

SPECIES CODE	SPECIES	FAMILY	COMMON NAME	NAME CHANGES* OTHER NOTES	SOURCE CODE	Life Cycle	Provenance	Lifeform	Habit
AAFF	Annual Forbs	**	**		1,4,8	A		Herb	wn
GRASS	Grass species	Poaceae			4	ABP		Grass	gr
GRASSa	Grass sp. Annual	Poaceae			1	A		Grass	gr
PPFF	Perennial Forb	**	**		1,4	P		Herb	fb
<b>Ferns and Fern Allies</b>									
AZFI	<i>Azolla filiculoides</i>	Azollaceae	Pacific mosquito fern		5,7	A	N	Herb	fb
EQAR	<i>Equisetum arvense</i>	Equisetaceae	Field horsetail	many side branches	7,8	P	N	Herb	wn
EQLA	<i>Equisetum laevigatum</i>	Equisetaceae	Smooth scouring rush	no side branches	2,3,5,6,7	P	N	Herb	wn
EQUIS	<i>Equisetum</i> sp.	Equisetaceae	Horsetail/ Scouring rush		1,4,6,8	P	N	Herb	wn
MARSI	<i>Marsilea</i> sp.	Marsileaceae	Waterclover		4	P	N	Herb	wn
MAVE2	<i>Marsilea vestita</i>	Marsileaceae	Hairy waterclover		7	P	N	Herb	wn
<b>Cone Bearing Plants</b>									
CUPRE	<i>Cupressus</i> sp.	Cupressaceae	Cypress		7	P	E	Shrub	we
EPNE	<i>Ephedra nevadensis</i>	Ephedraceae	Nevada ephedra/ Nevada mormon tea	branches spreading, bushy to blue-green	1,2,3,4,6,7,8	P	N	Shrub	xs
EPHED	<i>Ephedra</i> sp.	Ephedraceae	Ephedra/ Jointfir		8	P		Shrub	xs
EPVI	<i>Ephedra viridis</i>	Ephedraceae	Green ephedra/ Green mormon tea	branches ascending, bright green	1,2,7	P	N	Shrub	xs
ABCO	<i>Abies concolor</i>	Pinaceae	White fir		7	P	N	Shrub	tr
PIAB	<i>Picea abies</i>	Pinaceae	Norway spruce		1	P	E	Shrub	we
PIJE	<i>Pinus jeffreyi</i>	Pinaceae	Jeffrey pine	3 ndls/fasl; bark scented; cone prickles curved inward; above 6500'	7	P	N	Shrub	tr
PIMO	<i>Pinus monophylla</i>	Pinaceae	Singleleaf pinyon	1 needle/fascal	1,7	P	N	Shrub	tr
PIPO	<i>Pinus ponderosa</i>	Pinaceae	Ponderosa pine	3 needles/fascal; bark usually unscented; cones prickly; below 7000'	1	P	N	Shrub	tr
<b>Flowering Plants</b>									
<b>Dicotyledons</b>									
SAME5	<i>Sambucus mexicana</i>	Adoxaceae	Blue elderberry		7	P	N	Shrub	rs
SEVE2	<i>Sesuvium verrucosum</i>	Aizoaceae	Sea purslane		1,2,4,5,7	P	N	Herb	fb
AMAL	<i>Amaranthus albus</i>	Amaranthaceae	Tumbleweed	lvs spatulate, margin undulated, infl brch just above foliage	2,6,7	A	E	Herb	we
AMBL	<i>Amaranthus blitoides</i>	Amaranthaceae	Prostrate amaranth	plt prostrate, lvs ovate, shiny, margin smooth, infl leafy	2	A	E	Herb	we
AMPA	<i>Amaranthus palmeri</i>	Amaranthaceae	Palmer amaranth	lvs broad ovate, infl tall above foliage	6	A	N	Herb	fb
AMRE	<i>Amaranthus retroflexus</i>	Amaranthaceae	Redroot amaranth	lvs ovate, mrg. smooth or toothed, undulated, infl erect, many branched	2,8	A	E	Herb	we
AMARA	<i>Amaranthus</i> sp.	Amaranthaceae	Pigweed/Amaranth		0,4,8	A		Herb	wn
AMSP	<i>Amaranthus spinosus</i>	Amaranthaceae	Spiny pigweed	lvs ovate, stipular spines, infl tall, branched	6	A	E	Herb	we
NIOC2	<i>Nitrophila occidentalis</i>	Amaranthaceae	Western miterwort		1,2,3,4,5,6,7,8	P	N	Herb	fb
ANLI2	<i>Angelica lineariloba</i>	Apiaceae	Tall angelica		4,2,7	P	N	Herb	fb
APGR2	<i>Apium graveolens</i>	Apiaceae	Celery		7	ABP	E	Herb	we
BEER	<i>Berula erecta</i>	Apiaceae	Cutleaf water-parsnip		2,3,5,7	P	N	Herb	fb
CIDO	<i>Cicuta douglasii</i>	Apiaceae	Western water hemlock		2,3,4,5,6,7	P	N	Herb	fb
CIMA2	<i>Cicuta maculata</i>	Apiaceae	Spotted water hemlock		8	P	N	Herb	fb
CONIU	<i>Conium</i> sp.	Apiaceae	Poison hemlock		7	B	E	Herb	we
CYPA	<i>Cymopterus panamintensis</i>	Apiaceae	Panamint springparsley		7	P	N	Herb	fb
DACA6	<i>Daucus carota</i>	Apiaceae	Queen Anne's lace/Carrot		2,4,7	AB	E	Herb	we
LOMO	<i>Lomatium mohavense</i>	Apiaceae	Mojave desert parsley		2	P	N	Herb	fb
LONE	<i>Lomatium nevadense</i>	Apiaceae	Nevada biscuitroot		2	P	N	Herb	fb
LORI2	<i>Lomatium rigidum</i>	Apiaceae	Big Pine lomatium		7	P	N	Herb	fb
PELE5	<i>Perideridia lemmonii</i>	Apiaceae	Lemmon's yampah		7	P	N	Herb	fb
PERID	<i>Perideridia</i> sp.	Apiaceae	Yampah		7	P		Herb	fb
SISU2	<i>Sium suave</i>	Apiaceae	Water-parsnip, Hemlock		2,5,6,7	P	N	Herb	fb
SPCA5	<i>Sphenosciadium capitellatum</i>	Apiaceae	Ranger's buttons		7	P	N	Herb	fb
APAN2	<i>Apocynum androsaemifolium</i>	Apocynaceae	Bitter dogbane	bushy perennial; flowers white to pink	7	P	N	Herb	fb
APCA	<i>Apocynum cannabinum</i>	Apocynaceae	Hemp dogbane	erect perennial, flowers small, white	4,7,8	P	N	Herb	fb
* APCAG	<i>Apocynum cannabinum</i> var. <i>glaberrimum</i>	Apocynaceae	Hemp dogbane	var. <i>glaberrimum</i> not recognized	1,2,3,4,5,6	P	N	Herb	fb
APOCY	<i>Apocynum</i> sp.	Apocynaceae	Dogbane		1,4	P	N	Herb	fb
ASER2	<i>Asclepias erosa</i>	Apocynaceae	Desert milkweed	xeric shrub, lvs ovate, fuzzy, flw green-yellow, hood short	2,4,6	P	N	Herb	fb
ASFA	<i>Asclepias fascicularis</i>	Apocynaceae	Narrow-leaf milkweed	meadows, riparian, lvs linear, deep green, flowers brownish-pink	2,3,4,7,8	P	N	Herb	fb
ASLI?	<i>Asclepias linarrifolia</i>	Apocynaceae	Milkweed (unknown)	No listing in Jep or IMF, likely <i>Asclepias fascicularis</i>	7		N		fb
ASCLE	<i>Asclepias</i> sp.	Apocynaceae	Milkweed		1,4,8	P		Herb	fb
ASSP	<i>Asclepias speciosa</i>	Apocynaceae	Showy milkweed	meadows, lvs ovate, fuzzy, flw white & purple-red, hood extended	2,3,4,5,6,7,8	P	N	Herb	fb

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VIMA	<i>Vinca major</i>	Apocynaceae	Greater periwinkle		7	P	E	Herb	we
ACAMP	<i>Acamptopappus</i> sp.	Asteraceae	Goldenhead		1	P	N	Shrub	xs
ACSH	<i>Acamptopappus shockleyi</i>	Asteraceae	Shockley goldenhead		2	P	N	Shrub	xs
ACSP	<i>Acamptopappus sphaerocephalus</i>	Asteraceae	Rayless goldenhead		1,2	P	N	Shrub	xs
ACMI2	<i>Achillea millefolium</i>	Asteraceae	Common yarrow		7	P	N	Herb	fb
ACHIL	<i>Achillea</i> sp.	Asteraceae	Yarrow		1	P		Herb	fb
ACRE3	<i>Acroptilon repens</i>	Asteraceae	Russian knapweed		1,4,7,8	P	E	Herb	we
AGGL	<i>Agoseris glauca</i>	Asteraceae	Pale dandelion		7	P	N	Herb	fb
AGGLG	<i>Agoseris glauca</i> var. <i>glauca</i>	Asteraceae	Pale dandelion		7	P	N	Herb	fb
AGLL	<i>Agoseris glauca</i> var. <i>laciniata</i>	Asteraceae	False agoseris		7	P	N	Herb	fb
AGRE	<i>Agoseris retrorsa</i>	Asteraceae	Spearleaf agoseris		7	P	N	Herb	fb
AMAC2	<i>Ambrosia acanthicarpa</i>	Asteraceae	Bur ragweed	annual; leaflets or lobes broad, light & medium grey-green	1,2,3,4,6,7,8	A	N	Herb	wn
AMAR2	<i>Ambrosia artemisiifolia</i>	Asteraceae	Common ragweed	annual; leaflets or lobes somewhat thin, medium grey-green	6	A	E	Herb	we
AMDU2	<i>Ambrosia dumosa</i>	Asteraceae	Burrowbush	shrub; leaves small, lobed, grey-green	1,2,4,8	P	N	Shrub	xs
AMSA7	<i>Ambrosia salsola</i>	Asteraceae	Cheesebush	shrub; leaves green thread-like lobed	1,2,4,7,8	P	N	Shrub	xs
AMBRO	<i>Ambrosia</i> sp.	Asteraceae	Ragweed		8	AP		Herb/Shrub	wn
ANAC	<i>Anisocoma acaulis</i>	Asteraceae	Scale bud		2,3	A	N	Herb	fb
ANRO2	<i>Antennaria rosea</i>	Asteraceae	Rosy pussytoes		7,8	P	N	Herb	fb
ARCA6	<i>Arida carnosa</i>	Asteraceae	Shrubby alkali aster		1,2,3,4,7,8	P	N	Shrub	ss
ARCH3	<i>Arnica chamissonis</i>	Asteraceae	Chamisso arnica		7	P	N	Herb	fb
* ARCHF	<i>Arnica chamissonis</i> ssp. <i>foliosa</i>	Asteraceae	Chamisso arnica	<i>Arnica chamissonis</i>	7	P	N	Herb	fb
ARDO3	<i>Artemisia douglasiana</i>	Asteraceae	Douglas mugwort	lvs > 1cm wd, sprly tom above, dense below, lobed at ends	4,7,8	P	N	Herb	fb
ARDR4	<i>Artemisia dracunculus</i>	Asteraceae	Tarragon	lvs linear, green	2,4,7,8	P	N	Herb	fb
ARLU	<i>Artemisia ludoviciana</i>	Asteraceae	Silver mugwort	leaves < 1cm wide, densely tomentose, entire or lobed	1,2,4,6,7,8	P	N	Herb	fb
ARLUA	<i>Artemisia ludoviciana</i> ssp. <i>albula</i>	Asteraceae	White mugwort	lvs 1-2 cm long, infl open	7	P	N	Herb	fb
ARLUJ2	<i>Artemisia ludoviciana</i> ssp. <i>incompta</i>	Asteraceae	Western mugwort	lvs deeply lobed 2-11 cm long; infl narrow	5	P	N	Herb	fb
ARLUL2	<i>Artemisia ludoviciana</i> ssp. <i>ludoviciana</i>	Asteraceae	Silver mugwort	lvs entire to few toothed, 2-11 cm long; infl narrow	7	P	N	Herb	fb
ARSP5	<i>Artemisia spinescens</i>	Asteraceae	Bud sagebrush		1,3,4	P	N	Shrub	xs
ARTR2	<i>Artemisia tridentata</i>	Asteraceae	Big sagebrush		7,8	P	N	Shrub	xs
ARTRP2	<i>Artemisia tridentata</i> ssp. <i>parishii</i>	Asteraceae	Parish's big sagebrush	infl drooping at ends	4	P	N	Shrub	xs
ARTRT	<i>Artemisia tridentata</i> ssp. <i>tridentata</i>	Asteraceae	Basin big sagebrush	infl erect	1,2,3,4,5,6,7	P	N	Shrub	xs
* ASAS5	<i>Aster ascendens</i>	Asteraceae	Long-leaved aster	<i>Symphotrichum ascendens</i>	2,4,7	P	N	Herb	fb
* ASFR	<i>Aster frondosus</i>	Asteraceae	Leafy aster	<i>Symphotrichum frondosum</i>	2,3,7	A	N	Herb	fb
* ASHE	<i>Aster hesperius</i>	Asteraceae	Siskiyou aster	<i>Symphotrichum lanceolatum</i> var. <i>hesperium</i>	1,3	P	N	Herb	fb
* ASIN4	<i>Aster intricatus</i>	Asteraceae	Shrubby alkali aster	<i>Arida carnosa</i>	1,2,3,4	P	N	Shrub	ss
* ASLAH2	<i>Aster lanceolatus</i> ssp. <i>hesperius</i>	Asteraceae	Siskiyou aster	<i>Symphotrichum lanceolatum</i> var. <i>hesperium</i>	1,6,7	P	N	Herb	fb
* ASOC	<i>Aster occidentalis</i>	Asteraceae	Western mountain aster	<i>Symphotrichum spatulatum</i>	4,7	P	N	Herb	fb
ASTER	<i>Aster</i> sp.	Asteraceae	Aster		4,6,8			Herb	fb
* ASSP3	<i>Aster spinosus</i>	Asteraceae	Spiny chloracantha	<i>Chloracantha spinosa</i> var. <i>spinosus</i>	2	P	N	Shrub	ss
BASA4	<i>Baccharis salicifolia</i>	Asteraceae	Mulefat /Water wally		4	P	N	Shrub	rs
BASA3	<i>Balsamorhiza sagittata</i>	Asteraceae	Arrowleaf balsamroot		7	P	N	Herb	fb
BICE	<i>Bidens cernua</i>	Asteraceae	Nodding bur-marigold		7	A	N	Herb	fb
BICEC	<i>Bidens cernua</i> var. <i>cernua</i>	Asteraceae	Nodding bur-marigold		2	A	N	Herb	fb
BIFR	<i>Bidens frondosa</i>	Asteraceae	Sticktight/Beggars tick		1,2,3,4,6,7	A	N	Herb	fb
BIDEN	<i>Bidens</i> sp.	Asteraceae	Beggars tick		1	A		Herb	fb
BRCA3	<i>Brickellia californica</i>	Asteraceae	California brickellbush	stms short hairy, lvs broad ovate, margin toothed, base cordate to truncate	1	P	N	Shrub	xs
BRLO	<i>Brickellia longifolia</i>	Asteraceae	Longleaf brickellbush	lvs linear to lanceolate, margin entire, shiny	2	P	N	Shrub	xs
BRLOM	<i>Brickellia longifolia</i> var. <i>multiflora</i>	Asteraceae	Inyo brickellbush	lvs lanceolate to ovate, folded at midrib, base round	2,7	P	N	Shrub	xs
BRMI	<i>Brickellia microphylla</i>	Asteraceae	Sweet brickellia	stms & lvs glandular w/ long crooked hairs, lvs ovate to round	2,3	P	N	Shrub	xs
* BRMU2	<i>Brickellia multiflora</i>	Asteraceae	Inyo brickellbush	<i>Brickellia longifolia</i> var. <i>multiflora</i>	2,7	P	N	Shrub	xs
BRICK	<i>Brickellia</i> sp.	Asteraceae	Brickellbush		1,4	P	N	Shrub	xs
CAPA7	<i>Calycoseris parryi</i>	Asteraceae	Yellow tack-stem		2,3	A	N	Herb	fb
CAWR	<i>Calycoseris wrightii</i>	Asteraceae	White Tack-stem		2	A	N	Herb	fb
* CERE	<i>Centaurea repens</i>	Asteraceae	Russian knapweed	<i>Acroptilon repens</i>	1,4,7	P	E	Herb	we
CHCA	<i>Chaenactis carphoclinia</i>	Asteraceae	Pebble pincushion	lvs finely lobbed; longest phylls needle-like, flw white to pink	2	A	N	Herb	fb
CHFR	<i>Chaenactis fremontii</i>	Asteraceae	Fremont pincushion	lvs green, glab; flws white to pink, outer bilat, grly enlarged	2,3,8	A	N	Herb	fb
CHGLG2	<i>Chaenactis glabriuscula</i> var. <i>glabriuscula</i>	Asteraceae	Yellow pincushion	Pl grayish cobwebby; flws yellow	2	A	N	Herb	fb

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* CHGLT	<i>Chaenactis glabriuscula</i> var. <i>tenuifolia</i>	Asteraceae	Yellow pincushion	<i>Chaenactis glabriuscula</i> var. <i>glabriuscula</i>	2	A	N	Herb	fb
CHMA	<i>Chaenactis macrantha</i>	Asteraceae	Bighead pincushion	Sms red, hairy; lvs gray, hairy; outer phylls recurved, flw spreading	2	A	N	Herb	fb
CHAEN	<i>Chaenactis</i> sp.	Asteraceae	Pincushion		4	A	N	Herb	fb
CHST	<i>Chaenactis stevioides</i>	Asteraceae	Gray-leaved pincushion	plt green, cobwebby; flws white to pink, outer bilat, enlarged	1,2,4,8	A	N	Herb	fb
CHXA	<i>Chaenactis xantiana</i>	Asteraceae	Xanthus pincushion	Plt green; flws white to pink, phylls blunt-tipped, recurved	2	A	N	Herb	fb
CHAET	<i>Chaetadelpa</i> sp.	Asteraceae	Skeletonweed		8	P		Herb	fb
CHWH	<i>Chaetadelpa wheeleri</i>	Asteraceae	Wheeler's skeletonweed	Plant broom-like, lvs linear, green, inf 5 cream ligulate flows	2,4	P	N	Herb	fb
* CHOC	<i>Chamomilla occidentalis</i>	Asteraceae	Valley mayweed	<i>Matricaria occidentalis</i>	2	A	N	Herb	fb
* CHSU5	<i>Chamomilla suaveolens</i>	Asteraceae	Pineapple-weed	<i>Matricaria discoidea</i>	2,7	A	E	Herb	fb
CHSPS2	<i>Chloracantha spinosa</i> var. <i>spinosa</i>	Asteraceae	Spiny chloracantha		2	P	N	Shrub	ss
* CHAL9	<i>Chrysothamnus albidus</i>	Asteraceae	White-flowered rabbitbrush	<i>Ericameria albidus</i>	1,2,3,4,7	P	N	Shrub	ss
* CHNA2	<i>Chrysothamnus nauseosus</i>	Asteraceae	Common rabbitbrush	<i>Ericameria nauseosa</i>	1,4,6,7,8	P	N	Shrub	ss
* CHNAA3	<i>Chrysothamnus nauseosus</i> ssp. <i>albicaulis</i>	Asteraceae	White-stemmed rabbitbrush	<i>Ericameria nauseosa</i> var. <i>speciosa</i>	2	P	N	Shrub	xs
* CHNAC2	<i>Chrysothamnus nauseosus</i> ssp. <i>consimilis</i>	Asteraceae	Rubber rabbitbrush	<i>Ericameria nauseosa</i> var. <i>oreophila</i>	4,5,7	P	N	Shrub	xs
* CHNAH	<i>Chrysothamnus nauseosus</i> ssp. <i>hololeuca</i>	Asteraceae	White-leaf rabbitbrush	<i>Ericameria nauseosa</i> var. <i>hololeuca</i>	2,4,5,7	P	N	Shrub	xs
* CHNAM	<i>Chrysothamnus nauseosus</i> ssp. <i>mohavensis</i>	Asteraceae	Mojave rabbitbrush	<i>Ericameria nauseosa</i> var. <i>mohavensis</i>	2,3	P	N	Shrub	xs
* CHNAV	<i>Chrysothamnus nauseosus</i> ssp. <i>viridulus</i>	Asteraceae	Rubber rabbitbrush	<i>Ericameria nauseosa</i> var. <i>oreophila</i>	2,4	P	N	Shrub	ss
* CHNAO	<i>Chrysothamnus nauseosus</i> var. <i>oreophila</i>	Asteraceae	Rubber rabbitbrush	<i>Ericameria nauseosa</i> var. <i>oreophila</i>	4,5	P	N	Shrub	ss
* CHPA12	<i>Chrysothamnus paniculatus</i>	Asteraceae	Wash rabbitbrush/Black-stem	<i>Ericameria paniculata</i>	7	P	N	Shrub	xs
* CHTE4	<i>Chrysothamnus teretifolius</i>	Asteraceae	Needleleaf rabbitbrush	<i>Ericameria teretifolia</i>	1,2,3,4	P	N	Shrub	xs
CHV18	<i>Chrysothamnus viscidiflorus</i>	Asteraceae	Stickyhead rabbitbrush		1,3,6,7	P	N	Shrub	xs
CIIN	<i>Cichorium intybus</i>	Asteraceae	Common chicory		1,4,6,7,8	P	E	Herb	we
CIAR4	<i>Cirsium arvense</i>	Asteraceae	Canada thistle	lvs green; heads small unisexual, flowers purple	1,2,3,6,7,8	A	E	Herb	we
CIMO	<i>Cirsium mohavense</i>	Asteraceae	Mojave thistle	lvs gray fuzzy, heads 1.5-2.5cm wd, flws pink to white	2,3,4,7,8	BP	N	Herb	fb
CIOC	<i>Cirsium occidentale</i>	Asteraceae	Cobwebby thistle	lvs w/ cobweb hairs; infl down in lf rosette, flw red to lighter	7	B	N	Herb	fb
CIOCV	<i>Cirsium occidentale</i> var. <i>venustum</i>	Asteraceae	Venus thistle		2	B	N	Herb	fb
CIOC2	<i>Cirsium ochrocentrum</i>	Asteraceae	Yellow Spine Thistle	lvs gray-green, dply lobed; hds 2-3cm wide, flw white to pink	8	P	E	Herb	we
* CIPR	<i>Cirsium proteanum</i>	Asteraceae	Venus thistle	<i>Cirsium occidentale</i> var. <i>venustum</i>	2	B	N	Herb	fb
CIRSI	<i>Cirsium</i> sp.	Asteraceae	Thistle		1,2,4,6,8	ABP		Herb	we
CIVU	<i>Cirsium vulgare</i>	Asteraceae	Bull thistle	lvs green, harshly bristly; heads 2-4 cm wd, flws purple	2,3,4,6,7,8	B	E	Herb	we
* COCA5	<i>Conyza canadensis</i>	Asteraceae	Canada horseweed	<i>Erigeron canadensis</i> ; lvs linear to shallowly lobed, hairy	2,3,4,6,7,8	A	N	Herb	wn
* COCO4	<i>Conyza coulteri</i>	Asteraceae	Coulter's horseweed	<i>Laennecia coulteri</i> ; lvs w/ dentate teeth & shallowly lobed, glandular hairy	2,4,6,7	A	N	Herb	wn
CONYZ	<i>Conyza</i> sp.	Asteraceae	Horseweed		4	A		Herb	wn
* COBI	<i>Coreopsis bigelovii</i>	Asteraceae	Bigelow tickseed	<i>Leptosyne bigelovii</i>	2	A	N	Herb	fb
COTI3	<i>Coreopsis tinctoria</i>	Asteraceae	Golden tickseed		6	A	E	Herb	we
CROC	<i>Crepis occidentalis</i>	Asteraceae	Largeflower hawksbeard	lvs grey; infl rising just above foliage; in mts	7	P	N	Herb	fb
CRRU3	<i>Crepis runcinata</i>	Asteraceae	Fiddleleaf hawksbeard		0,8	P	N	Herb	fb
CRRUH	<i>Crepis runcinata</i> ssp. <i>hallii</i>	Asteraceae	Hall's meadow hawksbeard	lvs green; infl rising well above foliage, alkali meadows	4	P	N	Herb	fb
CREPI	<i>Crepis</i> sp.	Asteraceae	Hawksbeard		4	ABP		Herb	fb
DICA	<i>Dicoria canescens</i>	Asteraceae	Desert twinbugs		2	A	N	Herb	fb
DICA18	<i>Dieteria canescens</i>	Asteraceae	Hoary aster		2,8	AP	N	Herb	fb
ENAC	<i>Encelia actoni</i>	Asteraceae	Acton brittlebush	leaves silvery canescent w/out hairs, infl solitary ray & disk flws	7	P	N	Shrub	xs
ENFR	<i>Encelia frutescens</i>	Asteraceae	Button brittlebush	leaves hairy (not canescent), infl solitary, disk flowers only	4	P	N	Shrub	xs
* ENFRV	<i>Encelia frutescens</i> var. <i>virginensis</i>	Asteraceae	Bush sunflower	<i>Encelia virginensis</i>	1	P	N	Shrub	xs
ENCEL	<i>Encelia</i> sp.	Asteraceae	Brittlebush		4	P	N	Shrub	xs
ENVI	<i>Encelia virginensis</i>	Asteraceae	Bush sunflower	leaves w/ both canescence & hairs, infl solitary, ray & disk flws	1,2,4,8	P	N	Shrub	xs
ERAL23	<i>Ericameria albidus</i>	Asteraceae	White-flowered rabbitbrush	lvs deep green, sticky, infl disk flws, white, late summer	1,2,3,4,7	P	N	Shrub	ss
ERCO23	<i>Ericameria cooperi</i>	Asteraceae	Cooper's goldenbush	lvs green wedge-shaped, infl ray & disk flws, yellow, spring	1,2,3,4,7	P	N	Shrub	xs
ERCU7	<i>Ericameria cuneata</i>	Asteraceae	Cliff goldenbush	rocky places, lvs broad wedge-shaped, green, infl disk flw, yellow fall	1	P	N	Shrub	xs
ERLI6	<i>Ericameria linearifolia</i>	Asteraceae	Showy goldenbush	lvs linear, green, infl ray & disk flws, yellow, spring	2	P	N	Shrub	xs
ERNA10	<i>Ericameria nauseosa</i>	Asteraceae	Common rabbitbrush	yng stems fine fuzzy, lvs linear, decid, infl disk flws, yellow	1,4,6,7,8	P	N	Shrub	ss
* ERNAM?	<i>Ericameria nauseosa</i> ssp. <i>consimilis</i> var. <i>mohavensis</i>	Asteraceae	Mojave rabbitbrush	<i>Ericameria nauseosa</i> var. <i>mohavensis</i>	2,3	P	N	Shrub	xs
* ERNAO?	<i>Ericameria nauseosa</i> ssp. <i>consimilis</i> var. <i>oreophila</i>	Asteraceae	Rubber rabbitbrush	<i>Ericameria nauseosa</i> var. <i>oreophila</i>	4,5,7	P	N	Shrub	ss
* ERNAH?	<i>Ericameria nauseosa</i> ssp. <i>nauseosa</i> var. <i>hololeuca</i>	Asteraceae	White-leaf rabbitbrush	<i>Ericameria nauseosa</i> var. <i>hololeuca</i>	2,4,5,7	P	N	Shrub	xs
* ERNAS2?	<i>Ericameria nauseosa</i> ssp. <i>nauseosa</i> var. <i>speciosa</i>	Asteraceae	White-stemmed rabbitbrush	<i>Ericameria nauseosa</i> var. <i>speciosa</i>	2	P	N	Shrub	xs
ERNAH	<i>Ericameria nauseosa</i> var. <i>hololeuca</i>	Asteraceae	White-leaf rabbitbrush	yng stm & lvs grey-green, rly yellow-green, flw petals straight	2,4,5,7	P	N	Shrub	xs
ERNAM	<i>Ericameria nauseosa</i> var. <i>mohavensis</i>	Asteraceae	Mojave rabbitbrush	yng stems grey-green to green, lvs sparse, flw petals trumpet-like	2,3	P	N	Shrub	xs

## Inyo County Water Department Master Species List

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SPECIES CODE	SPECIES	FAMILY	COMMON NAME	NAME CHANGES* OTHER NOTES	SOURCE CODE	Life Cycle	Provenance	Lifeform	Habit
ERNAO	<i>Ericameria nauseosa</i> var. <i>oreophila</i>	Asteraceae	Rubber rabbitbrush	yng stm & lvs yellow-green, flws petals recurved	4,5,7	P	N	Shrub	ss
ERNAS2	<i>Ericameria nauseosa</i> var. <i>speciosa</i>	Asteraceae	White-stemmed rabbitbrush	yng stems & lvs green, flw petals lightly recurved	2	P	N	Shrub	xs
ERPA29	<i>Ericameria paniculata</i>	Asteraceae	Wash rabbitbrush/Black-stem		7	P	N	Shrub	xs
ERTE18	<i>Ericameria teretifolia</i>	Asteraceae	Needleleaf rabbitbrush	yng stems sticky, lvs linear, green, infl disk flws, yellow, fall	1,2,3,4	P	N	Shrub	xs
ERBR4	<i>Erigeron breweri</i>	Asteraceae	Brewer's fleabane daisy		4,6	P	N	Herb	fb
ERBRB5	<i>Erigeron breweri</i> var. <i>bisanctus</i>	Asteraceae	Twin-saint fleabane daisy		6	P	N	Herb	fb
ERBRC3	<i>Erigeron breweri</i> var. <i>covillei</i>	Asteraceae	Coville's fleabane daisy		2,6	P	N	Herb	fb
ERBRP	<i>Erigeron breweri</i> var. <i>porphyreticus</i>	Asteraceae	Purple fleabane daisy		2	P	N	Herb	fb
ERCA20	<i>Erigeron canadensis</i>	Asteraceae	Canada horseweed		2,3,4,6,7,8	A	N	Herb	wn
ERDI4	<i>Erigeron divergens</i>	Asteraceae	Pastel daisy		2,4,5,7,8	A	N	Herb	fb
* ERFOC	<i>Erigeron foliosus</i> var. <i>covillei</i>	Asteraceae	Coville's fleabane daisy	<i>Erigeron breweri</i> var. <i>covillei</i>	2,6	P	N	Herb	fb
ERLO	<i>Erigeron lonchophyllus</i>	Asteraceae	Shorrtay fleabane daisy		7	AB	N	Herb	fb
ERPU2	<i>Erigeron pumilus</i>	Asteraceae	Shaggy fleabane daisy		7	P	N	Herb	fb
ERIGE2	<i>Erigeron</i> sp.	Asteraceae	Fleabane daisy		1,4,6	AP		Herb	fb
ERAMP	<i>Eriophyllum ambiguum</i> var. <i>paleaceum</i>	Asteraceae	Beautiful woolly daisy	disk & ray flowers; lvs w/ teeth on ends	2	A	N	Herb	fb
ERPR4	<i>Eriophyllum pringlei</i>	Asteraceae	Bud eriophyllum	disk flower only	2,8	A	N	Herb	fb
ERiop2	<i>Eriophyllum</i> sp.	Asteraceae	Woolly daisy		1	AP		Herb	fb
ERWA7	<i>Eriophyllum wallacei</i>	Asteraceae	Wallace's woolly daisy	disk & ray flowers; lvs entire	2,3,4,7	A	N	Herb	fb
EUNE8	<i>Euphrosyne nevadensis</i>	Asteraceae	Nevada poverty weed		2,3	A	N	Herb	fb
EUOC4	<i>Euthamia occidentalis</i>	Asteraceae	Western goldenrod	lvs entire, linear-lanceolate, glabrous, green, resin dotted	2,3,5,6,7,8	P	N	Herb	fb
* FIAR	<i>Filago arizonica</i>	Asteraceae	Arizona cottonrose	<i>Logfia arizonica</i>	2	A	N	Herb	fb
GAPAP4	<i>Galinsoga parviflora</i> var. <i>parviflora</i>	Asteraceae	Littleflower quickweed		2	A	E	Herb	we
GLMA2	<i>Glyptopleura marginata</i>	Asteraceae	Holly dandelion		2,3,4	A	N	Herb	fb
* GNCAT	<i>Gnaphalium canescens</i> ssp. <i>thermale</i>	Asteraceae	Slender cudweed	<i>Pseudognaphalium thermale</i>	2	BP	N	Herb	fb
* GNCH	<i>Gnaphalium chilense</i>	Asteraceae	Cotton-batting cudweed	<i>Pseudognaphalium stramineum</i>	2,3,7	AB	N	Herb	fb
* GNLU	<i>Gnaphalium luteo-album</i>	Asteraceae	Jersey cudweed	<i>Pseudognaphalium luteoalbum</i>	3,4,5,7	A	E	Herb	we
GNPA	<i>Gnaphalium palustre</i>	Asteraceae	Lowland cudweed		2,3,7	A	N	Herb	fb
GNAPH	<i>Gnaphalium</i> sp.	Asteraceae	Cudweed		0,8	ABP		Herb	fb
* GNST	<i>Gnaphalium stramineum</i>	Asteraceae	Cotton-batting cudweed	<i>Pseudognaphalium stramineum</i>	2,6,7	AB	N	Herb	fb
* GNTH	<i>Gnaphalium thermale</i>	Asteraceae	Slender cudweed	<i>Pseudognaphalium thermale</i>	2	BP	N	Herb	fb
GRCA	<i>Grindelia camporum</i>	Asteraceae	Great Valley gumweed		1,2,4,6,7	P	N	Herb	fb
GRIND	<i>Grindelia</i> sp.	Asteraceae	Gumweed		4	BP		Herb	we
GRSQ	<i>Grindelia squarrosa</i>	Asteraceae	Curly-cup gumweed		4,5,8	B	E	Herb	we
GUMI	<i>Gutierrezia microcephala</i>	Asteraceae	Sticky snakeweed		1,2,4,6,7	P	N	Shrub	xs
GUSA2	<i>Gutierrezia sarothrae</i>	Asteraceae	Broom snakeweed		2,4	P	N	Shrub	xs
* HACO4	<i>Haplopappus cooperi</i>	Asteraceae	Cooper goldenbush	<i>Ericameria cooperi</i>	1,2,3,4	P	N	Shrub	xs
* HAL15	<i>Haplopappus linearifolius</i>	Asteraceae	Showy goldenbush	<i>Ericameria linearifolia</i>	2	P	N	Shrub	xs
* HARA	<i>Haplopappus racemosus</i>	Asteraceae	Gold-wand aster	<i>Pyrrocoma racemosa</i>	1,2,3,4	P	N	Herb	fb
HEBI	<i>Helenium bigelovii</i>	Asteraceae	Bigelow's sneezeweed		4	P	N	Herb	fb
HEPU2	<i>Helenium puberulum</i>	Asteraceae	Rosilla		7	A	N	Herb	fb
HEAN3	<i>Helianthus annuus</i>	Asteraceae	Annual sunflower		1,2,4,5,6,7,8	A	N	Herb	wn
* HEAR14	<i>Helianthus aridus</i>	Asteraceae	Annual sunflower	<i>Helianthus annuus</i>	7	A	N	Herb	fb
HENU	<i>Helianthus nuttallii</i>	Asteraceae	Nuttall's sunflower		2,3,4,7	P	N	Herb	fb
HELIA3	<i>Helianthus</i> sp.	Asteraceae	Sunflower		4	AP		Herb	fb
HEMIZ	<i>Hemizonia</i> sp.	Asteraceae	Tarweed		4	AP	N		fb
* HEPS	<i>Heterotheca psammophila</i>	Asteraceae	Camphor weed	<i>Heterotheca subaxillaris</i>	2	A	N	Herb	fb
HESU	<i>Heterotheca subaxillaris</i>	Asteraceae	Camphor weed		2	A	N	Herb	fb
* HYSA	<i>Hymenoclea salsola</i>	Asteraceae	Cheesebush	<i>Ambrosia salsola</i>	1,2,4,7,8	P	N	Shrub	xs
IVAX	<i>Iva axillaris</i>	Asteraceae	Poverty weed		1,2,3,4,6,7,8	P	N	Herb	wn
* IVAXR	<i>Iva axillaris</i> ssp. <i>robustior</i>	Asteraceae	Poverty weed	<i>Iva axillaris</i>	1,2,3,4,6	P	N	Herb	wn
* IVNE	<i>Iva nevadensis</i>	Asteraceae	Nevada poverty weed	<i>Euphrosyne nevadensis</i>	2,3	A	N	Herb	fb
IVA	<i>Iva</i> sp.	Asteraceae	Marsh elder/Poverty weed		1	AP		Herb	wn
LASE	<i>Lactuca serriola</i>	Asteraceae	Prickly lettuce		2,3,4,5,6,7,8	A	E	Herb	we
LACTU	<i>Lactuca</i> sp.	Asteraceae	Lettuce		4	AP		Herb	we
LACO13	<i>Laennecia coulteri</i>	Asteraceae	Coulter's horseweed		2,4,6,7	A	N	Herb	wn
LAGL5	<i>Layia glandulosa</i>	Asteraceae	White tidy-tips		2,3,7	A	N	Herb	fb
LAYIA	<i>Layia</i> sp.	Asteraceae	Tidy-tips		1	A		Herb	fb

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CODE	SPECIES								
LEB14	<i>Leptosyne biglovii</i>	Asteraceae	Bigelow tickseed		2	A	N	Herb	fb
LEGL18	<i>Lessingia glandulifera</i>	Asteraceae	Vinegar weed		2,3,4,7,8	A	N	Herb	fb
* LELE13	<i>Lessingia lemmonii</i>	Asteraceae	Vinegar weed	<i>Lessingia glandulifera</i>	2,3,4,7,8	A	N	Herb	fb
* LELER2	<i>Lessingia lemmonii var. ramulosissima</i>	Asteraceae	Vinegar weed	<i>Lessingia glandulifera</i>	2	A	N	Herb	fb
LODE9	<i>Logfia depressa</i>	Asteraceae	Dwarf cottonrose		4	A	N	Herb	fb
LOAR12	<i>Logfia arizonica</i>	Asteraceae	Arizona cottonrose		2	A	N	Herb	fb
* LYEX3	<i>Lygodesmia exigua</i>	Asteraceae	Bright-white	<i>Prenanthes exigua</i>	2,4,6	A	N	Herb	fb
* LYSP2	<i>Lygodesmia spinosa</i>	Asteraceae	Wool-cache plant	<i>Pleiacanthus spinosus</i>	2	P	N	Shrub	xs
* MACA2	<i>Machaeranthera canescens</i>	Asteraceae	Hoary aster	<i>Dieteria canescens</i>	2,8	AP	N	Herb	fb
* MACA17	<i>Machaeranthera carnososa</i>	Asteraceae	Shrubby alkali aster	<i>Arida carnososa</i>	1,2,3,4,7,8	P	N	Shrub	ss
* MACA13	<i>Machaeranthera carnososa var. intricata</i>	Asteraceae	Shrubby alkali aster	<i>Arida carnososa</i>	0,8	P	N	Shrub	ss
MACHA	<i>Machaeranthera sp.</i>	Asteraceae	Tansyaster		7	AP	N	fb	
* MATO4	<i>Machaeranthera tortifolia</i>	Asteraceae	Mojave aster	<i>Xylorhiza tortifolia</i>	1,2,3,4	P	N	Shrub	xs
MADIA	<i>Madia sp.</i>	Asteraceae	Tarweed		4	A		Herb	fb
MACO3	<i>Malacothrix coulteri</i>	Asteraceae	Snakes-head	lvs grey-green, toothed, phyllaries large scale-like, flws light-yellow	2	A	N	Herb	fb
MAGL3	<i>Malacothrix glabrata</i>	Asteraceae	Desert dandelion	lvs, string-like lobed, green, glabrous, phyllaries thin, flws yellow	1,4,2,6,7	A	N	Herb	fb
MASO	<i>Malacothrix sonchoides</i>	Asteraceae	Yellow saucers	rosette, flat, lvs grey-green, toothed, phyllaries thin, flws yellow	2,3,4,7	A	N	Herb	fb
MALAC3	<i>Malacothrix sp.</i>	Asteraceae	Wild dandelion		4	A	N	Herb	fb
MADI6	<i>Matricaria discoidea</i>	Asteraceae	Pineapple-weed		2,7	A	E	Herb	we
* MAMA11	<i>Matricaria matricarioides</i>	Asteraceae	Pineapple-weed	<i>Matricaria discoidea</i>	2,7	A	E	Herb	we
MAOC	<i>Matricaria occidentalis</i>	Asteraceae	Valley mayweed		2	A	N	Herb	fb
MOBE	<i>Monoptilon bellidifforme</i>	Asteraceae	Daisy desertstar	plants compact, pappus scales	2	A	N	Herb	fb
MOBE2	<i>Monoptilon bellioides</i>	Asteraceae	Mojave desertstar	stems prostrate, pappus bristles	2	A	N	Herb	fb
* PIDE4	<i>Picrothamnus desertorum</i>	Asteraceae	Budsage	<i>Artemisia spinescens</i>	8	P	N	Shrub	xs
PLSP7	<i>Pleiacanthus spinosus</i>	Asteraceae	Wool-cache plant	subshrub w/ tufts if wool, stems spine tipped, lvs entire, infl 3-5 ray flws pink to lavender	2	P	N	Shrub/Herb	xs
PLSE	<i>Pluchea sericea</i>	Asteraceae	Arrow weed		7	P	N	Shrub	ss
PLUCH	<i>Pluchea sp.</i>	Asteraceae	Camphorweed		0	AP	N	ss	
PREX	<i>Prenanthes exigua</i>	Asteraceae	Bright white		2,4	A	N	Herb	fb
PSAN	<i>Psathyrotes annua</i>	Asteraceae	Fan-leaf	lvs tomentose, infl 13-16 flws, pap brownish bristles, alkali areas	1,2,3,4	A	N	Herb	fb
PSRA	<i>Psathyrotes ramosissima</i>	Asteraceae	Velvet turtleback	lvs velvety woolly, infl 21-26 flws, pap numer fine bristles, sandy areas	2,4,7	AP	N	Herb	fb
PSATH	<i>Psathyrotes sp.</i>	Asteraceae	Turtleback/Psathyrotes		4	AP	N	Herb	fb
PSLU6	<i>Pseudognaphalium luteoalbum</i>	Asteraceae	Jersey cudweed	leaf base clasping stem, infl cmpt, disk flws 4-10, red or reddish-yellow	3,4,5,7	A	E	Herb	we
PSST7	<i>Pseudognaphalium stramineum</i>	Asteraceae	Colton-batting cudweed	leaf base clasping stem, infl cmpt, disk flws 8-28, yellow	2,6,7	AB	N	Herb	fb
PSTH3	<i>Pseudognaphalium thermale</i>	Asteraceae	Slender cudweed	leaf base not clasping, lvs glandular, infl much branched, disk flws 4-7, yellow	2	BP	N	Herb	fb
PYRA	<i>Pyrrocoma racemosa</i>	Asteraceae	Gold-wand aster		1,2,3,4,7,8	P	N	Herb	fb
PYRAP	<i>Pyrrocoma racemosa var. paniculata</i>	Asteraceae	Paniculate gold-wand aster	lateral heads with obvious petiole, phyllaries +/- straight	4	P	N	Herb	fb
PYRAS	<i>Pyrrocoma racemosa var. sessiliflora</i>	Asteraceae	Sessile gold-wand aster	all heads with very short or no petiole, phyllaries recurved	5,6,7	P	N	Herb	fb
RANE	<i>Rafinesquia neomexicana</i>	Asteraceae	Desert Chichory		4	A	N	Herb	fb
* SEDOM	<i>Senecio douglasii var. monoensis</i>	Asteraceae	Mono senecio	<i>Senecio flaccidus var. monoensis</i>	2	P	N	Shrub	xs
SEFLM	<i>Senecio flaccidus var. monoensis</i>	Asteraceae	Mono senecio		2	P	N	Shrub	xs
SEIN2	<i>Senecio integerrimus</i>	Asteraceae	Lambstongue ragwort		7	BP	N	Herb	fb
SESE2	<i>Senecio serra</i>	Asteraceae	Tall ragwort		7	P	N	Herb	fb
SENEC	<i>Senecio sp.</i>	Asteraceae	Ragwort		7	ABP		fb	
SESP3	<i>Senecio spartioides</i>	Asteraceae	Broomlike ragwort		7	P	N	Shrub	xs
SETR	<i>Senecio triangularis</i>	Asteraceae	Arrowleaf ragwort		1	P	N	Herb	fb
SEVU	<i>Senecio vulgaris</i>	Asteraceae	Common ragwort		7	A	E	Herb	we
* SOCA5	<i>Solidago californica</i>	Asteraceae	California goldenrod	<i>Solidago velutina</i> ssp. <i>californica</i> ; lvs serrate, oblanceolate to obovate, hairy, blue-green	7	P	N	Herb	fb
* SOCA6	<i>Solidago canadensis</i>	Asteraceae	Canada goldenrod	<i>Solidago elongata</i> ; mid lvs largest, lanceolate, toothed, some stringy hairs	7	P	N	Herb	wn
SOEL4	<i>Solidago elongata</i>	Asteraceae	Canada goldenrod	mid lvs largest, lanceolate, toothed, some stringy hairs	7	P	N	Herb	wn
* SOOC4	<i>Solidago occidentalis</i>	Asteraceae	Western goldenrod	<i>Euthamia occidentalis</i> ; lvs entire, linear-lanceolate, glabrous, green, resin dotted	2	P	N	Herb	fb
SOLID	<i>Solidago sp.</i>	Asteraceae	Goldenrod		1,4,7	P		Herb	fb
SOSP3	<i>Solidago spectabilis</i>	Asteraceae	Showy goldenrod	lvs entire or serrate, oblanceolate, glabrous, no resin dots	2,3,7	P	N	Herb	fb
SOVEC	<i>Solidago velutina</i> ssp. <i>californica</i>	Asteraceae	California goldenrod	lvs serrate, oblanceolate to obovate, hairy, blue-green	7	P	N	Herb	fb
SOAS	<i>Sonchus asper</i>	Asteraceae	Prickly sow thistle		2,3,4,5,7	A	E	Herb	we
STEX	<i>Stephanomeria exigua</i>	Asteraceae	Annual mitra	annual, lvs w/ small teeth infl (3) 5-6 (8) pink-lavendar flws	2,3,7,8	A	N	Herb	fb
STPA3	<i>Stephanomeria parryi</i>	Asteraceae	Parry's rock pink	perennial, lvs pinnate lobed, infl on short peduncle, 8-13 pink flws	2,8	P	N	Herb	fb
STPA4	<i>Stephanomeria pauciflora</i>	Asteraceae	Common wire-lettuce	subshrub, wdy at base, lvs toothed, infl 5 ray flws, pink, white or brownish	1,2,4,7,8	P	N	Shrub/Herb	xs

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SPECIES CODE	SPECIES	FAMILY	COMMON NAME	NAME CHANGES* OTHER NOTES	SOURCE CODE	Life Cycle	Provenance	Lifeform	Habit
STEPH	<i>Stephanomeria</i> sp.	Asteraceae	Wire-lettuce		1,4,7,8	AP		Shrub/Herb	xs
* STSP6	<i>Stephanomeria spinosa</i>	Asteraceae	Wool-cache plant	<i>Pleiacanthus spinosus</i>	2	P	N	Shrub/Herb	xs
STVI2	<i>Stephanomeria virgata</i>	Asteraceae	Rod wire-lettuce	annual, lvs toothed, inf 5-9 white to pink flws, rare in OV	7	A	N	Herb	fb
STMI2	<i>Stylocline micropoides</i>	Asteraceae	Desert neststraw		2	A	N	Herb	fb
SYAS3	<i>Symphotrichum ascendens</i>	Asteraceae	Long-leaved aster	lvs oblan, glab to strigous, w/out lfy shoots in axl; infl brchs >5cm, ray fl 15-40	2,4,7	P	N	Herb	fb
SYFR2	<i>Symphotrichum frondosum</i>	Asteraceae	Leafy aster	Ann; ray fls 90-110, phyls obtuse to round; lvs elliptic to obovate	2,3,7	A	N	Herb	fb
SYLAH6	<i>Symphotrichum lanceolatum</i> var. <i>hesperium</i>	Asteraceae	Siskiyou aster	stms & lvs hairy; lvs lanceolate; infl w/ leafy bracts, ray fl 18-45	1,6,7	P	N	Herb	fb
SYSP	<i>Symphotrichum spathulatum</i>	Asteraceae	Western mountain aster	lvs 7 x longer than wide; entire, glab; ray fl 15-40	4,7	P	N	Herb	fb
SYSU5	<i>Symphotrichum subulatum</i> var. <i>parviflorum</i>	Asteraceae	Annual saltmarsh aster	Ann; ray fls 21-54, phyls acute to acuminate; lvs linear to oblanceolate	4	A	N	Herb	fb
SYFR	<i>Syntrichopappus fremontii</i>	Asteraceae	Fremont's yellowray		2	A	N	Herb	fb
TAOF	<i>Taraxacum officinale</i>	Asteraceae	Common dandelion		1,2,4,6,7,8	P	E	Herb	we
TARAX	<i>Taraxacum</i> sp.	Asteraceae	Dandelion		1	P	E	Herb	we
TEAX	<i>Tetradymia axillaris</i>	Asteraceae	Cotton-thorn	stems whitish green, mostly straight spines; infl in axils	1,2,3,4,7,8	P	N	Shrub	xs
TEAXL	<i>Tetradymia axillaris</i> var. <i>longispina</i>	Asteraceae	Longspined cotton-thorn		4	P	N	Shrub	xs
TECA2	<i>Tetradymia canescens</i>	Asteraceae	Gray horsebrush	stems gray fuzzy, no spines; lvs gray fuzzy; infl terminal	1,2,4	P	N	Shrub	xs
TECO2	<i>Tetradymia comosa</i>	Asteraceae	Hairy horsebrush	stems fuzzy, spines or not; infl terminal; rare in OV	1	P	N	Shrub	xs
TEGL	<i>Tetradymia glabrata</i>	Asteraceae	Little horsebrush	stems striped green & gray, no spines; lvs green; infl terminal	1,2,3,4,7	P	N	Shrub	xs
TETRA3	<i>Tetradymia</i> sp.	Asteraceae	Cotton-thorn/Horsebrush		4	P	N	Shrub	xs
TESP2	<i>Tetradymia spinosa</i>	Asteraceae	Curve-spined cotton-thorn	stems fuzzy, curved spines; infl in axils	4	P	N	Shrub	xs
* TESPL	<i>Tetradymia spinosa</i> var. <i>longispina</i>	Asteraceae	Longspined cotton-thorn	<i>Tetradymia axillaris</i> var. <i>longispina</i>	2	P	N	Shrub	xs
TEST2	<i>Tetradymia stenolepis</i>	Asteraceae	Mojave cotton-thorn	stems fuzzy in lines, straight spines; infl terminal	1,2,4	P	N	Shrub	xs
TRDU	<i>Tragopogon dubius</i>	Asteraceae	Yellow salsify		6,7	AB	E	Herb	we
TRPO	<i>Tragopogon porrifolius</i>	Asteraceae	Purple salsify		4	B	E	Herb	we
TRAGO	<i>Tragopogon</i> sp.	Asteraceae	Salsify		4	AB	E	Herb	we
* TRLO3	<i>Trimorpha lonchophylla</i>	Asteraceae	Shorrtay fleabane daisy	<i>Erigeron lonchophyllus</i>	7	AB	N	Herb	fb
XANTH2	<i>Xanthium</i> sp.	Asteraceae	Cocklebur		1,4,6	A		Herb	wn
XAST	<i>Xanthium strumarium</i>	Asteraceae	Rough cocklebur		1,2,3,4,5,6,7,8	A	N	Herb	wn
* XASTC	<i>Xanthium strumarium</i> var. <i>canadense</i>	Asteraceae	Canada cocklebur	<i>Xanthium strumarium</i>	1,2,3,4,5,6	A	N	Herb	wn
XYTO2	<i>Xylorhiza tortifolia</i>	Asteraceae	Mojave aster		1,3,4	P	N	Shrub	xs
BEOC2	<i>Betula occidentalis</i>	Betulaceae	Water birch		1,2,4,7	P	N	Shrub	rs/tr
CATAL	<i>Catalpa</i> sp.	Bignoniaceae	Catalpa		7	P	E	Shrub	we/tr
* ALPA	<i>Allocarya parishii</i>	Boraginaceae	Parish's popcornflower	<i>Plagiobothrys parishii</i>	5	A	N	Herb	fb
* AMEC	<i>Amsinckia echinata</i>	Boraginaceae	Intermediate Menzies' fiddleneck	<i>Amsinckia intermedia</i>	8	A	N	Herb	fb
AMIN3	<i>Amsinckia intermedia</i>	Boraginaceae	Intermediate Menzies' fiddleneck		8	A	N	Herb	fb
AMME	<i>Amsinckia menziesii</i>	Boraginaceae	Menzies' fiddleneck		8	A	N	Herb	fb
* AMMEI2	<i>Amsinckia menziesii</i> var. <i>intermedia</i>	Boraginaceae	Intermediate Menzies' fiddleneck	<i>Amsinckia intermedia</i>	8	A	N	Herb	fb
AMSIN	<i>Amsinckia</i> sp.	Boraginaceae	Fiddleneck		1	A		Herb	wn
AMTE3	<i>Amsinckia tessellata</i>	Boraginaceae	Bristly fiddleneck		2,3,4,6,7,8	A	N	Herb	wn
* CONU2	<i>Coldenia nuttallii</i>	Boraginaceae	Nuttall's crinklemat	<i>Tiquilia nuttallii</i>	1,2,3,4	A	N	Herb	fb
* COLDE	<i>Coldenia</i> sp.	Boraginaceae	Crinklemat	<i>Tiquilia</i> sp.	4	AP	N	Herb	fb
CRBA5	<i>Cryptantha barbiger</i>	Boraginaceae	Bearded forget-me-not	plt bristly, infl coiled & very bristly, flw white, small; 1 nutlet	2	A	N	Herb	fb
CRCI2	<i>Cryptantha circumscissa</i>	Boraginaceae	Capped cryptantha	plt very compact; flw very small, white; 3-4 nutlets	1,2,3,4,7	A	N	Herb	fb
CRDE	<i>Cryptantha decipiens</i>	Boraginaceae	Gravelbar cryptantha	plt hairy; infl hairs = to flw length; 1-2 nutlets	2	A	N	Herb	fb
CRDU	<i>Cryptantha dumetorum</i>	Boraginaceae	Bushloving cryptantha	plt leggy in flw; infl bracts wd lct, hairs excede flw lth; 4 nlt	2	A	N	Herb	fb
CRMI	<i>Cryptantha micrantha</i>	Boraginaceae	Red-rooted forget-me-not	plt wider than tall not too compact, root bright red; 4 nutlets	2,3,7	A	N	Herb	fb
CRNE2	<i>Cryptantha nevadensis</i>	Boraginaceae	Nevada cryptantha	Infl in ball-like clusters, 4 nutlets	2,3	A	N	Herb	fb
CROX	<i>Cryptantha oxygona</i>	Boraginaceae	Sharpnut cryptantha	hairs short, infl dense, flw w/ yellow centers, 4 nutlets	2	A	N	Herb	fb
CRPT	<i>Cryptantha pterocarya</i>	Boraginaceae	Wing-nut forget-me-not	plt open-like; frt w/ obvious wings; 3-4 nutlets	1,2,3,4,7,8	A	N	Herb	fb
CRRE5	<i>Cryptantha recurvata</i>	Boraginaceae	Curvenut cryptantha	plt hairy; flw small; fruit recurved downward, 1-2 nutlets	2,3	A	N	Herb	fb
CRYP	<i>Cryptantha</i> sp.	Boraginaceae	Cryptantha/Forget-me-not		4,8	N		Herb	fb
CRT04	<i>Cryptantha torreyana</i>	Boraginaceae	Torrey's cryptantha	plt leggy, hairy; infl compact in flw, open in fruit; 4 nutlets	7	A	N	Herb	fb
CRV15	<i>Cryptantha virginensis</i>	Boraginaceae	Virgin river cryptantha	plt leafy; infl brached, flw w/ yellow centers; 1-4 nutlets	7	A	N	Herb	fb
EMPE	<i>Emmenanthe penduliflora</i>	Boraginaceae	Whispering bells		2,7	A	N	Herb	fb
HECU3	<i>Heliotropium curassavicum</i>	Boraginaceae	Salt heliotrope		1,2,3,4,5,6,7,8	P	N	Herb	fb
HELIO3	<i>Heliotropium</i> sp.	Boraginaceae	Heliotrope		4			Herb	fb
HECA7	<i>Hesperochiron californicus</i>	Boraginaceae	California hesperochiron	Lvs hairy; flw funnel to bell shaped	2,4,7	P	N	Herb	fb
HEPU6	<i>Hesperochiron pumilus</i>	Boraginaceae	Dwarf hesperochiron	Lvs glabrous on lower surface; flw rotate	4	P	N	Herb	fb

## Inyo County Water Department Master Species List

March 8, 2022

SPECIES CODE	SPECIES	FAMILY	COMMON NAME	NAME CHANGES* OTHER NOTES	SOURCE CODE	Life Cycle	Provenance	Lifeform	Habit
HESPE4	<i>Hesperochiron sp.</i>	Boraginaceae	Hesperochiron		7	P	N	Herb	fb
MYSC	<i>Myosotis scorpioides</i>	Boraginaceae	Common forget-me-not		4,7	P	E	Herb	we
NAAR	<i>Nama aretioides</i>	Boraginaceae	Sagebrush nama	Plt w/ coarse hairs; flw pink, throat white or yellow w/ dk stripes, showy	2,3	A	N	Herb	fb
NADE	<i>Nama demissum</i>	Boraginaceae	Purple mat	Plt small, mat-like; flw purple to rose, throat white to yellow w/ dkr stripes	2,4,7	A	N	Herb	fb
NADE3	<i>Nama depressum</i>	Boraginaceae	Narrow-leaved nama	Plt small; stm prostrate, forked; flw small white to pink	2,3	A	N	Herb	fb
NARO	<i>Nama rothrockii</i>	Boraginaceae	Rothrock's fiddleleaf	Plt perennial; lft terminal heads	7	P	N	Herb	fb
PEHE	<i>Pectocarya heterocarpa</i>	Boraginaceae	Chuckwalla combseed		7	A	N	Herb	fb
PEPE26	<i>Pectocarya penicillata</i>	Boraginaceae	Sleeping combseed		3,4,8	A	N	Herb	fb
PESE	<i>Pectocarya setosa</i>	Boraginaceae	Moth combseed		2,3	A	N	Herb	fb
PHBI	<i>Phacelia bicolor</i>	Boraginaceae	Sticky yellow-throats	Plt low, sticky; lvs compd to lobed, fine; flw purple, throat yellow	7	A	N	Herb	fb
PHBIB2	<i>Phacelia bicolor</i> var. <i>bicolor</i>	Boraginaceae	Sticky yellow-throats		1,2,4	A	N	Herb	fb
PHCU	<i>Phacelia curvipes</i>	Boraginaceae	Washoe phacelia	Plt low; lvs entire; flw blue to violet, throat white	7	A	N	Herb	fb
PHDI	<i>Phacelia distans</i>	Boraginaceae	Blue phacelia	Plt bushy to clmbg in shbs, glandular; lfts thd, calyx not gland-hry, flw blue, stamens exerted	2,7	A	N	Herb	fb
PHFR2	<i>Phacelia fremontii</i>	Boraginaceae	Fremont's yellow throats	Plt low; lvs lobed to comp; flw blue, throat yellow	2,3,4,7,8	A	N	Herb	fb
PHIN4	<i>Phacelia inyoensis</i>	Boraginaceae	Inyo phacelia	Plt small, mat-like; flw yellow, down in foliage	2,3,4,7	A	N	Herb	fb
PHRA2	<i>Phacelia ramosissima</i>	Boraginaceae	Branching scorpion phacelia	Plt branching; lf comp, lfts toothed or lobed; flw white to lav, stamens exerted	7	P	N	Herb	fb
PHACE	<i>Phacelia sp.</i>	Boraginaceae	Phacelia		1,4	AP		Herb	fb
PHVA2	<i>Phacelia vallis-mortae</i>	Boraginaceae	Death Valley phacelia	Plt bushy to clmbg in shrubs, not gland; lfts thd, calyx not gland-hry, flw blue, stamens exerted	4	A	N	Herb	fb
PLAR	<i>Plagiobothrys arizonicus</i>	Boraginaceae	Arizona popcorn flower	rosette leafy, lvs lance-like, infl few brch, flws white	2	A	N	Herb	fb
PLCU2	<i>Plagiobothrys cusickii</i>	Boraginaceae	Cusick's popcorn flower	plt usul erect, lvs lance-like, infl flws white w/ yellow eye, wet places	2	A	N	Herb	fb
PLJO	<i>Plagiobothrys jonesii</i>	Boraginaceae	Jones' popcorn flower	plt erect w/ stiff hairs, lf lance-like, infl w/ stiff hairs, flws tiny white	2	A	N	Herb	fb
PLKIH	<i>Plagiobothrys kingii</i> var. <i>harknessii</i>	Boraginaceae	Harkness' popcorn flower	plt small, lfs ovate, infl short, flws white w/ yellow eye, sagebrush to P/J wldd	2	A	N	Herb	fb
PLPA	<i>Plagiobothrys parishii</i>	Boraginaceae	Parish's popcornflower	plts low, branching, green, infl clustered, flws white w/ yellow eye, wet places	2,5,7	A	N	Herb	fb
* PLSCC	<i>Plagiobothrys scouleri</i> var. <i>cusickii</i>	Boraginaceae	Cusick's popcorn flower	<i>Plagiobothrys cusickii</i>	2	A	N	Herb	fb
PLAG1	<i>Plagiobothrys sp.</i>	Boraginaceae	Popcornflower		7			Herb	fb
TINU2	<i>Tiquilia nuttallii</i>	Boraginaceae	Nuttall's crinklemat		1,2,3,4,7,8	A	N	Herb	fb
TIQUI	<i>Tiquilia sp.</i>	Boraginaceae	Crinklemat		4,8	A	N	Herb	fb
TRWA2	<i>Tricardialia watsonii</i>	Boraginaceae	Three hearts		2,4	P	N	Herb	fb
* ARPJ2	<i>Arabis pulchra</i>	Brassicaceae	Beautiful rockcress	<i>Boecheira pulchra</i>	7	P	N	Herb	fb
* ARSP	<i>Arabis sparsiflora</i>	Brassicaceae	Sicklepod rockcress	<i>Boecheira sparsiflora</i>	8	P	N	Herb	fb
* ARSPA	<i>Arabis sparsiflora</i> var. <i>arcuata</i>	Brassicaceae	Arching rockcress	<i>Boecheira arcuata</i>	7	P	N	Herb	fb
BAOR	<i>Barbarea orthoceras</i>	Brassicaceae	American yellow rocket		2	BP	N	Herb	fb
BOAR4	<i>Boecheira arcuata</i>	Brassicaceae	Arching rockcress		2	P	N	Herb	fb
BOPU3	<i>Boecheira pulchra</i>	Brassicaceae	Beautiful rockcress		7	P	N	Herb	fb
BOSP7	<i>Boecheira sparsiflora</i>	Brassicaceae	Sicklepod rockcress		8	P	N	Herb	fb
CABU2	<i>Capsella bursa-pastoris</i>	Brassicaceae	Shepherd's purse		6,7	A	E	Herb	we
* CADR	<i>Cardaria draba</i>	Brassicaceae	Heart-podded hoary cress	<i>Lepidium draba</i> ; fruit heart to egg shaped, not hairy	8	P	E	Herb	we
* CAPU6	<i>Cardaria pubescens</i>	Brassicaceae	Hoary cress	<i>Lepidium appelianum</i> ; sepals & fruit hairy	1,2,4,7,8	P	E	Herb	we
CARDA2	<i>Cardaria sp.</i>	Brassicaceae	White top/Hoary cress		4,7	P	E	Herb	we
CACO18	<i>Caulanthus cooperi</i>	Brassicaceae	Cooper's caulanthus		2	A	N	Herb	fb
CALA35	<i>Caulanthus lasiophyllus</i>	Brassicaceae	California mustard		2	A	N	Herb	fb
CAPI4	<i>Caulanthus pilosus</i>	Brassicaceae	Chocolate drops		7	A	N	Herb	fb
CAULA	<i>Caulanthus sp.</i>	Brassicaceae	Jewelflower		1	AP	N	Herb	fb
DECA6	<i>Descurainia californica</i>	Brassicaceae	Sierra tansy mustard	plt w/ basal rosette, fruit fusiform, often lightly curved, in Mts	7	A	N	Herb	fb
DEPA14	<i>Descurainia paradoisa</i>	Brassicaceae	Paradise tansy mustard	plt branched, fruit obovate, uncommon in Mts	3,4,7	A	N	Herb	fb
DEPI	<i>Descurainia pinnata</i>	Brassicaceae	Pinnate tansy mustard	fruit elliptic (football) shaped, widespread	1,2,3,4,6,7,8	A	N	Herb	wn
DEPIG	<i>Descurainia pinnata</i> ssp. <i>glabra</i>	Brassicaceae	Western tansy mustard		2	A	N	Herb	wn
DESO2	<i>Descurainia sophia</i>	Brassicaceae	Flixweed tansy mustard	fruit linf cylindrical, widespread, disturbed areas	2,4,6,7,8	AB	E	Herb	we
DESCU	<i>Descurainia sp.</i>	Brassicaceae	Tansy mustard		4	AB		Herb	we
ERCA14	<i>Erysimum capitatum</i>	Brassicaceae	Western wallflower		7	BP	N	Herb	fb
* GULA4	<i>Guillenia lasiophylla</i>	Brassicaceae	California mustard	<i>Caulanthus lasiophyllus</i>	2	A	N	Herb	fb
HOPR4	<i>Hornungia procumbens</i>	Brassicaceae	Meadow mustard		4,5,7	A	E	Herb	we
* HUPR	<i>Hutchinsia procumbens</i>	Brassicaceae	Meadow mustard	<i>Hornungia procumbens</i>	4,5,7	A	E	Herb	we
LEAP7	<i>Lepidium appelianum</i>	Brassicaceae	Hoary cress	Per, lvs lanceolate, blue-green, fruit spherical, fine fuzzy, purple	1,2,4,7,8	P	E	Herb	we
LEDED	<i>Lepidium densiflorum</i> var. <i>densiflorum</i>	Brassicaceae	Common pepperweed	Ann, lvs linear, green, infl branched w/ dense elongated clusts of flw	4	A	N	Herb	fb
LEDI2	<i>Lepidium dictyotum</i>	Brassicaceae	Alkali pepperweed	Ann, lvs ovate to elliptic, infl erect stalk, short hairy, uncommon in OV	4	A	N	Herb	fb
LEDR	<i>Lepidium draba</i>	Brassicaceae	Heart-podded hoary cress	Per, lvs lanceolate, blue-green, fruit heart-shaped, glabrous, whitish	8	P	E	Herb	we

SPECIES		FAMILY	COMMON NAME	NAME CHANGES* OTHER NOTES	SOURCE CODE	Life Cycle	Provenance	Lifeform	Habit
CODE	SPECIES								
LEFL2	<i>Lepidium flavum</i>	Brassicaceae	Yellow peppergrass	Ann, mat-like, bright green, bright-yellow flws, early spring	1,2,3,4,7,8	A	N	Herb	fb
LEFLF2	<i>Lepidium flavum</i> var. <i>flavum</i>	Brassicaceae	Yellow peppergrass			A	N	Herb	fb
LEFR2	<i>Lepidium fremontii</i>	Brassicaceae	Desert alyssum	Shrub, lvs lance-like, lobed to entire, flws white, late spring	1,2,3,4,7	P	N	Shrub	xs
LELA	<i>Lepidium lasiocarpum</i>	Brassicaceae	Shaggyfruit peppergrass	Ann, lvs pinnate lobed, infl erect short hairy, flws tiny	8	A	N	Herb	fb
LELAL	<i>Lepidium lasiocarpum</i> ssp. <i>lasiocarpum</i>	Brassicaceae	Modest peppergrass		6	A	N	Herb	fb
LELA2	<i>Lepidium latifolium</i>	Brassicaceae	Perennial pepperweed	Per, lvs elliptic, margin dentate, infl erect, many branched, to 3'	1,4,6,7,8	P	E	Herb	we
LEPE2	<i>Lepidium perfoliatum</i>	Brassicaceae	Shield cress	Ann, stems branching, lvs sessile on stems	2,4	A	E	Herb	we
LEPID	<i>Lepidium</i> sp.	Brassicaceae	Peppergrass/Pepperweed		1,4,6,8				fb
LEPIDa	<i>Lepidium</i> sp. Annual	Brassicaceae	Peppergrass annual		4	A		Herb	fb
LEVI3	<i>Lepidium virginicum</i>	Brassicaceae	Virginia pepperweed	Ann, lvs obovate, toothed, infl erect, stalk tomentose, flws tiny	8	A	N		fb
LEVIM2	<i>Lepidium virginicum</i> ssp. <i>menziesii</i>	Brassicaceae	Tall peppergrass	as LEVI3, fruit gabulous or puberulent, pedicel flattened	2,5	A	N	Herb	fb
LEVIV2	<i>Lepidium virginicum</i> ssp. <i>virginicum</i>	Brassicaceae	Virginia pepperweed	as LEVI3, fruit gabulous, pedicel round	4,8	A	E	Herb	we
* LEVIP	<i>Lepidium virginicum</i> var. <i>pubescens</i>	Brassicaceae	Tall peppergrass	<i>Lepidium virginicum</i> ssp. <i>menziesii</i>	2,5	A	N	Herb	fb
* MAAF	<i>Malcolmia africana</i>	Brassicaceae	African mustard	<i>Strigosella africana</i>	7	A	E	Herb	we
NAOF	<i>Nasturtium officinale</i>	Brassicaceae	Water cress		2,4,5,7	P	N	Herb	fb
* NASI	<i>Nasturtium sinuatum</i>	Brassicaceae	Spreading yellow cress	<i>Rorippa sinuata</i>	8	P	N	Herb	fb
* ROISO2	<i>Rorippa islandica</i> var. <i>occidentalis</i>	Brassicaceae	Western bog yellow cress	<i>Rorippa palustris</i> var. <i>palustris</i>	2	ABP	N	Herb	fb
* RONA2	<i>Rorippa nasturtium-aquaticum</i>	Brassicaceae	Water cress	<i>Nasturtium officinale</i>	2,4,5,7	P	N	Herb	fb
* ROPAO	<i>Rorippa palustris</i> var. <i>occidentalis</i>	Brassicaceae	Western bog yellow cress	<i>Rorippa palustris</i> var. <i>palustris</i>	2,3	ABP	N	Herb	fb
ROPAP	<i>Rorippa palustris</i> var. <i>palustris</i>	Brassicaceae	Western bog yellow cress		2,3	ABP	N	Herb	fb
ROSI2	<i>Rorippa sinuata</i>	Brassicaceae	Spreading yellow cress		2,4,8	P	N	Herb	fb
RORIP	<i>Rorippa</i> sp.	Brassicaceae	Cress		4	ABP		Herb	fb
SIAL2	<i>Sisymbrium altissimum</i>	Brassicaceae	Tall tumble mustard	rosette lvs, deeply lobed, cauline lvs finely lobed	2,4,5,6,7,8	A	E	Herb	we
SIIR	<i>Sisymbrium irio</i>	Brassicaceae	London rocket	rosette lvs, deeply lobed, cauline lvs shallowly lobed	7	A	E	Herb	we
SIOF	<i>Sisymbrium officinale</i>	Brassicaceae	Hedge mustard	cauline lvs only, lobed and toothed	2	A	E	Herb	we
STEL	<i>Stanleya elata</i>	Brassicaceae	Desert mountain prince's plume	rosette and cauline lvs, elliptic to ovate, margin entire	7	P	N	Herb	fb
STPI	<i>Stanleya pinnata</i>	Brassicaceae	Desert prince's plume	usually >1 main stem, lower lvs pinnate lobed, upper shallowly lobed	1,2,4,7	P	N	Shrub	xs
STPII2	<i>Stanleya pinnata</i> var. <i>inoensis</i>	Brassicaceae	Inyo prince's plume	usually one main stem to 2" thick	2	P	N	Shrub	xs
STANL	<i>Stanleya</i> sp.	Brassicaceae	Prince's plume		4	P	N	Shrub/Herb	xs
STLO4	<i>Streptanthella longirostris</i>	Brassicaceae	Longbeak streptanthella		2,3,4	A	N	Herb	fb
STREP2	<i>Streptanthus</i> sp.	Brassicaceae	Jewelflower		0		N	Herb	fb
STAF5	<i>Strigosella africana</i>	Brassicaceae	African mustard		7	A	E	Herb	we
THCR	<i>Thelypodium crispum</i>	Brassicaceae	Crisped thelypody	rost lvs obovate, marg undulated or shallow lobed, infl tight spike bottlewasher-like	2,4,7	AB	N	Herb	fb
THIN	<i>Thelypodium integrifolium</i>	Brassicaceae	Tall thelypodium	rost lvs oblong to lanceolate, marg undulated, infl tall > 12dm (4'), branched	7	B	N	Herb	fb
THINA	<i>Thelypodium integrifolium</i> ssp. <i>affine</i>	Brassicaceae	White tall thelypodium	flowers white	2,4,5,7	B	N	Herb	fb
THINC	<i>Thelypodium integrifolium</i> ssp. <i>complanatum</i>	Brassicaceae	Purple tall thelypodium	flowers purple or lavender	8	B	N	Herb	fb
* THLAU	<i>Thelypodium lasiophyllum</i> var. <i>utahense</i>	Brassicaceae	California mustard	<i>Caulanthus lasiophyllum</i>	2	A	N	Herb	fb
THELY	<i>Thelypodium</i> sp.	Brassicaceae	Thelypody		4		N	Herb	fb
THAR5	<i>Thlaspi arvense</i>	Brassicaceae	Field penny-cress		7	A	E	Herb	we
THCU	<i>Thysanocarpus curvipes</i>	Brassicaceae	Sand fringe-pod		2,4	A	N	Herb	fb
THYSA	<i>Thysanocarpus</i> sp.	Brassicaceae	Fringe-pod		4	A		Herb	fb
CYEC3	<i>Cylindropuntia echinocarpa</i>	Cactaceae	Silver cholla /Golden cholla		2,4	P	N	Shrub	xs
OPBA2	<i>Opuntia basilaris</i>	Cactaceae	Beavertail cactus		2,4	P	N	Shrub	xs
* OPEC	<i>Opuntia echinocarpa</i>	Cactaceae	Silver cholla /Golden cholla	<i>Cylindropuntia echinocarpa</i>	2,4	P	N	Shrub	xs
OPPOE	<i>Opuntia polyacantha</i> var. <i>erinacea</i>	Cactaceae	Old man prickly pear		4	P	N	Shrub	xs
OPUNT	<i>Opuntia</i> sp.	Cactaceae	Prickly pear		1,2	P	N	Shrub	xs
* NEGLO	<i>Nemacladus glanduliferus</i> var. <i>orientalis</i>	Campanulaceae	Glandular threadstem	<i>Nemacladus orientalis</i>	2	A	N	Herb	fb
NEOR	<i>Nemacladus orientalis</i>	Campanulaceae	Glandular threadstem		2	A	N	Herb	fb
NERU	<i>Nemacladus rubescens</i>	Campanulaceae	Pretty threadstem		2	A	N	Herb	fb
NESI	<i>Nemacladus sigmoideus</i>	Campanulaceae	Inyo threadstem		2	A	N	Herb	fb
CERE2	<i>Celtis reticulata</i>	Cannabaceae	Western hackberry		2	P	N	Shrub	rs/tr
LOJA	<i>Lonicera japonica</i>	Caprifoliaceae	Japanese honeysuckle		7	P	E	Shrub	we
* SYOR2	<i>Symphoricarpos oreophilus</i>	Caprifoliaceae	Mountain snowberry	<i>Symphoricarpos rotundifolius</i> var. <i>rotundifolius</i> ; Listed in IMF, not in Jep	0	P	N	Shrub	xs
* SYROO	<i>Symphoricarpos rotundifolius</i> var. <i>oreophilus</i>	Caprifoliaceae	Mountain snowberry	<i>Symphoricarpos rotundifolius</i> var. <i>rotundifolius</i> ; S. r. var. <i>oreophilus</i> not in Jep	7	P	N	Shrub	xs
SYROR	<i>Symphoricarpos rotundifolius</i> var. <i>rotundifolius</i>	Caprifoliaceae	Mountain snowberry		0,7	P	N	Shrub	xs
CEFO2	<i>Cerastium fontanum</i>	Caryophyllaceae	Mouse-ear chickweed		7	P	E	Herb	we
* CEFOT	<i>Cerastium fontanum</i> ssp. <i>triviale</i>	Caryophyllaceae	Mouse-ear chickweed	<i>Cerastium fontanum</i> ssp. <i>vulgare</i>	7	P	E	Herb	we



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CEFOV2	<i>Cerastium fontanum ssp. vulgare</i>	Caryophyllaceae	Mouse-ear chickweed		2	P	E	Herb	we
* CEVU	<i>Cerastium vulgatum</i>	Caryophyllaceae	Big chickweed	<i>Cerastium fontanum ssp. vulgare</i>	2	P	E	Herb	we
DIDED	<i>Dianthus deltooides ssp. deltooides</i>	Caryophyllaceae	Maiden pink		7	P	E	Herb	we
LOSQ	<i>Loeflingia squarrosa</i>	Caryophyllaceae	Sage-like loeflingia		4	A	N	Herb	fb
LOSQA	<i>Loeflingia squarrosa var. artemisiarum</i>	Caryophyllaceae	Sage-like loeflingia		4	A	N	Herb	fb
SILEN	<i>Silene sp.</i>	Caryophyllaceae	Catchfly		8	ABP		Herb	fb
SPMA2	<i>Spergularia marina</i>	Caryophyllaceae	Sand spurrey		2	A	N	Herb	fb
STLO2	<i>Stellaria longipes</i>	Caryophyllaceae	Longstalk starwort		7	P	N	Herb	fb
STME2	<i>Stellaria media</i>	Caryophyllaceae	Common chickweed		2	A	E	Herb	we
CEDE4	<i>Ceratophyllum demersum</i>	Ceratophyllaceae	Coon's tail		2.7	P	N	Herb	fb
ALOC2	<i>Allenrolfea occidentalis</i>	Chenopodiaceae	Iodine bush		1,2,3,4,5,6,7,8	P	N	Shrub	ss
AATRIP	<i>Atriplex (annual)</i>	Chenopodiaceae	Annual atriplex		1,4,6	A		Herb	wn
* ATARE	<i>Atriplex argentea ssp. expansa</i>	Chenopodiaceae	Mohave silverscale	<i>Atriplex argentea var. expansa</i>	2	A	N	Herb	fb
ATARE2	<i>Atriplex argentea var. expansa</i>	Chenopodiaceae	Mohave silverscale	Plt roundish, stms erect; lvs gray, acute at base, oft curved inward, low opp	2	A	N	Herb	fb
* ATARM2	<i>Atriplex argentea var. mohavensis</i>	Chenopodiaceae	Mohave silverscale	<i>Atriplex argentea var. expansa</i>	2	A	N	Herb	fb
ATCA2	<i>Atriplex canescens</i>	Chenopodiaceae	Fourwing saltbush	shrub; lvs linear; fruit w/ 4 wings	1,2,3,4,6,7,8	P	N	Shrub	xs
ATCO	<i>Atriplex confertifolia</i>	Chenopodiaceae	Shadscale	shrub; thorns usl tan; lvs ovate; fruit w/ 2 bracts open at end	1,2,3,4,5,6,7,8	P	N	Shrub	xs
ATCO12	<i>Atriplex covillei</i>	Chenopodiaceae	Arrowscale	herb; succulent leaves; lvs sagitate, often in desert sink	2,3,4,5,6,7,8	A	N	Herb	fb
* ATHE	<i>Atriplex heterosperma</i>	Chenopodiaceae	Twoscale	<i>Atriplex micrantha</i>	7	A	E	Herb	we
ATHY	<i>Atriplex hymenelytra</i>	Chenopodiaceae	Desert holly	shrub; lvs serrated (holly-like), very silvery	2	P	N	Shrub	ss
* ATLET2	<i>Atriplex lentiformis ssp. torreyi</i>	Chenopodiaceae	Nevada saltbush/ Torrey's saltbush	<i>Atriplex torreyi</i>	1,2,3,4,5,6,7	P	N	Shrub	ss
ATMI2	<i>Atriplex micrantha</i>	Chenopodiaceae	Twoscale	herb; stems erect, striate green; lvs green, triang, lower opp	7	A	E	Herb	we
ATPA3	<i>Atriplex parryi</i>	Chenopodiaceae	Parry's saltbush	shrub; lvs sessile, ear-shaped, fruit in lf axils	1,2,3,4,7,8	P	N	Shrub	ss
* ATPAH	<i>Atriplex patula ssp. hastata</i>	Chenopodiaceae	Spearscale	<i>Atriplex prostrata</i>	1,2,3,4,5	A	E	Herb	we
* ATPH	<i>Atriplex phyllostegia</i>	Chenopodiaceae	Arrowscale	<i>Atriplex covillei</i> ; succulent leaves, often in desert sink	2,3,4,5,6,7,8	A	N	Herb	fb
ATPO	<i>Atriplex polycarpa</i>	Chenopodiaceae	Allscale saltbush	shrub; lvs oblong to linear, small, light gray; fruit in Fall	1,2,3,4,6,7,8	P	N	Shrub	xs
ATPR	<i>Atriplex prostrata</i>	Chenopodiaceae	Spearscale	herb; lvs dark green, w/ pointed lobes at base; wet places	1,2,3,4,5	A	N	Herb	fb
ATRO	<i>Atriplex rosea</i>	Chenopodiaceae	Tumbling oracle	herb; lvs coarse, toothed & wavy, turning red	5,7	A	E	Herb	we
ATSE2	<i>Atriplex serenana</i>	Chenopodiaceae	Bractscale	stinky Atriplex; plant mat-like; lvs green, smells like rotten fish	2,4,7,8	A	N	Herb	wn
ATRIP	<i>Atriplex sp.</i>	Chenopodiaceae	Saltbush/Scale		0,7				wn
ATTO	<i>Atriplex torreyi</i>	Chenopodiaceae	Torrey's saltbush	shrub, thorns gray; lvs oblong to arrowhead shp, fruit in Fall	1,2,3,4,5,6,8	P	N	Shrub	ss
* ATTR2	<i>Atriplex triangularis</i>	Chenopodiaceae	Spearscale	<i>Atriplex prostrata</i>	1,2,4,5,6	A	E	Herb	we
ATTR	<i>Atriplex truncata</i>	Chenopodiaceae	Wedgescale	herb; blue-gray annual; lvs hastate to truncate, usually in meadows	2,3,4,7,8	A	N	Herb	fb
BAHY	<i>Bassia hyssopifolia</i>	Chenopodiaceae	Smotherweed, Fivehook bassia		1,2,3,4,5,6,7,8	A	E	Herb	we
* CELA4	<i>Ceratoides lanata</i>	Chenopodiaceae	Winterfat	<i>Krascheninnikovia lanata</i>	1,2,3,4	P	N	Shrub	xs
CHAL7	<i>Chenopodium album</i>	Chenopodiaceae	Lamb's quarters	If lanceolate to deltate, dull green above, powdery below, entire to irreg wavy	3,4,6,8	A	E	Herb	we
CHBE4	<i>Chenopodium berlandieri</i>	Chenopodiaceae	Pitseed goosefoot	If lanceolate to deltate, grayish-green, wavy or toothed, stems w/ red striations	2,4,8	A	N	Herb	wn
* CHBO2	<i>Chenopodium botrys</i>	Chenopodiaceae	Jerusalem-oak	<i>Dysphania botrys</i> ; glandular, strong smelling, If ovate to elliptic, lwr wavy to pin lobed upr entire	2	A	E	Herb	we
CHDE	<i>Chenopodium desiccatum</i>	Chenopodiaceae	Aridland goosefoot	open places, lvs oblong to elliptic, powdery below, fleshy	7	A	N	Herb	fb
* CHDEL	<i>Chenopodium desiccatum var. leptophylloides</i>	Chenopodiaceae	Dryland goosefoot	<i>Chenopodium pratericola</i>	2	A	N	Herb	fb
CHFR3	<i>Chenopodium fremontii</i>	Chenopodiaceae	Fremont's goosefoot	If widely ovate to deltate, 1-3 lobed at base, powdery below	7	A	N	Herb	fb
CHGL3	<i>Chenopodium glaucum</i>	Chenopodiaceae	Gray pigweed	If oblong to ovate, dnsly powdery below, entire to toothed	2	A	E	Herb	we
CHHI	<i>Chenopodium hians</i>	Chenopodiaceae	Hians goosefoot	If lanceolate to elliptic, powdery below, glabrous above	8	A	N	Herb	fb
CHIN2	<i>Chenopodium incanum</i>	Chenopodiaceae	Mealy goosefoot	If deltate to diamond, entire to 2-lobed at base, pdry below, glab above	7,8	A	N	Herb	fb
CHINO	<i>Chenopodium incanum var. occidentale</i>	Chenopodiaceae	Mealy goosefoot		7	A	N	Herb	fb
CHLE4	<i>Chenopodium leptophyllum</i>	Chenopodiaceae	Narrowleaf goosefoot	If linear to thin lanceolate, dense powdery below, less above	8	A	N	Herb	fb
CHMU2	<i>Chenopodium murale</i>	Chenopodiaceae	Garden goosefoot	If ovate to deltate, shiny dk green above, sparsely powdery below	5	A	E	Herb	we
CHNE4	<i>Chenopodium nevadense</i>	Chenopodiaceae	Nevada goosefoot	pits much brchd, lf- lower ovate-diamond upper elliptic, usly entire, pdry esp below	2	A	N	Herb	fb
CHPR5	<i>Chenopodium pratericola</i>	Chenopodiaceae	Desert goosefoot	If nar elliptic to lanceolate, lower lvs gen 1-2 lobes/teeth, dnsly pdry below	2,7	A	N	Herb	fb
* CHPU	<i>Chenopodium pumilio</i>	Chenopodiaceae	Australian goosefoot	<i>Dysphania pumilio</i> ; If lanceolate to ovate, pinately toothed to lobed, gray gland below	7	A	E	Herb	we
CHRU	<i>Chenopodium rubrum</i>	Chenopodiaceae	Red goosefoot	If lanceolate to wide ovate, toothed, glabrous above, w/ red flush	2	A	N	Herb	fb
CHSI2	<i>Chenopodium simplex</i>	Chenopodiaceae	Mapleleaf goosefoot	If ovate to deltate, 3-5 wavy lobes, base truncate to cordate	8	A	N	Herb	fb
CHENO	<i>Chenopodium sp.</i>	Chenopodiaceae	Goosefoot		1,4,6,7,8			Herb	wn
DYBO	<i>Dysphania botrys</i>	Chenopodiaceae	Jerusalem-oak	glandular, strong smelling, If ovate to elliptic, lwr wavy to pin lobed upr entire	2	A	E	Herb	we
DYPU	<i>Dysphania pumilio</i>	Chenopodiaceae	Australian goosefoot	If lanceolate to ovate, pinately toothed to lobed, gray gland below	2	A	E	Herb	we
GRSP	<i>Grayia spinosa</i>	Chenopodiaceae	Spiny hopsage		1,2,3,4,6,7,8	P	N	Shrub	xs
HAGL	<i>Halogeton glomeratus</i>	Chenopodiaceae	Halogeton		2,4,8	A	E	Herb	we

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KOAM	<i>Kochia americana</i>	Chenopodiaceae	Green molly		1,2,4,6	P	N	Shrub	ss
KOSC	<i>Kochia scoparia</i>	Chenopodiaceae	Burningbush/Common kochia		4,6	A	E	Herb	we
KOCHI	<i>Kochia</i> sp.	Chenopodiaceae	Molly/Kochia		4				we
KRLA2	<i>Krascheninnikovia lanata</i>	Chenopodiaceae	Winterfat		1,2,3,4,8	P	N	Shrub	xs
MONU	<i>Monolepis nuttalliana</i>	Chenopodiaceae	Nuttall's poverty weed		2,3,4	A	N	Herb	fb
* SAIB	<i>Salsola iberica</i>	Chenopodiaceae	Tumbleweed/Russian-thistle	<i>Salsola tragus</i>	1,3,4,7	A	E	Herb	we
* SAKAT6	<i>Salsola kali</i> var. <i>tenuifolia</i>	Chenopodiaceae	Tumbleweed/Russian-thistle	<i>Salsola tragus</i>	1,4,6	A	E	Herb	we
SAPA8	<i>Salsola paulsenii</i>	Chenopodiaceae	Barbwire Russian thistle	lowest brchng in 4s, lvs 0.5-3cm (.25-1.25"), aging to yellow-green	2,5,6,7	A	E	Herb	we
SATR12	<i>Salsola tragus</i>	Chenopodiaceae	Tumbleweed/Russian-thistle	lowest brchng in 2s, lvs 1.5-5 cm (0.5-2"), deep green	1,3,4,8	A	E	Herb	we
SUCA2	<i>Suaeda calceoliformis</i>	Chenopodiaceae	Low inkweed/Horned sea-blite	upper infl lvs flattened	5	A	N	Herb	fb
* SUMO	<i>Suaeda moquinii</i>	Chenopodiaceae	Bush inkweed	<i>Suaeda nigra</i>	1,2,3,4,5,6,7,8	P	N	Shrub	ss
SUNI	<i>Suaeda nigra</i>	Chenopodiaceae	Bush inkweed	all lvs round in x-section	1,2,3,4,5,6,7,8	P	N	Shrub	ss
SUAED	<i>Suaeda</i> sp.	Chenopodiaceae	Seepwed		1	P	N	Shrub/Herb	ss
* SUTO	<i>Suaeda torreyana</i>	Chenopodiaceae	Bush inkweed	<i>Suaeda nigra</i>	1,2,3,4,5,6	P	N	Shrub	ss
CASP34	<i>Carsonia sparsifolia</i>	Cleomaceae	Few-leaved spiderflower		2,4	A	N	Herb	fb
CLEOM?	Cleom? (not sure)	Cleomaceae			4	A		Herb	wn
* CLLU2	<i>Cleome lutea</i>	Cleomaceae	Yellow bee plant	<i>Peritoma lutea</i>	1,2,4,5,6,7,8	A	N	Herb	wn
* CLPL	<i>Cleome platycarpa</i>	Cleomaceae	Golden bee plant	<i>Peritoma platycarpa</i>	4	A	N	Herb	fb
CLEOM	<i>Cleome</i> sp.	Cleomaceae	Bee plant/Spiderflower		4	A		Herb	wn
* CLSP2	<i>Cleome sparsifolia</i>	Cleomaceae	Few-leaved spiderflower	<i>Carsonia sparsifolia</i>	2,4	A	N	Herb	fb
CLBR2	<i>Cleomella brevipes</i>	Cleomaceae	Little stinkweed	plant small, leaves fleshy, flowers in leaf axils	2,3,4,7	A	N	Herb	fb
CLOB	<i>Cleomella obtusifolia</i>	Cleomaceae	Mojave stinkweed	plant bushy, flowers not above foliage	2,3,4,5,7,8	A	N	Herb	fb
CLPA4	<i>Cleomella parviflora</i>	Cleomaceae	Slender cleomella	stem branched from base, fruit stem less than 1 mm	2,3,4,5,7,8	A	N	Herb	fb
CLPL2	<i>Cleomella plocasperma</i>	Cleomaceae	Twisted cleomella	stem branched above, fruit stem 6-10 mm	1,2,3,4,8	A	N	Herb	fb
CLEOM2	<i>Cleomella</i> sp.	Cleomaceae	Cleomella/Stinkweed		1,4,8	A	N	Herb	fb
PELU5	<i>Peritoma lutea</i>	Cleomaceae	Yellow bee plant		1,2,4,5,6,7,8	A	N	Herb	wn
PEPL10	<i>Peritoma platycarpa</i>	Cleomaceae	Golden bee plant		4	A	N	Herb	fb
CALO12	<i>Calystegia longipes</i>	Convolvulaceae	Bush morning-glory		2,6,7	P	N	Shrub/Herb	xs
CALYS	<i>Calystegia</i> sp.	Convolvulaceae	Wild morning glory		4	P		Shrub/Herb	xs
COAR4	<i>Convolvulus arvensis</i>	Convolvulaceae	Field bindweed		2,4,6,7,8	P	E	Herb	we
CONVO	<i>Convolvulus</i> sp.	Convolvulaceae	Morning glory/Bindweed		4,6		E		we
CRTR5	<i>Cressa truxillensis</i>	Convolvulaceae	Spreading alkali weed		2,4,5,6,7	P	N	Herb	fb
CUCA	<i>Cuscuta californica</i>	Convolvulaceae	California dodder		2,3	A	N	Herb	fb
* CUCAB	<i>Cuscuta californica</i> var. <i>breviflora</i>	Convolvulaceae	Pale dodder	<i>Cuscuta occidentalis</i>	2	A	N	Herb	fb
CUCA2	<i>Cuscuta campestris</i>	Convolvulaceae	Fiveangled dodder		7	A	N	Herb	fb
CUDE2	<i>Cuscuta denticulata</i>	Convolvulaceae	Desert dodder		2	A	N	Herb	fb
CUIN	<i>Cuscuta indecora</i>	Convolvulaceae	Pretty dodder		2,3,7	A	N	Herb	fb
CUOC	<i>Cuscuta occidentalis</i>	Convolvulaceae	Chaparral dodder		7	A	N	Herb	fb
* CUPE3	<i>Cuscuta pentagona</i>	Convolvulaceae	Fiveangled dodder	<i>Cuscuta campestris</i>	7	A	N	Herb	fb
CUSA	<i>Cuscuta salina</i>	Convolvulaceae	Marsh dodder		2	A	N	Herb	fb
CUSCU	<i>Cuscuta</i> sp.	Convolvulaceae	Dodder		1,4,6,7,8	A		Herb	wn
CUSU4	<i>Cuscuta subinclusa</i>	Convolvulaceae	Canyon dodder		7	A	N	Herb	fb
* CUSUB	<i>Cuscuta suksdorfii</i> var. <i>breviflora</i>	Convolvulaceae	Pale dodder	<i>Cuscuta occidentalis</i>	2	A	N	Herb	fb
DAGL2	<i>Datisca glomerata</i>	Datisceae	Durango root		2,4,7	P	N	Herb	wn
ELAN	<i>Elaeagnus angustifolia</i>	Elaeagnaceae	Russian olive		1,2,3,4,5,7,8	P	E	Shrub	we/tr
SHAR	<i>Shepherdia argentea</i>	Elaeagnaceae	Silver buffalo berry		7	P	N	Shrub	xs
CHAL11	<i>Chamaesyce albomarginata</i>	Euphorbiaceae	Rattlesnake weed		2	P	N	Herb	wn
CHMA15	<i>Chamaesyce maculata</i>	Euphorbiaceae	Spotted spurge		2,4	A	E	Herb	we
CHAMA1!	<i>Chamaesyce</i> sp.	Euphorbiaceae	Spurge		4	AP		Herb	we
CHVA4	<i>Chamaesyce vallis-mortae</i>	Euphorbiaceae	Death Valley spurge		2	P	N	Herb	wn
* EUAL4	<i>Euphorbia albomarginata</i>	Euphorbiaceae	Rattlesnake weed	<i>Chamaesyce albomarginata</i>	2	P	N	Herb	wn
EUPHO	<i>Euphorbia</i> sp.	Euphorbiaceae	Spurge		0,4				we
* EUSU	<i>Euphorbia supina</i>	Euphorbiaceae	Spotted spurge	<i>Chamaesyce maculata</i>	2,4	A	E	Herb	we
* EUVA	<i>Euphorbia vallis-mortae</i>	Euphorbiaceae	Death Valley spurge	<i>Chamaesyce vallis-mortae</i>	2	P	N	Herb	wn
ACAM4	<i>Acmispon americanus</i>	Fabaceae	American bird's-foot trefoil		4,7	A	N	Herb	fb
ACST9	<i>Acmispon stringosus</i>	Fabaceae	Stiff-haired trefoil		2	A	N	Herb	fb
ASAC3	<i>Astragalus acutirostris</i>	Fabaceae	Keel beak milkvetch		4	A	N	Herb	fb

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ASAR4	<i>Astragalus argophyllus</i>	Fabaceae	Silverleaf milkvetch		4	P	N	Herb	fb
ASARA	<i>Astragalus argophyllus</i> var. <i>argophyllus</i>	Fabaceae	Silverleaf milkvetch		4.3	P	N	Herb	fb
ASCA14	<i>Astragalus casei</i>	Fabaceae	Case milkvetch		2.4	P	N	Herb	fb
ASGE	<i>Astragalus geyseri</i>	Fabaceae	Geyer's milkvetch		2.4	A	N	Herb	fb
ASIN8	<i>Astragalus inyoensis</i>	Fabaceae	Inyo milkvetch		2	P	N	Herb	fb
ASLE8	<i>Astragalus lentiginosus</i>	Fabaceae	Specklepod milkvetch		1.4	AP	N	Herb	fb
ASLEA	<i>Astragalus lentiginosus</i> var. <i>albifolius</i>	Fabaceae	White-leaved milkvetch	flts 9-21, dnsly strigose, infl 9-35 flws, white w/ sm purple, alk soils	2.7	P	N	Herb	fb
ASLEF2	<i>Astragalus lentiginosus</i> var. <i>fremontii</i>	Fabaceae	Fremont's milkvetch	flts 9-19, sps-dns hairy, infl 10-40 flws, white lilac tinged, sandy to gravelly	2.4	AP	N	Herb	fb
ASLEP	<i>Astragalus lentiginosus</i> var. <i>piscinensis</i>	Fabaceae	Fish Slough milkvetch	flts 3-5, canescent, infl 5-12 flws, lavender, alk soils Fish Slough	4	P	N	Herb	fb
ASLEU?	<i>Astragalus lentiginosus</i> var. <i>undescribed</i>	Fabaceae			5	AP	N	Herb	fb
ASLEV	<i>Astragalus lentiginosus</i> var. <i>variabilis</i>	Fabaceae	Specklepod milkvetch	flts 11-25, infl 10-30 flws, purple to pink, sandy soils	2.4	AP	N	Herb	fb
ASSE3	<i>Astragalus sepulitipes</i>	Fabaceae	Lone Pine milkvetch		2.4	P	N	Herb	fb
ASTRA	<i>Astragalus</i> sp.	Fabaceae	Milkvetch/Locoweed		1.4,8		N	Herb	fb
* DAFR4	<i>Dalea fremontii</i>	Fabaceae	Fremont's indigo bush	<i>Psorothamnus fremontii</i>	2	P	N	Shrub	xs
* DAFRS	<i>Dalea fremontii</i> var. <i>saundersii</i>	Fabaceae	Mojave indigo bush	<i>Psorothamnus arborescens</i> var. <i>arborescens</i>	2	P	N	Shrub	xs
* DAPO4	<i>Dalea polydenia</i>	Fabaceae	Dotted dalea	<i>Psorothamnus polydenius</i>	1.2,4	P	N	Shrub	xs
GLTR	<i>Gleditsia triacanthos</i>	Fabaceae	Honey locust		4	P	E	Shrub	we/tr
GLGL	<i>Glycyrrhiza glabra</i>	Fabaceae	Cultivated licorice	lvs green, flws lavender to purple, frt glabrous or fine straight bristles	4	P	E	Herb	we
GLLE3	<i>Glycyrrhiza lepidota</i>	Fabaceae	American licorice	lvs green to deep green, flws cream to green-white, frt w/ burrs	1.2,4,6,7,8	P	N	Herb	wn
* GLLEG	<i>Glycyrrhiza lepidota</i> var. <i>glutinosa</i>	Fabaceae	American licorice	<i>Glycyrrhiza lepidota</i> var. <i>glutinosa</i> in IMF not in Jep	3.5	P	N	Herb	wn
HOOB2	<i>Hosackia oblongifolia</i>	Fabaceae	Streambank bird's-foot trefoil		7	P	N	Herb	fb
HOOB02	<i>Hosackia oblongifolia</i> var. <i>oblongifolia</i>	Fabaceae	Streambank bird's-foot trefoil		2.5	P	N	Herb	fb
LALA3	<i>Lathyrus lanszwertii</i>	Fabaceae	Nevada pea		7	P	N	Herb	fb
LALAL2	<i>Lathyrus lanszwertii</i> var. <i>lanszwertii</i>	Fabaceae	Lanszwert's pea		7	P	N	Herb	fb
LATHY	<i>Lathyrus</i> sp.	Fabaceae	Wild pea		7			Herb	wn
LOC06	<i>Lotus corniculatus</i>	Fabaceae	Bi+E1214rdsfoot trefoil		1.2,4,5,6,7,8	P	E	Herb	we
* LOOB2	<i>Lotus oblongifolius</i>	Fabaceae	Streambank bird's-foot trefoil	<i>Hosackia oblongifolia</i>	7	P	N	Herb	fb
* LOOB02	<i>Lotus oblongifolius</i> var. <i>oblongifolius</i>	Fabaceae	Streambank bird's-foot trefoil	<i>Hosackia oblongifolia</i> var. <i>oblongifolia</i>	2.5	P	N	Herb	fb
* LOPU3	<i>Lotus purshianus</i>	Fabaceae	American bird's-foot trefoil	<i>Acmispon americanum</i>	4.7	A	N	Herb	fb
LOTUS	<i>Lotus</i> sp.	Fabaceae	Trefoil		1.4,7			Herb	fb
* LOST4	<i>Lotus strigosus</i>	Fabaceae	Stiff-haired trefoil	<i>Acmispon stringosus</i>	2	A	N	Herb	fb
* LOSTH	<i>Lotus strigosus</i> var. <i>hirtellus</i>	Fabaceae	Stiff-haired lotus	<i>Acmispon stringosus</i>	2	A	N	Herb	fb
LUAR6	<i>Lupinus arbustus</i>	Fabaceae	Longspur lupine	bushy per, infl 2 colored, lighter above	7	P	N	Herb	fb
LUARP3	<i>Lupinus argenteus</i> var. <i>palmeri</i>	Fabaceae	Bluebonnet lupine		7	P	N	Herb	fb
LUBR2	<i>Lupinus brevicaulis</i>	Fabaceae	Sand lupine	ann, rosette flattish, leaflets flat, hairy, infl in foliage, OV	4	A	N	Herb	fb
LUEX	<i>Lupinus excubitus</i>	Fabaceae	Inyo bush lupine/Grape soda lupine	large shrub, 1m or more, infl erect, grape soda scented, OV fans	1.2,4,7	P	N	Shrub	xs
LUEXE	<i>Lupinus excubitus</i> var. <i>excubitus</i>	Fabaceae	Inyo bush lupine/Grape soda lupine		7	P	N	Shrub	xs
LUFLL	<i>Lupinus flavoculatus</i>	Fabaceae	Yellow-eyes	ann, rose not flat, flow purple w/ yellow spot on banner, OV	2	A	N	Herb	fb
LUGR2	<i>Lupinus grayii</i>	Fabaceae	Sierra lupine	rosette low, infl erect, flow purple, Mts	7	P	N	Herb	fb
* LULEC4	<i>Lupinus lepidus</i> ssp. <i>confertus</i>	Fabaceae	Crowded lupine	<i>Lupinus lepidus</i> var. <i>confertus</i>	7	P	N	Herb	fb
LULEC6	<i>Lupinus lepidus</i> var. <i>confertus</i>	Fabaceae	Crowded lupine	plant compact to grnd, infl dense, Mts	7	P	N	Herb	fb
LUOD	<i>Lupinus odoratus</i>	Fabaceae	Mojave lupine	ann, rosette flattish, glabrous, inflor erect, flows scented, OV	2.3,4	A	N	Herb	fb
LUPO2	<i>Lupinus polyphyllus</i>	Fabaceae	Bigleaf lupine	bushy pren, showy erect infl, Mts	7	P	N	Herb	fb
LUPOB3	<i>Lupinus polyphyllus</i> var. <i>burkei</i>	Fabaceae	Burke's bigleaf lupine		7	P	N	Herb	fb
LUPR	<i>Lupinus pratensis</i>	Fabaceae	Inyo meadow lupine	pern, tall infl w/ compact flowers, mts	7	P	N	Herb	fb
LUPUI2	<i>Lupinus pusillus</i> var. <i>intermontanus</i>	Fabaceae	Intermountain lupine	sm greyish ann, flow mostly whitish w/ purple keel, OV & Des Mts	2	A	N	Herb	fb
LUSH	<i>Lupinus shockleyi</i>	Fabaceae	Shockley's lupine	ann, flts folded inward, hairy, infl upright above foliage, OV	2	A	N	Herb	fb
LUPIN	<i>Lupinus</i> sp.	Fabaceae	Lupine		1.7,8			N	fb
* MEHI	<i>Medicago hispida</i>	Fabaceae	Common burclover	<i>Medicago polymorpha</i>	1	A	E	Herb	we
MELU	<i>Medicago lupulina</i>	Fabaceae	Black medick	PInt prostrate, infl tight cluster, 10-20 flw, yellow, fruit coiled, black	5.6,7	A	E	Herb	we
MEPO3	<i>Medicago polymorpha</i>	Fabaceae	Common burclover	PInt low, flws yellow, fruit coiled w/ burrs, green	1	A	E	Herb	we
MESA	<i>Medicago sativa</i>	Fabaceae	Alfalfa	PInt upright bushy, flws purple, scented	1.2,4,6,8	AP	E	Herb	we
MEDIC	<i>Medicago</i> sp.	Fabaceae	Burclover/Alfalfa		0			E	Herb
* MEAL12	<i>Melilotus alba</i>	Fabaceae	White sweetclover	<i>Melilotus albus</i> ; flw white; fru w/ network of lines, not bumpy or ridged	1.2,3,4,6,7,8	A	E	Herb	we
MEAL2	<i>Melilotus albus</i>	Fabaceae	White sweetclover	flw white; fru w/ network of lines, not bumpy or ridged	1	A	E	Herb	we
* MEIN14	<i>Melilotus indica</i>	Fabaceae	Annual yellow sweetclover	<i>Melilotus indicus</i> ; flw yellow < 3mm, fru bumpy	7	A	E	Herb	we
MEIN2	<i>Melilotus indicus</i>	Fabaceae	Annual yellow sweetclover	flw yellow < 3mm, fru bumpy	7	A	E	Herb	we

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* MELE6	<i>Melilotus leucanthus</i>	Fabaceae	White sweetclover	<i>Melilotus albus</i>	8	A	E	Herb	we
* MELU6	<i>Melilotus lutea</i>	Fabaceae	Yellow sweetclover	<i>Melilotus officinalis</i>	7	AB	E	Herb	we
MEOF	<i>Melilotus officinalis</i>	Fabaceae	Yellow sweetclover	flw yellow 4-7mm, fru cross-ridged	1,4,6	AB	E	Herb	we
MELIL	<i>Melilotus</i> sp.	Fabaceae	Sweetclover		8	AB	E	Herb	we
PRPU	<i>Prosopis pubescens</i>	Fabaceae	Screw-bean mesquite		2,4,7	P	N	Shrub	xs
PSAR4	<i>Psoralethamnus arborescens</i>	Fabaceae	Mojave indigo bush		8	P	N	Shrub	xs
PSARA	<i>Psoralethamnus arborescens</i> var. <i>arborescens</i>	Fabaceae	Mojave indigo bush		2	P	N	Shrub	xs
PSARM	<i>Psoralethamnus arborescens</i> var. <i>minutifolius</i>	Fabaceae	Northern Mojave indigo bush		1,3,4,8	P	N	Shrub	xs
PSFR	<i>Psoralethamnus fremontii</i>	Fabaceae	Fremont's indigo bush		2	P	N	Shrub	xs
PSPO	<i>Psoralethamnus polydenius</i>	Fabaceae	Dotted dalea		1,3,4,8	P	N	Shrub	xs
PSORO	<i>Psoralethamnus</i> sp.	Fabaceae	Indigo bush		8	P	N	Shrub	xs
RONE	<i>Robinia neomexicana</i>	Fabaceae	Desert locust		7	P	E	Shrub	we/tr
ROPS	<i>Robinia pseudoacacia</i>	Fabaceae	Black locust		1,2,3,4,6,7,8	P	E	Shrub	we/tr
ROBIN	<i>Robinia</i> sp.	Fabaceae	Locust		4	P	E	Shrub	we/tr
TRAN	<i>Trifolium andersonii</i>	Fabaceae	Fiveleaf clover		7	P	N	Herb	fb
TRFR2	<i>Trifolium fragiferum</i>	Fabaceae	Strawberry clover	infl 1cm, pink, involucre tiny, free, calyx inflated	5,6,7	P	E	Herb	we
TRHI4	<i>Trifolium hirtum</i>	Fabaceae	Rose clover	plant erect, hairy, infl 1.5cm pink, w/ 2 sm lvs, fruit hairy	1	A	E	Herb	we
TRMI4	<i>Trifolium microcephalum</i>	Fabaceae	Smallhead clover	plt very small, 1-6 fldd heads usl w/ leaves, fl white or lavender striate	7	A	N	Herb	fb
TRPR2	<i>Trifolium pratense</i>	Fabaceae	Red clover	plant hairy, infl 2-3cm red-purple, 1 pair of sm lvs	1,6,7,8	P	E	Herb	we
TRRE3	<i>Trifolium repens</i>	Fabaceae	White clover	lvs dk green w/ lighter stripe, infl 1-2.5cm white	4,5,6,7	P	E	Herb	we
TRIFO	<i>Trifolium</i> sp.	Fabaceae	Clover		1,4,6,8			Herb	wn
TRVA	<i>Trifolium variegatum</i>	Fabaceae	White-tipped clover	infl 0.5-2.5cm, fls lavender-purple w/ white tip, involucre wheel-like	2,7	A	N	Herb	fb
TRWO	<i>Trifolium wormskioldii</i>	Fabaceae	Cows clover	Infl 2-3cm, pink, involucre toothed, fused	2,3,4,5,6,7	P	N	Herb	fb
VIAM	<i>Vicia americana</i>	Fabaceae	American vetch		7	P	N	Herb	fb
QUGA4	<i>Quercus garryana</i>	Fagaceae	Oregon oak/Oregon white oak		0	P	E	Shrub	we/tr
QUKE	<i>Quercus kelloggii</i>	Fagaceae	California black oak		7	P	N	Shrub	tr/rs
QULO	<i>Quercus lobata</i>	Fagaceae	Valley oak		7	P	E	Shrub	we/tr
QUWI2	<i>Quercus wislizenii</i>	Fagaceae	Interior live oak		7	P	N	Shrub	tr/rs
* FRGRC	<i>Frankenia grandifolia</i> var. <i>campestris</i>	Frankeniaceae	Alkali heath	<i>Frankenia salina</i>	2	P	N	Shrub	ss
FRSA	<i>Frankenia salina</i>	Frankeniaceae	Alkali heath		2,4,7,8	P	N	Shrub	ss
FRANK	<i>Frankenia</i> sp.	Frankeniaceae	Alkali heath		4	N			ss
* CEEX	<i>Centaurium exaltatum</i>	Gentianaceae	Exalted centaurium	<i>Zeltnera exaltata</i>	1,2,3,4,5,6,7,8	A	N	Herb	fb
* CENAN	<i>Centaurium namophilum</i> var. <i>nevadense</i>	Gentianaceae	Exalted centaurium	<i>Zeltnera exaltata</i>	1	A	N	Herb	fb
CENTA2	<i>Centaurium</i> sp.	Gentianaceae	Centaurium		4	A		Herb	fb
ZEEX	<i>Zeltnera exaltata</i>	Gentianaceae	Exalted centaurium		1,2,3,4,5,6,7,8	A	N	Herb	fb
ERIC6	<i>Erodium cicutarium</i>	Geraniaceae	Redstem filaree		1,2,3,4,5,6,7	A	E	Herb	we
ERODI	<i>Erodium</i> sp.	Geraniaceae	Filaree		4			Herb	we
RIAU	<i>Ribes aureum</i>	Grossulariaceae	Golden currant		7	P	N	Shrub	rs
RIAUA	<i>Ribes aureum</i> var. <i>aureum</i>	Grossulariaceae	Golden currant		7	P	N	Shrub	rs
RICE	<i>Ribes cereum</i>	Grossulariaceae	Wax currant		7	P	N	Shrub	xs
RINE	<i>Ribes nevadense</i>	Grossulariaceae	Mountain pink currant		7	P	N	Shrub	xs
RIRO	<i>Ribes roezlii</i>	Grossulariaceae	Sierra gooseberry		7	P	N	Shrub	xs
RIBES	<i>Ribes</i> sp.	Grossulariaceae	Currant/Gooseberry		0	P		Shrub	xs
RIVE	<i>Ribes velutinum</i>	Grossulariaceae	Desert gooseberry		7	P	N	Shrub	xs
* HYFOS	<i>Hypericum formosum</i> var. <i>scouleri</i>	Hypericaceae	Scouler's St. John's wort	<i>Hypericum scouleri</i>	7	P	N	Herb	fb
HYSC5	<i>Hypericum scouleri</i>	Hypericaceae	Scouler's St. John's wort		7	P	N	Herb	fb
HYPER	<i>Hypericum</i> sp.	Hypericaceae	St. John's wort		7				fb
CARYA	<i>Carya</i> sp.	Juglanaceae	Hickory		1	P	E	Shrub	we/tr
* JUCAH	<i>Juglans californica</i> var. <i>hindsii</i>	Juglanaceae	Northern California black walnut	<i>Juglans hindsii</i>	7	P	E	Shrub	we/tr
JUHI	<i>Juglans hindsii</i>	Juglanaceae	Northern California black walnut		7	P	E	Shrub	we/tr
JUNI	<i>Juglans nigra</i>	Juglanaceae	Eastern black walnut		1	P	E	Shrub	we/tr
JURE80	<i>Juglans regia</i>	Juglanaceae	English walnut		4,7	P	E	Shrub	we/tr
JUREC?	<i>Juglans regia</i> x <i>californica</i>	Juglanaceae	Walnut hybrid	no real USDA code for this hybrid	7	P	E	Shrub	we/tr
LYAM	<i>Lycopus americanus</i>	Lamiaceae	American water horehound		7	P	N	Herb	fb
LYAS	<i>Lycopus asper</i>	Lamiaceae	Rough bugleweed		3,5,7	P	N	Herb	fb
LYCOP4	<i>Lycopus</i> sp.	Lamiaceae	Bugleweed		7	P		Herb	fb
MAVU	<i>Marrubium vulgare</i>	Lamiaceae	Horehound		2,4,7	P	E	Herb	we

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MEOF2	<i>Melissa officinalis</i>	Lamiaceae	Lemon balm/Sweet balm		7,8	P	E	Herb	we
MEAR4	<i>Mentha arvensis</i>	Lamiaceae	Wild mint	lvs green, infl whorls subtended by 2 lvs, flws white, pink or blue	1,2,3,4,5,6,7,8	P	N	Herb	fb
MENTH	<i>Mentha</i> sp.	Lamiaceae	Mint		1,4,6	P		Herb	we
MESP3	<i>Mentha spicata</i>	Lamiaceae	Spearmint	lvs green, infl spike-like, branched, flw white, pink or lavender	7,8	P	E	Herb	we
MEPI	<i>Mentha x piperita</i>	Lamiaceae	Peppermint	lvs green to dk green, infl spike-like, flws in whorls w/ leafy bracts, white, pink, lavender	7	P	E	Herb	we
* SAME	<i>Salazaria mexicana</i>	Lamiaceae	Bladder sage	<i>Scutellaria mexicana</i>	2	P	N	Shrub	xs
SACO6	<i>Salvia columbariae</i>	Lamiaceae	Chia		1,2,4,7	A	N	Herb	fb
SADO4	<i>Salvia dorrrii</i>	Lamiaceae	Dorr's sage/Purple sage		1,2	P	N	Shrub	xs
SALV1	<i>Salvia</i> sp.	Lamiaceae	Sage		1,4				fb
SCME6	<i>Scutellaria mexicana</i>	Lamiaceae	Bladder sage		2	P	N	Shrub	xs
STAL	<i>Stachys albens</i>	Lamiaceae	Whitestem hedgenettle		4,7	P	N	Herb	fb
UTMA	<i>Utricularia macrorhiza</i>	Lentibulariaceae	Common bladderwort		7	P	N	Herb	fb
* UTVU	<i>Utricularia vulgaris</i>	Lentibulariaceae	Common bladderwort	<i>Utricularia macrorhiza</i>	7	P	N	Herb	fb
LILE3	<i>Linum lewisii</i>	Linaceae	Blue flax/Prairie flax		7	P	N	Herb	fb
MEAL6	<i>Mentzelia albicaulis</i>	Loasaceae	Little blazing star/White-stem blazing st	Lvs shiny; Inf wiry, flw bracts entire, flw yellow w/ orange throat	2,3,4,7,8	A	N	Herb	wn
MECO2	<i>Mentzelia congesta</i>	Loasaceae	Flower baskets	Lvs hairy; Inf compact, flw bracts toothed, flw yellow w/ orange throat	2	A	N	Herb	fb
MEJO	<i>Mentzelia jonesii</i>	Loasaceae	Jones' blazing star	flw bract triangular-ovate, stamens outer > inner, corolla yellow usl w/ orange center	2,3,8	A	N	Herb	fb
MELA2	<i>Mentzelia laevicaulis</i>	Loasaceae	Tall blazing star	plt robust, Inf tall, flw yellow up to 8cm wide	2	P	N	Herb	fb
MENI2	<i>Mentzelia nitens</i>	Loasaceae	Venus blazing star	flw bract 0 or lanceolate, stamens =, corolla yellow usl w/ orange center	1,2,3,4,8	A	N	Herb	fb
MENTZ	<i>Mentzelia</i> sp.	Loasaceae	Blazing star		4		N	Herb	fb
METO2	<i>Mentzelia torreyi</i>	Loasaceae	Torrey's blazing star	Plt low; lvs spine tipped, mrgn rolled under; Inf bracts linear, flw yellow	3,4,5	P	N	Herb	fb
PENI	<i>Petalonyx nitidus</i>	Loasaceae	Shinyleaf sandpaper plant		7	P	N	Shrub	xs
PETHT	<i>Petalonyx thurberi</i> ssp. <i>thurberi</i>	Loasaceae	Thurber's sandpaper plant		4	P	N	Shrub	xs
LYCA4	<i>Lythrum californicum</i>	Lythraceae	California loosestrife		7	P	N	Herb	fb
EREX3	<i>Eremalche exilis</i>	Malvaceae	White mallow		2,4,7,8	A	N	Herb	fb
ERRO8	<i>Eremalche rotundifolia</i>	Malvaceae	Desert fivespot		8	A	N	Herb	fb
MAFR2	<i>Malacothamnus fremontii</i>	Malvaceae	Fremont's bushmallow		7	P	N	Shrub	xs
MANE	<i>Malva neglecta</i>	Malvaceae	Common mallow		2,6,7	AB	E	Herb	we
MAPA5	<i>Malva parviflora</i>	Malvaceae	Cheeseweed mallow		2,8	A	E	Herb	we
MALVA	<i>Malva</i> sp.	Malvaceae	Mallow		4,6,8		E	Herb	we
MALE3	<i>Malvella leprosa</i>	Malvaceae	Alkali mallow		2,4,5,7,8	P	N	Herb	fb
MALVE	<i>Malvella</i> sp.	Malvaceae	Mallow		4	P		Herb	fb
* SIHE8	<i>Sida hederacea</i>	Malvaceae	Alkali mallow	<i>Malvella leprosa</i>	1,2,6	P	N	Herb	fb
* SILE	<i>Sida leprosa</i>	Malvaceae	Alkali mallow	<i>Malvella leprosa</i>	1,2,4,6	P	N	Herb	fb
SIDA	<i>Sida</i> sp.	Malvaceae	Fanpetals		0			Herb	fb
SICO2	<i>Sidalcea covillei</i>	Malvaceae	Owens Valley checkerbloom	lvs deep green, flws pink, alkali meadows in OV	1,2,4,7,8	P	N	Herb	fb
SIOR	<i>Sidalcea oregana</i>	Malvaceae	Oregon checkerbloom	lvs green, flws pink, wet meadows in Mts	7	P	N	Herb	fb
SIDAL	<i>Sidalcea</i> sp.	Malvaceae	Checker mallow		7,8			Herb	fb
SPAM2	<i>Sphaeralcea ambigua</i>	Malvaceae	Apricot globemallow		1,2,3,4,7,8	P	N	Herb	fb/xs
SPAMA3	<i>Sphaeralcea ambigua</i> var. <i>ambigua</i>	Malvaceae	Apricot globemallow	flowers orange	2,4	P	N	Herb	fb/xs
* SPAMM	<i>Sphaeralcea ambigua</i> var. <i>monticola</i>	Malvaceae	Apricot globemallow	<i>Sphaeralcea ambigua</i> var. <i>ambigua</i>	2	P	N	Herb	fb/xs
SPAMR	<i>Sphaeralcea ambigua</i> var. <i>rosea</i>	Malvaceae	Rose globemallow	flowers pink ro rose	4	P	N	Herb	fb/xs
SPHAE	<i>Sphaeralcea</i> sp.	Malvaceae	Globemallow		8	AP		Herb	fb
CAMO5	<i>Calyptidium monandrum</i>	Montiaceae	Sand-cress		2,3,7	A	N	Herb	fb
CLPA5	<i>Claytonia parviflora</i>	Montiaceae	Streambank springbeauty		7	A	N	Herb	fb
CLPAP	<i>Claytonia parviflora</i> ssp. <i>parviflora</i>	Montiaceae	Utah miner's lettuce		2	A	N	Herb	fb
CLPE	<i>Claytonia perfoliata</i>	Montiaceae	Miner's lettuce		7	A	N	Herb	fb
* CLPEP3	<i>Claytonia perfoliata</i> var. <i>parviflora</i>	Montiaceae	Utah miner's lettuce	<i>Claytonia parviflora</i> ssp. <i>parviflora</i>	2	A	N	Herb	fb
MOCH	<i>Montia chamissoi</i>	Montiaceae	Water minerslettuce		7	P	N	Herb	fb
* MOPEU	<i>Montia perfoliata</i> var. <i>utahensis</i>	Montiaceae	Utah miner's lettuce	<i>Claytonia parviflora</i> ssp. <i>parviflora</i>	2	A	N	Herb	fb
MAPO	<i>Maclura pomifera</i>	Moraceae	Osage Orange		7	P	E	Shrub	we/tr
MOAL	<i>Morus alba</i>	Moraceae	White mulberry		4	P	E	Shrub	we/tr
MORUS	<i>Morus</i> sp.	Moraceae	Mulberry		7	P	E	Shrub	we/tr
ABRON	<i>Abronia</i> sp.	Nyctaginaceae	Sand verbena		1			Herb	fb
ABTU	<i>Abronia turbinata</i>	Nyctaginaceae	Transmontane sand verbena		4	A	N	Herb	fb
MIAL5	<i>Mirabilis alipes</i>	Nyctaginaceae	Rose four o'clock	lvs green glossy, flws pink, bracts flush red	2,3,4	P	N	Herb	fb
* MIBI8	<i>Mirabilis bigelovii</i>	Nyctaginaceae	Wishbone bush	<i>Mirabilis laevis</i> var. <i>villosa</i>	1,2,3,4,7	P	N	Herb	fb

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SPECIES CODE	SPECIES	FAMILY	COMMON NAME	NAME CHANGES* OTHER NOTES	SOURCE CODE	Life Cycle	Provenance	Lifeform	Habit
* MIBIA	<i>Mirabilis bigelovii</i> var. <i>aspera</i>	Nyctaginaceae	Wishbone bush	<i>Mirabilis laevis</i> var. <i>villosa</i>	2	P	N	Herb	fb
* MIBIB	<i>Mirabilis bigelovii</i> var. <i>bigelovii</i>	Nyctaginaceae	Wishbone bush	<i>Mirabilis laevis</i> var. <i>villosa</i>	2	P	N	Herb	fb
* MIFR5	<i>Mirabilis froebelii</i>	Nyctaginaceae	Colorado four o'clock	<i>Mirabilis multiflora</i> var. <i>pubescens</i>	7	P	N	Herb	fb
MILAV	<i>Mirabilis laevis</i> var. <i>villosa</i>	Nyctaginaceae	Wishbone bush	Plnt much branched, lvs green, glandular fuzzy, flw white w/ pink flush	1,2,3,4,7	P	N	Herb	fb
MIMU	<i>Mirabilis multiflora</i>	Nyctaginaceae	Giant four o'clock	Plnt branched, lvs green, glandular hairy or glabrous, flws magenta	4	P	N	Herb	fb
MIMUP	<i>Mirabilis multiflora</i> var. <i>pubescens</i>	Nyctaginaceae	Colorado four o'clock	Fruit smooth w/ 10 raised ribs	0	P	N	Herb	fb
MIRAB	<i>Mirabilis</i> sp.	Nyctaginaceae	Four o'clock		1.8	P			fb
* FONE	<i>Forestiera neomexicana</i>	Oleaceae	Desert olive	<i>Forestiera pubescens</i>	1,2,4,5,6	P	N	Shrub	rs
FOPU2	<i>Forestiera pubescens</i>	Oleaceae	Desert olive		1,2,4,5,6,7	P	N	Shrub	rs
FOPUP	<i>Forestiera pubescens</i> var. <i>pubescens</i>	Oleaceae	Desert olive		8	P	N	Shrub	rs
FORES	<i>Forestiera</i> sp.	Oleaceae	Wild privet		8	P		Shrub	rs
FRAXI	<i>Fraxinus</i> sp.	Oleaceae	Ash		4,7	P		Shrub	tr/rs
MESP2	<i>Menodora spinescens</i>	Oleaceae	Spiny menodora		2,3,4	P	N	Shrub	xs
* CABO7	<i>Camissonia boothii</i>	Onagraceae	Booth's evening primrose	<i>Eremothera boothii</i> ; Flws white fading to pink, in tight bottle-brush like clusters	4,7,8	A	N	Herb	fb
* CABOD	<i>Camissonia boothii</i> ssp. <i>decorticans</i>	Onagraceae	Shredding evening primrose	<i>Eremothera boothii</i> ssp. <i>decorticans</i> ; Leaves serrated	7	A	N	Herb	fb
* CABOD2	<i>Camissonia boothii</i> ssp. <i>desertorum</i>	Onagraceae	Desert evening primrose	<i>Eremothera boothii</i> ssp. <i>desertorum</i> ; Leaves entire	2,3,4,7	A	N	Herb	fb
* CABR23	<i>Camissonia brevipes</i>	Onagraceae	Yellow cups	<i>Chylismia brevipes</i> ; Lvs compound to lobed; Flw large, yellow w/ dark centers	7	A	N	Herb	fb
* CACL4	<i>Camissonia claviformis</i>	Onagraceae	Brown-eyed evening primrose	<i>Chylismia claviformis</i> ; Lvs w/ prominent term lftt, lateral lftts reduced; flws white or yellow w/ dark center	2,7	A	N	Herb	fb
* CACLI	<i>Camissonia claviformis</i> ssp. <i>integrrior</i>	Onagraceae	Pale brown-eyed evening primrose	<i>Chylismia claviformis</i> ssp. <i>integrrior</i> ; term lftt ovate, base subcordate; flw pet white w/ purple dot	4	A	N	Herb	fb
* CACLL	<i>Camissonia claviformis</i> ssp. <i>lancifolia</i>	Onagraceae	Lanceleaf brown-eyed evening primros	<i>Chylismia claviformis</i> ssp. <i>lancifolia</i> ; term lftt lanceolate; flw pet yellow w/ red-dot	1,2,3,4	A	N	Herb	fb
* CAPA36	<i>Camissonia pallida</i>	Onagraceae	Paleyellow suncup	<i>Camissoniopsis pallida</i> ; Lvs usl entire, Flw yellow	7	A	N	Herb	fb
CAPA39	<i>Camissonia parvula</i>	Onagraceae	Wire evening primrose	Lvs linear, usl no teeth; flw small, yellow	2,4	A	N	Herb	fb
CAPU16	<i>Camissonia pusilla</i>	Onagraceae	Little wiry evening primrose	Lvs linear w/ minute serrate; flw small, yellow w/ 2 red dots at base	2,3	A	N	Herb	fb
* CARE2	<i>Camissonia refracta</i>	Onagraceae	Narrow-leaved primrose	<i>Eremothera refracta</i> ; Lvs w/ minute dentate teeth, Flws white fading to red	2	A	N	Herb	fb
CAMIS	<i>Camissonia</i> sp.	Onagraceae	Evening primrose/Sun cup		4,8			Herb	fb
CAPA78	<i>Camissoniopsis pallida</i>	Onagraceae	Pale yellow suncup	Lvs usl entire, Flw yellow	7	A	N	Herb	fb
CHAN80	<i>Chamerion angustifolium</i>	Onagraceae	Fireweed	plt tall, lvs alternate, flowers showy	7	P	N	Herb	fb
CHBR13	<i>Chylismia brevipes</i>	Onagraceae	Yellow cups	Lvs compound to lobed; Flw large, yellow w/ dark centers	7	A	N	Herb	fb
CHCL5	<i>Chylismia claviformis</i>	Onagraceae	Brown-eyed evening primrose	Lvs w/ prominent term lftt, lateral lftts reduced; flws white or yellow w/ dark center	2,7	A	N	Herb	fb
CHCLI	<i>Chylismia claviformis</i> ssp. <i>integrrior</i>	Onagraceae	Pale brown-eyed evening primrose	term lftt ovate, base subcordate; flw pet white w/ purple dot	4	A	N	Herb	fb
CHCLL	<i>Chylismia claviformis</i> ssp. <i>lancifolia</i>	Onagraceae	Lanceleaf brown-eyed evening primros	term lftt lanceolate; flw pet yellow w/ red-dot	1,2,3,4	A	N	Herb	fb
* EPADP	<i>Epilobium adenocaulon</i> var. <i>parishii</i>	Onagraceae	Fringed willow herb	<i>Epilobium ciliatum</i> ssp. <i>ciliatum</i>	2	P	N	Herb	fb
* EPAN2	<i>Epilobium angustifolium</i>	Onagraceae	Fireweed	<i>Chamerion angustifolium</i> ; plt tall, lvs alternate, flowers showy	7	P	N	Herb	fb
EPBR3	<i>Epilobium brachycarpum</i>	Onagraceae	Tall annual willowherb	ann, stems peeling below, upper lvs often clustered	7	A	N	Herb	fb
EPCI	<i>Epilobium ciliatum</i>	Onagraceae	Hairy willow herb	st. erect, w/ hairs, if veins conspicuous, infl w/ hairs	2,3,5,7	P	N	Herb	fb
EPCIC	<i>Epilobium ciliatum</i> ssp. <i>ciliatum</i>	Onagraceae	Fringed willow herb	st. erect, w/ hairs, if veins conspicuous, infl w/ hairs	2,3	P	N	Herb	fb
EPDE4	<i>Epilobium densiflorum</i>	Onagraceae	Denseflower willowherb	lvs opp near base, upr lf hairy, infl leafy & dense	7	A	N	Herb	fb
EPGL	<i>Epilobium glaberrimum</i>	Onagraceae	Glaucous willowherb	st branching above, infl glabrous or w/ few hairs	7	P	N	Herb	fb
EPILO	<i>Epilobium</i> sp.	Onagraceae	Willowherb		4,8			Herb	fb
ERBO8	<i>Eremothera boothii</i>	Onagraceae	Booth's evening primrose	Flws white fading to pink, in tight bottle-brush like clusters	4,7,8	A	N	Herb	fb
ERBOD	<i>Eremothera boothii</i> ssp. <i>decorticans</i>	Onagraceae	Shredding evening primrose	Leaves serrated	7	A	N	Herb	fb
ERBOD2	<i>Eremothera boothii</i> ssp. <i>desertorum</i>	Onagraceae	Desert evening primrose	Leaves entire	2,3,4,7	A	N	Herb	fb
ERRE	<i>Eremothera refracta</i>	Onagraceae	Narrow-leaved evening primrose	Lvs w/ minute dentate teeth, Flws white fading to red	2	A	N	Herb	fb
LUPA	<i>Ludwigia palustris</i>	Onagraceae	Marsh seedbox		7	P	N	Herb	fb
LUPE5	<i>Ludwigia peploides</i>	Onagraceae	Water primrose		2,4,7	P	E	Herb	we
OECA2	<i>Oenothera californica</i>	Onagraceae	California evening primrose		4	P	N	Herb	fb
OECAA2	<i>Oenothera californica</i> ssp. <i>avita</i>	Onagraceae	Gray-leaf California evening primrose	Stms from rhizomes; lvs gray oblong to lanceolate; flw white fdg to pink	4,7	P	N	Herb	fb
OEDE2	<i>Oenothera deltoides</i>	Onagraceae	Devil's lantern, Bird cage evening prim	Lvs gray-green, diamond to oblanceolate, usl some teeth; flw white	7	AP	N	Herb	fb
OEEL	<i>Oenothera elata</i>	Onagraceae	Tall yellow evening primrose	Plt tall; hypanthium 2.5-5cm, flw petals >2cm, yellow	7	BP	N	Herb	fb
OEELH	<i>Oenothera elata</i> ssp. <i>hirsutissima</i>	Onagraceae	Tall yellow evening primrose		2,6,7	BP	N	Herb	fb
OEELH2	<i>Oenothera elata</i> ssp. <i>hookeri</i>	Onagraceae	Hooker's evening-primrose		2,4,6	BP	N	Herb	fb
* OEHOA3	<i>Oenothera hookeri</i> ssp. <i>angustifolia</i>	Onagraceae	Tall yellow evening primrose	<i>Oenothera elata</i> ssp. <i>hirsutissima</i>	2	BP	N	Herb	fb
* OEHOG	<i>Oenothera hookeri</i> ssp. <i>grisea</i>	Onagraceae	Tall yellow evening primrose	<i>Oenothera elata</i> ssp. <i>hirsutissima</i>	2	BP	N	Herb	fb
OEOLO	<i>Oenothera longissima</i>	Onagraceae	Longstem evening primrose	Plt tall; hypanthium 6-13cm, flw petals >2cm, yellow	5	B	N	Herb	fb
OENOT	<i>Oenothera</i> sp.	Onagraceae	Evening primrose		4,8			Herb	fb
OEVIS	<i>Oenothera villosa</i> ssp. <i>strigosa</i>	Onagraceae	Hairy evening primrose	Plt tall; hypanthium 2.5-4cm, flw petals <2cm, yellow	7	B	N	Herb	fb
* CAAN7	<i>Castilleja angustifolia</i>	Orobanchaceae	Desert Indian paintbrush	<i>Castilleja chromosa</i> ; plt w/ bristly hairs; lvs usl lobed; dry places	2,7	P	N	Herb	fb

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SPECIES CODE	SPECIES	FAMILY	COMMON NAME	NAME CHANGES* OTHER NOTES	SOURCE CODE	Life Cycle	Provenance	Lifeform	Habit
CACH7	<i>Castilleja chromosa</i>	Orobanchaceae	Desert Indian paintbrush	plt w/ bristly hairs; lvs usl lobed; dry places	2,3	P	N	Herb	fb
* CAEX6	<i>Castilleja exilis</i>	Orobanchaceae	Lesser Indian paintbrush	<i>Castilleja minor</i> ssp. <i>minor</i>	7	A	N	Herb	fb
CAL4	<i>Castilleja linariifolia</i>	Orobanchaceae	Wyoming/Longleaf Indian paintbrush	Plt usl glabrous; lvs linear somewhat succulent, med green	1,2,4,6,7,8	P	N	Herb	fb
CAMI12	<i>Castilleja miniata</i>	Orobanchaceae	Creekside Indian paintbrush	Plt usl in wet places; lvs lanceolate, thin	7	P	N	Herb	fb
CAMI13	<i>Castilleja minor</i>	Orobanchaceae	Small-flowered Indian paintbrush	Plt usl in wet places, narrow very erect; lvs linear-lanceolate	3,5,7	A	N	Herb	fb
CAMIM6	<i>Castilleja minor</i> ssp. <i>minor</i>	Orobanchaceae	Lesser Indian paintbrush	plt in alkali wet places	4,7	A	N	Herb	fb
CAST12	<i>Castilleja</i> sp.	Orobanchaceae	Indian paintbrush		1,4,8			Herb	fb
CHMA4	<i>Chloropyron maritimum</i>	Orobanchaceae	Saltmarsh bird's-beak		7	A	N	Herb	fb
CHMAC	<i>Chloropyron maritimum</i> ssp. <i>canescens</i>	Orobanchaceae	Alkali bird's-beak	species no longer listed on USDA web site	1,2,3,4,5,6,8	A	N	Herb	fb
* COMA5	<i>Cordylanthus maritimus</i>	Orobanchaceae	Saltmarsh bird's-beak	<i>Chloropyron maritimum</i>	7	A	N	Herb	fb
* COMAC	<i>Cordylanthus maritimus</i> ssp. <i>canescens</i>	Orobanchaceae	Alkali bird's-beak	<i>Chloropyron maritimum</i> ssp. <i>canescens</i>	1,2,3,4,5,6,8	A	N	Herb	fb
CORA5	<i>Cordylanthus ramosus</i>	Orobanchaceae	Bushy bird's-beak		1,2,4,6,7,8	A	N	Herb	fb
CORDY	<i>Cordylanthus</i> sp.	Orobanchaceae	Bird's-beak		4	A		Herb	fb
ORCAF	<i>Orobanche californica</i> ssp. <i>feudgei</i>	Orobanchaceae	California broomrape		2	A	N	Herb	fb
ORCO4	<i>Orobanche cooperi</i>	Orobanchaceae	Desert broomrape/Cooper's broomrape		2	A	N	Herb	fb
ORCO5	<i>Orobanche corymbosa</i>	Orobanchaceae	Sagebrush strangler		2,4	A	N	Herb	fb
ORFA	<i>Orobanche fasciculata</i>	Orobanchaceae	Clustered broomrape		2	A	N	Herb	fb
* ORGRF	<i>Orobanche grayana</i> var. <i>feudgei</i>	Orobanchaceae	California broomrape	<i>Orobanche californica</i> ssp. <i>feudgei</i>	2	A	N	Herb	fb
OROBA	<i>Orobanche</i> sp.	Orobanchaceae	Broomrape		4,7	A	N	Herb	fb
OXCO	<i>Oxalis corniculata</i>	Oxalidaceae	Creeping sour clover		1,4,5,8	AP	E	Herb	we
OXALI	<i>Oxalis</i> sp.	Oxalidaceae	Sorrel, Sour clover		4	AP	E	Herb	we
ARCO6	<i>Argemone corymbosa</i>	Papaveraceae	Mohave prickly poppy	sap orange, lvs less prickly on top	7	P	N	Herb	fb
ARMU	<i>Argemone munita</i>	Papaveraceae	Chicalote/Flatbud prickly poppy	sap yellow, lvs prickly both surfaces	2,7	AP	N	Herb	fb
ARGEM	<i>Argemone</i> sp.	Papaveraceae	Prickly poppy		4		N	Herb	fb
* ESCO	<i>Eschscholzia covillei</i>	Papaveraceae	Little golden poppy	<i>Eschscholzia minutiflora</i>	2	A	N	Herb	fb
ESMI	<i>Eschscholzia minutiflora</i>	Papaveraceae	Little golden poppy		2,3,7	A	N	Herb	fb
MIBIC	<i>Mimulus bigelovii</i> var. <i>cuspidatus</i>	Phrymaceae	Desert monkeyflower		2,3	A	N	Herb	fb
MICA3	<i>Mimulus cardinalis</i>	Phrymaceae	Scarlet monkeyflower		7	P	N	Herb	fb
MIGU	<i>Mimulus guttatus</i>	Phrymaceae	Common monkeyflower		2,3,4,5,7	AP	N	Herb	fb
MIP8	<i>Mimulus pilosus</i>	Phrymaceae	Hairy monkeyflower		2,4,7	A	N	Herb	fb
MIPR	<i>Mimulus primuloides</i>	Phrymaceae	Primrose monkeyflower		7	P	N	Herb	fb
MIMUL	<i>Mimulus</i> sp.	Phrymaceae	Monkeyflower		1,4			Herb	fb
MISU2	<i>Mimulus suksdorfii</i>	Phrymaceae	Suksdorf miniature monkeyflower		4	A	N	Herb	fb
CAHE3	<i>Callitriche heterophylla</i>	Plantaginaceae	Larger water-starwort		2,7	A	N	Herb	fb
COPA3	<i>Collinsia parviflora</i>	Plantaginaceae	Maiden blue eyed Mary		7	A	N	Herb	fb
COLLI	<i>Collinsia</i> sp.	Plantaginaceae	Blue-eyed Mary		0	A		Herb	fb
LIDU	<i>Lindernia dubia</i>	Plantaginaceae	Yellowseed false pimpernel		7	AB	N	Herb	fb
PEFL3	<i>Penstemon floridus</i>	Plantaginaceae	Bubblegum penstemon		7	P	N	Herb	fb
PEFLF	<i>Penstemon floridus</i> var. <i>floridus</i>	Plantaginaceae	Bubblegum penstemon		7	P	N	Herb	fb
PEIN3	<i>Penstemon incertus</i>	Plantaginaceae	Mohave beardtongue		7	P	N	Shrub	xs
PEPA8	<i>Penstemon palmeri</i>	Plantaginaceae	Palmer's penstemon		7	P	N	Herb	fb
PERO10	<i>Penstemon rostriflorus</i>	Plantaginaceae	Bridge's penstemon		7	P	N	Shrub	xs
PERY	<i>Penstemon rydbergii</i>	Plantaginaceae	Rydberg's penstemon		7	P	N	Herb	fb
PENST	<i>Penstemon</i> sp.	Plantaginaceae	Penstemon/Beardtongue		1			Herb	fb
PLLA	<i>Plantago lanceolata</i>	Plantaginaceae	English plantain		1,2,4,5,6,7	P	E	Herb	we
PLMA2	<i>Plantago major</i>	Plantaginaceae	Broadleaf plantain		1,2,3,4,5,6,7,8	P	E	Herb	we
PLANT	<i>Plantago</i> sp.	Plantaginaceae	Plantain		8	AP		Herb	we
VEAM2	<i>Veronica americana</i>	Plantaginaceae	American brooklime	Lvs w/ petioles; Infl axillary	2,7	P	N	Herb	fb
VEAN2	<i>Veronica anagallis-aquatica</i>	Plantaginaceae	Water speedwell	Lvs sessile; Infl axillary	2,4,7	BP	E	Herb	fb
VEPE2	<i>Veronica peregrina</i>	Plantaginaceae	Neckweed	Lvs lower petioled, upper sessile; Infl terminal	7	A	N	Herb	fb
VEPEX2	<i>Veronica peregrina</i> ssp. <i>xalapensis</i>	Plantaginaceae	Purslane-speedwell		2	A	N	Herb	fb
VEPL?	<i>Veronica plantago-aquatica</i>	Plantaginaceae	Speedwell	not in IMF, JEPS or MUNZ; pos. <i>Veronica anagallis-aquatica</i>	5			Herb	fb
* PLAC2	<i>Platanus acerifolia</i>	Platanaceae	London plaine tree	<i>Platanus hybrida</i>	4	P	E	Shrub	we/tr
PLHY3	<i>Platanus hybrida</i>	Platanaceae	London plaine tree		4	P	E	Shrub	we/tr
PLATA	<i>Platanus</i> sp.	Platanaceae	Sycamore		7	P	E	Shrub	we/tr
ALLA13	<i>Aliciella latifolia</i>	Polemoniaceae	Broadleaf gilia	lvs broad ovate, shiny, mgn toothed, flws small, deep pink	4	A	N	Herb	fb
ALLE7	<i>Aliciella leptomeria</i>	Polemoniaceae	Sand gilia	Plt glandular; flw 4-7mm, purple to white, throat yellow	2,3,4	A	N	Herb	fb

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ALM110	<i>Aliciella micromeria</i>	Polemoniaceae	Dainty gilia	Plt slightly puberulent; Inf nodding in bud, flw 3mm, wht-lav, throat yellow	2,3	A	N	Herb	fb
COLI2	<i>Collomia linearis</i>	Polemoniaceae	Tiny trumpet		7	A	N	Herb	fb
ERDE2	<i>Eriastrum densifolium</i>	Polemoniaceae	Giant woolly-star	shrubby-like perennial, corolla blue	4,7	P	N	shrub/Herb	xs
ERDED6	<i>Eriastrum densifolium</i> ssp. <i>densifolium</i>	Polemoniaceae	Giant woolly-star	shrubby-like perennial, corolla blue	8	P	N	shrub/Herb	xs
* ERDEE	<i>Eriastrum densifolium</i> ssp. <i>elongatum</i>	Polemoniaceae	Long-leafed giant woolly-star	<i>Eriastrum densifolium</i> ssp. <i>densifolium</i>	2	P	N	Herb	fb
* ERDEM2	<i>Eriastrum densifolium</i> ssp. <i>mohavense</i>	Polemoniaceae	Mojave giant woolly-star	<i>Eriastrum densifolium</i> ssp. <i>densifolium</i>	7	P	N	Herb	fb
ERER2	<i>Eriastrum eremicum</i>	Polemoniaceae	Desert woolly-star	corolla bilateral, leaf 2-6-lobed at base	2,4,7	A	N	Herb	fb
ERIAS	<i>Eriastrum</i> sp.	Polemoniaceae	Woolly-star		1,4,8		N	Herb	fb
ERSP3	<i>Eriastrum sparsiflorum</i>	Polemoniaceae	Great basin woolly-star	stamens equal, leaf 2-lobed at base	4,7,8	A	N	Herb	fb
ERW1	<i>Eriastrum wilcoxii</i>	Polemoniaceae	Wilcox's woolly star	stamens unequal, leaf 2-4-lobed at base	2,3	A	N	Herb	fb
GIBRN	<i>Gilia brecciarum</i> ssp. <i>neglecta</i>	Polemoniaceae	Kern -Inyo gilia	Plt w/ cbwby hrs; calyx dnsly gland, flw in clstrs, wht & blu, throat purp w/ purp spots	2	A	N	Herb	fb
* GICA2	<i>Gilia campanulata</i>	Polemoniaceae	Bell gilia	<i>Linanthus campanulatus</i> ; Stms & Lvs gland dotted; flw 7-9mm, in pairs, wht, throat yel w/ purp spots	2	A	N	Herb	fb
GICA3	<i>Gilia cana</i>	Polemoniaceae	Showy gilia	Plt w/ cbwby hrs; flw 14-25mm, pink, throat purp, yel & blu	2,4	A	N	Herb	fb
* GIN5	<i>Gilia inyoensis</i>	Polemoniaceae	Inyo gilia	<i>Linanthus inyoensis</i> ; Plt hairy; flw usl 2/pedun, 4-7mm, white, throat yellow	3,4	A	N	Herb	fb
* GILA2	<i>Gilia latifolia</i>	Polemoniaceae	Broadleaf gilia	<i>Aliciella latifolia</i>	4	A	N	Herb	fb
* GILE3	<i>Gilia leptomeria</i>	Polemoniaceae	Sand gilia	<i>Aliciella leptomeria</i> ; Plt glandular; flw 4-7mm, purple to white, throat yellow	2,3,4	A	N	Herb	fb
* GIM14	<i>Gilia micromeria</i>	Polemoniaceae	Dainty gilia	<i>Aliciella micromeria</i> ; Plt slightly puberulent; Inf nodding in bud, flw 3mm, wht-lav, throat yellow	2,3	A	N	Herb	fb
GIOC	<i>Gilia ochroleuca</i>	Polemoniaceae	Volcanic gilia	Plt w/ cbwby hrs; flw 4-6mm, pnk & wht, throat purple, yel & blu	2	A	N	Herb	fb
GISI	<i>Gilia sinuata</i>	Polemoniaceae	Rosy gilia	Plt w/ cbwby hrs; stm glcs; caul lvs clspg; flw 7-12mm, lav, pnk or wht, tube purp w/ white stripes	2,3	A	N	Herb	fb
GILIA	<i>Gilia</i> sp.	Polemoniaceae	Gilia		1,4,7,8		N	Herb	fb
GIST	<i>Gilia stellata</i>	Polemoniaceae	Star gilia	Plt hairy; stm gland; lvs 2 pinn; Infl 4-8 flw, pnk or wht, throat yel w/ purp spots	2,4	A	N	Herb	fb
GITR	<i>Gilia transmontana</i>	Polemoniaceae	Transmontane gilia	Plt w/ cbwby hrs; Inf 2-3 flws, flw 5-8mm, lav, throat yel, wht & blu	2	A	N	Herb	fb
* IPDE	<i>Ipomopsis depressa</i>	Polemoniaceae	Depressed ipomopsis	<i>Loeseliastrum depressum</i>	2	A	N	Herb	fb
* LAMA5	<i>Langloisia matthewsii</i>	Polemoniaceae	Sunbonnets/Desert calico	<i>Loeseliastrum matthewsii</i>	1	A	N	Herb	fb
* LAPU5	<i>Langloisia punctata</i>	Polemoniaceae	Dotted gilia	<i>Langloisia setosissima</i> ssp. <i>punctata</i>	2	A	N	Herb	fb
* LASC	<i>Langloisia schottii</i>	Polemoniaceae	Schott's calico/ Little sunbonnets	<i>Loeseliastrum schottii</i>	2	A	N	Herb	fb
LASEP	<i>Langloisia setosissima</i> ssp. <i>punctata</i>	Polemoniaceae	Dotted gilia		2	A	N	Herb	fb
LEAU16	<i>Leptosiphon aureus</i>	Polemoniaceae	Golden linanthus	Plt thin wiry; flw yellow	7	A	N	Herb	fb
LEAU3	<i>Leptosiphon aureus</i> ssp. <i>aureus</i>	Polemoniaceae	Golden linanthus		4	A	N	Herb	fb
* LIAU	<i>Linanthus aureus</i>	Polemoniaceae	Golden linanthus	<i>Leptosiphon aureus</i> ; Plt thin wiry; flw yellow	7	A	N	Herb	fb
* LIAUA2	<i>Linanthus aureus</i> ssp. <i>aureus</i>	Polemoniaceae	Golden linanthus	<i>Leptosiphon aureus</i> ssp. <i>aureus</i>	4	A	N	Herb	fb
LICA37	<i>Linanthus campanulatus</i>	Polemoniaceae	Bell gilia	Sims & Lvs gland dotted; flw 7-9mm, in pairs, wht, throat yel w/ purp spots	2	A	N	Herb	fb
LIDE2	<i>Linanthus demissus</i>	Polemoniaceae	Desertsnow	Plt low; lvs spine tipped; flw sessile, white, throat yellow w/ purple lines	7	A	N	Herb	fb
LIDI2	<i>Linanthus dichotomus</i>	Polemoniaceae	Evening snow	Lvs thin; flw 10-16mm, white, throat white to cream, evening	2,3	A	N	Herb	fb
LIIN10	<i>Linanthus inyoensis</i>	Polemoniaceae	Inyo gilia	Plt hairy; flw usl 2/pedun, 4-7mm, white, throat yellow	3,4	A	N	Herb	fb
LIPA4	<i>Linanthus parryae</i>	Polemoniaceae	Sand blossoms	Pits small, Infl crowded, flw 8-12mm, wht, blu or purp, throat yel w/ purp spots	2,4	A	N	Herb	fb
LINAN2	<i>Linanthus</i> sp.	Polemoniaceae	Linanthus		4		N	Herb	fb
LODE8	<i>Loeseliastrum depressum</i>	Polemoniaceae	Depressed ipomopsis	lvs narrow-elliptic, hairy, flw 5-8mm, slightly bilateral, white	2	A	N	Herb	fb
LOMA10	<i>Loeseliastrum matthewsii</i>	Polemoniaceae	Sunbonnets/Desert calico	lvs lobed spines, flw 11-21mm, strongly bilateral, white to deep pink	1,2,3,4,7	A	N	Herb	fb
LOSC6	<i>Loeseliastrum schottii</i>	Polemoniaceae	Schott's calico/ Little sunbonnets	If margin hairy & spines, flw 8-15mm, mod bilateral, white to pink	2,3	A	N	Herb	fb
MIGR	<i>Microsteris gracilis</i>	Polemoniaceae	Slender phlox		7	A	N	Herb	fb
NABR	<i>Navarretia breweri</i>	Polemoniaceae	Brewer's navarretia		7	A	N	Herb	fb
* PHGR16	<i>Phlox gracilis</i>	Polemoniaceae	Slender phlox	<i>Microsteris gracilis</i>	7	A	N	Herb	fb
PHST11	<i>Phlox stansburyi</i>	Polemoniaceae	Stansbury's phlox/Cold-desert phlox		7	P	N	Herb	fb
POLEM	<i>Polemonium</i> sp.	Polemoniaceae	Jacob's-ladder		8	AP		Herb	fb
BIB15	<i>Bistorta bistortoides</i>	Polygonaceae	American bistort	Stm erect, unbranched; Lvs 15-40cm; Infl oblong, dense	6	P	N	Herb	fb
CETH3	<i>Centrostegia thurberi</i>	Polygonaceae	Red triangles		3,4,7	A	N	Herb	fb
CHBR	<i>Chorizanthe brevicornu</i>	Polygonaceae	Brittle spineflower	Stm erect, thinly hairy; Infl breaking at nodes, bracts 6, flw white	1,2,3,4,7,8	A	N	Herb	fb
* CHBRS3	<i>Chorizanthe brevicornu</i> ssp. <i>spathulata</i>	Polygonaceae	Brittle spineflower	<i>Chorizanthe brevicornu</i> var. <i>spathulata</i>	2,3	A	N	Herb	fb
CHBRS	<i>Chorizanthe brevicornu</i> var. <i>spathulata</i>	Polygonaceae	Brittle spineflower		2,3	A	N	Herb	fb
CHRI	<i>Chorizanthe rigida</i>	Polygonaceae	Spinyherb	Stm erect, dnsly brchd, spiny, if elliptic; Infl bracts 3, flw yellow	2,3,4,8	A	N	Herb	fb
CHOR12	<i>Chorizanthe</i> sp.	Polygonaceae	Spineflower		8	AP		Herb	fb
CHWA2	<i>Chorizanthe watsonii</i>	Polygonaceae	Watson's spineflower	Plt reddish, canescent; Infl bracts 5, flw yellow	2,3	A	N	Herb	fb
ERAM2	<i>Eriogonum ampullaceum</i>	Polygonaceae	Mono buckwheat	thin stems repetedly forked, flowers cream	1,4	A	N	Herb	wn
ERBA7	<i>Eriogonum baileyi</i>	Polygonaceae	Bailey's buckwheat	thin stems white flowers w/ green midstripe	2,4	A	N	Herb	fb
ERBR7	<i>Eriogonum brachyanthum</i>	Polygonaceae	Short-flowered buckwheat	thin stems yellow flowers	1,2,4	A	N	Herb	fb
ERBR8	<i>Eriogonum brachypodum</i>	Polygonaceae	Glandular skeleton buckwheat	Inflorescence flat topped, glandular, white flow.	2,4	A	N	Herb	fb



SPECIES CODE	SPECIES	FAMILY	COMMON NAME	NAME CHANGES* OTHER NOTES	SOURCE CODE	Life Cycle	Provenance	Lifeform	Habit
ERDA4	<i>Eriogonum davidsonii</i>	Polygonaceae	Davidson's buckwheat	Flws in clusters along stms, invol sessile, flw pink to white	4,8	A	N	Herb	fb
ERDE6	<i>Eriogonum deflexum</i>	Polygonaceae	Skeleton buckwheat	usly flat-topped, invol peduncled, white to pink flws hg down	2,3,4	A	N	Herb	fb
ERDEB	<i>Eriogonum deflexum</i> var. <i>baratum</i>	Polygonaceae	Long-stalked skeleton buckwheat		2	A	N	Herb	fb
ERFA2	<i>Eriogonum fasciculatum</i>	Polygonaceae	California buckwheat	Shrub, inflorescence in balls on long stalks	1,2,4,7	P	N	Shrub	xs
ERFAP	<i>Eriogonum fasciculatum</i> var. <i>polifolium</i>	Polygonaceae	Grey-leaved California buckwheat		2,7	P	N	Shrub	xs
ERIN4	<i>Eriogonum inflatum</i>	Polygonaceae	Desert trumpet	Lvs shiny; Inflated flower stems, flowers yellow	1,2,3,4,8	AP	N	Herb	fb
* ERKEK	<i>Eriogonum kearneyi</i> var. <i>kearneyi</i>	Polygonaceae	Kearney buckwheat	<i>Eriogonum nummular</i>	1,3	P	N	Shrub	xs
ERMA2	<i>Eriogonum maculatum</i>	Polygonaceae	Spotted buckwheat	leaves on flower stalks, flowers white to yellow	2,3,4,6,7,8	A	N	Herb	fb
ERNI4	<i>Eriogonum nidularium</i>	Polygonaceae	Bird's-nest buckwheat	inflorescence curved inward	1,2,3,4,6,7	A	N	Herb	fb
ERNU3	<i>Eriogonum nudum</i>	Polygonaceae	Nude buckwheat	Inf tall, clean stems w/out bracts	7	P	N	Herb	fb
ERNUP4	<i>Eriogonum nudum</i> var. <i>pubiflorum</i>	Polygonaceae	Downy-flowered nude buckwheat		2	P	N	Herb	fb
ERNU4	<i>Eriogonum nummular</i>	Polygonaceae	Kearney buckwheat	Shrub, inflorescence in elongated curved clusters	1,3,6	P	N	Shrub	xs
ERPU6	<i>Eriogonum pusillum</i>	Polygonaceae	Yellow turbans	flower bracts minutely glandular, flowers yellow to red	2,3,4,8	A	N	Herb	fb
ERRE3	<i>Eriogonum reniforme</i>	Polygonaceae	Kidney-leaved buckwheat	flower bracts glabrous, flowers yellow to red	2,4	A	N	Herb	fb
ERIOG	<i>Eriogonum</i> sp.	Polygonaceae	Buckwheat		1,4,7,8		N		fb
ERIOGa	<i>Eriogonum</i> sp. Annual	Polygonaceae	Annual buckwheat		4	A	N	Herb	fb
ERSP6	<i>Eriogonum spergulinum</i>	Polygonaceae	Spurry buckwheat	Inf wiry, flw white w/ dark stripe, 4 teeth at ends of tepals	1	A	N	Herb	fb
ERUM	<i>Eriogonum umbellatum</i>	Polygonaceae	Sulfur flower	shrub; Infl umbel, flowers usually yellow	1	P	N	Shrub	xs
GOLU	<i>Goodmania luteola</i>	Polygonaceae	Yellow spinecape		3,4,7	A	N	Herb	fb
OXPE2	<i>Oxytheca perfoliata</i>	Polygonaceae	Saucer plant		1,2,3,4	A	N	Herb	fb
PEAM8	<i>Persicaria amphibia</i>	Polygonaceae	Longroot smartweed	emergent or floating, stms decumbent; flf erect, deep pink	7	P	N	Herb	fb
* PEAMA?	<i>Persicaria amphibia</i> var. <i>amphibia</i>	Polygonaceae	Longroot smartweed	<i>Persicaria amphibia</i>	5	P	N	Herb	fb
PEHY6	<i>Persicaria hydropiper</i>	Polygonaceae	Marshpepper	Plt bushy; Stm ascending to erect; Infl drooping, pink	2,7	P	E	Herb	we
PELA22	<i>Persicaria lapathifolia</i>	Polygonaceae	Curlytop knotweed	Stm asnd to erect; lvs w/ v-shape spot, stp w/ veins; Infl wht to pink, drooping	2,6,7	A	N	Herb	fb
* PEMA17	<i>Persicaria maculata</i>	Polygonaceae	Spotted lady's thumb	<i>Persicaria maculosa</i>	2,3,4,6,7	A	E	Herb	we
PEMA24	<i>Persicaria maculosa</i>	Polygonaceae	Peach-leafed lady's thumb	Stm erect; lvs gen w/ oval spot, stp stringy; Inf pink & white	2,3,4,6,7	A	E	Herb	we
* POAM8	<i>Polygonum amphibium</i>	Polygonaceae	Water knotweed	<i>Persicaria amphibia</i> ; emergent or floating, stms decumbent; flf erect, deep pink	7	P	N	Herb	fb
* POAME	<i>Polygonum amphibium</i> var. <i>emersum</i>	Polygonaceae	Longroot smartweed	<i>Persicaria amphibia</i>	0	P	N	Herb	fb
* POAMS	<i>Polygonum amphibium</i> var. <i>stipulaceum</i>	Polygonaceae	Floating water smartweed	<i>Persicaria amphibia</i>	2	P	N	Herb	fb
* POAR11	<i>Polygonum arenastrum</i>	Polygonaceae	Common knotweed	<i>Polygonum aviculare</i> ssp. <i>depressum</i> ; stms prostrate, round; lvs < 2cm; infl in axils along stems	2,4,5,6,7	A	E	Herb	we
POAVD	<i>Polygonum aviculare</i> ssp. <i>depressum</i>	Polygonaceae	Common knotweed	stms prostrate, round; lvs < 2cm; infl in axils along stems	2,4,5,6,7	A	E	Herb	we
* POBI6	<i>Polygonum bistortoides</i>	Polygonaceae	American bistort	<i>Bistorta bistortoides</i> ; Stm erect, unbranched; Lvs 15-40cm; Infl oblong, dense	6,5	P	N	Herb	fb
PODO4	<i>Polygonum douglasii</i>	Polygonaceae	Douglas' knotweed	stms erect, angl'd blw nodes; lvs sessile <8cm; flw pink to wht, midrib drkr	6	A	N	Herb	fb
* POHY	<i>Polygonum hydropiper</i>	Polygonaceae	Marshpepper	<i>Persicaria hydropiper</i> ; Plt bushy; Stm ascending to erect; Infl drooping, pink	2,7	P	E	Herb	we
* POLA4	<i>Polygonum lapathifolium</i>	Polygonaceae	Willow weed	<i>Persicaria lapathifolia</i> ; Stm asnd to erect; lvs w/ v-shape spot, stp w/ veins; Infl wht to pink, drooping	2,6,7	A	N	Herb	fb
* POPE3	<i>Polygonum persicaria</i>	Polygonaceae	Peach-leafed lady's thumb	<i>Persicaria maculosa</i> ; Stm erect; lvs gen w/ oval spot, stp stringy; Inf pink & white	2,3,4,6,7	A	E	Herb	we
POSA23	<i>Polygonum salicifolium</i>	Polygonaceae	Willow-leafed knotweed		7	P	E	Herb	we
POLYG4	<i>Polygonum</i> sp.	Polygonaceae	Smartweed/Knotweed		1,4,6,7,8			Herb	wn
PTDR	<i>Pterostegia drymarioides</i>	Polygonaceae	Valentine plant		2	A	N	Herb	fb
RUCA	<i>Rumex californicus</i>	Polygonaceae	Toothed willow dock	lvs +/- lanceolate, inner tepals w/ small teeth	4	P	N	Herb	fb
RUCO2	<i>Rumex conglomeratus</i>	Polygonaceae	Clustered dock	lvs broad lanceolate, base cordate, tepals narrow	2,7	P	E	Herb	we
RUCR	<i>Rumex crispus</i>	Polygonaceae	Curly dock	lvs, lanceolate, base truncate or cordate, mrg undulated, tepals ovate	1,2,3,4,5,6,7,8	P	E	Herb	we
RUFU3	<i>Rumex fueginus</i>	Polygonaceae	Golden dock	lvs, lanceolate, base truncate or cordate, mrg entire, tepals w/ string-like lobes	2,3	AB	N	Herb	fb
* RUMA4	<i>Rumex maritimus</i>	Polygonaceae	Golden dock	<i>Rumex fueginus</i>	2,3	AB	N	Herb	fb
RUSA	<i>Rumex salicifolius</i>	Polygonaceae	Willow dock	lvs +/- lanceolate, inner tepals entire or notched	4,7	P	N	Herb	fb
* RUSAD	<i>Rumex salicifolius</i> var. <i>denticulatus</i>	Polygonaceae	Toothed willow dock	<i>Rumex californicus</i>	2,4,7	P	N	Herb	fb
RUMEX	<i>Rumex</i> sp.	Polygonaceae	Dock/Sorrel		4,8			Herb	we
RUVI	<i>Rumex violascens</i>	Polygonaceae	Violet dock	lvs oblanceolate, base rnd or tapered, tepals ovate	6	AB	N	Herb	fb
POOL	<i>Portulaca oleracea</i>	Portulacaceae	Common purslane		2,4,7	A	E	Herb	we
ACCO4	<i>Aconitum columbianum</i>	Ranunculaceae	Columbian monkshood		7	P	N	Herb	fb
ACONI	<i>Aconitum</i> sp.	Ranunculaceae	Monkshood		7	P	N	Herb	fb
AQFO	<i>Aquilegia formosa</i>	Ranunculaceae	Western Columbine		4,7	P	N	Herb	fb
AQRA?	<i>Aquilegia ramosa</i>	Ranunculaceae		<i>Pob. Aquilegia formosa</i>	7				fb
CLLI2	<i>Clematis ligusticifolia</i>	Ranunculaceae	Virgin's bower		1,2,4,7	P	N	Shrub	rs
DELPH	<i>Delphinium</i> sp.	Ranunculaceae	Larkspur		1			Herb	fb
RAAQ	<i>Ranunculus aquatilis</i>	Ranunculaceae	White water buttercup		4,7	P	N	Herb	fb
* RAAQC2	<i>Ranunculus aquatilis</i> var. <i>capillaceus</i>	Ranunculaceae	Thread-leaf water buttercup	<i>Ranunculus aquatilis</i> var. <i>diffusus</i>	2,3,4,5	P	N	Herb	fb

## Inyo County Water Department Master Species List

March 8, 2022

SPECIES CODE	SPECIES	FAMILY	COMMON NAME	NAME CHANGES* OTHER NOTES	SOURCE CODE	Life Cycle	Provenance	Lifeform	Habit
RAAQD	<i>Ranunculus aquatilis</i> var. <i>diffusus</i>	Ranunculaceae	Thread-leaf water buttercup		2,3,4,5	P	N	Herb	fb
RACY	<i>Ranunculus cymbalaria</i>	Ranunculaceae	Alkali buttercup		2,3,4,5,7	P	N	Herb	fb
* RACYS	<i>Ranunculus cymbalaria</i> var. <i>saximontanus</i>	Ranunculaceae	Alkali buttercup	<i>Ranunculus cymbalaria</i>	2,3,4,5,7	P	N	Herb	fb
RAHY	<i>Ranunculus hydrocharoides</i>	Ranunculaceae	Frog's-bit buttercup		2,4,7	P	N	Herb	fb
* CEGR	<i>Ceanothus greggii</i>	Rhamnaceae	Desert ceanothus	<i>Ceanothus vestitus</i> , <i>C. greggii</i> restricted to Mexico, TJM 2012	1,2,7	P	N	Shrub	xs
* CEGRV	<i>Ceanothus greggii</i> var. <i>vestitus</i>	Rhamnaceae	Mojave ceanothus	<i>Ceanothus vestitus</i> , <i>C. greggii</i> restricted to Mexico, TJM 2012	1,2,7	P	N	Shrub	xs
CELE2	<i>Ceanothus leucodermis</i>	Rhamnaceae	Chaparral whitethorn		1,2	P	N	Shrub	xs
CEANO	<i>Ceanothus</i> sp.	Rhamnaceae	Wild lilac/Ceanothus		1	P	N	Shrub	xs
CEVE9	<i>Ceanothus vestitus</i>	Rhamnaceae	Mojave ceanothus		1,2,7	P	N	Shrub	xs
FRCA12	<i>Frangula californica</i>	Rhamnaceae	California coffeeberry		1	P	N	Shrub	xs
FRCAC5	<i>Frangula californica</i> ssp. <i>californica</i>	Rhamnaceae	California coffeeberry	Records in Oak, Symes & Lone Pine Creeks	4	P	N	Shrub	xs
FRCAC6	<i>Frangula californica</i> ssp. <i>crassifolia</i>	Rhamnaceae	California coffeeberry	Records in Independence & George Creeks	4	P	N	Shrub	xs
FRCAC7	<i>Frangula californica</i> ssp. <i>cuspidata</i>	Rhamnaceae	Pointed-leaf coffeeberry	Many records from Kern to Mono County lines	4	P	N	Shrub	xs
FRCAT2	<i>Frangula californica</i> ssp. <i>tomentella</i>	Rhamnaceae	Hoary coffeeberry	Many records from Kern to Mono County lines	4,7	P	N	Shrub	xs
FRCAU	<i>Frangula californica</i> ssp. <i>ursina</i>	Rhamnaceae	Desert hoary coffeeberry	Records in Division & George Creeks	7	P	N	Shrub	xs
* RHCA	<i>Rhamnus californica</i>	Rhamnaceae	California coffeeberry	<i>Frangula californica</i>	1	P	N	Shrub	xs
RHAMN	<i>Rhamnus</i> sp.	Rhamnaceae	Buckthorn/ Coffeeberry		0	P		Shrub	xs
* RHTO6	<i>Rhamnus tomentella</i>	Rhamnaceae	Hoary coffeeberry	<i>Frangula californica</i> ssp. <i>tomentella</i>	4,7	P	N	Shrub	xs
* RHTOU	<i>Rhamnus tomentella</i> ssp. <i>ursina</i>	Rhamnaceae	Desert hoary coffeeberry	<i>Frangula californica</i> ssp. <i>ursina</i>	7	P	N	Shrub	xs
CELE3	<i>Cercocarpus ledifolius</i>	Rosaceae	Curly-leaf mountain-mahogany		7	P	N	Shrub	xs/tr
CORA	<i>Coleogyne ramosissima</i>	Rosaceae	Blackbrush		1,2,4,8	P	N	Shrub	xs
DAFR6	<i>Dasiphora fruticosa</i>	Rosaceae	Shrubby cinquefoil		1	P	N	Shrub	rs
HODIM	<i>Holodiscus discolor</i> var. <i>microphyllus</i>	Rosaceae	Creambush		7	P	N	Shrub	xs
* HOMI3	<i>Holodiscus microphyllus</i>	Rosaceae	Creambush	<i>Holodiscus discolor</i> var. <i>microphyllus</i>	7	P	N	Shrub	xs
HOCO5	<i>Horkeliella congdonis</i>	Rosaceae	Congdon's false horkelia		7	P	N	Herb	fb
HOPU8	<i>Horkeliella purpurascens</i>	Rosaceae	Purple false horkelia		7	P	N	Herb	fb
IVKI	<i>Ivesia kingii</i>	Rosaceae	Alkali mousetail		1,4,3	P	N	Herb	fb
IVKIK2	<i>Ivesia kingii</i> var. <i>kingii</i>	Rosaceae	Alkali mousetail		1,4,3	P	N	Herb	fb
* IPVU	<i>Ivesia purpurascens</i>	Rosaceae	Purple false horkelia	<i>Horkeliella purpurascens</i>	7	P	N	Herb	fb
MAPU	<i>Malus pumila</i>	Rosaceae	Apple		4,7	P	E	Shrub	we/tr
* MASY2	<i>Malus sylvestris</i>	Rosaceae	Apple	<i>Malus pumila</i>	4,7	P	E	Shrub	we/tr
POBI7	<i>Potentilla biennis</i>	Rosaceae	Biennial cinquefoil		2,4,5	AB	N	Herb	fb
* POFL	<i>Potentilla flabelliformis</i>	Rosaceae	Slender cinquefoil	<i>Potentilla gracilis</i> var. <i>flabelliformis</i>	2	P	N	Herb	fb
* POFR4	<i>Potentilla fruticosa</i>	Rosaceae	Shrubby cinquefoil	<i>Dasiphora fruticosa</i>	1	P	N	Shrub	fb
POGR9	<i>Potentilla gracilis</i>	Rosaceae	Slender cinquefoil		7	P	N	Herb	fb
POGRE	<i>Potentilla gracilis</i> var. <i>elmeri</i>	Rosaceae	Alkali cinquefoil		2,4,7	P	N	Herb	fb
POGRF	<i>Potentilla gracilis</i> var. <i>flabelliformis</i>	Rosaceae	Slender cinquefoil		2	P	N	Herb	fb
* POPE23	<i>Potentilla pectinisecta</i>	Rosaceae	Alkali potentilla	<i>Potentilla gracilis</i> var. <i>elmeri</i>	2,3,7	P	N	Herb	fb
POTEN	<i>Potentilla</i> sp.	Rosaceae	Cinquefoil		8	AP		Herb/Shrub	fb
PRAN2	<i>Prunus andersonii</i>	Rosaceae	Desert peach		1,2,4,7	P	N	Shrub	xs
PRDO	<i>Prunus domestica</i>	Rosaceae	European plum		7	P	E	Shrub	we/tr
PRFR	<i>Prunus fremontii</i>	Rosaceae	Desert apricot		7	P	N	Shrub	xs
PRUNU	<i>Prunus</i> sp.	Rosaceae	Plum/Cherry		8	P		Shrub	we
* PUGL2	<i>Purshia glandulosa</i>	Rosaceae	Sticky bitterbrush	<i>Purshia tridentata</i> var. <i>glandulosa</i>	1,2	P	N	Shrub	xs
PUTR2	<i>Purshia tridentata</i>	Rosaceae	Antelope bitterbrush		7	P	N	Shrub	xs
PUTRG	<i>Purshia tridentata</i> var. <i>glandulosa</i>	Rosaceae	Sticky bitterbrush		1,2,6,7	P	N	Shrub	xs
PYCO	<i>Pyrus communis</i>	Rosaceae	Common pear		1	P	E	Shrub	we/tr
PYRUS	<i>Pyrus</i> sp.	Rosaceae	Pear		7	P	E	Shrub	we/tr
ROSA5	<i>Rosa</i> sp.	Rosaceae	Rose		4,7	P		Shrub	rs
ROWO	<i>Rosa woodsii</i>	Rosaceae	Wood's rose		1,2,3,4,6,7,8	P	N	Shrub	rs
ROWOG	<i>Rosa woodsii</i> ssp. <i>gratissima</i>	Rosaceae	Mojave rose	stem prickles numerous, infl 1-3 flws w/ prickles	4	P	N	Shrub	rs
ROWOU	<i>Rosa woodsii</i> ssp. <i>ultramontana</i>	Rosaceae	Intermountain rose	stem prickles moderat to few, infl 3-10 flws w/ 0 to few prickles	1,2,3,4,5,6,8	P	N	Shrub	rs
* ROWOU	<i>Rosa woodsii</i> var. <i>ultramontana</i>	Rosaceae	Intermountain rose	<i>Rosa woodsii</i> ssp. <i>ultramontana</i>	1,2,3,4,5,6,8	P	N	Shrub	rs
RUAR9	<i>Rubus armeniacus</i>	Rosaceae	Himalayan blackberry		7	P	E	Shrub	we
* RUDI2	<i>Rubus discolor</i>	Rosaceae	Himalayan blackberry	<i>Rubus armeniacus</i>	7	P	E	Shrub	we
RULE	<i>Rubus leucodermis</i>	Rosaceae	Blackcap raspberry		6	P	N	Shrub	xs
* RUPR	<i>Rubus procerus</i>	Rosaceae	Himalayan blackberry	<i>Rubus armeniacus</i>	7	P	E	Shrub	we

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GAAP2	<i>Galium aparine</i>	Rubiaceae	Stickywilly		7	A	N	Herb	fb
GAMA4	<i>Galium matthewsii</i>	Rubiaceae	Bushy bedstraw		2	P	N	Herb	fb
GATRC	<i>Galium trifidum</i> ssp. <i>columbianum</i>	Rubiaceae	Threepetal bedstraw		7	P	N	Herb	fb
* GATRP3	<i>Galium trifidum</i> ssp. <i>pacificum</i>	Rubiaceae	Threepetal bedstraw	<i>Galium trifidum</i> ssp. <i>columbianum</i>	7	P	N	Herb	fb
POAN3	<i>Populus angustifolia</i>	Salicaceae	Narrow-leaved cottonwood	rare tree, lvs elliptic to lance-like	2	P	N	Shrub	tr/rs
* POBAT	<i>Populus balsamifera</i> ssp. <i>trichocarpa</i>	Salicaceae	Black cottonwood	<i>Populus trichocarpa</i>	7	P	N	Shrub	tr/rs
POBA2	<i>Populus balsamifera</i> ? (hybrid)	Salicaceae	Balsam poplar	<i>Prob. Populus balsamifera</i> ssp. <i>trichocarpa</i>	7	P	N	Shrub	tr/rs
POFR2	<i>Populus fremontii</i>	Salicaceae	Fremont's cottonwood/Alamo	large tree in valleys, lvs broad triangular	1,2,3,4,5,6,7,8	P	N	Shrub	tr/rs
POFRX?	<i>Populus fremontii</i> x (hybrid)	Salicaceae	Cottonwood hybrid		7	P		Shrub	tr/rs
POFRN?	<i>Populus fremontii</i> x <i>nigra</i> ?	Salicaceae	Cottonwood hybrid		7	P		Shrub	tr/rs
PONI	<i>Populus nigra</i>	Salicaceae	Lombardy poplar	tall slender tree, lvs broad triangular	4,7	P	E	Shrub	we/tr
* PONII	<i>Populus nigra</i> var. <i>italica</i>	Salicaceae	Lombardy poplar	<i>Populus nigra</i>	1	P	E	Shrub	we/tr
POPUL	<i>Populus</i> sp.	Salicaceae	Cottonwood/Poplar		4	P		Shrub	tr/rs
POTR5	<i>Populus tremuloides</i>	Salicaceae	Quaking aspen	Lvs round-broad teardrop shaped, in mts	7,8	P	N	Shrub	tr/rs
POTR15	<i>Populus trichocarpa</i>	Salicaceae	Black cottonwood	Lvs teardrop shaped, valley to mountains	1	P	N	Shrub	tr/rs
POAC5	<i>Populus</i> x <i>acuminata</i>	Salicaceae	Narrow-leaved cottonwood	<i>Populus angustifolia</i> x <i>deltoides</i>	2	P	N	Shrub	tr/rs
SABA2	<i>Salix babylonica</i>	Salicaceae	Weeping willow	leaves long lanceolate, tip long, weeping upper branches	7,7	P	E	Shrub	we/tr
SAEX	<i>Salix exigua</i>	Salicaceae	Coyote willow/Narrow-leaf willow	lvs narrow, silvery or gray, up to 10x longer than wide, OV & Mts	2,3,4,5,6,7,8	P	N	Shrub	rs
SAGE2	<i>Salix geyeriana</i>	Salicaceae	Geyer's willow	lvs narrow lanceolate, grey, young stems red-brown, Mts	7	P	N	Shrub	rs
SAGO	<i>Salix gooddingii</i>	Salicaceae	Goodding's black willow	lvs narrow lanceolate, shiny green on both sides, OV	4,6,7,8	P	N	Shrub	tr/rs
* SAGOV	<i>Salix gooddingii</i> var. <i>variabilis</i>	Salicaceae	Goodding's black willow	var. <i>variabilis</i> not recognized	1,2,4,5	P	N	Shrub	tr/rs
SALA3	<i>Salix laevigata</i>	Salicaceae	Red willow	stm young reddish; lvs lanceolate, lighter on underside, OV	1,2,3,4,5,6,7,8	P	N	Shrub	tr/rs
SALA5	<i>Salix lasiandra</i>	Salicaceae	Pacific willow/Shinning willow	lvs w/ glands on petiole, very shiny, Mts rare OV	6	P	N	Shrub	tr/rs
SALAL	<i>Salix lasiandra</i> var. <i>lasiandra</i>	Salicaceae	Shinning willow	lvs w/ glands on petiole, upper surface very shiny, Mts rare OV	7	P	N	Shrub	tr/rs
SALA6	<i>Salix lasiolepis</i>	Salicaceae	Arroyo willow	many stms from crown; lvs lighter on underside, margin usl rolled under, OV & Mts	0,4,7,8	P	N	Shrub	rs
* SALAB3	<i>Salix lasiolepis</i> var. <i>braceliniae</i>	Salicaceae	Arroyo willow	var. <i>braceliniae</i> not recognized	1,3,4	P	N	Shrub	rs
* SALAL2	<i>Salix lasiolepis</i> var. <i>lasiolepis</i>	Salicaceae	Arroyo willow	<i>S. l. var. lasiolepis</i> , not in Jepson	0	P	N	Shrub	rs
* SALU	<i>Salix lucida</i>	Salicaceae	Pacific willow/Shinning willow	<i>Salix lasiandra</i>	6	P	N	Shrub	rs
* SALUL	<i>Salix lucida</i> ssp. <i>lasiandra</i>	Salicaceae	Shinning willow	<i>Salix lasiandra</i> var. <i>lasiandra</i> ; lvs w/ glands on petiole, upper surface very shiny	0,4	P	N	Shrub	rs
SALU2	<i>Salix lutea</i>	Salicaceae	Yellow willow	lvs lanceolate, yg stms yellow-grey, older stms grey fairly smooth bark, Mts	7	P	N	Shrub	rs/tr
SASC	<i>Salix scouleriana</i>	Salicaceae	Scouler's willow	lvs oblanceolate or obovate, yng stms yel-grn to brown, Mts	7	P	N	Shrub	rs
SALIX	<i>Salix</i> sp.	Salicaceae	Willow		1,4,6,8	P		Shrub	rs
ACNE2	<i>Acer negundo</i>	Sapindaceae	Box Elder		7	P	N	Shrub	rs/tr
ACER	<i>Acer</i> sp.	Sapindaceae	Maple		7	P		Shrub	rs/tr
SABA14	<i>Sarcobatus baileyi</i>	Sarcobataceae	Bailey's greasewood		1	P	N	Shrub	rs
SAVE4	<i>Sarcobatus vermiculatus</i>	Sarcobataceae	Greasewood		1,2,3,4,5,6,7,8	P	N	Shrub	rs
* SAVEB	<i>Sarcobatus vermiculatus</i> var. <i>baileyi</i>	Sarcobataceae	Bailey's greasewood	<i>Sarcobatus baileyi</i>	1	P	N	Shrub	rs
ANCA10	<i>Anemopsis californica</i>	Saururaceae	Yerba mansa		1,2,3,4,5,6,7,8	P	N	Herb	fb
LIGL2	<i>Lithophragma glabrum</i>	Saxifragaceae	Bulbous woodland-star		7	P	N	Herb	fb
SCDE	<i>Scrophularia desertorum</i>	Scrophulariaceae	Desert figwort		2,7	P	N	Herb	fb
SCROP	<i>Scrophularia</i> sp.	Scrophulariaceae	Figwort		4			Herb	fb
VERBA	<i>Verbascum</i> sp.	Scrophulariaceae	Mullein		1	B	E	Herb	we
VETH	<i>Verbascum thapsus</i>	Scrophulariaceae	Woolly mullein		1,2,4,6,7	B	E	Herb	we
AIAL	<i>Ailanthus altissima</i>	Simaroubaceae	Tree of heaven		1,2,4,7	P	E	Shrub	we/tr
AILAN	<i>Ailanthus</i> sp.	Simaroubaceae	Ailanthus		1	P	E	Shrub	we/tr
DATUR	<i>Datura</i> sp.	Solanaceae	Jimson-weed		4			Herb	wn
DAWR2	<i>Datura wrightii</i>	Solanaceae	Sacred datura		2,4,7,8	P	N	Herb	wn
LYAN	<i>Lycium andersonii</i>	Solanaceae	Desert tomato/Anderson's wolfberry		1,2,3,4,7,8	P	N	Shrub	xs
LYCO2	<i>Lycium cooperi</i>	Solanaceae	Peach thorn/Cooper's wolfberry		1,2,7	P	N	Shrub	xs
LYCIU	<i>Lycium</i> sp.	Solanaceae	Desert-thorn		8	P		Shrub	xs
NIAT	<i>Nicotiana attenuata</i>	Solanaceae	Coyote tobacco		1,2,4,6,7,8	A	N	Herb	fb
NICOT	<i>Nicotiana</i> sp.	Solanaceae	Tobacco		4	A		Herb	fb
ORNE	<i>Oryctes nevadensis</i>	Solanaceae	Nevada oroyctes		2,4	A	N	Herb	fb
PHCR4	<i>Physalis crassifolia</i>	Solanaceae	Yellow ground-cherry		2	P	N	Herb	fb
SOAM	<i>Solanum americanum</i>	Solanaceae	American black nightshade		4,7	A	N	Herb	fb
SOEL	<i>Solanum elaeagnifolium</i>	Solanaceae	Silver-leaf Nightshade		4	P	E	Herb	we
SODU	<i>Solanum dulcamara</i>	Solanaceae	Climbing nightshade		7	P	E	Herb	fb

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SORO	<i>Solanum rostratum</i>	Solanaceae	Buffalo-bur nightshade		4	A	E	Herb	fb
SOLAN	<i>Solanum sp.</i>	Solanaceae	Nightshade		4,7			Herb	fb
TACH2	<i>Tamarix chinensis</i>	Tamaricaceae	Five-stamen tamarisk	lvs oblong to lanceolate, fls in Sum, 5 petals, sepals entire	8	P	E	Shrub	we/tr
TAPA4	<i>Tamarix parviflora</i>	Tamaricaceae	Four-petaled tamarisk	flowers in spring, four petals	1,2,4	P	E	Shrub	we/tr
TARA	<i>Tamarix ramosissima</i>	Tamaricaceae	Saltcedar	lvs ovate, fls in Sum, 5 petals, sepals minutely toothed	1,2,3,4,5,6,7,8	P	E	Shrub	we/tr
TAMAR2	<i>Tamarix sp.</i>	Tamaricaceae	Tamarisk/Salt Cedar		8	P	E	Shrub	we/tr
ULPU	<i>Ulmus pumila</i>	Ulmaceae	Siberian elm		1,6,7,8	P	E	Shrub	we/tr
ULMUS	<i>Ulmus sp.</i>	Ulmaceae	Elm		4,7	P	E	Shrub	we/tr
ZESE80	<i>Zelkova serrata</i>	Ulmaceae	Japanese Zelkova		4	P	E	Shrub	we/tr
URDI	<i>Urtica dioica</i>	Urticaceae	Stinging nettle		4,7,8	P	N	Herb	fb
URDIH	<i>Urtica dioica ssp. holosericea</i>	Urticaceae	Stinging nettle		2,4,5,6,7	P	N	Herb	fb
URTI	<i>Urtica sp.</i>	Urticaceae	Stinging nettle		3,4	P		Herb	fb
VEBR	<i>Verbena bracteata</i>	Verbenaceae	Bigbract verbena		4,8	AB	N	Herb	fb
VINE	<i>Viola nephrophylla</i>	Violaceae	Northern bog violet		2,7	AP	N	Herb	fb
VISO	<i>Viola sororia</i>	Violaceae	Common blue violet		7	AP	N	Herb	fb
* VISOA	<i>Viola sororia ssp. affinis</i>	Violaceae	Northern bog violet	<i>Viola nephrophylla</i>	2,7	AP	N	Herb	fb
PARTH3	<i>Parthenocissus sp.</i>	Vitaceae	Virginia creeper/Woodbine		1	P	E	Shrub	we
PAV15	<i>Parthenocissus vitacea</i>	Vitaceae	Woodbine		5,7	P	E	Shrub	we
VITIS	<i>Vitis sp.</i>	Vitaceae	Grape		7	P		Shrub	we
VIV15	<i>Vitis vinifera</i>	Vitaceae	Wine grape		7	P	E	Shrub	we
LATR2	<i>Larrea tridentata</i>	Zygophyllaceae	Creosote bush		1,2	P	N	Shrub	xs
TRIBU	<i>Tribulus sp.</i>	Zygophyllaceae	Goathead/Puncturevine			A	E	Herb	we
TRTE	<i>Tribulus terrestris</i>	Zygophyllaceae	Goathead/Puncturevine		2,4,6,7	A	E	Herb	we
<b>Monocotyledons</b>									
SALA2	<i>Sagittaria latifolia</i>	Alismataceae	Broadleaf arrowhead		4,2,7	P	N	Herb	fb
ALB12	<i>Allium bisceptrum</i>	Alliaceae	Twincrest onion	in wet meadows, along streams	7	P	N	Herb	fb
ALFI2	<i>Allium fimbriatum</i>	Alliaceae	Fringed onion	likely var. <i>mohavense</i> , in xeric vegetation	2	P	N	Herb	fb
ALLIU	<i>Allium sp.</i>	Alliaceae	Onion		7	P		Herb	fb
LEGI	<i>Lemna gibba</i>	Araceae	Inflated duckweed		5,7	P	N	Herb	wn
LEMI3	<i>Lemna minor</i>	Araceae	Common duckweed		2,3,5,7	P	N	Herb	wn
* LEM19	<i>Lemna minuscula</i>	Araceae	Least duckweed	<i>Lemna minuta</i>	2,3,5,7	P	N	Herb	wn
LEMI6	<i>Lemna minuta</i>	Araceae	Least duckweed		2,3,5	P	N	Herb	wn
LEMNA	<i>Lemna sp.</i>	Araceae	Duckweed		1,6,7,8	P	N	Herb	wn
LEVA	<i>Lemna valdiviana</i>	Araceae	Valdivia duckweed		2	P	N	Herb	wn
SPPO	<i>Spirodela polymorpha</i>	Araceae	Greater duckweed		2,3,5	P	N	Herb	wn
SPIRO	<i>Spirodela sp.</i>	Araceae	Duckmeat		7	P	N	Herb	wn
ASOF	<i>Asparagus officinalis</i>	Asparagaceae	Garden asparagus		1,2,4,6,7,8	P	E	Herb	we
ASPAR	<i>Asparagus sp.</i>	Asparagaceae	Asparagus		1	P	E	Herb	we
AMNE3	<i>Amphiscirpus nevadensis</i>	Cyperaceae	Nevada bulrush	1 long involucre bract	1,2,3,4,7	P	N	Grass	gw
BORO5	<i>Bolboschoenus robustus</i>	Cyperaceae	Sturdy bulrush	2-4 long involucre bracts, spikelets not too dense	7	P	N	Grass	gw
CAAB2	<i>Carex abrupta</i>	Cyperaceae	Abruptbeak sedge	infl compact, ovate to roundish, bracts very small	7	P	N	Grass	gr
CAAT3	<i>Carex athrostachya</i>	Cyperaceae	Slenderbeak sedge	compact infl w/ 2-3 spreading leafy bracts, tufted plants	6	P	N	Grass	gw
CAAU3	<i>Carex aurea</i>	Cyperaceae	Golden sedge	2-4 spikes, pistillate terminal, longish leafy bracts	7	P	N	Grass	gw
CADO2	<i>Carex douglasii</i>	Cyperaceae	Douglas sedge	leaf margin gen inrolled, infl > 1cm w/ 1 prom bract	1,2,3,4,5,6,7	P	N	Grass	gr
* CALA30	<i>Carex lanuginosa</i>	Cyperaceae	Wooly sedge	<i>Carex pellita</i> ; green, 1 staminate & 2-3 pistillate spikes, long leafy bracts	2,3,6,7	P	N	Grass	gw
CANE2	<i>Carex nebrascensis</i>	Cyperaceae	Nebraska sedge	large blue-green sedge	1,2,5,6,7,8	P	N	Grass	gw
CAPE42	<i>Carex pellita</i>	Cyperaceae	Wooly sedge	green, 1 staminate & 2-3 pistillate spikes, long leafy bracts	2,3,6,7	P	N	Grass	gw
CAPR5	<i>Carex praegracilis</i>	Cyperaceae	Clustered field sedge	infl < 1cm wide, 1< sm bract, upper infl stalk 3-sided	1,2,3,4,5,7,8	P	N	Grass	gr
CASI2	<i>Carex simulata</i>	Cyperaceae	Alalogue sedge	infl < 1cm wide, more than 1 bract, upper infl stalk round	1,6,7	P	N	Grass	gw
CAREX	<i>Carex sp.</i>	Cyperaceae	Sedge/Carex		1,4,6,8	P	N	Grass	gr
* CYAR3	<i>Cyperus aristatus</i>	Cyperaceae	Bearded flatsedge	<i>Cyperus squarrosus</i>	2	A	N	Grass	gw
CYBI6	<i>Cyperus bipartitus</i>	Cyperaceae	Slender flatsedge	Infl bracts 2-3, rays 1-4	1,7	A	N	Grass	gw
CYES	<i>Cyperus esculentus</i>	Cyperaceae	Taboose/Yellow nutgrass	Infl bracts 3-7, rays 5-10	1,4	P	N	Grass	gw
CYLA2	<i>Cyperus laevigatus</i>	Cyperaceae	Smooth flatsedge	Infl compact, bracts 1-3, rays 0	7	P	N	Grass	gw
CYNI2	<i>Cyperus niger</i>	Cyperaceae	Black flatsedge	Infl compact, bracts 2-3, rays 0-2 (short)	7	P	N	Grass	gw
* CYNIC	<i>Cyperus niger var. capitatus</i>	Cyperaceae	Black flatsedge	<i>Cyperus niger</i> ; var. <i>capitatus</i> not recognized	7	P	N	Grass	gw
* CYRI	<i>Cyperus rivularis</i>	Cyperaceae	Slender flatsedge	<i>Cyperus bipartitus</i>	1	A	N	Grass	gw

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CYPER	<i>Cyperus</i> sp.	Cyperaceae	Flatsedge		1,4,6			Grass	gw
CYSQ	<i>Cyperus squarrosus</i>	Cyperaceae	Bearded flatsedge	Plt small < 10(20)cm; Infl bracts 1-4, rays 0-6	2,7	A	N	Grass	gw
ELMA5	<i>Eleocharis macrostachya</i>	Cyperaceae	Pale spikerush	Stems 60-90cm tall, up to 1 cm or more thick, uncommon	1,3,4,5,6,7	P	N	Grass	gw
ELPA3	<i>Eleocharis palustris</i>	Cyperaceae	Common spikerush	stems 30-60cm tall, up to 5mm thick, common	1,3,4,5,6,7,8	P	N	Grass	gw
* ELPA4	<i>Eleocharis parishii</i>	Cyperaceae	Parish spikerush	see <i>Eleocharis palustris</i>	1,2,3,4,5,6,7	P	N	Grass	gw
ELRO2	<i>Eleocharis rostellata</i>	Cyperaceae	Walking spikerush	stems 15-30cm tall, 2-3mm thick, often clustering, common	2,3,5,7	P	N	Grass	gw
ELEOC	<i>Eleocharis</i> sp.	Cyperaceae	Spikerush		1,4,6,7,8			Grass	gw
FITH	<i>Fimbristylis thermalis</i>	Cyperaceae	Hot springs fimbristylis		7	P	N	Grass	gw
LIM12	<i>Lipocarpa micrantha</i>	Cyperaceae	Smallflower halfchaff sedge		7	A	N	Grass	gw
LIOC3	<i>Lipocarpa occidentalis</i>	Cyperaceae	Western halfchaff sedge		7	A	N	Grass	gw
SCAC3	<i>Schoenoplectus acutus</i>	Cyperaceae	Hardstem bulrush	round stemmed	4,7	P	N	Grass	gw
SCACO2	<i>Schoenoplectus acutus</i> var. <i>occidentalis</i>	Cyperaceae	Common tule		1,2,3,5,6,8	P	N	Grass	gw
SCAM6	<i>Schoenoplectus americanus</i>	Cyperaceae	Concave threesquare	3-sided conspicuously concave	1,2,3,4,5,6,7,8	P	N	Grass	gw
* SCMA8	<i>Schoenoplectus maritimus</i>	Cyperaceae	Saltmarsh bulrush	<i>Scirpus maritimus</i> ; usl 3 long involuclral bracts, spikelets densely together	1,2,3,4,5,7	P	N	Grass	gw
SCPU6	<i>Schoenoplectus pungens</i>	Cyperaceae	Common threesquare	3-sided not concave	3,4,5,7	P	N	Grass	gw
SCPUL4	<i>Schoenoplectus pungens</i> var. <i>longispicatus</i>	Cyperaceae	Western common threesquare	3-sided not concave	3,4,5,7	P	N	Grass	gw
SCPUP5	<i>Schoenoplectus pungens</i> var. <i>pungens</i>	Cyperaceae	Eastern common threesquare	East North America variety, 3-sided not concave	3,4,5,7	P	N	Grass	gw
* SCRO5	<i>Schoenoplectus robustus</i>	Cyperaceae	Sturdy bulrush	<i>Bolboschoenus robustus</i> ; 2-4 long involuclral bracts, spikelets not too dense	7	P	N	Grass	gw
SCHOE6	<i>Schoenoplectus</i> sp.	Cyperaceae	Blurush		8	P	N	Grass	gw
* SCAC	<i>Scirpus acutus</i>	Cyperaceae	Hardstem bulrush	<i>Schoenoplectus acutus</i> ; round stemmed	4,7	P	N	Grass	gw
* SCACO4	<i>Scirpus acutus</i> var. <i>occidentalis</i>	Cyperaceae	Common tule	<i>Schoenoplectus acutus</i> var. <i>occidentalis</i>	1,2,3,5,6,8	P	N	Grass	gw
* SCAM2	<i>Scirpus americanus</i>	Cyperaceae	Concave threesquare	<i>Schoenoplectus americanus</i> ; 3-sided conspicuously concave	1,2,3,4,5,6,7,8	P	N	Grass	gw
* SCAMP	<i>Scirpus americanus</i> var. <i>polyphyllus</i>	Cyperaceae	Eastern common threesquare	<i>Schoenoplectus pungens</i> var. <i>pungens</i>	1	P	N	Grass	gw
SCMA	<i>Scirpus maritimus</i>	Cyperaceae	Saltmarsh bulrush	usl 3 long involuclral bracts, spikelets densely together	1,2,3,4,5,7	P	N	Grass	gw
* SCMAM	<i>Scirpus maritimus</i> var. <i>macrostachyus</i>	Cyperaceae	Sturdy bulrush	<i>Scirpus robustus</i>	7	P	N	Grass	gw
* SCMAP	<i>Scirpus maritimus</i> var. <i>paludosus</i>	Cyperaceae	Saltmarsh bulrush	<i>Scirpus maritimus</i>	1,2,3	P	N	Grass	gw
SCMI2	<i>Scirpus microcarpus</i>	Cyperaceae	Panicled bulrush	leafy stemmed, numerous spikelets	1,2,4,6,7	P	N	Grass	gw
* SCNE	<i>Scirpus nevadensis</i>	Cyperaceae	Nevada bulrush	<i>Amphiscirpus nevadensis</i> ; 1 long involuclral bract	1,2,3,4,7	P	N	Grass	gw
* SCPU3	<i>Scirpus pungens</i>	Cyperaceae	Common threesquare	<i>Schoenoplectus pungens</i> ; 3-sided not concave	3,4,5,7	P	N	Grass	gw
* SCRO	<i>Scirpus robustus</i>	Cyperaceae	Sturdy bulrush	<i>Bolboschoenus robustus</i> ; 2-4 long involuclral bracts, spikelets not too dense	7	P	N	Grass	gw
SCIRP	<i>Scirpus</i> sp.	Cyperaceae	Bulrush/Tule		4,8	N	N	Grass	gw
ELCA7	<i>Elodea canadensis</i>	Hydrocharitaceae	Common waterweed		3,5,7	P	N	Herb	wn
IRMI	<i>Iris missouriensis</i>	Iridaceae	Western iris		1,2,3,4,6,7,8	P	N	Herb	wn
IRIS	<i>Iris</i> sp.	Iridaceae	Iris		8	P		Herb	wn
SIHA2	<i>Sisyrinchium halophilum</i>	Iridaceae	Nevada blue-eyed grass		1,2,3,4,7	P	N	Herb	fb
SISYR	<i>Sisyrinchium</i> sp.	Iridaceae	Blue-eyed grass		7	P		Herb	fb
JUBA	<i>Juncus balticus</i>	Juncaceae	Baltic rush	single lf round in xsec, infl loose cluster w/ obv brct above	1,2,3,4,5,6,7,8	P	N	Grass	gr
JUBU	<i>Juncus bufonius</i>	Juncaceae	Toad rush	plt < 30cm, leafy, numerous sm flw clusters on brchd stms	2,7	A	N	Grass	gw
JUEN	<i>Juncus ensifolius</i>	Juncaceae	Swordleaf rush	stems leafy, flowers in tight clusters w/ few short bracts	1,4,7	P	N	Grass	gw
JUMA2	<i>Juncus macrandrus</i>	Juncaceae	Longanther rush	stems leafy, flws in cust on brchd stems, bract below infl	2,6	P	N	Grass	gw
JUMA5	<i>Juncus maritimus</i>	Juncaceae	Sea rush	plnt 0.5-1 m, smgl lf rnd in xsec, infl loose clust w/ brct abv	7	P	E	Grass	gw
JUME4	<i>Juncus mexicanus</i>	Juncaceae	Mexican rush	stm twisted, low lf rnd, upr flt in crossc. Infl like JUBA	2,4,7	P	N	Grass	gr
JUNE	<i>Juncus nevadensis</i>	Juncaceae	Sierra rush	stm sgly lfy, flws in small clust on brchd stms, short bracts	7	P	N	Grass	gw
JUOR	<i>Juncus orthophyllus</i>	Juncaceae	Straightleaf rush	stem leafy, infl few brchd w/ flws in clusters no obsv bract	1,6,7	P	N	Grass	gw
JUOX	<i>Juncus oxymeris</i>	Juncaceae	Pointed rush	stem leafy, flowers in small clusters on branched stems	2,6	P	N	Grass	gw
JURU	<i>Juncus rugulosus</i>	Juncaceae	Wrinkled rush	Stems wrinkled, flws in small clusters on branched stems	2,7	P	N	Grass	gw
JUNCU	<i>Juncus</i> sp.	Juncaceae	Rush		4,7,8			Grass	gr
JUTO	<i>Juncus torreyi</i>	Juncaceae	Torrey's rush	stems leafy, flowers in tight clustered balls w/ obv brcts	1,2,3,7	P	N	Grass	gw
JUXI	<i>Juncus xiphioides</i>	Juncaceae	Iris-leaved rush	stem iris-like, flowers in small clusters on branched stems	2,7	P	N	Grass	gw
TRCO19	<i>Triglochin concinna</i>	Juncaginaceae	Slender arrowgrass		4,7	P	N	Grass	fb
TRCOD	<i>Triglochin concinna</i> var. <i>debilis</i>	Juncaginaceae	Weak arrowgrass		1,3,4,7	P	N	Grass	fb
TRMA20	<i>Triglochin maritimum</i>	Juncaginaceae	Seaside arrowgrass		0	P	N	Grass	fb
TRIGL	<i>Triglochin</i> sp.	Juncaginaceae	Arrowgrass		4	P	N	Grass	fb
CABR4	<i>Calochortus bruneauis</i>	Liliaceae	Sego lily	on aluvial fans with other xeric veg	7	P	N	Herb	fb
CAEX2	<i>Calochortus excavatus</i>	Liliaceae	Inyo County star tulip	in alkali meadows w/ other phreatophytic veg	1,2,3,4,7,8	P	N	Herb	fb
CALOC	<i>Calochortus</i> sp.	Liliaceae	Mariposa lily/Star tulip		7	P		Herb	fb
TOPA5	<i>Toxicoscordion paniculatum</i>	Melanthiaceae	Foothill death camas		2	P	N	Herb	fb

## Inyo County Water Department Master Species List

March 8, 2022

SPECIES CODE	SPECIES	FAMILY	COMMON NAME	NAME CHANGES* OTHER NOTES	SOURCE CODE	Life Cycle	Provenance	Lifeform	Habit
TOVE2	<i>Toxicoscordion venenosum</i>	Melanthiaceae	Meadow death camas		2,3,4,7	P	N	Herb	fb
* ZIPA2	<i>Zigadenus paniculatus</i>	Melanthiaceae	Foothill death camas	<i>Toxicoscordion paniculatum</i>	2	P	N	Herb	fb
* ZIVE	<i>Zigadenus venenosus</i>	Melanthiaceae	Meadow death camas	<i>Toxicoscordion venenosum</i>	2,3,4,7	P	N	Herb	fb
EPGI	<i>Epipactis gigantea</i>	Orchidaceae	Stream orchid		2,3,4,5,7	P	N	Herb	fb
* HABEN	<i>Habenaria sp.</i>	Orchidaceae	Bog-orchid	<i>Platanthera sp.</i>	7	P	N	Herb	fb
* HASP5	<i>Habenaria sparsiflora</i>	Orchidaceae	Sparse-flowered bog-orchid	<i>Platanthera sparsiflora</i>	2	P	N	Herb	fb
PLDIL	<i>Platanthera dilatata</i> var. <i>leucostachys</i>	Orchidaceae	White-flowered bog orchid		4	P	N	Herb	fb
* PLLE5	<i>Platanthera leucostachys</i>	Orchidaceae	White-flowered bog orchid	<i>Platanthera dilatata</i> var. <i>leucostachys</i>	4	P	N	Herb	fb
PLATA2	<i>Platanthera sp.</i>	Orchidaceae	Bog-orchid		7	P	N	Herb	fb
PLSP2	<i>Platanthera sparsiflora</i>	Orchidaceae	Sparse-flowered bog orchid		2	P	N	Herb	fb
* ACHY	<i>Achnatherum hymenoides</i>	Poaceae	Indian ricegrass	<i>Stipa hymenoides</i>	1,2,3,4,7,8	P	N	Grass	gr
* ACOCO	<i>Achnatherum occidentale</i> ssp. <i>occidentale</i>	Poaceae	Western needlegrass	<i>Stipa occidentalis</i> var. <i>occidentalis</i>	1	P	N	Grass	gr
* ACPA13	<i>Achnatherum parishii</i>	Poaceae	Tall needlegrass	<i>Stipa parishii</i>	2	P	N	Grass	gr
* ACHNA	<i>Achnatherum sp.</i>	Poaceae	Needlegrass	<i>Stipa sp.</i>	1,7,8	P		Grass	gr
* ACSP12	<i>Achnatherum speciosum</i>	Poaceae	Desert needlegrass	<i>Stipa speciosa</i>	1,2,3,4,7	P	N	Grass	gr
* AGEL3	<i>Agropyron elongatum</i>	Poaceae	Tall wheatgrass	<i>Elymus ponticus</i>	7	P	E	Grass	we
* AGIN2	<i>Agropyron intermedium</i>	Poaceae	Intermediate wheatgrass	<i>Elymus hispidus</i>	1	P	E	Grass	we
AGROP2	<i>Agropyron sp.</i>	Poaceae	Wheatgrass		7	P	E	Grass	we
* AGAL3	<i>Agrostis alba</i>	Poaceae	Redtop	<i>Agrostis gigantea</i>	1,3	P	E	Grass	we
AGEX	<i>Agrostis exarata</i>	Poaceae	Spike bentgrass		7	P	N	Grass	gr
AGG12	<i>Agrostis gigantea</i>	Poaceae	Redtop		1,3,8	P	E	Grass	we
AGSC5	<i>Agrostis scabra</i>	Poaceae	Rough bentgrass		7	P	N	Grass	gr
AGROS2	<i>Agrostis sp.</i>	Poaceae	Bentgrass		1	P		Grass	gr
AGST2	<i>Agrostis stolonifera</i>	Poaceae	Creeping bentgrass		1,7	P	E	Grass	we
* AGV11	<i>Agrostis viridis</i>	Poaceae	Water bentgrass	<i>Polypogon viridis</i>	0,7	P	E	Grass	we
ARAD	<i>Aristida adscensionis</i>	Poaceae	Six-weeks three-awn		6	A	N	Grass	gr
ARIST	<i>Aristida sp.</i>	Poaceae	Three-awn		1			Grass	gr
AVFA	<i>Avena fatua</i>	Poaceae	Wild oat		4	A	E	Grass	we
AVSA	<i>Avena sativa</i>	Poaceae	Common Oat		0,4	A	E	Grass	we
AVENA	<i>Avena sp.</i>	Poaceae	Oat		8	A	E	Grass	we
BOUTE	<i>Bouteloua sp.</i>	Poaceae	Grama		1	AP	N	Grass	gr
BRAR4	<i>Bromus arizonicus</i>	Poaceae	Arizona brome		2	A	N	Grass	gr
BRCA5	<i>Bromus carinatus</i>	Poaceae	California brome		7	P	N	Grass	gr
BRCA6	<i>Bromus catharticus</i>	Poaceae	Rescuegrass		1,2,4,5,6,7	A	E	Grass	we
BRCO4	<i>Bromus commutatus</i>	Poaceae	Hairy brome		1	A	E	Grass	we
BRDI3	<i>Bromus diandrus</i>	Poaceae	Ripgut brome		2,6,7	A	E	Grass	we
BRHO2	<i>Bromus hordeaceus</i>	Poaceae	Soft brome		7	A	E	Grass	we
BRIN2	<i>Bromus inermis</i>	Poaceae	Smooth brome		2,6	P	E	Grass	we
BRJA	<i>Bromus japonicus</i>	Poaceae	Japanese brome		0,7	A	E	Grass	we
BRMAR	<i>Bromus madritensis</i> ssp. <i>rubens</i>	Poaceae	Red brome	Inf dense broom-like flush reddish	1,2,3,4,7,8	A	E	Grass	we
* BRR1	<i>Bromus rigidus</i>	Poaceae	Ripgut brome	<i>Bromus diandrus</i>	6	A	E	Grass	we
* BRRU2	<i>Bromus rubens</i>	Poaceae	Red brome	<i>Bromus madritensis</i> ssp. <i>rubens</i>	1,2,3,4,8	A	E	Grass	we
BROMU	<i>Bromus sp.</i>	Poaceae	Brome		4,8			Grass	we
BRTE	<i>Bromus tectorum</i>	Poaceae	Cheatgrass	Inf clustered, flws hang down	1,2,3,4,6,7,8	A	E	Grass	we
* BRWI	<i>Bromus willdenowii</i>	Poaceae	Rescuegrass	<i>Bromus catharticus</i>	1	A	E	Grass	we
CAPU	<i>Calamagrostis purpurascens</i>	Poaceae	Purple reedgrass		0	P	N	Grass	gr
CELO3	<i>Cenchrus longispinus</i>	Poaceae	Mat sandbur		6	A	E	Grass	we
CHLOR	<i>Chloris sp.</i>	Poaceae	Windmill grass		1			Grass	we
CYDA	<i>Cynodon dactylon</i>	Poaceae	Bermudagrass	Rhiz stems, green, laying flat to ground, Inf branching	1,2,3,4,5,6,7,8	P	E	Grass	we
DAGL	<i>Dactylis glomerata</i>	Poaceae	Orchardgrass		1,4,6	P	E	Grass	we
DACA3	<i>Danthonia californica</i>	Poaceae	California oatgrass		7	P	N	Grass	gr
* DASE	<i>Danthonia semiannularis</i>	Poaceae	Tasmanian wallaby grass	<i>Rytidosperma semiannulare</i>	1	P	E	Grass	we
DANTH	<i>Danthonia sp.</i>	Poaceae	Oatgrass		0	P		Grass	we
* DECA18	<i>Deschampsia caespitosa</i>	Poaceae	Tufted hairgrass	<i>Deschampsia caespitosa</i>	7	P	N	Grass	gr
DECE	<i>Deschampsia caespitosa</i>	Poaceae	Tufted hairgrass		7	P	N	Grass	gr
DEDA	<i>Deschampsia danthonioides</i>	Poaceae	Annual hairgrass		7	A	N	Grass	gr
* DEMA3	<i>Deschampsia mackenziana</i>	Poaceae	Tufted hairgrass	<i>Deschampsia caespitosa</i>	4	P	N	Grass	gr

SPECIES CODE	SPECIES	FAMILY	COMMON NAME	NAME CHANGES* OTHER NOTES	SOURCE CODE	Life Cycle	Provenance	Lifeform	Habit
DISA	<i>Digitaria sanguinalis</i>	Poaceae	Hairy crabgrass		2,6,8	A	E	Grass	we
DISP	<i>Distichlis spicata</i>	Poaceae	Saltgrass	Rhiz stms, blue-green, rough from salt, stms erect, Inf compact	1,2,3,4,5,6,7,8	P	N	Grass	gr
* DISPS2	<i>Distichlis spicata</i> var. <i>stricta</i>	Poaceae	Saltgrass	<i>Distichlis spicata</i>	4,5,6,7	P	N	Grass	gr
ECCR	<i>Echinochloa crus-galli</i>	Poaceae	Barnyardgrass		1,2,4,6,7	A	E	Grass	we
ELIN3	<i>Eleusine indica</i>	Poaceae	Indian goosegrass		6	A	E	Grass	we
ELCI2	<i>Elymus cinereus</i>	Poaceae	Great Basin wildrye	large buchgrass often 3'<	1,2,3,4,6,7,8	P	N	Grass	gr
ELEL5	<i>Elymus elymoides</i>	Poaceae	Squirrel-tail grass	medium sized buchgrass, Inflor beaks apart when dry	1,3,4,7,8	P	N	Grass	gr
ELELE	<i>Elymus elymoides</i> ssp. <i>elymoides</i>	Poaceae	Bottlebrush squirrel-tail grass		0	P	N	Grass	gr
ELGL	<i>Elymus glaucus</i>	Poaceae	Blue wild Rye	rhizomous, inflor w/ usl straint, long awn on glumes	2	P	N	Grass	gr
ELHI6	<i>Elymus hispidus</i>	Poaceae	Intermediate wheatgrass	bunch grass, usul very blue, infl w/ few flow/glume, mts	1	P	E	Grass	we
ELPO2	<i>Elymus ponticus</i>	Poaceae	Tall wheatgrass	Infl with fans of flowers	1,6,7	P	E	Grass	we
ELTR7	<i>Elymus trachycaulus</i>	Poaceae	Slender wheatgrass	rhizomous, inflor w/ alternating single flows/glume, mts	7,8	P	N	Grass	gr
ELTR3	<i>Elymus triticoides</i>	Poaceae	Beardless/Creeping wildrye	rhizomous, inflor w/ usl curved in one direc, alt 2 flow/glume	1,2,3,4,5,6,7,8	P	N	Grass	gr
* ELEL6	<i>Elytrigia elongata</i>	Poaceae	Tall wheatgrass	<i>Elymus ponticus</i>	1,6,7	P	E	Grass	we
* ELIN7	<i>Elytrigia intermedia</i>	Poaceae	Intermediate wheatgrass	<i>Elymus hispidus</i>	1	P	E	Grass	we
* ELPO	<i>Elytrigia pontica</i>	Poaceae	Black Sea wheatgrass	<i>Elymus ponticus</i>	7	P	E	Grass	we
ERCI	<i>Eragrostis cilianensis</i>	Poaceae	Stinkgrass		1,4,6,8	A	E	Grass	we
ERCU2	<i>Eragrostis curvula</i>	Poaceae	Weeping lovegrass		1	P	E	Grass	we
ERMEV	<i>Eragrostis mexicana</i> ssp. <i>virescens</i>	Poaceae	Green mexican lovegrass		1,4	A	N	Grass	gr
* EROR	<i>Eragrostis orcuttiana</i>	Poaceae	Green mexican lovegrass	<i>Eragrostis mexicana</i> ssp. <i>virescens</i>	1	A	N	Grass	gr
ERPE	<i>Eragrostis pectinacea</i>	Poaceae	Tufted lovegrass		1,6,7	A	N	Grass	gr
ERPEN	<i>Eragrostis pectinacea</i> var. <i>miserrima</i>	Poaceae	Desert lovegrass		7	A	N	Grass	gr
ERAGR	<i>Eragrostis</i> sp.	Poaceae	Lovegrass		7,8			Grass	gr
* FEAR	<i>Festuca arida</i>	Poaceae	Desert fescue	<i>Festuca microstachys</i>	1	A	N	Grass	gr
FEAR3	<i>Festuca arundinacea</i>	Poaceae	Tall fescue		1,5,6,7	P	E	Grass	we
FEMI2	<i>Festuca microstachys</i>	Poaceae	Desert fescue		1,2,3	A	N	Grass	gr
FEMY2	<i>Festuca myuros</i>	Poaceae	Rattail fescue		7	A	E	Grass	we
FEOC	<i>Festuca occidentalis</i>	Poaceae	Western fescue		0	P	N	Grass	gr
FEOC3	<i>Festuca octoflora</i>	Poaceae	Sixweeks fescue		1	A	N	Grass	gr
* FEOCH3	<i>Festuca octoflora</i> ssp. <i>hirtella</i>	Poaceae	Sixweeks fescue	<i>Festuca octoflora</i>	2	A	N	Grass	gr
FEPE	<i>Festuca perennis</i>	Poaceae	Perennial ryegrass		4,7,8	AP	E	Grass	we
FEPR	<i>Festuca pratensis</i>	Poaceae	Meadow fescue		0,4,7	P	E	Grass	we
* FERER2	<i>Festuca reflexa</i>	Poaceae	Reflex fescue	<i>Festuca microstachys</i>	1,2	A	N	Grass	gr
FESTU	<i>Festuca</i> sp.	Poaceae	Fescue		1,4,6,7,8	P		Grass	gr
GLST	<i>Glyceria striata</i>	Poaceae	Fowl mannagrass		7	P	N	Grass	gr
* HECO26	<i>Hesperostipa comata</i>	Poaceae	Needle-and-thread grass	<i>Stipa comata</i>	7	P	N	Grass	gr
HOLA	<i>Holcus lanatus</i>	Poaceae	Velvetgrass		1,2,4,6,7	P	E	Grass	we
HOBR2	<i>Hordeum brachyantherum</i>	Poaceae	Meadow barley		6,7,8	P	N	Grass	gr
HOJU	<i>Hordeum jubatum</i>	Poaceae	Foxtail barley	Infl curved feathery, glumes thin, longish	1,2,3,4,5,6,7,8	A	N	Grass	gr
HOMU	<i>Hordeum murinum</i>	Poaceae	Mouse barley		7,8	A	E	Grass	we
HOMUL	<i>Hordeum murinum</i> ssp. <i>leporinum</i>	Poaceae	Hare barley	Infl straight, stiff, glumes spiky	2,3,4,5	A	E	Grass	we
HORDE	<i>Hordeum</i> sp.	Poaceae	Barley		1,4,8			Grass	gr
LAMAR	<i>Lamarckia</i> sp.	Poaceae	Goldentop grass		1	A	E	Grass	we
LEOR	<i>Leersia oryzoides</i>	Poaceae	Rice cutgrass		7	P	N	Grass	gr
* LEFA	<i>Leptochloa fascicularis</i>	Poaceae	Bearded sprangletop	<i>Leptochloa fusca</i> ssp. <i>fascicularis</i>	1,2,4,7	A	N	Grass	gr
LEFUF	<i>Leptochloa fusca</i> ssp. <i>fascicularis</i>	Poaceae	Bearded sprangletop	large annual, infl open, branching, wetland only	1,2,4,7	A	N	Grass	gr
LEPTO	<i>Leptochloa</i> sp.	Poaceae	Sprangletop		1			Grass	gr
* LECI4	<i>Leymus cinereus</i>	Poaceae	Great Basin wildrye	<i>Elymus cinereus</i>	1,2,3,4,6,7,8	P	N	Grass	gr
* LEGL?	<i>Leymus glaucus</i>	Poaceae	Blue wildrye	not in Jep or IMF, (?) possibly <i>Elymus glaucus</i>	7		N		gr
LEYMU	<i>Leymus</i> sp.	Poaceae	Wildrye		7	P		Grass	gr
* LETR5	<i>Leymus triticoides</i>	Poaceae	Beardless/Creeping wildrye	<i>Elymus triticoides</i>	1,2,3,4,5,6,7,8	P	N	Grass	gr
* LOAR10	<i>Lolium arundinaceum</i>	Poaceae	Tall fescue	<i>Festuca arundinacea</i>	8	P	E	Grass	we
* LOMU	<i>Lolium multiflorum</i>	Poaceae	Italian ryegrass	<i>Festuca perennis</i>	7	AB	E	Grass	we
* LOPE	<i>Lolium perenne</i>	Poaceae	Perennial ryegrass	<i>Festuca perennis</i>	4,7,8	AP	E	Grass	we
* LOPEM2	<i>Lolium perenne</i> ssp. <i>multiflorum</i>	Poaceae	Italian ryegrass	<i>Festuca perennis</i>	1,4,6	AB	E	Grass	we
LOLIU	<i>Lolium</i> sp.	Poaceae	Ryegrass		1,8		E	Grass	we
MEST	<i>Melica stricta</i>	Poaceae	Rock melicgrass		7	P	N	Grass	gr

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MUAS	<i>Muhlenbergia asperifolia</i>	Poaceae	Alkali muhly/scratchgrass	rhiz, stms erect, yellowgreen, inflor open like small SPAI	1,2,3,4,6,7,8	P	N	Grass	gr
MUF12	<i>Muhlenbergia filiformis</i>	Poaceae	Pullup muhly	sm bunch grass, inflor tight, in mts	7	A	N	Grass	gr
MUM12	<i>Muhlenbergia minutissima</i>	Poaceae	Annual muhly	leafy annual, inflor open	7	A	N	Grass	gr
MURA	<i>Muhlenbergia racemosa</i>	Poaceae	Marsh muhly	not documented in CA!	1	P	E	Grass	we
MURI1	<i>Muhlenbergia richardsonis</i>	Poaceae	Mat muhly	rhizomous, inflor tight	1,7	P	N	Grass	gr
MURI2	<i>Muhlenbergia rigens</i>	Poaceae	Deer grass	lrg bunch grass, inflor long arching, tight	1	P	N	Grass	gr
MUHLE	<i>Muhlenbergia sp.</i>	Poaceae	Muhly		1	AP		Grass	gr
* ORHY	<i>Oryzopsis hymenoides</i>	Poaceae	Indian ricegrass	<i>Stipa hymenoides</i>	1,2,3,4,7	P	N	Grass	gr
PAAC5	<i>Panicum acuminatum</i>	Poaceae	Western panicgrass	pern, bunching, hairy all over, infl open, smaller	7	P	N	Grass	gw
PACA6	<i>Panicum capillare</i>	Poaceae	Witchgrass	ann, stms erect, lvs broad, hairy below, infl open like SPAI	1,3,4,6,7,8	A	N	Grass	gw
PADI	<i>Panicum dichotomiflorum</i>	Poaceae	Fall panicgrass	ann, bunching, lvs green, infl branching, floets tight to stems	1	A	E	Grass	we
PANIC	<i>Panicum sp.</i>	Poaceae	Panic grass		1,4,7			Grass	gw
PADI6	<i>Paspalum distichum</i>	Poaceae	Knotgrass	Ann, stms erect, lvs broad, hairy below, infl "Y" shaped	1,2,3,4,6,7,8	P	N	Grass	gw
PASPA2	<i>Paspalum sp.</i>	Poaceae	Crowngrass		0,1,4	P		Grass	gw
PHAR3	<i>Phalaris arundinacea</i>	Poaceae	Reed canarygrass		1,6,7	P	N	Grass	gr
PHPR3	<i>Phleum pratense</i>	Poaceae	Cultivated timothy		1,6,7	P	E	Grass	we
PHLEU	<i>Phleum sp.</i>	Poaceae	Timothy		1	AP		Grass	we
PHAU7	<i>Phragmites australis</i>	Poaceae	Common reed		1,2,3,4,5,6,7,8	P	N	Grass	gw
* PHCO15	<i>Phragmites communis</i>	Poaceae	Common reed	<i>Phragmites australis</i>	1,2,3,4,5,6	P	N	Grass	gw
PHRAG	<i>Phragmites sp.</i>	Poaceae	Reed		2,4,8	P		Grass	gw
POAN	<i>Poa annua</i>	Poaceae	Annual bluegrass	sm ann, bunching, lvs green, infl branching	2,4,5,6,7	AB	E	Grass	we
POCO	<i>Poa compressa</i>	Poaceae	Canadian bluegrass	bunching, green, infl stems flattened, branching	7	P	E	Grass	we
POFE	<i>Poa fendleriana</i>	Poaceae	Mutton grass	bunching, light-green, infl branching, usually xeric habitats	8	P	N	Grass	gr
POFEL	<i>Poa fendleriana ssp. longiligula</i>	Poaceae	Longtongue mutton grass		2	P	N	Grass	gr
* POJU	<i>Poa juncifolia</i>	Poaceae	Alkali bluegrass	<i>Poa secunda ssp. juncifolia</i>	1,2,6	P	N	Grass	gr
* PONE3	<i>Poa nevadensis</i>	Poaceae	Alkali bluegrass	<i>Poa secunda ssp. juncifolia</i>	1,2,3,6		N	Grass	gr
POPA2	<i>Poa palustris</i>	Poaceae	Fowl bluegrass	Rhiz, stms erect, lvs green, infl branching	6,7,4	P	E	Grass	we
POPR	<i>Poa pratensis</i>	Poaceae	Kentucky bluegrass	Rhiz, stms erect, rich green, infl branching	1,2,6,7,8	P	E	Grass	we
* POSA12	<i>Poa sanbergii</i>	Poaceae	One-sided bluegrass	<i>Poa secunda ssp. secunda</i>	1	P	N	Grass	gr
* POSC	<i>Poa scabrella</i>	Poaceae	Pine bluegrass	<i>Poa secunda ssp. secunda</i>	1,2,6	P	N	Grass	gr
POSE	<i>Poa secunda</i>	Poaceae	Pine bluegrass/Sandberg bluegrass		7,8	P	N	Grass	gr
POSEJ	<i>Poa secunda ssp. juncifolia</i>	Poaceae	Alkali bluegrass	Bunch, lvs thin, straight, infl open to closed, meadow habitats	4,7	P	N	Grass	gr
* POSEN?	<i>Poa secunda ssp. nevadensis</i>	Poaceae	Nevada bluegrass	Not listed in Jepson or IMF, no USDA code, likely <i>Poa secunda</i>	1,2,3	P	N	Grass	gr
POSES6	<i>Poa secunda ssp. secunda</i>	Poaceae	One-sided bluegrass	Bunch, lvs thin, straight, infl open to closed, xeric habitats	1,2,6	P	N	Grass	gr
POA	<i>Poa sp.</i>	Poaceae	Bluegrass		1,4,6,8			Grass	gr
POIN7	<i>Polypogon interruptus</i>	Poaceae	Ditch rabbit-foot grass	Infl, interrupted, tight lumpy cluster	5,7	P	E	Grass	we
POMO5	<i>Polypogon monspeliensis</i>	Poaceae	Annual rabbitsfoot grass	Infl broad furry-like, very common	1,2,3,4,5,6,7,8	A	E	Grass	we
POLYP2	<i>Polypogon sp.</i>	Poaceae	Rabbitsfoot grass		0,8		E	Grass	we
POVI9	<i>Polypogon viridis</i>	Poaceae	Water bentgrass	Infl branched more open than other sp.	0,7	P	E	Grass	we
PUDI	<i>Puccinellia distans</i>	Poaceae	Weeping alkali grass		2,7	P	E	Grass	we
PUNU2	<i>Puccinellia nuttalliana</i>	Poaceae	Nuttall's alkali grass		2	P	N	Grass	gr
PUCCI	<i>Puccinellia sp.</i>	Poaceae	Alkali grass		7,8			Grass	gr
RYSE	<i>Rytidosperma semiannulare</i>	Poaceae	Tasmanian wallaby grass		1	P	E	Grass	we
* SCPR4	<i>Schedonorus pratensis</i>	Poaceae	Meadow fescue	<i>Festuca pratensis</i>	0,4,7	P	E	Grass	we
SCAR	<i>Schismus arabicus</i>	Poaceae	Arabian schismus	Infl extends beyond leaf rosette	2,3,4,7	A	E	Grass	we
SCBA	<i>Schismus barbatus</i>	Poaceae	Mediterranean schismus	Infl at edge of leaf rosette	4	A	E	Grass	we
SCHIS	<i>Schismus sp.</i>	Poaceae	Mediterranean grass		8	A	E	Grass	we
* SEGL2	<i>Setaria glauca</i>	Poaceae	Yellow foxtail millet	<i>Setaria pumila</i>	2		E	Grass	we
SEPU8	<i>Setaria pumila</i>	Poaceae	Yellow foxtail millet	Infl yellow-green	2,6	A	E	Grass	we
SETAR	<i>Setaria sp.</i>	Poaceae	Bristlegrass		7,8			Grass	we
SEVI4	<i>Setaria viridis</i>	Poaceae	Green bristlegrass	Infl green	1,4,6	A	E	Grass	we
* SIHY	<i>Sitanion hystrix</i>	Poaceae	Squirrel-tail grass	<i>Elymus elymoides</i>	1,3,7	P	N	Grass	gr
SOBID	<i>Sorghum bicolor ssp. drummondii</i>	Poaceae	Sudan grass		4	P	E	Grass	we
SOHA	<i>Sorghum halepense</i>	Poaceae	Johnsongrass		4,6,8	P	E	Grass	we
SPGR	<i>Spartina gracilis</i>	Poaceae	Alkali cord grass		1,3,4,5,6,7,8	P	N	Grass	gr
SPOB	<i>Sphenopholis obtusata</i>	Poaceae	Prairie wedgrass		6	P	N	Grass	gr
SPAI	<i>Sporobolus airoides</i>	Poaceae	Alkali sacaton	bnch, lvs green, smooth under rough above, infl tall open, airy	1,2,3,4,5,6,7,8	P	N	Grass	gr



Inyo County Water Department Master Species List

March 8, 2022

SPECIES CODE	SPECIES	FAMILY	COMMON NAME	NAME CHANGES* OTHER NOTES	SOURCE CODE	Life Cycle	Provenance	Lifeform	Habit
SPCR	<i>Sporobolus cryptandrus</i>	Poaceae	Sand dropseed	bnch, lvs green, hairs at base of blade, infl brchng	6,8	P	N	Grass	gr
SPORO	<i>Sporobolus sp.</i>	Poaceae	Dropseed		0,8		N	Grass	gr
STCO4	<i>Stipa comata</i>	Poaceae	Needle-and-thread grass	bunch, lvs stiffish, blue-green, infl tall, awns long needl-like	7	P	N	Grass	gr
* STCOD	<i>Stipa coronata var. depauperata</i>	Poaceae	Tall needlegrass	<i>Stipa parishii</i>	2	P	N	Grass	gr
* STEL2	<i>Stipa elmeri</i>	Poaceae	Western needlegrass	<i>Stipa occidentalis var. occidentalis</i>	1	P	N	Grass	gr
STHY6	<i>Stipa hymenoides</i>	Poaceae	Indian ricegrass	bunch, lvs grey-green, infl open brchng, sd bulbous w/ glumes	1,2,3,4,7,8	P	N	Grass	gr
STOCO	<i>Stipa occidentalis var. occidentalis</i>	Poaceae	Western needlegrass	bnch, lvs green, infl tight, awn 2x bent 30 degrees	1	P	N	Grass	gr
STPA	<i>Stipa parishii</i>	Poaceae	Tall needlegrass	bnch, lvs green, infl tight, awn bent 60 degrees	2	P	N	Grass	gr
STIPA	<i>Stipa sp.</i>	Poaceae	Needlegrass		1,7,8	P		Grass	gr
STSP3	<i>Stipa speciosa</i>	Poaceae	Desert needlegrass	bnch, lvs thin, green, stiff, infl tight, awns, bent 60 degrees	1,2,3,4,7	P	N	Grass	gr
* THIN6	<i>Thinopyrum intermedium</i>	Poaceae	Intermediate wheatgrass	<i>Elymus hispidus</i>	8	P	E	Grass	we
* THPO7	<i>Thinopyrum ponticum</i>	Poaceae	Tall wheatgrass	<i>Elymus ponticus</i>	7,8	P	E	Grass	we
TOPAP3	<i>Torreyochloa pallida var. pauciflora</i>	Poaceae	Weak mannagrass		7	P	N	Grass	gr
* TOPA3	<i>Torreyochloa pauciflora</i>	Poaceae	Weak mannagrass	<i>Torreyochloa pallida var. pauciflora</i>	7	P	N	Grass	gr
* VUMI	<i>Vulpia microstachys</i>	Poaceae	Small fescue	<i>Festuca microstachys</i>	1,2,3	A	N	Grass	gr
* VUMIM	<i>Vulpia microstachys var. microstachys</i>	Poaceae	Desert fescue	<i>Festuca microstachys</i>	1,2	A	N	Grass	gr
* VUMIP	<i>Vulpia microstachys var. pauciflora</i>	Poaceae	Pacific fescue	<i>Festuca microstachys</i>	1,2	A	N	Grass	gr
* VUMY	<i>Vulpia myuros</i>	Poaceae	Rattail fescue	<i>Festuca myuros</i>	7	A	E	Grass	we
* VUOC	<i>Vulpia octoflora</i>	Poaceae	Six-weeks fescue	<i>Festuca octoflora</i>	1,3,4,6,7,8	A	N	Grass	gr
* VUOCH	<i>Vulpia octoflora var. hirtella</i>	Poaceae	Six-weeks fescue	<i>Festuca octoflora</i>	2	A	N	Grass	gr
VULPI	<i>Vulpia sp.</i>	Poaceae	Fescue		4	A	N	Grass	gr
POBE9	<i>Potamogeton bertholdii</i>	Potamogetonaceae	Small pondweed		2	P	N	Herb	wn
POCR3	<i>Potamogeton crispus</i>	Potamogetonaceae	Curly pondweed		2	P	E	Herb	we
POFO3	<i>Potamogeton foliosus</i>	Potamogetonaceae	Leafy pondweed		2,3	P	N	Herb	wn
PONO2	<i>Potamogeton nodosus</i>	Potamogetonaceae	Long-leaf pondweed		1,2,6	P	N	Herb	wn
POPU7	<i>Potamogeton pusillus</i>	Potamogetonaceae	Small pondweed		7	P	N	Herb	wn
* POPUT3	<i>Potamogeton pusillus var. tenuissimus</i>	Potamogetonaceae	Small pondweed	<i>Potamogeton bertholdii</i>	2	P	N	Herb	wn
POTAM	<i>Potamogeton sp.</i>	Potamogetonaceae	Pondweed		0,7			Herb	wn
RUMA5	<i>Ruppia maritima</i>	Ruppiaceae	Widgeon ditch-grass		2,3,7	P	N	Herb	gw
RUPPI	<i>Ruppia sp.</i>	Ruppiaceae	Ditch-grass		7	P		Herb	gw
MAST	<i>Maianthemum stellatum</i>	Ruscaceae	False Solomon's seal		2,4,7	P	N	Herb	fb
* SMST	<i>Smilacina stellata</i>	Ruscaceae	False Solomon's seal	<i>Maianthemum stellata</i>	2,4,7	P	N	Herb	fb
* BRPU	<i>Brodiaea pulchella</i>	Themidaceae	Blue dicks	<i>Dichelostemma capitatum</i>	2	P	N	Herb	fb
DICA14	<i>Dichelostemma capitatum</i>	Themidaceae	Blue dicks		2,4	P	N	Herb	fb
DICAC5	<i>Dichelostemma capitatum ssp. capitatum</i>	Themidaceae	Headed blue dicks	More than 6 flowers/inflorescence	7	P	N	Herb	fb
DICAP	<i>Dichelostemma capitatum ssp. pauciflorum</i>	Themidaceae	Few-flowered blue dicks	6 or > flowers/inflorescence	7	P	N	Herb	fb
* DIPU3	<i>Dichelostemma pulchellum</i>	Themidaceae	Blue dicks	<i>Dichelostemma capitatum</i>	7	P	N	Herb	fb
MUCO	<i>Muilla coronata</i>	Themidaceae	Crowned muilla		2	P	N	Herb	fb
TYAN	<i>Typha angustifolia</i>	Typhaceae	Narrow-leaved cattail	Naked axis present, no leaf glands, usly fresh water	1,4,7	P	N	Grass	gw
TYDO	<i>Typha domingensis</i>	Typhaceae	Southern cattail	Naked axis present, leaf glands present (stem side)	2,3,4,5,7	P	N	Grass	gw
TYLA	<i>Typha latifolia</i>	Typhaceae	Common cattail	No naked axis, lvs broader than TYDO	1,3,4,6,7,8	P	N	Grass	gw
TYLAG?	<i>Typha latifolia (x glauca?)</i>	Typhaceae	Hybrid cattail		7	P	N	Grass	gw
TYPHA	<i>Typha sp.</i>	Typhaceae	Cattail		1,4,6,8	P		Grass	gw
ZAPA	<i>Zannichellia palustris</i>	Zannichelliaceae	Horned pondweed		2,3,5,7	P	N	Herb	fb

SOURCE CODES

- 0 Source unknown
- 1 LADWP 1984-87 Vegetation Inventory. Type-E Vegetation Inventory 1997-1998.
- 2 DeDecker, Mary, Owens Lake Plant List (CNPS field Trip, March 1991). A checklist of the flora of the Owens Valley, June 1974.
- 3 Forbes, H. C., W. R. Ferren and J. R. Haller, 1988. The vegetation and flora of Fish Slough and vicinity.
- 4 ICWD re-inventory of vegetation on LADWP lands, rare plant surveys, and riparian monitoring (1991-2019).
- 5 LORP Tech. memo from Gary Ahlborn, October 1997. Ecosystem Sciences. Plant species observed in the Balckrock waterfowl habitat area.
- 6 Resource Concepts, Inc. November 1998. Type-E Vegetation Parcel Inventory. Report prepared for Inyo County Water Department and LADWP.
- 7 Springs and Seeps data, 1998-1999, Ecosystem Science subcontractors.
- 8 LADWP 2004-2014 reinventory of vegetation on LADWP lands
- ? after the symbol denotes ICWD symbol for unlisted species or USDA code.

SPECIES CODE	SPECIES	FAMILY	COMMON NAME	NAME CHANGES* OTHER NOTES	SOURCE CODE	Life Cycle	Provenance	Lifeform	Habit
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\* Changes to species names as verified by The Jepson Manual, Vascular Plants of California (2012) and Intermountain Flora

**Life Cycle (germination through death)**

- A Completing lifecycle in one year or growing season, all non-woody species.
- B Completing lifecycle in two years or growing seasons, often with rosette the first growing season and generally flowering only in the second, usually non-woody above ground..
- P Living more than two years or growing seasons, herbaceous or woody species.

**Provenance**

- E Non-native to area or region, introduced either purposely or accidentally.
- N Native to area or region, understood to have been present prior to human activities.

**Lifeform**

- Herb Plant with little or no woody tissues above ground, above ground parts are less than one year or growing season old, also know as forbs.
- Grass True grass (Poaceae) or grass like plants, all monocots, also known as graminoid.
- Shrub Perennial plant with some or all aboveground stems woody, includes subshrubs, shrubs and trees. Subshrubs can persist as herbaceous perennials when young or if conditions are harsh.

**Habit**

- fb annual forb or herbaceous perennial
- gr grass or grass-like
- gw grass or grass-like wetland
- rs riparian shrub or tree
- ss salt shrub
- tr tree or tree-like woody species
- we weed exotic, all exotic species
- wn ween native, native weedy species
- xs xeric or drought tolerant shrubs