum E. Greene - Nevada Blue-eyed Grass. Uncommon, seeps and springs in approximately 10 localities throughout range, 1100-1800 m. J. Evens 60 (GMDRC).

Juncaceae (Rush Family)

- Juncus bufonius L. var. bufonius Common Toad Rush. Uncommon, seeps, springs and watercourses, 1200-1700 m. B.A. Prigge 2863 (UCR).
- Juncus bufonius L. var. occidentalis F.J. Herm. Western Toad Rush. Rare, canyon seep at base of Budweiser Canyon, 1300 m. J. André 4086 (GMDRC).
- Juncus macrophyllus Cov. Large-leaved Rush. Rare, canyon seep at base of Carr and Budweiser Canyons, 1200 -1400 m. J. André 4156 (GMDRC).
- Juncus mexicanus Willd. Mexican Rush. Infrequent, seeps and springs and moist canyon bottoms, 1100-1800 m. J. André 4087 (GMDRC).

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- *Juncus nodosus L. Knotted Rush. Rare, known only from Coyote Spring on east side of range, 1200 m. J. André 4046 (GMDRC).
- Juncus xiphioides E. Meyer Iris-leaved Rush. Infrequent, seeps and springs in approximately 30 localities throughout range, 1100-1900 m. J. André 4584 (GMDRC).

Liliaceae (Lily Family)

- Agave deserti Engelm. Desert Agave. Infrequent, rocky slopes, scattered throughout east side of range, 1200-1700 m. C.B. Wolf 10183 (RSA).
- *Allium atrorubens S. Watson var. cristatum (S. Watson) D. McNeal Dark Red Onion. Rare, only on ridgetops, west side of range, 1800-2000 m. J. André 4096 (GMDRC).
- Calochortus kennedyi Porter var. kennedyi Kennedy's Mariposa. Occasional, dry slopes and gravelly bajadas on far east side of range, 1100-1400 m. J. André 3693 (GMDRC).
- Calochortus kennedyi Porter var. munzii Jepson Munz's Red Mariposa. Rare, open flats in Bull Canyon, 1450 m. B.A. Stein s.n. (UCSC).
- Dichelostemma capitatum (Benth.) A.W. Wood ssp. pauciflorum (Torrey) Keator -Desert Blue-dicks. Occasional, gravelly bajadas, east side, 1100-1600 m. K. Hart 32 (GMDRC).
- Hesperocallis undulata A. Gray Desert Lily. Uncommon, aeolian sand deposits near Kelso Dunes, 800-900 m. J. André 4213 (GMDRC).
- Muilla transmontana E. Greene Great Basin Muilla. Rare, sandy flats, aeolian sand deposits near Kelso Dunes, 800 m. J. André 3628 (GMDRC). Note: this is a unique form that a southern disjunct and very small-flowered perhaps warranting further evaluation.
- Yucca baccata Torrey Spanish Bayonet. Frequent, dry rocky slopes and plateaus, mostly in pinyon-juniper woodland, 1300-2100 m. J. André 3621 (GMDRC).
- +Yucca brevifolia Engelm. Joshua Tree. Planted as ornamental in Granite Cove (1400 m), no natural populations exist in range. (obs. J. André 1994).
- Yucca schidigera K.E. Ortgies Mojave Yucca. Common, gravelly bajadas in diverse mixed scrub, 1000-1800 m. J. André 5839 (GMDRC).
- Zigadenus brevibracteatus (M.E. Jones) H.M. Hall Desert Death Camas. Occasional, sandy bajadas, especially on east side of range, 1000-1400 m. J. André 5061(UCR).

Poaceae (Grass Family)

- Achnatherum hymenoides (Roemer & Schultes) Barkworth Indian Ricegrass. Infrequent, mainly on aeolian deposits near Kelso Dunes, 800-1000 m. J. André 4198 (GMDRC).
- Achnatherum parishii (Vasey) Barkworth Parish's Needlegrass. Uncommon, gravelly or rocky slopes, 1300-2100 m. J. André 5986 (GMDRC).
- Achnatherum speciosum (Trin. & Rupr.) Barkworth Desert Needlegrass. Common, rocky slopes, plateaus and gravelly pediments, 1000-2100 m. C.B. Wolf 10118 (UC).

- Agrostis semiverticillata (Forsskal) C. Chr. European Needlegrass. Uncommon, disturbed or moist areas (Coyote Spring), 1200-1500 m. J. André 3899 (GMDRC).
- Aristida adscensionis L. Six-weeks Three-awn. Frequent, dry open bajadas and slopes among boulders, 900-1400 m. J. André 3987 (GMDRC).
- Aristida purpurea Nutt. var. fendleriana (Steudel) Vasey Fendler Three-awn. Frequent, rocky slopes, crevices, gravelly ridgetops, 1100-2100 m. J. Evens 90 (GMDRC).
- Aristida purpurea Nutt. var. nealleyi (Vasey) K.W. Allred Neally Three-awn. Infrequent, dry south-facing slopes, 1000-1600 m. B.A. Prigge 2349 (RSA).
- Aristida purpurea Nutt. var. parishii (A. Hitchc.) K.W. Allred Parish Three-awn. Infrequent, gravelly or rocky slopes, 1000-1500 m. R.F. Thorne 50670 (RSA).
- Aristida ternipes Cav. var. hamulosa (Henrard) J.S. Trent Hook Three-awn. Rare, dry hills near Budweiser Wash at 1300 m. B.A. Prigge 2321 (RSA).
- Bothriochloa barbinodis (Lagasca) Herter Cane Bluestem. Uncommon, crevices in rocks, rocky shaded canyon bottoms, 1200-1400 m. J. André 3756 (GMDRC).
- Bouteloua aristidoides (Kunth.) Griseb. var. aristidoides Needle Grama. Frequent, bajadas, flats and gravelly slopes, 800-1700 m. R.F. Thorne 50627 (RSA).
- Bouteloua barbata Lagasca var. barbata Six-weeks Grama. Common after summer rains, washes, sandy bajadas, lower slopes, below 1600 m. B. Pitzer 4006 (UCR).
- Bromus diandrus Roth Ripgut Grass. Uncommon, disturbed areas around historic settlements and livestock structures, mainly west side of range, 1100-1400 m. B. Pitzer 3917 (UCR).
- Bromus hordeaceus L. Soft Chess. Uncommon, three isolated occurrences in disturbed sites on east side of range, 1200-1400 m. J. André 3623 (GMDRC).
- Bromus madritensis L. ssp. rubens (L.) Husnot Foxtail Chess, Red Brome. Common, ubiquitous weed, widespread in all habitats, 700-2100 m. B.A. Stein 85 (GMDRC).
- Bromus tectorum L. Cheat Grass. Common, ubiquitous weed, widespread in all habitats, 700-2100 m. J. André 5919 (GMDRC).
- Bromus trinii Desv. Chilean Chess. Uncommon, sandy bajadas or washes, growing in shade of large shrubs, 1200-1700 m. J André 4908 (UCR). (mistakenly reported as non-native in Jepson Desert Manual).
- Cynodon dactylon (L.) Pers. Crab Grass. Uncommon, moist seeps or subalkaline soils of disturbed areas (Willow Spr. Basin), 1200-1400 m. J. André 3744 (GMDRC).
- Elymus elymoides (Raf.) Swezey ssp. brevifolius (J.G. Smith) Barkworth -Squirreltail. Uncommon, dry open slopes and ridgetops, 1800-2000 m. F. Warrick 75 (GMDRC).
- Elymus multisetus (J.G. Smith) Burtt Davy Big Squirreltail. Uncommon, ridgetops and rocky crags, 1800-2150 m. F. Warrick 74 (GMDRC).
- Elymus trachycaulus (Link) Shinn. ssp. trachycaulus Slender Wheatgrass. Uncommon, rocky slopes and canyon walls, Bull Canyon only, 1400-1900 m. R.F. Thorne 51609 (RSA).
- Elytrigia intermedia (Host) Nevski ssp. intermedia Intermediate Wheatgrass. Rare, unconfirmed report by G.L Clifton, 2001.
- Eragrostis cilianensis (All.) Janchen Stinkgrass. Infrequent, disturbed soils or in post fire recovery on hillsides, 1200-1800 m. B. Pitzer 4016 (UCR).

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- Erioneuron pulchellum (Kunth.) Tateoka Fluff Grass. Frequent, sandy or gravelly bajadas and pediments, 800-1800 m. Dorothy Fugle 1045 (UCSB).
- Hordeum murinum L. ssp. murinum Wall Barley. Uncommon, disturbed areas along roadsides and buildings in Granite Cove, 1300 m. J. André 4051 (GMDRC).
- Melica frutescens Scribner Tall Melica. Uncommon, bouldery slopes, pinyon-juniper woodland, 1300-1700 m. Al Flink s.n. (UCSB).
- Melica imperfecta Trin. Small-flowered Melica. Infrequent, rocky slopes and bouldery areas in pinyon-juniper woodland, 1300-1600 m. G.L. Clfton 24771 (GMDRC).
- Muhlenbergia asperifolia (Nees & Meyen) L. Parodi Scratchgrass. Rare, in Bull Cyn on moist sandy margins of creekbed, 1100 m. J. André 3628 (GMDRC).
- Muhlenbergia microsperma (DC.) Trin. Littleseed Muhly. Uncommon, dry slopes and open sites on pediments, Willow Springs Basin, 1100-1200 m. J. André 3954 (GMDRC).
- Muhlenbergia porteri Beal. Porter's Muhly. Frequent, crevices on cliffs and on steep rocky slopes, 900-1800 m. S. Boyd 5143 (RSA).
- Muhlenbergia rigens (Benth.) A. Hitchc. Deergrass. Locally common, moist sandy margins of streams, canyon bottoms, 1300-2100 m. B.A. Prigge 2323 (UCR).
- Phragmites australis (Cav.) Steudel Common Reed. Uncommon, perennial moist sand in canyon bottoms and near seeps, 1300-1800. J. André 3742 (GMDRC).
- Pleuraphis rigida Thurber Big Galleta. Uncommon, sandy bajadas and aeolian deposits near Kelso Dunes, 700-1300 m. G.L. Clifton 31216 (GMDRC).
- Poa annua L. Annual Bluegrass. Rare waif, in moist shady drainage above Coyote Spring, and near developments in Granite Cove, 1200-1400 m. J. André 5994 (GMDRC).
- Poa bigelovii Vasey & Scribner Bigelow's Bluegrass. Uncommon, slopes among boulders and understory of pinyon woodland, 1300-1600 m. G.L. Clifton 11821 (GMDRC).
- Poa fendleriana (Steudel) Vasey ssp. longiligula (Scribner & Williams) R. Soreng -Longtongue Mutton Grass. Uncommon, rocky north-facing slopes, 1500-2100 m. G.L. Clifton 24374 (GMDRC).
- Poa secunda J.S. Presl ssp. secunda One-sided Bluegrass. Frequent, rocky or gravelly slopes and ridgetops, 1000-2100 m. J. André 3939 (GMDRC).
- Polypogon monspeliensis (L.) Desf. Annual Beard Grass. Uncommon, moist sandy soils near seeps and springs, 1100-1900 m. F. Warrick 109 (GMDRC).
- Schismus barbatus (L.) Thell. Mediterranean Grass. Common, sandy bajadas and flats, disturbed areas, 700-1400 m. J. André 2099 (GMDRC).
- Sporobolus cryptandrus (Torrey) A. Gray Sand Dropseed. Uncommon, rocky to sandy washes, slopes in pinyon-juniper woodland, 1300-2100 m. J. André 5933 (GMDRC).
- Tridens muticus (Torrey) Nash Slim Tridens. Uncommon, dry rocky slopes and in pinyon and juniper woodland, 1200-2000 m. E.W. Lathrop 7804 (UCR).
- Vulpia bromoides (L.) S.F. Gray Cheat Fescue. Rare waif, mouth of Budweiser Canyon in disturbed soils, 1300 m. J. Evens 82 (GMDRC).
- Vulpia microstachys (Nutt.) Munro var. pauciflora (Beal) Lonard & Gould Awned Fescue. Uncommon, moist soils (Cottonwood Spring), 1400 m. G.L. Clifton 26330 (GMDRC).

- Vulpia myuros (L.) C. Gmelin var. hirsuta Hack. Rattail Fescue. Rare, near Cottonwood Spring, 1400 m. (obs. R.F. Thorne et. al. 1981).
- Vulpia octoflora (Walter) Rydb. var. octoflora Slender Fescue. Frequent, washes, sandy bajadas and aeolian sands near Kelso Dunes, 700-1800 m. J. André 4170 (GMDRC).

Typhaceae (Cattail Family)

Typha domingensis Pers. - Southern Cattail. Uncommon, springs and seeps and moist sandy areas in canyon bottoms, 1100-1700 m. J. André 5888 (GMDRC).



Williams, Kimberlyn et al. 2006. "Habitat correlates of Calochortus plummerae, a rare mariposa lily, on the campus of California State University, San Bernardino." *Crossosoma* 32(2), 75–82.

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