

Inyo County Water Department Master Species List

January 23, 2013

SPECIES CODE	SPECIES	FAMILY	COMMON NAME	NAME CHANGES* OTHER NOTES	SOURCE CODE	Life Cycle	juv	Lifeform
AAFF	Annual Forbs	**	**		1,4,8	A		Herb
GRASS	Grass species	Poaceae			4	ABP		Grass
GRASSa	Grass sp. Annual	Poaceae			1	A		Grass
PPFF	Perennial Forb	**	**		1,4	P		Herb
Ferns and Fern Allies								
AZFI	<i>Azolla filiculoides</i>	Azollaceae	Pacific mosquito fern		5,7	A	N	Herb
EQAR	<i>Equisetum arvense</i>	Equisetaceae	Field horsetail		7,8	P	N	Herb
EQLA	<i>Equisetum laevigatum</i>	Equisetaceae	Smooth scouring rush		2,3,5,6,7	P	N	Herb
EQUIS	<i>Equisetum</i> sp.	Equisetaceae	Horsetail/ Scouring rush		1,4,6,8	P	N	Herb
MARSI	<i>Marsilea</i> sp.	Marsileaceae	Waterclover		4	P	N	Herb
MAVE2	<i>Marsilea vestita</i>	Marsileaceae	Hairy waterclover		7	P	N	Herb
Cone Bearing Plants								
CUPRE	<i>Cupressus</i> sp.	Cupressaceae	Cypress		7	P	E	Shrub
EPNE	<i>Ephedra nevadensis</i>	Ephedraceae	Nevada ephedra/ Nevada mormon tea		1,2,3,4,6,7,8	P	N	Shrub
EPHED	<i>Ephedra</i> sp.	Ephedraceae	Ephedra/Jointfir		8	P		Shrub
EPVI	<i>Ephedra viridis</i>	Ephedraceae	Green ephedra/ Green mormon tea		1,2,7	P	N	Shrub
ABCO	<i>Abies concolor</i>	Pinaceae	White fir		7	P	N	Shrub
PIAB	<i>Picea abies</i>	Pinaceae	Norway spruce		1	P	E	Shrub
PIJE	<i>Pinus jeffreyi</i>	Pinaceae	Jeffrey pine		7	P	N	Shrub
PIMO	<i>Pinus monophylla</i>	Pinaceae	Singleleaf pinyon		1,7	P	N	Shrub
PIPO	<i>Pinus ponderosa</i>	Pinaceae	Ponderosa pine		1	P	N	Shrub
Flowering Plants								
Dicotyledons								
SAME5	<i>Sambucus mexicana</i>	Adoxaceae	Blue elderberry		7	P	N	Shrub
SEVE2	<i>Sesuvium verrucosum</i>	Aizoaceae	Sea purslane		1,2,4,5,7	P	N	Herb
AMAL	<i>Amaranthus albus</i>	Amaranthaceae	Tumbleweed		2,6,7	A	E	Herb
AMBL	<i>Amaranthus blitoides</i>	Amaranthaceae	Prostrate amaranth		2	A	E	Herb
AMPA	<i>Amaranthus palmeri</i>	Amaranthaceae	Palmer amaranth		6	A	N	Herb
AMRE	<i>Amaranthus retroflexus</i>	Amaranthaceae	Redroot amaranth		2,8	A	E	Herb
AMARA	<i>Amaranthus</i> sp.	Amaranthaceae	Pigweed/Amaranth		0,4,8	A		Herb
AMSP	<i>Amaranthus spinosus</i>	Amaranthaceae	Spiny pigweed		6	A	E	Herb
NIOC2	<i>Nitrophila occidentalis</i>	Amaranthaceae	Western miterwort		1,2,3,4,5,6,7,8	P	N	Herb
ANLI2	<i>Angelica lineariloba</i>	Apiaceae	Tall angelica		4,2,7	P	N	Herb
APGR2	<i>Apium graveolens</i>	Apiaceae	Celery		7	ABP	E	Herb
BEER	<i>Berula erecta</i>	Apiaceae	Cutleaf water-parsnip		2,3,5,7	P	N	Herb
CIDO	<i>Cicuta douglasii</i>	Apiaceae	Western water hemlock		2,3,4,5,6,7	P	N	Herb
CIMA2	<i>Cicuta maculata</i>	Apiaceae	Spotted water hemlock		8	P	N	Herb
CONIU	<i>Conium</i> sp.	Apiaceae	Poison hemlock		7	B	E	Herb
CYPA	<i>Cymopterus panamintensis</i>	Apiaceae	Panamint springparsley		7	P	N	Herb
DACA6	<i>Daucus carota</i>	Apiaceae	Queen Anne's lace/Carrot		2,4,7	AB	E	Herb
LOMO	<i>Lomatium mohavense</i>	Apiaceae	Mojave desert parsley		2	P	N	Herb
LONE	<i>Lomatium nevadense</i>	Apiaceae	Nevada biscuitroot		2	P	N	Herb
LORI2	<i>Lomatium rigidum</i>	Apiaceae	Big Pine lomatium		7	P	N	Herb
PELE5	<i>Perideridia lemmonii</i>	Apiaceae	Lemmon's yampah		7	P	N	Herb
PERID	<i>Perideridia</i> sp.	Apiaceae	Yampah		7	P		Herb
SISU2	<i>Sium suave</i>	Apiaceae	Water-parsnip, Hemlock		2,5,6,7	P	N	Herb
SPCA5	<i>Sphenosciadium capitellatum</i>	Apiaceae	Ranger's buttons		7	P	N	Herb
APAN2	<i>Apocynum androsaemifolium</i>	Apocynaceae	Bitter dogbane		7	P	N	Herb
APCA	<i>Apocynum cannabinum</i>	Apocynaceae	Hemp dogbane		4,7,8	P	N	Herb

Inyo County Water Department Master Species List

January 23, 2013

SPECIES CODE	SPECIES	FAMILY	COMMON NAME	NAME CHANGES* OTHER NOTES	SOURCE CODE	Life Cycle	Life Cycle	Life Cycle
* 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
APOCY	<i>Apocynum</i> sp.	Apocynaceae	Dogbane		1,4	P	N	Herb
ASER2	<i>Asclepias erosa</i>	Apocynaceae	Desert milkweed		2,4,6	P	N	Herb
ASFA	<i>Asclepias fascicularis</i>	Apocynaceae	Narrow-leaf milkweed		2,3,4,7,8	P	N	Herb
ASLI?	<i>Asclepias linarrifolia</i>	Apocynaceae	Milkweed (unknown)	No listing in Jepson or Intermountain Flora	7			N
ASCLE	<i>Asclepias</i> sp.	Apocynaceae	Milkweed		1,4,8	P		Herb
ASSP	<i>Asclepias speciosa</i>	Apocynaceae	Showy milkweed		2,3,4,5,6,7,8	P	N	Herb
VIMA	<i>Vinca major</i>	Apocynaceae	Greater periwinkle		7	P	E	Herb
ACAMP	<i>Acamptopappus</i>	Asteraceae	Goldenhead		1	P	N	Shrub
ACSH	<i>Acamptopappus shockleyi</i>	Asteraceae	Shockley goldenhead		2	P	N	Shrub
ACSP	<i>Acamptopappus sphaerocephalus</i>	Asteraceae	Rayless goldenhead		1,2	P	N	Shrub
ACM12	<i>Achillea millefolium</i>	Asteraceae	Common yarrow		7	P	N	Herb
ACHIL	<i>Achillea</i> sp.	Asteraceae	Yarrow		1	P		Herb
ACRE3	<i>Acroptilon repens</i>	Asteraceae	Russian knapweed		1,4,7,8	P	E	Herb
AGGL	<i>Agoseris glauca</i>	Asteraceae	Pale dandelion		7	P	N	Herb
AGGLG	<i>Agoseris glauca</i> var. <i>glauca</i>	Asteraceae	Pale dandelion		7	P	N	Herb
AGGLL	<i>Agoseris glauca</i> var. <i>laciniata</i>	Asteraceae	False agoseris		7	P	N	Herb
AGRE	<i>Agoseris retrorsa</i>	Asteraceae	Spearleaf agoseris		7	P	N	Herb
AMAC2	<i>Ambrosia acanthicarpa</i>	Asteraceae	Bur ragweed		1,2,3,4,6,7,8	A	N	Herb
AMAR2	<i>Ambrosia artemisiifolia</i>	Asteraceae	Common ragweed		6	A	E	Herb
AMDU2	<i>Ambrosia dumosa</i>	Asteraceae	Burrowbush		1,2,4,8	P	N	Shrub
AMSA7	<i>Ambrosia salsola</i>	Asteraceae	Cheesebush		1,2,4,7,8	P	N	Shrub
AMBRO	<i>Ambrosia</i> sp.	Asteraceae	Ragweed		8	AP		Herb/Shrub
ANAC	<i>Anisocoma acaulis</i>	Asteraceae	Scale bud		2,3	A	N	Herb
ANRO2	<i>Antennaria rosea</i>	Asteraceae	Rosy pussytoes		7,8	P	N	Herb
ARCA51	<i>Arida carnosa</i>	Asteraceae	Shrubby alkali aster		1,2,3,4,7,8	P	N	Shrub
ARCH3	<i>Arnica chamissonis</i>	Asteraceae	Chamisso arnica		7	P	N	Herb
* ARCHF	<i>Arnica chamissonis</i> ssp. <i>foliosa</i>	Asteraceae	Chamisso arnica	<i>Arnica chamissonis</i>	7	P	N	Herb
ARDO3	<i>Artemisia douglasiana</i>	Asteraceae	Douglas mugwort	lvs > 1cm wd, sprsly tom above, dense below, lobed at ends	4,7,8	P	N	Herb
ARDR4	<i>Artemisia dracunculus</i>	Asteraceae	Tarragon	lvs linear, green	2,4,7,8	P	N	Herb
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
ARLUA	<i>Artemisia ludoviciana</i> ssp. <i>albula</i>	Asteraceae	White mugwort	lvs 1-2 cm long, infl open	7	P	N	Herb
ARLUI2	<i>Artemisia ludoviciana</i> ssp. <i>incompta</i>	Asteraceae	Western mugwort	lvs deeply lobed 2-11 cm long; infl narrow	5	P	N	Herb
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
ARSP5	<i>Artemisia spinescens</i>	Asteraceae	Bud sagebrush		1,3,4	P	N	Shrub
ARTR2	<i>Artemisia tridentata</i>	Asteraceae	Big sagebrush		7,8	P	N	Shrub
ARTRT	<i>Artemisia tridentata</i> ssp. <i>tridentata</i>	Asteraceae	Basin big sagebrush		1,2,3,4,5,6,7	P	N	Shrub
* ASAS5	<i>Aster ascendens</i>	Asteraceae	Long-leaved aster	<i>Symphyotrichum ascendens</i>	2,4,7	P	N	Herb
* ASFR	<i>Aster frondosus</i>	Asteraceae	Leafy aster	<i>Symphyotrichum frondosum</i>	2,3,7	A	N	Herb
* ASHE	<i>Aster hesperius</i>	Asteraceae	Siskiyou aster	<i>Symphyotrichum lanceolatum</i> var. <i>hesperium</i>	1,3	P	N	Herb
* ASIN4	<i>Aster intricatus</i>	Asteraceae	Shrubby alkali aster	<i>Arida carnosa</i>	1,2,3,4	P	N	Shrub
* ASLAH2	<i>Aster lanceolatus</i> ssp. <i>hesperius</i>	Asteraceae	Siskiyou aster	<i>Symphyotrichum lanceolatum</i> var. <i>hesperium</i>	1,6,7	P	N	Herb
* ASOC	<i>Aster occidentalis</i>	Asteraceae	Western mountain aster	<i>Symphyotrichum spathulatum</i>	7	P	N	Herb
ASTER	<i>Aster</i> sp.	Asteraceae	Aster		4,6,8			Herb
* ASSP3	<i>Aster spinosus</i>	Asteraceae	Spiny chloracantha	<i>Chloracantha spinosa</i> var. <i>spinosus</i>	2	P	N	Shrub
BASA4	<i>Baccharis salicifolia</i>	Asteraceae	Mulefat /Water wally		4	P	N	Shrub
BASA3	<i>Balsamorhiza sagittata</i>	Asteraceae	Arrowleaf balsamroot		7	P	N	Herb
BICE	<i>Bidens cernua</i>	Asteraceae	Nodding bur-marigold		7	A	N	Herb
BICEC	<i>Bidens cernua</i> var. <i>cernua</i>	Asteraceae	Nodding bur-marigold		2	A	N	Herb

Inyo County Water Department Master Species List

January 23, 2013

SPECIES CODE	SPECIES	FAMILY	COMMON NAME	NAME CHANGES* OTHER NOTES	SOURCE CODE	Life Cycle	Lifeform
BIFR	<i>Bidens frondosa</i>	Asteraceae	Sticktight/Beggars tick		1,2,3,4,6,7	A N	Herb
BIDEN	<i>Bidens</i> sp.	Asteraceae	Beggars tick		1	A	Herb
BRCA3	<i>Brickellia californica</i>	Asteraceae	California brickellbush		1	P N	Shrub
BRLO	<i>Brickellia longifolia</i>	Asteraceae	Longleaf brickellbush		2	P N	Shrub
BRL0M	<i>Brickellia longifolia</i> var. <i>multiflora</i>	Asteraceae	Inyo brickellbush		2,7	P N	Shrub
BRMI	<i>Brickellia microphylla</i>	Asteraceae	Sweet brickellia		2,3	P N	Shrub
* BRMU2	<i>Brickellia multiflora</i>	Asteraceae	Inyo brickellbush	<i>Brickellia longifolia</i> var. <i>multiflora</i>	2,7	P N	Shrub
BRICK	<i>Brickellia</i> sp.	Asteraceae	Brickellbush		1,4	P N	Shrub
CAPA7	<i>Calycoseris parryi</i>	Asteraceae	Yellow tack-stem		2,3	A N	Herb
CAWR	<i>Calycoseris wrightii</i>	Asteraceae	White Tack-stem		2	A N	Herb
* CERE	<i>Centaurea repens</i>	Asteraceae	Russian knapweed	<i>Acroptilon repens</i>	1,4,7	P E	Herb
CHCA	<i>Chaenactis carphoclinia</i>	Asteraceae	Pebble pincushion	lvs finely lobbed; longest phylls needle-like, flw white to pink	2	A N	Herb
CHFR	<i>Chaenactis fremontii</i>	Asteraceae	Fremont pincushion	lvs green, glab; flws white to pink, outer bilat, grtly enlarged	2,3,8	A N	Herb
CHGLG2	<i>Chaenactis glabriuscula</i> var. <i>glabriuscula</i>	Asteraceae	Yellow pincushion	Pl grayish cobwebby; flws yellow	2	A N	Herb
* CHGLT	<i>Chaenactis glabriuscula</i> var. <i>tenuifolia</i>	Asteraceae	Yellow pincushion	<i>Chaenactis glabriuscula</i> var. <i>glabriuscula</i>	2	A N	Herb
CHMA	<i>Chaenactis macrantha</i>	Asteraceae	Bighead pincushion	Stms red, hairy; lvs gray, hairy; outer phylls recurved, flw spreading	2	A N	Herb
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
CHXA	<i>Chaenactis xantiana</i>	Asteraceae	Xanthus pincushion	Plt green; flws white to pink, phylls blunt-tipped, recurved	2	A N	Herb
CHAET	<i>Chaetadelpa</i> sp.	Asteraceae	Skeletonweed		8	P	Herb
CHWH	<i>Chaetadelpa wheeleri</i>	Asteraceae	Wheeler's skeletonweed		2	P N	Herb
* CHOC	<i>Chamomilla occidentalis</i>	Asteraceae	Valley mayweed	<i>Matricaria occidentalis</i>	2	A N	Herb
* CHSU5	<i>Chamomilla suaveolens</i>	Asteraceae	Pineapple-weed	<i>Matricaria discoidea</i>	2,7	A E	Herb
CHSPS2	<i>Chloracantha spinosa</i> var. <i>spinosa</i>	Asteraceae	Spiny chloracantha		2	P N	Shrub
* CHAL9	<i>Chrysothamnus albidus</i>	Asteraceae	White-flowered rabbitbrush	<i>Ericameria albidus</i>	1,2,3,4,7	P N	Shrub
* CHNA2	<i>Chrysothamnus nauseosus</i>	Asteraceae	Common rabbitbrush	<i>Ericameria nauseosa</i>	1,4,6,7,8	P N	Shrub
* 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
* 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
* CHNAH	<i>Chrysothamnus nauseosus</i> ssp. <i>hololeucus</i>	Asteraceae	White-leaf rabbitbrush	<i>Ericameria nauseosa</i> var. <i>hololeuca</i>	2,4,5,7	P N	Shrub
* 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
* 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
* 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
* CHPA12	<i>Chrysothamnus paniculatus</i>	Asteraceae	Wash rabbitbrush/Black-stem	<i>Ericameria paniculata</i>	7	P N	Shrub
* CHTE4	<i>Chrysothamnus teretifolius</i>	Asteraceae	Needleleaf rabbitbrush	<i>Ericameria teretifolia</i>	1,2,3,4	P N	Shrub
CHV18	<i>Chrysothamnus viscidiflorus</i>	Asteraceae	Stickyhead rabbitbrush		1,3,6,7	P N	Shrub
CIIN	<i>Cichorium intybus</i>	Asteraceae	Common chicory		1,4,6,7,8	P E	Herb
CIAR4	<i>Cirsium arvense</i>	Asteraceae	Canada thistle	lvs green; heads small unisexual, flowers purple	1,2,3,6,7,8	A E	Herb
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
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
CIOC2	<i>Cirsium occidentale</i> var. <i>venustum</i>	Asteraceae	Venus thistle		2	B N	Herb
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
* CIPR	<i>Cirsium proteanum</i>	Asteraceae	Venus thistle	<i>Cirsium occidentale</i> var. <i>venustum</i>	2	B N	Herb
CIRSI	<i>Cirsium</i> sp.	Asteraceae	Thistle		1,2,4,6,8	ABP	Herb
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
* 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
* 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
CONYZ	<i>Conyza</i> sp.	Asteraceae	Horseweed		4	A	Herb
* COBI	<i>Coreopsis bigelovii</i>	Asteraceae	Bigelow tickseed	<i>Leptosyne biglovii</i>	2	A N	Herb
COT13	<i>Coreopsis tinctoria</i>	Asteraceae	Golden tickseed		6	A E	Herb
CROC	<i>Crepis occidentalis</i>	Asteraceae	Largeflower hawksbeard		7	P N	Herb

Inyo County Water Department Master Species List

January 23, 2013

SPECIES CODE	SPECIES	FAMILY	COMMON NAME	NAME CHANGES* OTHER NOTES	SOURCE CODE	Life Cycle	Lifeform
CRRU3	<i>Crepis runcinata</i>	Asteraceae	Fiddleleaf hawksbeard		0,8	P	N Herb
CRRUH	<i>Crepis runcinata ssp. hallii</i>	Asteraceae	Hall's meadow hawksbeard		4	P	N Herb
CREPI	<i>Crepis sp.</i>	Asteraceae	Hawksbeard		4	ABP	Herb
DICA	<i>Dicoria canescens</i>	Asteraceae	Desert twinbugs		2	A	N Herb
DICA18	<i>Dieteria canescens</i>	Asteraceae	Hoary aster		2,8	AP	N Herb
ENAC	<i>Encelia actoni</i>	Asteraceae	Acton's brittlebush	leaves silvery canescent w/out hairs, ray flowers	7	P	N Shrub
ENFR	<i>Encelia frutescens</i>	Asteraceae	Button brittlebush	leaves hairy (not canescent), no ray flowers	4	P	N Shrub
* ENFRV	<i>Encelia frutescens var. virginensis</i>	Asteraceae	Bush sunflower	<i>Encelia virginensis</i>	1	P	N Shrub
ENCEL	<i>Encelia sp.</i>	Asteraceae	Brittlebush		4	P	N Shrub
ENVI	<i>Encelia virginensis</i>	Asteraceae	Bush sunflower	leaves w/ both canescence & hairs, ray flowers	1,2,4,8	P	N Shrub
ERAL23	<i>Ericameria albidia</i>	Asteraceae	White-flowered rabbitbrush		1,2,3,4,7	P	N Shrub
ERCO23	<i>Ericameria cooperi</i>	Asteraceae	Cooper's goldenbush		1,2,3,4,7	P	N Shrub
ERCU7	<i>Ericameria cuneata</i>	Asteraceae	Cliff goldenbush		1	P	N Shrub
ERLI6	<i>Ericameria linearifolia</i>	Asteraceae	Showy goldenbush		2	P	N Shrub
ERNA10	<i>Ericameria nauseosa</i>	Asteraceae	Common rabbitbrush		1,4,6,7,8	P	N Shrub
* ERNAM?	<i>Ericameria nauseosa ssp. consimilis var. mohavensis</i>	Asteraceae	Mojave rabbitbrush	<i>Ericameria nauseosa var. mohavensis</i>	2,3	P	N Shrub
* ERNAO?	<i>Ericameria nauseosa ssp. consimilis var. oreophila</i>	Asteraceae	Rubber rabbitbrush	<i>Ericameria nauseosa var. oreophila</i>	4,5,7	P	N Shrub
* ERNAH?	<i>Ericameria nauseosa ssp. nauseosa var. hololeuca</i>	Asteraceae	White-leaf rabbitbrush	<i>Ericameria nauseosa var. hololeuca</i>	2,4,5,7	P	N Shrub
* ERNAS2?	<i>Ericameria nauseosa ssp. nauseosa var. speciosa</i>	Asteraceae	White-stemmed rabbitbrush	<i>Ericameria nauseosa var. speciosa</i>	2	P	N Shrub
ERNAH	<i>Ericameria nauseosa var. hololeuca</i>	Asteraceae	White-leaf rabbitbrush		2,4,5,7	P	N Shrub
ERNAM	<i>Ericameria nauseosa var. mohavensis</i>	Asteraceae	Mojave rabbitbrush		2,3	P	N Shrub
ERNAO	<i>Ericameria nauseosa var. oreophila</i>	Asteraceae	Rubber rabbitbrush		4,5,7	P	N Shrub
ERNAS2	<i>Ericameria nauseosa var. speciosa</i>	Asteraceae	White-stemmed rabbitbrush		2	P	N Shrub
ERPA29	<i>Ericameria paniculata</i>	Asteraceae	Wash rabbitbrush/Black-stem		7	P	N Shrub
ERTE18	<i>Ericameria teretifolia</i>	Asteraceae	Needleleaf rabbitbrush		1,2,3,4	P	N Shrub
ERBR4	<i>Erigeron breweri</i>	Asteraceae	Brewer's fleabane daisy		4,6	P	N Herb
ERBRB5	<i>Erigeron breweri var. bisanctus</i>	Asteraceae	Twin-saint fleabane daisy		6	P	N Herb
ERBRC3	<i>Erigeron breweri var. covillei</i>	Asteraceae	Coville's fleabane daisy		2,6	P	N Herb
ERBRP	<i>Erigeron breweri var. porphyreticus</i>	Asteraceae	Purple fleabane daisy		2	P	N Herb
ERCA20	<i>Erigeron canadensis</i>	Asteraceae	Canada horseweed		2,3,4,6,7,8	A	N Herb
ERDI4	<i>Erigeron divergens</i>	Asteraceae	Pastel daisy		2,4,5,7,8	A	N Herb
* ERFOC	<i>Erigeron foliosus var. covillei</i>	Asteraceae	Coville's fleabane daisy	<i>Erigeron breweri var. covillei</i>	2,6	P	N Herb
ERLO	<i>Erigeron lonchophyllus</i>	Asteraceae	Shorthead fleabane daisy		7	AB	N Herb
ERPU2	<i>Erigeron pumilus</i>	Asteraceae	Shaggy fleabane daisy		7	P	N Herb
ERIGE2	<i>Erigeron sp.</i>	Asteraceae	Fleabane daisy		1,4,6	AP	Herb
ERAMP	<i>Eriophyllum ambiguum var. paleaceum</i>	Asteraceae	Beautiful woolly daisy		2	A	N Herb
ERPR4	<i>Eriophyllum pringlei</i>	Asteraceae	Bud eriophyllum		2,8	A	N Herb
ERiop2	<i>Eriophyllum sp.</i>	Asteraceae	Woolly daisy		1	AP	Herb
ERWA7	<i>Eriophyllum wallacei</i>	Asteraceae	Wallace's woolly daisy		2,3,4,7	A	N Herb
EUNE8	<i>Euphrosyne nevadensis</i>	Asteraceae	Nevada poverty weed		2,3	A	N Herb
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
* FIAR	<i>Filago arizonica</i>	Asteraceae	Arizona cottonrose	<i>Logfia arizonica</i>	2	A	N Herb
GAPAP4	<i>Galinsoga parviflora var. parviflora</i>	Asteraceae	Littleflower quickweed		2	A	E Herb
GLMA2	<i>Glyptopleura marginata</i>	Asteraceae	Holly dandelion		2,3,4	A	N Herb
* GNCA2	<i>Gnaphalium canescens ssp. thermale</i>	Asteraceae	Slender cudweed	<i>Pseudognaphalium thermale</i>	2	BP	N Herb
* GNCH	<i>Gnaphalium chilense</i>	Asteraceae	Cotton-batting cudweed	<i>Pseudognaphalium stramineum</i>	2,3,7	AB	N Herb
* GNLU	<i>Gnaphalium luteo-album</i>	Asteraceae	Jersey cudweed	<i>Pseudognaphalium luteoalbum</i>	3,4,5,7	A	E Herb
GNPA	<i>Gnaphalium palustre</i>	Asteraceae	Lowland cudweed		2,3,7	A	N Herb
GNAPH	<i>Gnaphalium sp.</i>	Asteraceae	Cudweed		0,8	ABP	Herb

Inyo County Water Department Master Species List

January 23, 2013

SPECIES CODE	SPECIES	FAMILY	COMMON NAME	NAME CHANGES* OTHER NOTES	SOURCE CODE	Life Cycle	juv	venal	Lifemore
* GNST	<i>Gnaphalium stramineum</i>	Asteraceae	Cotton-batting cudweed	<i>Pseudognaphalium stramineum</i>	2,6,7	AB	N	Herb	
* GNTH	<i>Gnaphalium thermale</i>	Asteraceae	Slender cudweed	<i>Pseudognaphalium thermale</i>	2	BP	N	Herb	
GRCA	<i>Grindelia camporum</i>	Asteraceae	Great Valley gumweed		1,2,4,6,7	P	N	Herb	
GRIND	<i>Grindelia sp.</i>	Asteraceae	Gumweed		4	BP		Herb	
GRSQ	<i>Grindelia squarrosa</i>	Asteraceae	Curly-cup gumweed		4,5,8	B	E	Herb	
GUMI	<i>Gutierrezia microcephala</i>	Asteraceae	Sticky snakeweed		1,2,4,6,7	P	N	Shrub	
GUSA2	<i>Gutierrezia sarothrae</i>	Asteraceae	Broom snakeweed		2,4	P	N	Shrub	
* HACO4	<i>Haplopappus cooperi</i>	Asteraceae	Cooper goldenbush	<i>Ericameria cooperi</i>	1,2,3,4	P	N	Shrub	
* HALI5	<i>Haplopappus linearifolius</i>	Asteraceae	Showy goldenbush	<i>Ericameria linearifolia</i>	2	P	N	Shrub	
* HARA	<i>Haplopappus racemosus</i>	Asteraceae	Gold-wand aster	<i>Pyrrhocoma racemosa</i>	1,2,3,4	P	N	Herb	
HEBI	<i>Helenium bigelovii</i>	Asteraceae	Bigelow's sneezeweed		4	P	N	Herb	
HEPU2	<i>Helenium puberulum</i>	Asteraceae	Rosilla		7	A	N	Herb	
HEAN3	<i>Helianthus annuus</i>	Asteraceae	Annual sunflower		1,2,4,5,6,7,8	A	N	Herb	
* HEAR14	<i>Helianthus aridus</i>	Asteraceae	Annual sunflower	<i>Helianthus annuus</i>	7	A	N	Herb	
HENU	<i>Helianthus nuttallii</i>	Asteraceae	Nuttall's sunflower		2,3,4,7	P	N	Herb	
HELIA3	<i>Helianthus sp.</i>	Asteraceae	Sunflower		4	AP		Herb	
HEMIZ	<i>Hemizonia sp.</i>	Asteraceae	Tarweed		4	AP		N	
* HEPS	<i>Heterotheca psammophila</i>	Asteraceae	Camphor weed	<i>Heterotheca subaxillaris</i>	2	A	N	Herb	
HESU	<i>Heterotheca subaxillaris</i>	Asteraceae	Camphor weed		2	A	N	Herb	
* HYSA	<i>Hymenoclea salsola</i>	Asteraceae	Cheesebush	<i>Ambrosia salsola</i>	1,2,4,7,8	P	N	Shrub	
IVAX	<i>Iva axillaris</i>	Asteraceae	Poverty weed		1,2,3,4,6,7,8	P	N	Herb	
* IVAXR	<i>Iva axillaris ssp. robustior</i>	Asteraceae	Poverty weed	<i>Iva axillaris</i>	1,2,3,4,6	P	N	Herb	
* IVNE	<i>Iva nevadensis</i>	Asteraceae	Nevada poverty weed	<i>Euphrosyne nevadensis</i>	2,3	A	N	Herb	
IVA	<i>Iva sp.</i>	Asteraceae	Marsh elder/Poverty weed		1	AP		Herb	
LASE	<i>Lactuca serriola</i>	Asteraceae	Prickly lettuce		2,3,4,5,6,7,8	A	E	Herb	
LACTU	<i>Lactuca sp.</i>	Asteraceae	Lettuce		4	AP		Herb	
LACO13	<i>Laennecia coulteri</i>	Asteraceae	Coulter's horseweed		2,4,6,7	A	N	Herb	
LAGL5	<i>Layia glandulosa</i>	Asteraceae	White tidy-tips		2,3,7	A	N	Herb	
LAYIA	<i>Layia sp.</i>	Asteraceae	Tidy-tips		1	A		Herb	
LEBI4	<i>Leptosyne biglovii</i>	Asteraceae	Bigelow tickseed		2	A	N	Herb	
LEGL18	<i>Lessingia glandulifera</i>	Asteraceae	Vinegar weed		2,3,4,7,8	A	N	Herb	
* LELE13	<i>Lessingia lemmonii</i>	Asteraceae	Vinegar weed	<i>Lessingia glandulifera</i>	2,3,4,7,8	A	N	Herb	
* LELE2	<i>Lessingia lemmonii var. ramulosissima</i>	Asteraceae	Vinegar weed	<i>Lessingia glandulifera</i>	2	A	N	Herb	
LOAR12	<i>Logfia arizonica</i>	Asteraceae	Arizona cottonrose		2	A	N	Herb	
* LYEX3	<i>Lygodesmia exigua</i>	Asteraceae	Bright-white	<i>Prenanthes exigua</i>	2,4,6	A	N	Herb	
* LYSP2	<i>Lygodesmia spinosa</i>	Asteraceae	Wool-cache plant	<i>Pleiacanthus spinosus</i>	2	P	N	Shrub	
* MACA2	<i>Machaeranthera canescens</i>	Asteraceae	Hoary aster	<i>Dieteria canescens</i>	2,8	AP	N	Herb	
* MACA17	<i>Machaeranthera carnosia</i>	Asteraceae	Shrubby alkali aster	<i>Arida carnosia</i>	1,2,3,4,7,8	P	N	Shrub	
* MACA13	<i>Machaeranthera carnosia var. intricata</i>	Asteraceae	Shrubby alkali aster	<i>Arida carnosia</i>	0,8	P	N	Shrub	
MACHA	<i>Machaeranthera sp.</i>	Asteraceae	Tansyaster		7	AP		N	
* MATO4	<i>Machaeranthera tortifolia</i>	Asteraceae	Mojave aster	<i>Xylorhiza tortifolia</i>	1,2,3,4	P	N	Shrub	
MADIA	<i>Madia sp.</i>	Asteraceae	Tarweed		4	A		Herb	
MACO3	<i>Malacothrix coulteri</i>	Asteraceae	Snakes-head		2	A	N	Herb	
MAGL3	<i>Malacothrix glabrata</i>	Asteraceae	Desert dandelion		1,4,2,6,7	A	N	Herb	
MASO	<i>Malacothrix sonchoides</i>	Asteraceae	Yellow saucers		2,3,4,7	A	N	Herb	
MALAC3	<i>Malacothrix sp.</i>	Asteraceae	Wild dandelion		4	A	N	Herb	
MADI6	<i>Matricaria discoidea</i>	Asteraceae	Pineapple-weed		2,7	A	E	Herb	
* MAMA11	<i>Matricaria matricarioides</i>	Asteraceae	Pineapple-weed	<i>Matricaria discoidea</i>	2,7	A	E	Herb	
MAOC	<i>Matricaria occidentalis</i>	Asteraceae	Valley mayweed		2	A	N	Herb	

Inyo County Water Department Master Species List

January 23, 2013

SPECIES CODE	SPECIES	FAMILY	COMMON NAME	NAME CHANGES* OTHER NOTES	SOURCE CODE	Life Cycle	juv	venal	Lifemove
MOBE	<i>Monoptilon bellidiforme</i>	Asteraceae	Daisy desertstar		2	A	N	Herb	
MOBE2	<i>Monoptilon bellioides</i>	Asteraceae	Mojave desertstar		2	A	N	Herb	
* PIDE4	<i>Picrothamnus desertorum</i>	Asteraceae	Budsage	<i>Artemisia spinescens</i>	8	P	N	Shrub	
PLSP7	<i>Pleiocanthus spinosus</i>	Asteraceae	Wool-cache plant		2	P	N	Shrub/Herb	
PLSE	<i>Pluhea sericea</i>	Asteraceae	Arrow weed		7	P	N	Shrub	
PLUCH	<i>Pluhea sp.</i>	Asteraceae	Camphorweed		0	AP	N		
PREX	<i>Prenanthea exigua</i>	Asteraceae	Bright white		2,4	A	N	Herb	
PSAN	<i>Psathyrotes annua</i>	Asteraceae	Fan-leaf		1,2,3,4	A	N	Herb	
PSRA	<i>Psathyrotes ramosissima</i>	Asteraceae	Velvet turtleback		2,4,7	AP	N	Herb	
PSATH	<i>Psathyrotes sp.</i>	Asteraceae	Turtleback/Psathyrotes		4	AP	N	Herb	
PSLU6	<i>Pseudognaphalium luteoalbum</i>	Asteraceae	Jersey cudweed		3,4,5,7	A	E	Herb	
PSST7	<i>Pseudognaphalium stramineum</i>	Asteraceae	Cotton-batting cudweed		2,6,7	AB	N	Herb	
PSTH3	<i>Pseudognaphalium thermale</i>	Asteraceae	Slender cudweed		2	BP	N	Herb	
PYRA	<i>Pyrrocoma racemosa</i>	Asteraceae	Gold-wand aster		1,2,3,4,7,8	P	N	Herb	
PYRAS	<i>Pyrrocoma racemosa var. sessiliflora</i>	Asteraceae	Clustered gold-wand aster		5,6,7	P	N	Herb	
* SEDOM	<i>Senecio douglasii var. monoensis</i>	Asteraceae	Mono senecio	<i>Senecio flaccidus var. monoensis</i>	2	P	N	Shrub	
SEFLM	<i>Senecio flaccidus var. monoensis</i>	Asteraceae	Mono senecio		2	P	N	Shrub	
SEIN2	<i>Senecio integerrimus</i>	Asteraceae	Lambstongue ragwort		7	BP	N	Herb	
SESE2	<i>Senecio serra</i>	Asteraceae	Tall ragwort		7	P	N	Herb	
SENEC	<i>Senecio sp.</i>	Asteraceae	Ragwort		7	ABP			
SESP3	<i>Senecio spartioides</i>	Asteraceae	Broomlike ragwort		7	P	N	Shrub	
SETR	<i>Senecio triangularis</i>	Asteraceae	Arrowleaf ragwort		1	P	N	Herb	
SEVU	<i>Senecio vulgaris</i>	Asteraceae	Common ragwort		7	A	E	Herb	
* SOCA5	<i>Solidago californica</i>	Asteraceae	California goldenrod	<i>Solidago velutina ssp. californica</i> ; lvs serrate, oblanceolate to obovate, hairy, blue-green	7	P	N	Herb	
* SOCA6	<i>Solidago canadensis</i>	Asteraceae	Canada goldenrod	<i>Solidago elongata</i> ; mid lvs largest, lanceolate, toothed, some stringy hairs	7	P	N	Herb	
SOEL4	<i>Solidago elongata</i>	Asteraceae	Canada goldenrod		7	P	N	Herb	
* SOOC4	<i>Solidago occidentalis</i>	Asteraceae	Western goldenrod	<i>Euthamia occidentalis</i>	2	P	N	Herb	
SOLID	<i>Solidago sp.</i>	Asteraceae	Goldenrod		1,4,7	P	N	Herb	
SOSP3	<i>Solidago spectabilis</i>	Asteraceae	Showy goldenrod	lvs entire or serrate, oblanceolate, glabrous, no resin dots	2,3,7	P	N	Herb	
SOVEC	<i>Solidago velutina ssp. californica</i>	Asteraceae	California goldenrod		7	P	N	Herb	
SOAS	<i>Sonchus asper</i>	Asteraceae	Prickly sow thistle		2,3,4,5,7	A	E	Herb	
STEX	<i>Stephanomeria exigua</i>	Asteraceae	Annual mitra		2,3,7,8	A	N	Herb	
STPA3	<i>Stephanomeria parryi</i>	Asteraceae	Parry's rock pink		2,8	P	N	Herb	
STPA4	<i>Stephanomeria pauciflora</i>	Asteraceae	Common wire-lettuce		1,2,4,7,8	P	N	Shrub/Herb	
STEPH	<i>Stephanomeria sp.</i>	Asteraceae	Wire-lettuce		1,4,7,8	AP	N	Shrub/Herb	
* STSP6	<i>Stephanomeria spinosa</i>	Asteraceae	Wool-cache plant	<i>Pleiocanthus spinosus</i>	2	P	N	Shrub/Herb	
STVI2	<i>Stephanomeria virgata</i>	Asteraceae	Rod wire-lettuce		7	A	N	Herb	
STMI2	<i>Stylocline micropoides</i>	Asteraceae	Desert neststraw		2	A	N	Herb	
SYAS3	<i>Symphotrichum ascendens</i>	Asteraceae	Long-leaved aster		2,4,7	P	N	Herb	
SYFR2	<i>Symphotrichum frondosum</i>	Asteraceae	Leafy aster		2,3,7	A	N	Herb	
SYLAH6	<i>Symphotrichum lanceolatum var. hesperium</i>	Asteraceae	Siskiyou aster		1,6,7	P	N	Herb	
SYSP	<i>Symphotrichum spathulatum</i>	Asteraceae	Western mountain aster		7	P	N	Herb	
SYFR	<i>Syntrichopappus fremontii</i>	Asteraceae	Fremont's yellowray		2	A	N	Herb	
TAOF	<i>Taraxacum officinale</i>	Asteraceae	Common dandelion		1,2,4,6,7,8	P	E	Herb	
TARAX	<i>Taraxacum sp.</i>	Asteraceae	Dandelion		1	P	E	Herb	
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	
TEAXL	<i>Tetradymia axillaris var. longispina</i>	Asteraceae	Longspined cotton-thorn		4	P	N	Shrub	
TECA2	<i>Tetradymia canescens</i>	Asteraceae	Gray horsebrush	stems gray fuzzy, no spines; lvs gray fuzzy; ifl terminal	1,2,4	P	N	Shrub	
TECO2	<i>Tetradymia comosa</i>	Asteraceae	Hairy horsebrush	stems fuzzy, spines or not; infl terminal; rare in OV	1	P	N	Shrub	

Inyo County Water Department Master Species List

January 23, 2013

SPECIES CODE	SPECIES	FAMILY	COMMON NAME	NAME CHANGES* OTHER NOTES	SOURCE CODE	Life Cycle	Life Cycle	Life Cycle
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
TETRA3	<i>Tetradymia sp.</i>	Asteraceae	Cotton-thorn/Horsebrush		4	P	N	Shrub
TESP2	<i>Tetradymia spinosa</i>	Asteraceae	Curve-spined cotton-thorn	stems fuzzy, curved spines; infl in axils	4	P	N	Shrub
* TESPL	<i>Tetradymia spinosa var. longispina</i>	Asteraceae	Longspined cotton-thorn	<i>Tetradymia axillaris var. longispina</i>	2	P	N	Shrub
TEST2	<i>Tetradymia stenolepis</i>	Asteraceae	Mojave cotton-thorn	stems fuzzy in lines, straight spines; infl terminal	1,2,4	P	N	Shrub
TRDU	<i>Tragopogon dubius</i>	Asteraceae	Yellow salsify		6,7	AB	E	Herb
TRPO	<i>Tragopogon porrifolius</i>	Asteraceae	Purple salsify		4	B	E	Herb
* TRLO3	<i>Trimorpha lonchophylla</i>	Asteraceae	Shorthead fleabane daisy	<i>Erigeron lonchophyllus</i>	7	AB	N	Herb
XANTH2	<i>Xanthium sp.</i>	Asteraceae	Cocklebur		1,4,6	A		Herb
XAST	<i>Xanthium strumarium</i>	Asteraceae	Rough cocklebur		1,2,3,4,5,6,7,8	A	N	Herb
* XASTC	<i>Xanthium strumarium var. canadense</i>	Asteraceae	Canada cocklebur	<i>Xanthium strumarium</i>	1,2,3,4,5,6	A	N	Herb
XYTO2	<i>Xylorhiza tortifolia</i>	Asteraceae	Mojave aster		1,3,4	P	N	Shrub
BEOC2	<i>Betula occidentalis</i>	Betulaceae	Water birch		1,2,4,7	P	N	Shrub
CATAL	<i>Catalpa sp.</i>	Bignoniaceae	Catalpa		7	P	E	Shrub
* ALPA	<i>Allocarya parishii</i>	Boraginaceae	Parish's popcornflower	<i>Plagiobothrys parishii</i>	5	A	N	Herb
* AMEC	<i>Amsinckia echinata</i>	Boraginaceae	Intermediate Menzies' fiddleneck	<i>Amsinckia intermedia</i>	8	A	N	Herb
AMIN3	<i>Amsinckia intermedia</i>	Boraginaceae	Intermediate Menzies' fiddleneck		8	A	N	Herb
AMME	<i>Amsinckia menziesii</i>	Boraginaceae	Menzies' fiddleneck		8	A	N	Herb
* AMME12	<i>Amsinckia menziesii var. intermedia</i>	Boraginaceae	Intermediate Menzies' fiddleneck	<i>Amsinckia intermedia</i>	8	A	N	Herb
AMSN	<i>Amsinckia sp.</i>	Boraginaceae	Fiddleneck		1	A		Herb
AMTE3	<i>Amsinckia tessellata</i>	Boraginaceae	Bristly fiddleneck		2,3,4,6,7,8	A	N	Herb
* CONU2	<i>Coldenia nuttallii</i>	Boraginaceae	Nuttall's crinkleemat	<i>Tiquilia nuttallii</i>	1,2,3,4	A	N	Herb
* COLDE	<i>Coldenia sp.</i>	Boraginaceae	Crinkleemat	<i>Tiquilia sp.</i>	4	AP	N	Herb
CRBA5	<i>Cryptantha barbiger</i>	Boraginaceae	Bearded forget-me-not	plt bristly, inf coiled & very bristly, flw white, small; 1 nutlet	2	A	N	Herb
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
CRDE	<i>Cryptantha decipiens</i>	Boraginaceae	Gravelbar cryptantha	plt hairy; Inf hairs = to flw length; 1-2 nutlets	2	A	N	Herb
CRDU	<i>Cryptantha dumetorum</i>	Boraginaceae	Bushloving cryptantha	plt leggy in flw; Infl bracts wd lclt, hairs exceed flw lth; 4 ntlts	2	A	N	Herb
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
CRNE2	<i>Cryptantha nevadensis</i>	Boraginaceae	Nevada cryptantha	Infl in ball-like clusters, 4 nutlets	2,3	A	N	Herb
CROX	<i>Cryptantha oxygona</i>	Boraginaceae	Sharpnut cryptantha	hairs short, Infl dense, flw w/ yellow centers, 4 nutlets	2	A	N	Herb
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
CRRE5	<i>Cryptantha recurvata</i>	Boraginaceae	Curvenut cryptantha	plt hairy; flw small; fruit recurved downward, 1-2 nutlets	2,3	A	N	Herb
CRYPT	<i>Cryptantha sp.</i>	Boraginaceae	Cryptantha/Forget-me-not		4,8		N	Herb
CRTO4	<i>Cryptantha torreyana</i>	Boraginaceae	Torrey's cryptantha	plt leggy, hairy; Infl compact in flw, open in fruit; 4 nutlets	7	A	N	Herb
CRVI5	<i>Cryptantha virginensis</i>	Boraginaceae	Virgin river cryptantha	plt leafy; Infl brached, flw w/ yellow centers; 1-4 nutlets	7	A	N	Herb
EMPE	<i>Emmenanthe penduliflora</i>	Boraginaceae	Whispering bells		2,7	A	N	Herb
HECU3	<i>Heliotropium curassavicum</i>	Boraginaceae	Salt heliotrope		1,2,3,4,5,6,7,8	P	N	Herb
HELIO3	<i>Heliotropium sp.</i>	Boraginaceae	Heliotrope		4			Herb
HECA7	<i>Hesperochiron californicus</i>	Boraginaceae	California hesperochiron	Lvs hairy; flw funnel to bell shaped	2,4,7	P	N	Herb
HEPU6	<i>Hesperochiron pumilus</i>	Boraginaceae	Dwarf hesperochiron	Lvs glabrous on lower surface; flw rotate	4	P	N	Herb
HESPE4	<i>Hesperochiron sp.</i>	Boraginaceae	Hesperochiron		7	P	N	Herb
MYSC	<i>Myosotis scorpioides</i>	Boraginaceae	Common forget-me-not		4,7	P	E	Herb
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
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
NADE3	<i>Nama depressum</i>	Boraginaceae	Narrow-leaved nama	Plt small; stm prostrate, forked; flw small white to pink	2,3	A	N	Herb
NARO	<i>Nama rothrockii</i>	Boraginaceae	Rothrock's fiddleleaf	Plt perennial; flt terminal heads	7	P	N	Herb
PEHE	<i>Pectocarya heterocarpa</i>	Boraginaceae	Chuckwalla combseed		7	A	N	Herb
PEPE26	<i>Pectocarya penicillata</i>	Boraginaceae	Sleeping combseed		3,4,8	A	N	Herb
PESE	<i>Pectocarya setosa</i>	Boraginaceae	Moth combseed		2,3	A	N	Herb

Inyo County Water Department Master Species List

January 23, 2013

SPECIES CODE	SPECIES	FAMILY	COMMON NAME	NAME CHANGES* OTHER NOTES	SOURCE CODE	Life Cycle	venet	Lifeform
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
PHBIB2	<i>Phacelia bicolor</i> var. <i>bicolor</i>	Boraginaceae	Sticky yellow-throats		1,2,4	A	N	Herb
PHCU	<i>Phacelia curvipes</i>	Boraginaceae	Washoe phacelia	Plt low; lvs entire; flw blue to violet, throat white	7	A	N	Herb
PHD1	<i>Phacelia distans</i>	Boraginaceae	Blue phacelia	Plt bushy to climbing in shrubs; flw blue, stamens exerted	2,7	A	N	Herb
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
PHIN4	<i>Phacelia inyoensis</i>	Boraginaceae	Inyo phacelia	Plt small, mat-like; flw yellow, down in foliage	2,3,4,7	A	N	Herb
PHRA	<i>Phacelia racemosa</i>	Boraginaceae	Racemose phacelia	Plt branching; lf comp, flts toothed or lobed; flw white to lav, stamens exerted	7	P	N	Herb
PHACE	<i>Phacelia</i> sp.	Boraginaceae	Phacelia		1,4	AP		Herb
PLAR	<i>Plagiobothrys arizonicus</i>	Boraginaceae	Arizona popcorn flower		2	A	N	Herb
PLCU2	<i>Plagiobothrys cusickii</i>	Boraginaceae	Cusick's popcorn flower		2	A	N	Herb
PLJO	<i>Plagiobothrys jonesii</i>	Boraginaceae	Jones' popcorn flower		2	A	N	Herb
PLKIH	<i>Plagiobothrys kingii</i> var. <i>harknessii</i>	Boraginaceae	Harkness' popcorn flower		2	A	N	Herb
PLPA	<i>Plagiobothrys parishii</i>	Boraginaceae	Parish's popcornflower		2,5,7	A	N	Herb
* PLSCC	<i>Plagiobothrys scouleri</i> var. <i>cusickii</i>	Boraginaceae	Cusick's popcorn flower	<i>Plagiobothrys cusickii</i>	2	A	N	Herb
PLAG1	<i>Plagiobothrys</i> sp.	Boraginaceae	Popcornflower		7			Herb
TINU2	<i>Tiquilia nuttallii</i>	Boraginaceae	Nuttall's crinklemat		1,2,3,4,7,8	A	N	Herb
TIQUI	<i>Tiquilia</i> sp.	Boraginaceae	Crinklemat		4,8			N Herb
TRWA2	<i>Tricardia watsonii</i>	Boraginaceae	Three hearts		2,4	P	N	Herb
* ARPU2	<i>Arabis pulchra</i>	Brassicaceae	Beautiful rockcress	<i>Boecheira pulchra</i>	7	P	N	Herb
* ARSP	<i>Arabis sparsiflora</i>	Brassicaceae	Sicklepod rockcress	<i>Boecheira sparsiflora</i>	8	P	N	Herb
* ARSPA	<i>Arabis sparsiflora</i> var. <i>arcuata</i>	Brassicaceae	Arching rockcress	<i>Boecheira arcuata</i>	2	P	N	Herb
BAOR	<i>Barbarea orthoceras</i>	Brassicaceae	American yellow rocket		7	BP	N	Herb
BOAR4	<i>Boecheira arcuata</i>	Brassicaceae	Arching rockcress		2	P	N	Herb
BOPU3	<i>Boecheira pulchra</i>	Brassicaceae	Beautiful rockcress		7	P	N	Herb
BOSP7	<i>Boecheira sparsiflora</i>	Brassicaceae	Sicklepod rockcress		8	P	N	Herb
CABU2	<i>Capsella bursa-pastoris</i>	Brassicaceae	Shepherd's purse		6,7	A	E	Herb
* 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
* CAPU6	<i>Cardaria pubescens</i>	Brassicaceae	Hoary cress	<i>Lepidium appelianum</i> ; sepals & fruit hairy	1,2,4,7,8	P	E	Herb
CARDA2	<i>Cardaria</i> sp.	Brassicaceae	White top/Hoary cress		4,7	P	E	Herb
CACO18	<i>Caulanthus cooperi</i>	Brassicaceae	Cooper's caulanthus		2	A	N	Herb
CALA35	<i>Caulanthus lasiophyllus</i>	Brassicaceae	California mustard		2	A	N	Herb
CAP14	<i>Caulanthus pilosus</i>	Brassicaceae	Chocolate drops		7	A	N	Herb
CAULA	<i>Caulanthus</i> sp.	Brassicaceae	Jewelflower		1	AP		N Herb
DECA6	<i>Descurainia californica</i>	Brassicaceae	Sierra tansy mustard		7	A	N	Herb
DEPA14	<i>Descurainia paradisica</i>	Brassicaceae	Paradise tansy mustard		3,4,7	A	N	Herb
DEPI	<i>Descurainia pinnata</i>	Brassicaceae	Pinnate tansy mustard		1,2,3,4,6,7,8	A	N	Herb
DEPIG	<i>Descurainia pinnata</i> ssp. <i>glabra</i>	Brassicaceae	Western tansy mustard		2	A	N	Herb
DESO2	<i>Descurainia sophia</i>	Brassicaceae	Flixweed tansy mustard		2,4,6,7,8	AB	E	Herb
DESCU	<i>Descurainia</i> sp.	Brassicaceae	Tansy mustard		4	AB		Herb
ERCA14	<i>Erysimum capitatum</i>	Brassicaceae	Western wallflower		7	BP	N	Herb
* GULA4	<i>Guillenia lasiophylla</i>	Brassicaceae	California mustard	<i>Caulanthus lasiophyllus</i>	2	A	N	Herb
HOPR4	<i>Hornungia procumbens</i>	Brassicaceae	Meadow mustard		4,5,7	A	E	Herb
* HUPR	<i>Hutchinsia procumbens</i>	Brassicaceae	Meadow mustard	<i>Hornungia procumbens</i>	4,5,7	A	E	Herb
LEAP7	<i>Lepidium appelianum</i>	Brassicaceae	Hoary cress		1,2,4,7,8	P	E	Herb
LEDED	<i>Lepidium densiflorum</i> var. <i>densiflorum</i>	Brassicaceae	Common pepperweed		4	A	N	Herb
LEDI2	<i>Lepidium dictyotum</i>	Brassicaceae	Alkali pepperweed		4	A	N	Herb
LEDR	<i>Lepidium draba</i>	Brassicaceae	Heart-podded hoary cress		8	P	E	Herb
LEFL2	<i>Lepidium flavum</i>	Brassicaceae	Yellow peppergrass		1,2,3,4,7,8	A	N	Herb
LEFLF2	<i>Lepidium flavum</i> var. <i>flavum</i>	Brassicaceae	Yellow peppergrass			A	N	Herb

Inyo County Water Department Master Species List

January 23, 2013

SPECIES CODE	SPECIES	FAMILY	COMMON NAME	NAME CHANGES* OTHER NOTES	SOURCE CODE	Life Cycle	Life Form
LEFR2	<i>Lepidium fremontii</i>	Brassicaceae	Desert alyssum		1,2,3,4,7	P	N Shrub
LELA	<i>Lepidium lasiocarpum</i>	Brassicaceae	Shaggyfruit peppergrass		8	A	N Herb
LELAL	<i>Lepidium lasiocarpum</i> ssp. <i>lasiocarpum</i>	Brassicaceae	Modest peppergrass		6	A	N Herb
LELA2	<i>Lepidium latifolium</i>	Brassicaceae	Perennial pepperweed		1,4,6,7,8	P	E Herb
LEPE2	<i>Lepidium perfoliatum</i>	Brassicaceae	Shield cress		2,4	A	E Herb
LEPID	<i>Lepidium</i> sp.	Brassicaceae	Peppergrass/Pepperweed		1,4,6,8		
LEPIDa	<i>Lepidium</i> sp. Annual	Brassicaceae	Peppergrass annual		4	A	Herb
LEVI3	<i>Lepidium virginicum</i>	Brassicaceae	Virginia pepperweed		8	A	N
LEVIM2	<i>Lepidium virginicum</i> ssp. <i>menziesii</i>	Brassicaceae	Tall peppergrass		2,5	A	N Herb
LEVIV2	<i>Lepidium virginicum</i> ssp. <i>virginicum</i>	Brassicaceae	Virginia pepperweed		4,8	A	E Herb
* 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
* MAAF	<i>Malcolmia africana</i>	Brassicaceae	African mustard	<i>Strigosella africana</i>	7	A	E Herb
NAOF	<i>Nasturtium officinale</i>	Brassicaceae	Water cress		2,4,5,7	P	N Herb
* NASI	<i>Nasturtium sinuatum</i>	Brassicaceae	Spreading yellow cress	<i>Rorippa sinuata</i>	8	P	N Herb
* 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
* RONA2	<i>Rorippa nasturtium-aquaticum</i>	Brassicaceae	Water cress	<i>Nasturtium officinale</i>	2,4,5,7	P	N Herb
* 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
ROPAP	<i>Rorippa palustris</i> var. <i>palustris</i>	Brassicaceae	Western bog yellow cress		2,3	ABP	N Herb
ROSI2	<i>Rorippa sinuata</i>	Brassicaceae	Spreading yellow cress		2,4,8	P	N Herb
SIAL2	<i>Sisymbrium altissimum</i>	Brassicaceae	Tall tumble mustard		2,4,5,6,7,8	A	E Herb
SIIR	<i>Sisymbrium irio</i>	Brassicaceae	London rocket		7	A	E Herb
SIOF	<i>Sisymbrium officinale</i>	Brassicaceae	Hedge mustard		2	A	E Herb
STEL	<i>Stanleya elata</i>	Brassicaceae	Desert mountain prince's plume		7	P	N Herb
STPI	<i>Stanleya pinnata</i>	Brassicaceae	Desert prince's plume		1,2,4,7	P	N Shrub
STPII2	<i>Stanleya pinnata</i> var. <i>inyoensis</i>	Brassicaceae	Inyo prince's plume		2	P	N Shrub
STANL	<i>Stanleya</i> sp.	Brassicaceae	Prince's plume		4	P	N Shrub/Herb
STLO4	<i>Streptanthella longirostris</i>	Brassicaceae	Longbeak streptanthella		2,3,4	A	N Herb
STREP2	<i>Streptanthus</i> sp.	Brassicaceae	Jewelflower		0		N Herb
STAF5	<i>Strigosella africana</i>	Brassicaceae	African mustard		7	A	E Herb
THCR	<i>Thelypodium crispum</i>	Brassicaceae	Crisped thelypody		2,4,7	AB	N Herb
THIN	<i>Thelypodium integrifolium</i>	Brassicaceae	Tall thelypodium		7	B	N Herb
THINA	<i>Thelypodium integrifolium</i> ssp. <i>affine</i>	Brassicaceae	White tall thelypodium	flowers white	2,4,5,7	B	N Herb
THINC	<i>Thelypodium integrifolium</i> ssp. <i>complanatum</i>	Brassicaceae	Purple tall thelypodium	flowers purple or lavender	8	B	N Herb
* THLAU	<i>Thelypodium lasiophyllum</i> var. <i>utahense</i>	Brassicaceae	California mustard	<i>Caulanthus lasiophyllus</i>	2	A	N Herb
THELY	<i>Thelypodium</i> sp.	Brassicaceae	Thelypody		4		N Herb
THAR5	<i>Thlaspi arvense</i>	Brassicaceae	Field penny-cress		7	A	E Herb
THCU	<i>Thysanocarpus curvipes</i>	Brassicaceae	Sand fringe-pod		2,4	A	N Herb
THYSA	<i>Thysanocarpus</i> sp.	Brassicaceae	Fringe-pod		4	A	Herb
CYEC3	<i>Cylindropuntia echinocarpa</i>	Cactaceae	Silver cholla /Golden cholla		2,4	P	N Shrub
OPBA2	<i>Opuntia basilaris</i>	Cactaceae	Beavertail cactus		2,4	P	N Shrub
* OPEC	<i>Opuntia echinocarpa</i>	Cactaceae	Silver cholla /Golden cholla	<i>Cylindropuntia echinocarpa</i>	2,4	P	N Shrub
OPUNT	<i>Opuntia</i> sp.	Cactaceae	Prickly pear		1,2	P	N Shrub
* NEGLO	<i>Nemacladus glanduliferus</i> var. <i>orientalis</i>	Campanulaceae	Glandular threadstem	<i>Nemacladus orientalis</i>	2	A	N Herb
NEOR	<i>Nemacladus orientalis</i>	Campanulaceae	Glandular threadstem		2	A	N Herb
NERU	<i>Nemacladus rubescens</i>	Campanulaceae	Pretty threadstem		2	A	N Herb
NESI	<i>Nemacladus sigmoideus</i>	Campanulaceae	Inyo threadstem		2	A	N Herb
CERE2	<i>Celtis reticulata</i>	Cannabaceae	Western hackberry		2	P	N Shrub
LOJA	<i>Lonicera japonica</i>	Caprifoliaceae	Japanese honeysuckle		7	P	E Shrub
* SYOR2	<i>Symphoricarpos oreophilus</i>	Caprifoliaceae	Mountain snowberry	<i>Symphoricarpos rotundifolius</i> var. <i>rotundifolius</i> ; Listed in IMFLORA, not in JEPS	0	P	N Shrub

Inyo County Water Department Master Species List

January 23, 2013

SPECIES CODE	SPECIES	FAMILY	COMMON NAME	NAME CHANGES* OTHER NOTES	SOURCE CODE	Life Cycle	venal	Lifeform
* SYROO	<i>Symphoricarpos rotundifolius</i> var. <i>oreophilus</i>	Caprifoliaceae	Mountain snowberry	<i>Symphoricarpos rotundifolius</i> var. <i>rotundifolius</i> ; <i>S. r.</i> var. <i>oreophilus</i> not in JEPS	7	P	N	Shrub
SYROO	<i>Symphoricarpos rotundifolius</i> var. <i>rotundifolius</i>	Caprifoliaceae	Mountain snowberry		0,7	P	N	Shrub
CEFO2	<i>Cerastium fontanum</i>	Caryophyllaceae	Mouse-ear chickweed		7	P	E	Herb
* 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
CEFOV2	<i>Cerastium fontanum</i> ssp. <i>vulgare</i>	Caryophyllaceae	Mouse-ear chickweed		2	P	E	Herb
* CEVU	<i>Cerastium vulgatum</i>	Caryophyllaceae	Big chickweed	<i>Cerastium fontanum</i> ssp. <i>vulgare</i>	2	P	E	Herb
DIDED	<i>Dianthus deltooides</i> ssp. <i>deltoides</i>	Caryophyllaceae	Maiden pink		7	P	E	Herb
LOSQ	<i>Loeflingia squarrosa</i>	Caryophyllaceae	Sage-like loeflingia		4	A	N	Herb
* LOSQA	<i>Loeflingia squarrosa</i> var. <i>artemisiarum</i>	Caryophyllaceae	Sage-like loeflingia	<i>Loeflingia squarrosa</i>	4	A	N	Herb
SILEN	<i>Silene</i> sp.	Caryophyllaceae	Catchfly		8	ABP		Herb
SPMA2	<i>Spergularia marina</i>	Caryophyllaceae	Sand spurrey		2	A	N	Herb
STLO2	<i>Stellaria longipes</i>	Caryophyllaceae	Longstalk starwort		7	P	N	Herb
STME2	<i>Stellaria media</i>	Caryophyllaceae	Common chickweed		2	A	E	Herb
CEDE4	<i>Ceratophyllum demersum</i>	Ceratophyllaceae	Coon's tail		2,7	P	N	Herb
ALOC2	<i>Allenrolfea occidentalis</i>	Chenopodiaceae	Iodine bush		1,2,3,4,5,6,7,8	P	N	Shrub
AATRIP	<i>Atriplex</i> (annual)	Chenopodiaceae	Annual atriplex		1,4,6	A		Herb
* ATARE	<i>Atriplex argentea</i> ssp. <i>expansa</i>	Chenopodiaceae	Mohave silverscale	<i>Atriplex argentea</i> var. <i>expansa</i>	2		N	
ATARE2	<i>Atriplex argentea</i> var. <i>expansa</i>	Chenopodiaceae	Mohave silverscale	herb, stms erect; lvs gray, oft curved toward stem, low opp	2	A	N	Herb
* ATARM2	<i>Atriplex argentea</i> var. <i>mohavensis</i>	Chenopodiaceae	Mohave silverscale	<i>Atriplex argentea</i> var. <i>expansa</i>	2	A	N	Herb
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
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
ATCO12	<i>Atriplex covillei</i>	Chenopodiaceae	Arrowscale	herb; succulent leaves; often in desert sink	2,3,4,5,6,7,8	A	N	Herb
* ATHE	<i>Atriplex heterosperma</i>	Chenopodiaceae	Twoscale	<i>Atriplex micrantha</i>	7	A	E	Herb
ATHY	<i>Atriplex hymenelytra</i>	Chenopodiaceae	Desert holly	shrub; lvs serrated (holly-like), very silvery	2	P	N	Shrub
* ATLET2	<i>Atriplex lentiformis</i> ssp. <i>torreyi</i>	Chenopodiaceae	Nevada saltbush/ Torrey's saltbush	<i>Atriplex torreyi</i>	1,2,3,4,5,6,7	P	N	Shrub
ATMI2	<i>Atriplex micrantha</i>	Chenopodiaceae	Twoscale	herb; stems erect, striate green; lvs green, triang, lower opp	7	A	E	Herb
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
* ATPAH	<i>Atriplex patula</i> ssp. <i>hastata</i>	Chenopodiaceae	Spearscale	<i>Atriplex prostrata</i>	1,2,3,4,5	A	E	Herb
* 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
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
ATPR	<i>Atriplex prostrata</i>	Chenopodiaceae	Spearscale	herb; lvs dark green, w/ pointed lobes at base; wet places	1,2,3,4,5	A	E	Herb
ATRO	<i>Atriplex rosea</i>	Chenopodiaceae	Tumbling oracle	herb; lvs coarse, toothed & wavy, turning red	5,7	A	E	Herb
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
ATRIP	<i>Atriplex</i> sp.	Chenopodiaceae	Saltbush/Scale		0,7			
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
* ATTR2	<i>Atriplex triangularis</i>	Chenopodiaceae	Spearscale	<i>Atriplex prostrata</i>	1,2,4,5,6	A	E	Herb
ATTR	<i>Atriplex truncata</i>	Chenopodiaceae	Wedgescale	herb; blue-gray annual; usually in meadows	2,3,4,7,8	A	N	Herb
BAHY	<i>Bassia hyssopifolia</i>	Chenopodiaceae	Fivehook bassia		1,2,3,4,5,6,7,8	A	E	Herb
* CELA4	<i>Ceratoides lanata</i>	Chenopodiaceae	Winterfat	<i>Krascheninnikovia lanata</i>	1,2,3,4	P	N	Shrub
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
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
* CHBO2	<i>Chenopodium botrys</i>	Chenopodiaceae	Jerusalem-oak	<i>Dysania botrys</i> ; glandular, strong smelling, lf ovate to elliptic, lwr wavy to pin lobed upr entire 2	7	A	E	Herb
CHDE	<i>Chenopodium desiccatum</i>	Chenopodiaceae	Aridland goosefoot	open places, lvs oblong to elliptic, powdery below, fleshy	7	A	N	Herb
* CHDEL	<i>Chenopodium desiccatum</i> var. <i>leptophylloides</i>	Chenopodiaceae	Dryland goosefoot	<i>Chenopodium pratericola</i>	2	A	N	Herb
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
CHGL3	<i>Chenopodium glaucum</i>	Chenopodiaceae	Gray pigweed	If oblong to ovate, dnsly powdery below, entire to toothed	2	A	E	Herb
CHHI	<i>Chenopodium hians</i>	Chenopodiaceae	Hians goosefoot	If lanceolate to elliptic, powdery below, glabrous above	8	A	N	Herb
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
CHINO	<i>Chenopodium incanum</i> var. <i>occidentalis</i>	Chenopodiaceae	Mealy goosefoot		7	A	N	Herb

Inyo County Water Department Master Species List

January 23, 2013

SPECIES CODE	SPECIES	FAMILY	COMMON NAME	NAME CHANGES* OTHER NOTES	SOURCE CODE	Life Cycle	Life Cycle	Life Cycle
CHLE4	<i>Chenopodium leptophyllum</i>	Chenopodiaceae	Narrowleaf goosefoot	If linear to thin lanceolate, dense powdery below, less above	8	A	N	Herb
CHMU2	<i>Chenopodium murale</i>	Chenopodiaceae	Garden goosefoot	If ovate to deltate, shiny dk green above, sparsely powdry below	5	A	E	Herb
CHNE4	<i>Chenopodium nevadense</i>	Chenopodiaceae	Nevada goosefoot	plts much brchd, lf- lower ovate-diamond upper elliptic, usly entire, powdry esp below	2	A	N	Herb
CHPR5	<i>Chenopodium pratericola</i>	Chenopodiaceae	Desert goosefoot	If nar elliptic to lanceolate, lower lvs gen 1-2 lobes/teeth, dnsly powdry below	2,7	A	N	Herb
* CHPU	<i>Chenopodium pumilio</i>	Chenopodiaceae	Australian goosefoot	<i>Dysphania pumilio</i> ; If lanceolate to ovate, pinately toothed to lobed, gray gland below	2	A	E	Herb
CHRU	<i>Chenopodium rubrum</i>	Chenopodiaceae	Red goosefoot	If lanceolate to wide ovate, toothed, glabrous above, w/ red flush	7	A	N	Herb
CHSI2	<i>Chenopodium simplex</i>	Chenopodiaceae	Mapleleaf goosefoot	If ovate to deltate, 3-5 wavy lobes, base truncate to cordate	8	A	N	Herb
CHENO	<i>Chenopodium sp.</i>	Chenopodiaceae	Goosefoot		1,4,6,7,8			Herb
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
DYPU	<i>Dysphania pumilio</i>	Chenopodiaceae	Australian goosefoot	If lanceolate to ovate, pinately toothed to lobed, gray gland below	2	A	E	Herb
GRSP	<i>Grayia spinosa</i>	Chenopodiaceae	Spiny hopsage		1,2,3,4,6,7,8	P	N	Shrub
HAGL	<i>Halogeton glomeratus</i>	Chenopodiaceae	Halogeton		2,4,8	A	E	Herb
KOAM	<i>Kochia americana</i>	Chenopodiaceae	Green molly		1,2,4,6	P	N	Shrub
KOSC	<i>Kochia scoparia</i>	Chenopodiaceae	Burningbush/Common kochia		4,6	A	E	Herb
KOCHI	<i>Kochia sp.</i>	Chenopodiaceae	Molly/Kochia		4			
KRLA2	<i>Krascheninnikovia lanata</i>	Chenopodiaceae	Winterfat		1,2,3,4,8	P	N	Shrub
MONU	<i>Monolepis nuttalliana</i>	Chenopodiaceae	Nuttall's poverty weed		2,3	A	N	Herb
* SAIB	<i>Salsola iberica</i>	Chenopodiaceae	Tumbleweed/Russian-thistle	<i>Salsola tragus</i>	1,3,4,7	A	E	Herb
* SAKAT6	<i>Salsola kali var. tenuifolia</i>	Chenopodiaceae	Tumbleweed/Russian-thistle	<i>Salsola tragus</i>	1,4,6	A	E	Herb
SAPA8	<i>Salsola pauciflora</i>	Chenopodiaceae	Barbwire Russian thistle		2,5,6,7	A	E	Herb
SATR12	<i>Salsola tragus</i>	Chenopodiaceae	Tumbleweed/Russian-thistle		1,3,4,8	A	E	Herb
SUCA2	<i>Suaeda calceoliformis</i>	Chenopodiaceae	Low inkweed/Horned sea-bite		5	A	N	Herb
* SUMO	<i>Suaeda moquinii</i>	Chenopodiaceae	Bush inkweed	<i>Suaeda nigra</i>	1,2,3,4,5,6,7,8	P	N	Shrub
SUNI	<i>Suaeda nigra</i>	Chenopodiaceae	Bush inkweed		1,2,3,4,5,6,7,8	P	N	Shrub
SUAED	<i>Suaeda sp.</i>	Chenopodiaceae	Seepweed		1	P	N	Shrub/Herb
* SUTO	<i>Suaeda torreyana</i>	Chenopodiaceae	Bush inkweed	<i>Suaeda nigra</i>	1,2,3,4,5,6	P	N	Shrub
CASP34	<i>Carsonia sparsifolia</i>	Cleomaceae	Few-leaved spiderflower		2	A	N	Herb
CLEOM?	Cleom? (not sure)	Cleomaceae			4	A		Herb
* CLLU2	<i>Cleome lutea</i>	Cleomaceae	Yellow bee plant	<i>Peritoma lutea</i>	1,2,4,5,6,7,8	A	N	Herb
* CLPL	<i>Cleome platycarpa</i>	Cleomaceae	Golden bee plant	<i>Peritoma platycarpa</i>	4	A	N	Herb
CLEOM	<i>Cleome sp.</i>	Cleomaceae	Bee plant/Spiderflower		4	A		Herb
* CLSP2	<i>Cleome sparsifolia</i>	Cleomaceae	Few-leaved spiderflower	<i>Carsonia sparsifolia</i>	2	A	N	Herb
CLBR2	<i>Cleomella brevipes</i>	Cleomaceae	Little stinkweed	plant small, leaves fleshy, flowers in leaf axils	2,3,4,7	A	N	Herb
CLOB	<i>Cleomella obtusifolia</i>	Cleomaceae	Mojave stinkweed	plant bushy, flowers not above foliage	2,3,4,5,7,8	A	N	Herb
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
CLPL2	<i>Cleomella plocasperma</i>	Cleomaceae	Twisted cleomella	stem branched above, fruit stem 6-10 mm	1,2,3,4,8	A	N	Herb
CLEOM2	<i>Cleomella sp.</i>	Cleomaceae	Cleomella/Stinkweed		1,4,8	A	N	Herb
PELU5	<i>Peritoma lutea</i>	Cleomaceae	Yellow bee plant		1,2,4,5,6,7,8	A	N	Herb
PEPL10	<i>Peritoma platycarpa</i>	Cleomaceae	Golden bee plant		4	A	N	Herb
CALO12	<i>Calystegia longipes</i>	Convolvulaceae	Bush morning-glory		2,6,7	P	N	Shrub/Herb
CALYS	<i>Calystegia sp.</i>	Convolvulaceae	Wild morning glory		4	P		Shrub/Herb
COAR4	<i>Convolvulus arvensis</i>	Convolvulaceae	Field bindweed		2,4,6,7,8	P	E	Herb
CONVO	<i>Convolvulus sp.</i>	Convolvulaceae	Morning glory/Bindweed		4,6			E
CRTR5	<i>Cressa truxillensis</i>	Convolvulaceae	Spreading alkali weed		2,4,5,6,7	P	N	Herb
CUCA	<i>Cuscuta californica</i>	Convolvulaceae	California dodder		2,3	A	N	Herb
* CUCAB	<i>Cuscuta californica var. breviflora</i>	Convolvulaceae	Pale dodder	<i>Cuscuta occidentalis</i>	2	A	N	Herb
CUCA2	<i>Cuscuta campestris</i>	Convolvulaceae	Fiveangled dodder		7	A	N	Herb
CUDE2	<i>Cuscuta denticulata</i>	Convolvulaceae	Desert dodder		2	A	N	Herb
CUIN	<i>Cuscuta indecora</i>	Convolvulaceae	Pretty dodder		2,3,7	A	N	Herb

Inyo County Water Department Master Species List

January 23, 2013

SPECIES CODE	SPECIES	FAMILY	COMMON NAME	NAME CHANGES* OTHER NOTES	SOURCE CODE	Life Cycle	Lifeform
* CUOC	<i>Cuscuta occidentalis</i>	Convolvulaceae	Chaparral dodder		7	A N	Herb
* CUPE3	<i>Cuscuta pentagona</i>	Convolvulaceae	Fiveangled dodder	<i>Cuscuta campestris</i>	7	A N	Herb
CUSA	<i>Cuscuta salina</i>	Convolvulaceae	Marsh dodder		2	A N	Herb
CUSCU	<i>Cuscuta</i> sp.	Convolvulaceae	Dodder		1,4,6,7,8	A	Herb
CUSU4	<i>Cuscuta subinclusa</i>	Convolvulaceae	Canyon dodder		7	A N	Herb
* CUSUB	<i>Cuscuta suksdorfii</i> var. <i>breviflora</i>	Convolvulaceae	Pale dodder	<i>Cuscuta occidentalis</i>	2	A N	Herb
DAGL2	<i>Datisca glomerata</i>	Datisceae	Durango root		2,4,7	P N	Herb
ELAN	<i>Elaeagnus angustifolia</i>	Elaeagnaceae	Russian olive		1,2,3,4,5,7,8	P E	Shrub
SHAR	<i>Shepherdia argentea</i>	Elaeagnaceae	Silver buffalo berry		7	P N	Shrub
CHAL11	<i>Chamaesyce albomarginata</i>	Euphorbiaceae	Rattlesnake weed		2	P N	Herb
CHMA15	<i>Chamaesyce maculata</i>	Euphorbiaceae	Spotted spurge		2,4	A E	Herb
CHAMA15	<i>Chamaesyce</i> sp.	Euphorbiaceae	Spurge		4	AP	Herb
CHVA4	<i>Chamaesyce vallis-mortae</i>	Euphorbiaceae	Death Valley spurge		2	P N	Herb
* EUAL4	<i>Euphorbia albomarginata</i>	Euphorbiaceae	Rattlesnake weed	<i>Chamaesyce albomarginata</i>	2	P N	Herb
EUPHO	<i>Euphorbia</i> sp.	Euphorbiaceae	Spurge		0,4		
* EUSU	<i>Euphorbia supina</i>	Euphorbiaceae	Spotted spurge	<i>Chamaesyce maculata</i>	2,4	A E	Herb
* EUVA	<i>Euphorbia vallis-mortae</i>	Euphorbiaceae	Death Valley spurge	<i>Chamaesyce vallis-mortae</i>	2	P N	Herb
ACAM4	<i>Acmispon americanum</i>	Fabaceae	American bird's-foot trefoil		4,7	A N	Herb
ACST9	<i>Acmispon stringosus</i>	Fabaceae	Stiff-haired trefoil		2	A N	Herb
ASAC3	<i>Astragalus acutirostris</i>	Fabaceae	Keel beak milkvetch		4	A N	Herb
ASAR4	<i>Astragalus argophyllus</i>	Fabaceae	Silverleaf milkvetch		4	P N	Herb
ASARA	<i>Astragalus argophyllus</i> var. <i>argophyllus</i>	Fabaceae	Silverleaf milkvetch		4,3	P N	Herb
ASCA14	<i>Astragalus casei</i>	Fabaceae	Case milkvetch		2,4	P N	Herb
ASGE	<i>Astragalus geyeri</i>	Fabaceae	Geyer's milkvetch		2	A N	Herb
ASIN8	<i>Astragalus inyoensis</i>	Fabaceae	Inyo milkvetch		2	P N	Herb
ASLE8	<i>Astragalus lentiginosus</i>	Fabaceae	Specklepod milkvetch		1,4	AP N	Herb
ASLEA	<i>Astragalus lentiginosus</i> var. <i>albifolius</i>	Fabaceae	White-leaved milkvetch		2,7	AP N	Herb
ASLEF2	<i>Astragalus lentiginosus</i> var. <i>fremontii</i>	Fabaceae	Fremont's milkvetch		2,4	AP N	Herb
ASLEP	<i>Astragalus lentiginosus</i> var. <i>piscinensis</i>	Fabaceae	Fish Slough milkvetch		4	AP N	Herb
ASLEU?	<i>Astragalus lentiginosus</i> var. <i>undescribed</i>	Fabaceae			5	AP N	Herb
ASLEV	<i>Astragalus lentiginosus</i> var. <i>variabilis</i>	Fabaceae	Specklepod milkvetch		2	AP N	Herb
ASSE3	<i>Astragalus sepultipes</i>	Fabaceae	Lone Pine milkvetch		2	P N	Herb
ASTRA	<i>Astragalus</i> sp.	Fabaceae	Milkvetch/Locoweed		1,4,8		Herb
* DAFR4	<i>Dalea fremontii</i>	Fabaceae	Fremont's indigo bush	<i>Psoralea fremontii</i>	2	P N	Shrub
* DAFRS	<i>Dalea fremontii</i> var. <i>saundersii</i>	Fabaceae	Mojave indigo bush	<i>Psoralea arborescens</i> var. <i>arborescens</i>	2	P N	Shrub
* DAPO4	<i>Dalea polydenia</i>	Fabaceae	Dotted dalea	<i>Psoralea polydenia</i>	1,2,4	P N	Shrub
GLGL	<i>Glycyrrhiza glabra</i>	Fabaceae	Cultivated licorice		4	P E	Herb
GLLE3	<i>Glycyrrhiza lepidota</i>	Fabaceae	American licorice		1,2,4,6,7,8	P N	Herb
* GLLEG	<i>Glycyrrhiza lepidota</i> var. <i>glutinosa</i>	Fabaceae	American licorice	<i>Glycyrrhiza lepidota</i> ; var. <i>glutinosa</i> not in Jepson	3,5	P N	Herb
HOOB2	<i>Hosackia oblongifolia</i>	Fabaceae	Streambank bird's-foot trefoil		7	P N	Herb
HOOB2	<i>Hosackia oblongifolia</i> var. <i>oblongifolia</i>	Fabaceae	Streambank bird's-foot trefoil		2,5	P N	Herb
LALA3	<i>Lathyrus lanszwertii</i>	Fabaceae	Nevada pea		7	P N	Herb
LALAL2	<i>Lathyrus lanszwertii</i> var. <i>lanszwertii</i>	Fabaceae	Lanszwert's pea		7	P N	Herb
LATHY	<i>Lathyrus</i> sp.	Fabaceae	Wild pea		7		Herb
LOCO6	<i>Lotus corniculatus</i>	Fabaceae	Birdsfoot trefoil		1,2,4,5,6,7,8	P E	Herb
* LOOB2	<i>Lotus oblongifolius</i>	Fabaceae	Streambank bird's-foot trefoil	<i>Hosackia oblongifolia</i>	7	P N	Herb
* LOOB2	<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
* LOPU3	<i>Lotus purshianus</i>	Fabaceae	American bird's-foot trefoil	<i>Acmispon americanum</i>	4,7	A N	Herb
LOTUS	<i>Lotus</i> sp.	Fabaceae	Trefoil		1,4,7		Herb

Inyo County Water Department Master Species List

January 23, 2013

SPECIES CODE	SPECIES	FAMILY	COMMON NAME	NAME CHANGES* OTHER NOTES	SOURCE CODE	Life Cycle	juv	venal	Lifeform
* LOST4	<i>Lotus strigosus</i>	Fabaceae	Stiff-haired trefoil	<i>Acemispou stringosus</i>	2	A	N		Herb
* LOSTH	<i>Lotus strigosus</i> var. <i>hirtellus</i>	Fabaceae	Stiff-haired lotus	<i>Acemispou stringosus</i>	2	A	N		Herb
LUAR6	<i>Lupinus arbustus</i>	Fabaceae	Longspur lupine		7	P	N		Herb
LUARP3	<i>Lupinus argenteus</i> var. <i>palmeri</i>	Fabaceae	Bluebonnet lupine		7	P	N		Herb
LUBR2	<i>Lupinus brevicaulis</i>	Fabaceae	Sand lupine		4	A	N		Herb
LUEX	<i>Lupinus excubitus</i>	Fabaceae	Inyo bush lupine/Grape soda lupine		1,2,4,7	P	N		Shrub
LUEXE	<i>Lupinus excubitus</i> var. <i>excubitus</i>	Fabaceae	Inyo bush lupine/Grape soda lupine		7	P	N		Shrub
LUFL	<i>Lupinus flavoculatus</i>	Fabaceae	Yellow-eyes		2	A	N		Herb
LUGR2	<i>Lupinus grayii</i>	Fabaceae	Sierra lupine		7	P	N		Herb
* LULEC4	<i>Lupinus lepidus</i> ssp. <i>confertus</i>	Fabaceae	Crowded lupine	<i>Lupinus lepidus</i> var. <i>confertus</i>	7	P	N		Herb
LULEC6	<i>Lupinus lepidus</i> var. <i>confertus</i>	Fabaceae	Crowded lupine		7	P	N		Herb
LUOD	<i>Lupinus odoratus</i>	Fabaceae	Mojave lupine		2,3,4	A	N		Herb
LUP02	<i>Lupinus polyphyllus</i>	Fabaceae	Bigleaf lupine		7	P	N		Herb
LUP0B3	<i>Lupinus polyphyllus</i> var. <i>burkei</i>	Fabaceae	Burke's bigleaf lupine		7	P	N		Herb
LUPR	<i>Lupinus pratensis</i>	Fabaceae	Inyo meadow lupine		7	P	N		Herb
LUPU12	<i>Lupinus pusillus</i> var. <i>intermontanus</i>	Fabaceae	Intermountain lupine		2	A	N		Herb
LUSH	<i>Lupinus shockleyi</i>	Fabaceae	Shockley's lupine		2	A	N		Herb
LUPIN	<i>Lupinus</i> sp.	Fabaceae	Lupine		1,7,8				N
* MEH1	<i>Medicago hispida</i>	Fabaceae	Common burclover	<i>Medicago polymorpha</i>	1	A	E		Herb
MELU	<i>Medicago lupulina</i>	Fabaceae	Black medick		5,6,7	A	E		Herb
MEPO3	<i>Medicago polymorpha</i>	Fabaceae	Common burclover		1	A	E		Herb
MESA	<i>Medicago sativa</i>	Fabaceae	Alfalfa		1,2,4,6,8	AP	E		Herb
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
MEAL2	<i>Melilotus albus</i>	Fabaceae	White sweetclover	flw white; fru w/ network of lines, not bumpy or ridged	1	A	E		Herb
* MEIN14	<i>Melilotus indica</i>	Fabaceae	Annual yellow sweetclover	<i>Melilotus indicus</i> ; flw yellow < 3mm, fru bumpy	7	A	E		Herb
MEIN2	<i>Melilotus indicus</i>	Fabaceae	Annual yellow sweetclover	flw yellow < 3mm, fru bumpy	7	A	E		Herb
* MELE6	<i>Melilotus leucanthus</i>	Fabaceae	White sweetclover	<i>Melilotus albus</i>	8	A	E		Herb
* MELU6	<i>Melilotus lutea</i>	Fabaceae	Yellow sweetclover	<i>Melilotus officinalis</i>	7	AB	E		Herb
MEOF	<i>Melilotus officinalis</i>	Fabaceae	Yellow sweetclover	flw yellow 4-7mm, fru cross-ridged	1,4,6	AB	E		Herb
MELIL	<i>Melilotus</i> sp.	Fabaceae	Sweetclover		8	AB	E		Herb
PRPU	<i>Prosopis pubescens</i>	Fabaceae	Screw-bean mesquite		2,4,7	P	N		Shrub
PSAR4	<i>Psoralethamnus arborescens</i>	Fabaceae	Mojave indigo bush		8	P	N		Shrub
PSARA	<i>Psoralethamnus arborescens</i> var. <i>arborescens</i>	Fabaceae	Mojave indigo bush		2	P	N		Shrub
PSARM	<i>Psoralethamnus arborescens</i> var. <i>minutifolius</i>	Fabaceae	Northern Mojave indigo bush		1,3,4,8	P	N		Shrub
PSFR	<i>Psoralethamnus fremontii</i>	Fabaceae	Fremont's indigo bush		2	P	N		Shrub
PSPO	<i>Psoralethamnus polydenius</i>	Fabaceae	Dotted dalea		1,3,4,8	P	N		Shrub
RONE	<i>Robinia neomexicana</i>	Fabaceae	Desert locust		7	P	E		Shrub
ROPS	<i>Robinia pseudoacacia</i>	Fabaceae	Black locust		1,2,3,4,6,7,8	P	E		Shrub
ROBIN	<i>Robinia</i> sp.	Fabaceae	Locust		4	P	E		Shrub
TRAN	<i>Trifolium andersonii</i>	Fabaceae	Fiveleaf clover		7	P	N		Herb
TRFR2	<i>Trifolium fragiferum</i>	Fabaceae	Strawberry clover	infl 1cm, pink, involucre tiny, free, calyx inflated	5,6,7	P	E		Herb
TRH14	<i>Trifolium hirtum</i>	Fabaceae	Rose clover	plant erect, hairy, infl 1.5cm pink, w/ 2 sm lvs, fruit hairy	1	A	E		Herb
TRM14	<i>Trifolium microcephalum</i>	Fabaceae	Smallhead clover	plt very small, 1-6 flwd heads usl w/ leaves, fl white or lavender striate	7	A	N		Herb
TRPR2	<i>Trifolium pratense</i>	Fabaceae	Red clover	plant hairy, infl 2-3cm red-purple, on pair of sm lvs	1,6,7,8	P	E		Herb
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
TRIFO	<i>Trifolium</i> sp.	Fabaceae	Clover		1,4,6,8				Herb
TRVA	<i>Trifolium variegatum</i>	Fabaceae	White-tipped clover	infl 0.5-2.5cm, fls lavender-purple white tipped, involcr wheel-lk	2,7	A	N		Herb
TRWO	<i>Trifolium wormskioldii</i>	Fabaceae	Cows clover	infl 2-3cm, pink, involucre toothed, fused	2,3,4,5,6,7	P	N		Herb

Inyo County Water Department Master Species List

January 23, 2013

SPECIES CODE	SPECIES	FAMILY	COMMON NAME	NAME CHANGES* OTHER NOTES	SOURCE CODE	Life Cycle	Lifeform
VIAM	<i>Vicia americana</i>	Fabaceae	American vetch		7	P N	Herb
QUGA4	<i>Quercus garryana</i>	Fagaceae	Oregon oak/Oregon white oak		0	P E	Shrub
QUKE	<i>Quercus kelloggii</i>	Fagaceae	California black oak		7	P N	Shrub
QULO	<i>Quercus lobata</i>	Fagaceae	Valley oak		7	P E	Shrub
QUWJ2	<i>Quercus wislizenii</i>	Fagaceae	Interior live oak		7	P N	Shrub
* FRGR	<i>Frankenia grandifolia</i> var. <i>campestris</i>	Frankeniaceae	Alkali heath	<i>Frankenia salina</i>	2	P N	Shrub
FRSA	<i>Frankenia salina</i>	Frankeniaceae	Alkali heath		2,4,7,8	P N	Shrub
FRANK	<i>Frankenia</i> sp.	Frankeniaceae	Alkali heath		4		N
* CEEX	<i>Centaurium exaltatum</i>	Gentianaceae	Exalted centaury	<i>Zeltnera exaltata</i>	1,2,3,4,5,6,7,8	A N	Herb
* CENAN	<i>Centaurium namophilum</i> var. <i>nevadense</i>	Gentianaceae	Exalted centaury	<i>Zeltnera exaltata</i>	1	A N	Herb
CENTA2	<i>Centaurium</i> sp.	Gentianaceae	Centaury		4	A	Herb
ZEEX	<i>Zeltnera exaltata</i>	Gentianaceae	Exalted centaury		1,2,3,4,5,6,7,8	A N	Herb
ERIC6	<i>Erodium cicutarium</i>	Geraniaceae	Redstem filaree		1,2,3,4,5,6,7	A E	Herb
ERODI	<i>Erodium</i> sp.	Geraniaceae	Filaree		4		Herb
RIAU	<i>Ribes aureum</i>	Grossulariaceae	Golden currant		7	P N	Shrub
RIAUA	<i>Ribes aureum</i> var. <i>aureum</i>	Grossulariaceae	Golden currant		7	P N	Shrub
RICE	<i>Ribes cereum</i>	Grossulariaceae	Wax currant		7	P N	Shrub
RINE	<i>Ribes nevadense</i>	Grossulariaceae	Mountain pink currant		7	P N	Shrub
RIRO	<i>Ribes roezlii</i>	Grossulariaceae	Sierra gooseberry		7	P N	Shrub
RIBES	<i>Ribes</i> sp.	Grossulariaceae	Currant/Gooseberry		0	P	Shrub
RIVE	<i>Ribes velutinum</i>	Grossulariaceae	Desert gooseberry		7	P N	Shrub
* HYFOS	<i>Hypericum formosum</i> var. <i>scouleri</i>	Hypericaceae	Scouler's St. John's wort	<i>Hypericum scouleri</i>	7	P N	Herb
HYSC5	<i>Hypericum scouleri</i>	Hypericaceae	Scouler's St. John's wort		7	P N	Herb
HYPER	<i>Hypericum</i> sp.	Hypericaceae	St. John's wort		7		
CARYA	<i>Carya</i> sp.	Juglanaceae	Hickory		1	P E	Shrub
* JUCAH	<i>Juglans californica</i> var. <i>hindsii</i>	Juglanaceae	Northern California black walnut	<i>Juglans hindsii</i>	7	P E	Shrub
JUHI	<i>Juglans hindsii</i>	Juglanaceae	Northern California black walnut		7	P E	Shrub
JUNI	<i>Juglans nigra</i>	Juglanaceae	Eastern black walnut		1	P E	Shrub
JURE80	<i>Juglans regia</i>	Juglanaceae	English walnut		4,7	P E	Shrub
JUREC?	<i>Juglans regia</i> x <i>californica</i>	Juglanaceae	Walnut hybrid		7	P E	Shrub
LYAM	<i>Lycopus americanus</i>	Lamiaceae	American water horehound		7	P N	Herb
LYAS	<i>Lycopus asper</i>	Lamiaceae	Rough bugleweed		3,5,7	P N	Herb
LYCOP4	<i>Lycopus</i> sp.	Lamiaceae	Bugleweed		7	P	Herb
MAVU	<i>Marrubium vulgare</i>	Lamiaceae	Horehound		2,4,7	P E	Herb
MEOF2	<i>Melissa officinalis</i>	Lamiaceae	Lemon balm/Sweet balm		7,8	P E	Herb
MEAR4	<i>Mentha arvensis</i>	Lamiaceae	Wild mint		1,2,3,4,5,6,7,8	P N	Herb
MENTH	<i>Mentha</i> sp.	Lamiaceae	Mint		1,4,6	P	Herb
MESP3	<i>Mentha spicata</i>	Lamiaceae	Spearmint		7,8	P E	Herb
MEPI	<i>Mentha</i> x <i>piperita</i>	Lamiaceae	Peppermint		7	P E	Herb
* SAME	<i>Salazaria mexicana</i>	Lamiaceae	Bladder sage	<i>Scutellaria mexicana</i>	2	P N	Shrub
SACO6	<i>Salvia columbariae</i>	Lamiaceae	Chia		1,2,4,7	A N	Herb
SADO4	<i>Salvia dorrii</i>	Lamiaceae	Dorr's sage/Purple sage		1,2	P N	Shrub
SALVI	<i>Salvia</i> sp.	Lamiaceae	Sage		1,4		
SCME6	<i>Scutellaria mexicana</i>	Lamiaceae	Bladder sage		2	P N	Shrub
STAL	<i>Stachys albens</i>	Lamiaceae	Whitestem hedgenettle		4, 7	P N	Herb
UTMA	<i>Utricularia macrorhiza</i>	Lentibulariaceae	Common bladderwort		7	P N	Herb
* UTVU	<i>Utricularia vulgaris</i>	Lentibulariaceae	Common bladderwort	<i>Utricularia macrorhiza</i>	7	P N	Herb
LILE3	<i>Linum lewisii</i>	Linaceae	Blue flax/Prairie flax		7	P N	Herb
MEAL6	<i>Mentzelia albicaulis</i>	Loasaceae	Little blazing star/White-stem blazing †Lvs shiny; Inf wiry; flw bracts entire, flw yellow w/ orange throat		2,3,4,7,8	A N	Herb

Inyo County Water Department Master Species List

January 23, 2013

SPECIES CODE	SPECIES	FAMILY	COMMON NAME	NAME CHANGES* OTHER NOTES	SOURCE CODE	Life Cycle	venar	Lifeform
MECO2	<i>Mentzelia congesta</i>	Loasaceae	Flower baskets	Lvs hairy; Inf compact, flw bracts toothed, flw yellow w/ orange throat	2	A	N	Herb
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
MELA2	<i>Mentzelia laevicaulis</i>	Loasaceae	Tall blazing star	plt robust, Infl tall, flw yellow up to 8cm wide	2	P	N	Herb
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
MENTZ	<i>Mentzelia</i> sp.	Loasaceae	Blazing star		4		N	Herb
METO2	<i>Mentzelia torreyi</i>	Loasaceae	Torrey's blazing star	Plt low; lvs spine tipped, mrgn rolled under; Infl bracts linear, flw yellow	3,4,5	P	N	Herb
PENI	<i>Petalonyx nitidus</i>	Loasaceae	Shinyleaf sandpaper plant		7	P	N	Shrub
LYCA4	<i>Lythrum californicum</i>	Lythraceae	California loosestrife		7	P	N	Herb
EREX3	<i>Eremalche exilis</i>	Malvaceae	White mallow		2,4,7,8	A	N	Herb
ERRO8	<i>Eremalche rotundifolia</i>	Malvaceae	Desert fivespot		8	A	N	Herb
MAFR2	<i>Malacothamnus fremontii</i>	Malvaceae	Fremont's bushmallow		7	P	N	Shrub
MANE	<i>Malva neglecta</i>	Malvaceae	Common mallow		2,6,7	AB	E	Herb
MAPA5	<i>Malva parviflora</i>	Malvaceae	Cheeseweed mallow		2,8	A	E	Herb
MALVA	<i>Malva</i> sp.	Malvaceae	Mallow		4,6,8		E	Herb
MALE3	<i>Malvella leprosa</i>	Malvaceae	Alkali mallow		2,4,5,7,8	P	N	Herb
MALVE	<i>Malvella</i> sp.	Malvaceae	Mallow		4	P		Herb
* SIHE8	<i>Sida hederacea</i>	Malvaceae	Alkali mallow	<i>Malvella leprosa</i>	1,2,6	P	N	Herb
* SILE	<i>Sida leprosa</i>	Malvaceae	Alkali mallow	<i>Malvella leprosa</i>	1,2,4,6	P	N	Herb
SIDA	<i>Sida</i> sp.	Malvaceae	Fanpetals		0			Herb
SICO2	<i>Sidalcea covillei</i>	Malvaceae	Owens Valley checkerbloom		1,2,4,7,8	P	N	Herb
SIOR	<i>Sidalcea oregana</i>	Malvaceae	Oregon checkerbloom		7	P	N	Herb
SIDAL	<i>Sidalcea</i> sp.	Malvaceae	Checker mallow		7,8			Herb
SPAM2	<i>Sphaeralcea ambigua</i>	Malvaceae	Apricot globemallow		1,2,3,4,7,8	P	N	Herb
SPAMA3	<i>Sphaeralcea ambigua</i> var. <i>ambigua</i>	Malvaceae	Apricot globemallow		2,4	P	N	Herb
* SPAMM	<i>Sphaeralcea ambigua</i> var. <i>monticola</i>	Malvaceae	Apricot globemallow	<i>Sphaeralcea ambigua</i> var. <i>ambigua</i>	2	P	N	Herb
SPAMR	<i>Sphaeralcea ambigua</i> var. <i>roseacea</i>	Malvaceae	Rose globemallow		4	P	N	Herb
SPHAE	<i>Sphaeralcea</i> sp.	Malvaceae	Globemallow		8	AP		Herb
CAMO5	<i>Calyptidium monandrum</i>	Montiaceae	Sand-cress		2,3,7	A	N	Herb
CLPA5	<i>Claytonia parviflora</i>	Montiaceae	Streambank springbeauty		7	A	N	Herb
CLPAP	<i>Claytonia parviflora</i> ssp. <i>parviflora</i>	Montiaceae	Utah miner's lettuce		2	A	N	Herb
CLPE	<i>Claytonia perfoliata</i>	Montiaceae	Miner's lettuce		7	A	N	Herb
* 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
MOCH	<i>Montia chamissoi</i>	Montiaceae	Water minerslettuce		7	P	N	Herb
* 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
MAPO	<i>Maclura pomifera</i>	Moraceae	Osage Orange		7	P	E	Shrub
MORUS	<i>Morus</i> sp.	Moraceae	Mulberry		7	P	E	Shrub
ABRON	<i>Abronia</i> sp.	Nyctaginaceae	Sand verbena		1			Herb
ABTU	<i>Abronia turbinata</i>	Nyctaginaceae	Transmontane sand verbena		4	A	N	Herb
MIAL5	<i>Mirabilis alipes</i>	Nyctaginaceae	Rose four o'clock		2,3,4	P	N	Herb
* MIBI8	<i>Mirabilis bigelovii</i>	Nyctaginaceae	Wishbone bush	<i>Mirabilis laevis</i> var. <i>villosa</i>	1,2,3,4,7	P	N	Herb
* MIBIA	<i>Mirabilis bigelovii</i> var. <i>aspera</i>	Nyctaginaceae	Wishbone bush	<i>Mirabilis laevis</i> var. <i>villosa</i>	2	P	N	Herb
* MIBIB	<i>Mirabilis bigelovii</i> var. <i>bigelovii</i>	Nyctaginaceae	Wishbone bush	<i>Mirabilis laevis</i> var. <i>villosa</i>	2	P	N	Herb
* MIFR5	<i>Mirabilis troebellii</i>	Nyctaginaceae	Colorado four o'clock	<i>Mirabilis multiflora</i> var. <i>pubescens</i>	7	P	N	Herb
MILAV	<i>Mirabilis laevis</i> var. <i>villosa</i>	Nyctaginaceae	Wishbone bush		1,2,3,4,7	P	N	Herb
MIMU	<i>Mirabilis multiflora</i>	Nyctaginaceae	Giant four o'clock		4	P	N	Herb
MIMUP	<i>Mirabilis multiflora</i> var. <i>pubescens</i>	Nyctaginaceae	Colorado four o'clock		0	P	N	Herb
MIRAB	<i>Mirabilis</i> sp.	Nyctaginaceae	Four o'clock		1,8	P		
* FONE	<i>Forestiera neomexicana</i>	Oleaceae	Desert olive	<i>Forestiera pubescens</i>	1,2,4,5,6	P	N	Shrub
FOPU2	<i>Forestiera pubescens</i>	Oleaceae	Desert olive		1,2,4,5,6,7	P	N	Shrub

Inyo County Water Department Master Species List

January 23, 2013

SPECIES CODE	SPECIES	FAMILY	COMMON NAME	NAME CHANGES* OTHER NOTES	SOURCE CODE	Life Cycle	Lifeform
FOPUP	<i>Forestiera pubescens</i> var. <i>pubescens</i>	Oleaceae	Desert olive		8	P	N Shrub
FORES	<i>Forestiera</i> sp.	Oleaceae	Wild privet		8	P	Shrub
FRAXI	<i>Fraxinus</i> sp.	Oleaceae	Ash		4,7	P	Shrub
MESP2	<i>Menodora spinescens</i>	Oleaceae	Spiny menodora		2,3,4	P	N Shrub
* 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
* 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
* 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
* 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
* CACL4	<i>Camissonia claviformis</i>	Onagraceae	Brown-eyed evening primrose	<i>Chylismia claviformis</i> ; Lvs w/ prominent term lflr, lateral lflrs reduced; flws white or yellow w/ c 2,7	7	A	N Herb
* CACLI	<i>Camissonia claviformis</i> ssp. <i>integrior</i>	Onagraceae	Pale brown-eyed evening primrose	<i>Chylismia claviformis</i> ssp. <i>integrior</i> ; term lflr ovate, base subcordate; flw pet white w/ purple c 4	7	A	N Herb
* CACLL	<i>Camissonia claviformis</i> ssp. <i>lancifolia</i>	Onagraceae	Lanceleaf brown-eyed evening primrose	<i>Chylismia claviformis</i> ssp. <i>lancifolia</i> ; term lflr lanceolate; flw pet yellow w/ red-dot	1,2,3,4	A	N Herb
* CAPA36	<i>Camissonia pallida</i>	Onagraceae	Pale yellow suncup	<i>Camissoniopsis pallida</i> ; Lvs usl entire, Flw yellow	7	A	N Herb
CAPA39	<i>Camissonia parvula</i>	Onagraceae	Wire evening primrose	Lvs linear, usl no teeth; flw small, yellow	2,4	A	N Herb
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
* 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
CAMIS	<i>Camissonia</i> sp.	Onagraceae	Evening primrose/Sun cup		4,8		N Herb
CAPA78	<i>Camissoniopsis pallida</i>	Onagraceae	Pale yellow suncup	Lvs usl entire, Flw yellow	7	A	N Herb
CHAN80	<i>Chamerion angustifolium</i>	Onagraceae	Fireweed	plt tall, lvs alternate, flowers showy	7	P	N Herb
CHBR13	<i>Chylismia brevipes</i>	Onagraceae	Yellow cups	Lvs compound to lobed; Flw large, yellow w/ dark centers	7	A	N Herb
CHCL5	<i>Chylismia claviformis</i>	Onagraceae	Brown-eyed evening primrose	Lvs w/ prominent term lflr, lateral lflrs reduced; flws white or yellow w/ dark center	2,7	A	N Herb
CHCLI	<i>Chylismia claviformis</i> ssp. <i>integrior</i>	Onagraceae	Pale brown-eyed evening primrose	term lflr ovate, base subcordate; flw pet white w/ purple dot	4	A	N Herb
CHCLL	<i>Chylismia claviformis</i> ssp. <i>lancifolia</i>	Onagraceae	Lanceleaf brown-eyed evening primrose	term lflr lanceolate; flw pet yellow w/ red-dot	1,2,3,4	A	N Herb
* 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
* EPAN2	<i>Epilobium angustifolium</i>	Onagraceae	Fireweed	<i>Chamerion angustifolium</i> ; plt tall, lvs alternate, flowers showy	7	P	N Herb
EPBR3	<i>Epilobium brachycarpum</i>	Onagraceae	Tall annual willowherb	ann, stems peeling below, upper lvs often clustered	7	A	N Herb
EPCI	<i>Epilobium ciliatum</i>	Onagraceae	Hairy willow herb	st. erect, w/ hairs, lf veins conspicuous, infl w/ hairs	2,3,5,7	P	N Herb
EPCIC	<i>Epilobium ciliatum</i> ssp. <i>ciliatum</i>	Onagraceae	Fringed willow herb	st. erect, w/ hairs, lf veins conspicuous, infl w/ hairs	2,3	P	N Herb
EPDE4	<i>Epilobium densiflorum</i>	Onagraceae	Denseflower willowherb	lvs opp near base, upr lf hairy, infl leafy & dense	7	A	N Herb
EPGL	<i>Epilobium glaberrimum</i>	Onagraceae	Glaucous willowherb	st branching above, infl glabrous or w/ few hairs	7	P	N Herb
EPILO	<i>Epilobium</i> sp.	Onagraceae	Willowherb		4,8		N Herb
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
ERBOD	<i>Eremothera boothii</i> ssp. <i>decorticans</i>	Onagraceae	Shredding evening primrose	Leaves serrated	7	A	N Herb
ERBOD2	<i>Eremothera boothii</i> ssp. <i>desertorum</i>	Onagraceae	Desert evening primrose	Leaves entire	2,3,4,7	A	N Herb
ERRE	<i>Eremothera refracta</i>	Onagraceae	Narrow-leaved evening primrose	Lvs w/ minute dentate teeth, Flws white fading to red	2	A	N Herb
LUPA	<i>Ludwigia palustris</i>	Onagraceae	Marsh seedbox		7	P	N Herb
LUPE5	<i>Ludwigia peploides</i>	Onagraceae	Water primrose		2,4,7	P	E Herb
OECA2	<i>Oenothera californica</i>	Onagraceae	California evening primrose		4	P	N Herb
OECA2	<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
OEDE2	<i>Oenothera deltoides</i>	Onagraceae	Devil's lantern, Bird cage evening primrose	Lvs gray-green, diamond to oblanceolate, usl some teeth; flw white	7	AP	N Herb
OEEL	<i>Oenothera elata</i>	Onagraceae	Tall yellow evening primrose	Plt tall; hypanthium 2-5 cm, flw petals >2cm, yellow	7	BP	N Herb
OEELH	<i>Oenothera elata</i> ssp. <i>hirsutissima</i>	Onagraceae	Tall yellow evening primrose		2,6,7	BP	N Herb
OEELH2	<i>Oenothera elata</i> ssp. <i>hookeri</i>	Onagraceae	Hooker's evening-primrose		2,4,6	BP	N Herb
* 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
* 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
OELO	<i>Oenothera longissima</i>	Onagraceae	Longstem evening primrose	Plt tall; hypanthium 6-13cm, flw petals >2cm, yellow	5	B	N Herb
OENOT	<i>Oenothera</i> sp.	Onagraceae	Evening primrose		4,8		Herb
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
* 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
CACH7	<i>Castilleja chromosa</i>	Orobanchaceae	Desert Indian paintbrush	plt w/ bristly hairs; lvs usl lobed; dry places	2,3	P	N Herb

Inyo County Water Department Master Species List

January 23, 2013

SPECIES CODE	SPECIES	FAMILY	COMMON NAME	NAME CHANGES* OTHER NOTES	SOURCE CODE	Life Cycle	Lifeform
* CAEX6	<i>Castilleja exilis</i>	Orobanchaceae	Lesser Indian paintbrush	<i>Castilleja minor</i> ssp. <i>minor</i>	7	A	N Herb
CALI4	<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
CAMI12	<i>Castilleja miniata</i>	Orobanchaceae	Creekside Indian paintbrush	Plt usl in wet places; lvs lanceolate, thin	7	P	N Herb
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
CAMIM6	<i>Castilleja minor</i> ssp. <i>minor</i>	Orobanchaceae	Lesser Indian paintbrush	plt in alkali wet places	4,7	A	N Herb
CASTI2	<i>Castilleja</i> sp.	Orobanchaceae	Indian paintbrush		1,4,8		Herb
CHMA20	<i>Chloropyron maritimum</i>	Orobanchaceae	Saltmarsh bird's-beak		7	A	N Herb
CHMAC	<i>Chloropyron maritimum</i> ssp. <i>canescens</i>	Orobanchaceae	Alkali bird's-beak		1,2,3,4,5,6,8	A	N Herb
* COMA5	<i>Cordylanthus maritimus</i>	Orobanchaceae	Saltmarsh bird's-beak	<i>Chloropyron maritimum</i>	7	A	N Herb
* 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
CORA5	<i>Cordylanthus ramosus</i>	Orobanchaceae	Bushy bird's-beak		1,2,4,6,7,8	A	N Herb
CORDY	<i>Cordylanthus</i> sp.	Orobanchaceae	Bird's-beak		4	A	Herb
ORCAF	<i>Orobanche californica</i> ssp. <i>feudgei</i>	Orobanchaceae	California broomrape		2	A	N Herb
ORCO4	<i>Orobanche cooperi</i>	Orobanchaceae	Desert broomrape/Cooper's broomrape		2	A	N Herb
ORCO5	<i>Orobanche corymbosa</i>	Orobanchaceae	Sagebrush strangler		2,4	A	N Herb
ORFA	<i>Orobanche fasciculata</i>	Orobanchaceae	Clustered broomrape		2	A	N Herb
* ORGRF	<i>Orobanche grayana</i> var. <i>feudgei</i>	Orobanchaceae	California broomrape	<i>Orobanche californica</i> ssp. <i>feudgei</i>	2	A	N Herb
OROBA	<i>Orobanche</i> sp.	Orobanchaceae	Broomrape		4,7	A	N Herb
OXCO	<i>Oxalis corniculata</i>	Oxalidaceae	Creeping sour clover		1,4,5,8	AP	E Herb
OXALI	<i>Oxalis</i> sp.	Oxalidaceae	Sorrel, Sour clover		4	AP	E Herb
ARCO6	<i>Argemone corymbosa</i>	Papaveraceae	Mohave prickly poppy	sap orange, lvs less prickly on top	7	P	N Herb
ARMU	<i>Argemone munita</i>	Papaveraceae	Chicalote/Flatbud prickly poppy	sap yellow, lvs prickly both surfaces	2,7	AP	N Herb
ARGEM	<i>Argemone</i> sp.	Papaveraceae	Prickly poppy		4		N Herb
* ESCO	<i>Eschscholzia covillei</i>	Papaveraceae	Little golden poppy	<i>Eschscholzia minutiflora</i>	2	A	N Herb
ESMI	<i>Eschscholzia minutiflora</i>	Papaveraceae	Little golden poppy		2,3,7	A	N Herb
MIBIC	<i>Mimulus bigelovii</i> var. <i>cuspidatus</i>	Phrymaceae	Desert monkeyflower		2,3	A	N Herb
MICA3	<i>Mimulus cardinalis</i>	Phrymaceae	Scarlet monkeyflower		7	P	N Herb
MIGU	<i>Mimulus guttatus</i>	Phrymaceae	Common monkeyflower		2,3,4,5,7	AP	N Herb
MIP18	<i>Mimulus pilosus</i>	Phrymaceae	Hairy monkeyflower		2,4,7	A	N Herb
MIPR	<i>Mimulus primuloides</i>	Phrymaceae	Primrose monkeyflower		7	P	N Herb
MIMUL	<i>Mimulus</i> sp.	Phrymaceae	Monkeyflower		1,4		
MISU2	<i>Mimulus suksdorfii</i>	Phrymaceae	Suksdorf miniature monkeyflower		4	A	N Herb
CAHE3	<i>Callitriche heterophylla</i>	Plantaginaceae	Larger water-starwort		2,7	A	N Herb
COPA3	<i>Collinsia parviflora</i>	Plantaginaceae	Maiden blue eyed Mary		7	A	N Herb
COLLI	<i>Collinsia</i> sp.	Plantaginaceae	Blue-eyed Mary		0	A	Herb
LIDU	<i>Lindernia dubia</i>	Plantaginaceae	Yellowseed false pimpernel		7	AB	N Herb
PEFL3	<i>Penstemon floridus</i>	Plantaginaceae	Bubblegum penstemon		7	P	N Herb
PEFLF	<i>Penstemon floridus</i> var. <i>floridus</i>	Plantaginaceae	Bubblegum penstemon		7	P	N Herb
PEIN3	<i>Penstemon incertus</i>	Plantaginaceae	Mohave beardtongue		7	P	N Shrub
PEPA8	<i>Penstemon palmeri</i>	Plantaginaceae	Palmer's penstemon		7	P	N Herb
PERO10	<i>Penstemon rostriflorus</i>	Plantaginaceae	Bridge's penstemon		7	P	N Shrub
PERY	<i>Penstemon rydbergii</i>	Plantaginaceae	Rydberg's penstemon		7	P	N Herb
PENST	<i>Penstemon</i> sp.	Plantaginaceae	Penstemon/Beardtongue		1		
PLLA	<i>Plantago lanceolata</i>	Plantaginaceae	English plantain		1,2,4,5,6,7	P	E Herb
PLMA2	<i>Plantago major</i>	Plantaginaceae	Broadleaf plantain		1,2,3,4,5,6,7,8	P	E Herb
PLANT	<i>Plantago</i> sp.	Plantaginaceae	Plantain		8	AP	Herb
VEAM2	<i>Veronica americana</i>	Plantaginaceae	American brooklime	Lvs w/ petioles; Infl axillary	2,7	P	N Herb
VEAN2	<i>Veronica anagallis-aquatica</i>	Plantaginaceae	Water speedwell	Lvs sessile; Infl axillary	2,4,7	BP	E Herb
VEPE2	<i>Veronica peregrina</i>	Plantaginaceae	Neckweed	Lvs lower petioled, upper sessile; Infl terminal	7	A	N Herb

Inyo County Water Department Master Species List

January 23, 2013

SPECIES CODE	SPECIES	FAMILY	COMMON NAME	NAME CHANGES* OTHER NOTES	SOURCE CODE	Life Cycle	venal	Lifeform
VEPEX2	<i>Veronica peregrina ssp. xalapensis</i>	Plantaginaceae	Purslane-speedwell		2	A	N	Herb
VEPL?	<i>Veronica plantago-aquatica</i>	Plantaginaceae	Speedwell	not in IMF, JEPS or MUNZ; pos. <i>V. anagallis-aquatica</i>	5			
PLATA	<i>Platanus sp.</i>	Platanaceae	Sycamore		7			E Shrub
ALLE7	<i>Aliciella leptomeria</i>	Polemoniaceae	Sand gilia	Plt glandular; flw 4-7mm, purple to white, throat yellow	2,3,4	A	N	Herb
ALMI10	<i>Aliciella micromeria</i>	Polemoniaceae	Dainty gilia	Plt slightly puberlent; Inf nodding in bud, flw 3mm, wht-lav, throat yellow	2,3	A	N	Herb
COLI2	<i>Collomia linearis</i>	Polemoniaceae	Tiny trumpet		7	A	N	Herb
ERDE2	<i>Eriastrum densifolium</i>	Polemoniaceae	Giant woolly-star	shrubby-like perennial, corrola blue	4,7	P	N	shrub/Herb
ERDED6	<i>Eriastrum densifolium ssp. densifolium</i>	Polemoniaceae	Giant woolly-star	shrubby-like perennial, corrola blue	8	P	N	shrub/Herb
* ERDEE	<i>Eriastrum densifolium ssp. elongatum</i>	Polemoniaceae	Long-leafed giant woolly-star	<i>Eriastrum densifolium ssp. densifolium</i>	2	P	N	Herb
* ERDEM2	<i>Eriastrum densifolium ssp. mohavense</i>	Polemoniaceae	Mojave giant woolly-star	<i>Eriastrum densifolium ssp. densifolium</i>	7	P	N	Herb
ERER2	<i>Eriastrum eremicum</i>	Polemoniaceae	Desert woolly-star	corrola bilateral, leaf 2-6-lobed at base	2,4,7	A	N	Herb
ERIAS	<i>Eriastrum sp.</i>	Polemoniaceae	Woolly-star		1,4,8			N Herb
ERSP3	<i>Eriastrum sparsiflorum</i>	Polemoniaceae	Great basin woolly-star	stamens equal, leaf 2-lobed at base	4,7,8	A	N	Herb
ERWI	<i>Eriastrum wilcoxii</i>	Polemoniaceae	Wilcox's woolly star	stamens unequal, leaf 2-4-lobed at base	2,3	A	N	Herb
GIBRN	<i>Gilia brecciarum ssp. neglecta</i>	Polemoniaceae	Kern -Inyo gilia	Plt w/ cbwby hrs; calyx dnsly gland, flw in clstrs, wht & blu, throat purp w/ yel spots	2	A	N	Herb
* 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/ pur 2		A	N	Herb
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
* GIIN5	<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
* 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
* GIMI4	<i>Gilia micromeria</i>	Polemoniaceae	Dainty gilia	<i>Aliciella micromeria</i> ; Plt slightly puberlent; Inf nodding in bud, flw 3mm, wht-lav, throat yellow	2,3	A	N	Herb
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
GISI	<i>Gilia sinuata</i>	Polemoniaceae	Rosy gilia	Plt w/ cbwby hrs; strn glcs; caul lvs clspg; flw 7-12mm, lav, pnk or wht, tube purp w/ white strij	2,3	A	N	Herb
GILIA	<i>Gilia sp.</i>	Polemoniaceae	Gilia		1,4,7,8			N Herb
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
GI TR	<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
* IPDE	<i>Ipomopsis depressa</i>	Polemoniaceae	Depressed ipomopsis	<i>Loeseliastrum depressum</i>	2	A	N	Herb
* LAMA5	<i>Langloisia matthewsii</i>	Polemoniaceae	Sunbonnets/Desert calico	<i>Loeseliastrum matthewsii</i>	1	A	N	Herb
* LAPU5	<i>Langloisia punctata</i>	Polemoniaceae	Dotted gilia	<i>Langloisia setosissima ssp. punctata</i>	2	A	N	Herb
* LASC	<i>Langloisia schottii</i>	Polemoniaceae	Schott's calico/ Little sunbonnets	<i>Loeseliastrum schottii</i>	2	A	N	Herb
LASEP	<i>Langloisia setosissima ssp. punctata</i>	Polemoniaceae	Dotted gilia		2	A	N	Herb
LEAU16	<i>Leptosiphon aureus</i>	Polemoniaceae	Golden linanthus	Plt thin wiry; flw yellow	7	A	N	Herb
LEAU3	<i>Leptosiphon aureus ssp. aureus</i>	Polemoniaceae	Golden linanthus		4	A	N	Herb
* LIAU	<i>Linanthus aureus</i>	Polemoniaceae	Golden linanthus	<i>Leptosiphon aureus</i> ; Plt thin wiry; flw yellow	7	A	N	Herb
* LIAUA2	<i>Linanthus aureus ssp. aureus</i>	Polemoniaceae	Golden linanthus	<i>Leptosiphon aureus ssp. aureus</i>	4	A	N	Herb
LICA37	<i>Linanthus campanulatus</i>	Polemoniaceae	Bell gilia	Stms & Lvs gland dotted; flw 7-9mm, in pairs, wht, throat yel w/ purp spots	2	A	N	Herb
LIDE2	<i>Linanthus demissus</i>	Polemoniaceae	Desert snow	Plt low; lvs spine tipped; flw sessile, white, throat yellow w/ purple lines	7	A	N	Herb
LIDI2	<i>Linanthus dichotomus</i>	Polemoniaceae	Evening snow	Lvs thin; flw 10-16mm, white, throat white to cream, evening	2,3	A	N	Herb
LIIN10	<i>Linanthus inyoensis</i>	Polemoniaceae	Inyo gilia	Plt hairy; flw usl 2/pedun, 4-7mm, white, throat yellow	3,4	A	N	Herb
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
LINAN2	<i>Linanthus sp.</i>	Polemoniaceae	Linanthus		4			N Herb
LODE8	<i>Loeseliastrum depressum</i>	Polemoniaceae	Depressed ipomopsis		2	A	N	Herb
LOMA10	<i>Loeseliastrum matthewsii</i>	Polemoniaceae	Sunbonnets/Desert calico	Flw 11-21mm, strongly bilateral, white to deep pink	1,2,3,4,7	A	N	Herb
LOSC6	<i>Loeseliastrum schottii</i>	Polemoniaceae	Schott's calico/ Little sunbonnets	Flw 8-15mm, moderately bilateral, white to pink	2,3	A	N	Herb
MIGR	<i>Microsteris gracilis</i>	Polemoniaceae	Slender phlox		7	A	N	Herb
NABR	<i>Navarretia breweri</i>	Polemoniaceae	Brewer's navarretia		7	A	N	Herb
* PHGR16	<i>Phlox gracilis</i>	Polemoniaceae	Slender phlox	<i>Microsteris gracilis</i>	7	A	N	Herb
PHST11	<i>Phlox stansburyi</i>	Polemoniaceae	Stansbury's phlox/Cold-desert phlox		7	P	N	Herb
POLEM	<i>Polemonium sp.</i>	Polemoniaceae	Jacob's-ladder		8	AP		Herb
BIBI5	<i>Bistorta bistortoides</i>	Polygonaceae	American bistort	Strm erect, unbranched; Lvs 15-40cm; Infl oblong, dense	6	P	N	Herb

Inyo County Water Department Master Species List

January 23, 2013

SPECIES CODE	SPECIES	FAMILY	COMMON NAME	NAME CHANGES* OTHER NOTES	SOURCE CODE	Life Cycle	venal	Lifeform
CETH3	<i>Centrostegia thurberi</i>	Polygonaceae	Red triangles		3,4,7	A	N	Herb
CHBR	<i>Chorizanthe brevicornu</i>	Polygonaceae	Brittle spineflower		1,2,3,4,7,8	A	N	Herb
* CHBRS3	<i>Chorizanthe brevicornu</i> ssp. <i>spathulata</i>	Polygonaceae	Brittle spineflower	Stm erect, thinly hairy; Infl breaking at nodes, bracts 6, flw white <i>Chorizanthe brevicornu</i> var. <i>spathulata</i>	2,3	A	N	Herb
CHBRS	<i>Chorizanthe brevicornu</i> var. <i>spathulata</i>	Polygonaceae	Brittle spineflower		2,3	A	N	Herb
CHRI	<i>Chorizanthe rigida</i>	Polygonaceae	Spinyherb	Stm erect, dnsly brchd, spiny, fl elliptic; Infl bracts 3, flw yellow	2,3,4,8	A	N	Herb
CHORI2	<i>Chorizanthe</i> sp.	Polygonaceae	Spineflower		8	AP		Herb
CHWA2	<i>Chorizanthe watsonii</i>	Polygonaceae	Watson's spineflower	Plt reddish, canescent; Infl bracts 5, flw yellow	2,3	A	N	Herb
ERAM2	<i>Eriogonum ampullaceum</i>	Polygonaceae	Mono buckwheat	thin stems repetedly forked, flowers cream	1,4	A	N	Herb
ERBA7	<i>Eriogonum baileyi</i>	Polygonaceae	Bailey's buckwheat	thin stems white flowers w/ green midstripe	2,4	A	N	Herb
ERBR7	<i>Eriogonum brachyanthum</i>	Polygonaceae	Short-flowered buckwheat	thin stems yellow flowers	1,2,4	A	N	Herb
ERBR8	<i>Eriogonum brachypodium</i>	Polygonaceae	Glandular skeleton buckwheat	Inflorescence flat topped, glandular, white flow.	2,4	A	N	Herb
ERDA4	<i>Eriogonum davidsonii</i>	Polygonaceae	Davidson's buckwheat	Flws in clusters along Inf stems, pink to white	4,8	A	N	Herb
ERDE6	<i>Eriogonum deflexum</i>	Polygonaceae	Skeleton buckwheat	usually flat-topped, white flowers hanging down	2,3,4	A	N	Herb
ERDEB	<i>Eriogonum deflexum</i> var. <i>baratum</i>	Polygonaceae	Long-stalked skeleton buckwheat		2	A	N	Herb
ERFA2	<i>Eriogonum fasciculatum</i>	Polygonaceae	California buckwheat	Shrub, inflorescence in balls on long stalks	1,2,4,7	P	N	Shrub
ERFAP	<i>Eriogonum fasciculatum</i> var. <i>polifolium</i>	Polygonaceae	Grey-leaved California buckwheat		2,7	P	N	Shrub
ERIN4	<i>Eriogonum inflatum</i>	Polygonaceae	Desert trumpet		1,2,3,4,8	AP	N	Herb
* ERKEK	<i>Eriogonum kearneyi</i> var. <i>kearneyi</i>	Polygonaceae	Kearney buckwheat	Lvs shiny; Inflated flower stems, flowers yellow <i>Eriogonum nummulare</i>	1,3	P	N	Shrub
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
ERNI4	<i>Eriogonum nidularium</i>	Polygonaceae	Bird's-nest buckwheat	inflorescence curved inward	1,2,3,4,6,7	A	N	Herb
ERNU3	<i>Eriogonum nudum</i>	Polygonaceae	Nude buckwheat	Inf tall, clean stems w/out bracts	7	P	N	Herb
ERNUP4	<i>Eriogonum nudum</i> var. <i>pubiflorum</i>	Polygonaceae	Downy-flowered nude buckwheat		2	P	N	Herb
ERNU4	<i>Eriogonum nummulare</i>	Polygonaceae	Kearney buckwheat	Shrub, inflorescence in elongated curved clusters	1,3,6	P	N	Shrub
ERPU6	<i>Eriogonum pusillum</i>	Polygonaceae	Yellow turbans	flower bracts minutely glandular, flowers yellow to red	2,3,4,8	A	N	Herb
ERRE3	<i>Eriogonum reniforme</i>	Polygonaceae	Kidney-leaved buckwheat	flower bracts glabrous, flowers yellow to red	2,4	A	N	Herb
ERIOG	<i>Eriogonum</i> sp.	Polygonaceae	Buckwheat		1,4,7,8			N
ERIOGa	<i>Eriogonum</i> sp. Annual	Polygonaceae	Annual buckwheat		4	A	N	Herb
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
ERUM	<i>Eriogonum umbellatum</i>	Polygonaceae	Sulfur flower	shrub; Infl umbel, flowers usually yellow	1	P	N	Shrub
GOLU	<i>Goodmania luteola</i>	Polygonaceae	Yellow spinecape		3,4,7	A	N	Herb
OXPE2	<i>Oxytheca perfoliata</i>	Polygonaceae	Saucer plant		1,2,3,4	A	N	Herb
PEAM8	<i>Persicaria amphibia</i>	Polygonaceae	Longroot smartweed	emergent or floating, stms decumbent; fl erect, deep pink	7	P	N	Herb
* PEAMA?	<i>Persicaria amphibia</i> var. <i>amphibia</i>	Polygonaceae	Longroot smartweed	<i>Persicaria amphibia</i>	5	P	N	Herb
PEHY6	<i>Persicaria hydropper</i>	Polygonaceae	Marshpepper	Plt bushy; Stm ascending to erect; Infl drooping, pink	2,7	P	E	Herb
PELA22	<i>Persicaria lapathifolia</i>	Polygonaceae	Curlytop knotweed	Stm asnd to erect; lvs w/ v-shape spot, stip w/ veins; Infl wht to pnk, drooping	2,6,7	A	N	Herb
* PEMA17	<i>Persicaria maculata</i>	Polygonaceae	Spotted lady's thumb	<i>Persicaria maculosa</i>	2,3,4,6,7	A	E	Herb
PEMA24	<i>Persicaria maculosa</i>	Polygonaceae	Peach-leaved lady's thumb	Stm erect; lvs gen w/ oval spot, stip stringy; Inf pink & white	2,3,4,6,7	A	E	Herb
* POAM8	<i>Polygonum amphibium</i>	Polygonaceae	Water knotweed	<i>Persicaria amphibia</i> ; emergent or floating, stms decumbent; fl erect, deep pink	7	P	N	Herb
* POAME	<i>Polygonum amphibium</i> var. <i>emersum</i>	Polygonaceae	Longroot smartweed	<i>Persicaria amphibia</i>	0	P	N	Herb
* POAMS	<i>Polygonum amphibium</i> var. <i>stipulaceum</i>	Polygonaceae	Floating water smartweed	<i>Persicaria amphibia</i>	2	P	N	Herb
* 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 stem	2,4,5,6,7	A	E	Herb
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
* POBI6	<i>Polygonum bistortoides</i>	Polygonaceae	American bistort	<i>Bistorta bistortoides</i> ; Stm erect, unbranched; Lvs 15-40cm; Infl oblong, dense	6	P	N	Herb
PODO4	<i>Polygonum douglasii</i>	Polygonaceae	Douglas' knotweed	stms erect, angl'd blw nodes; lvs sessile <8cm; flw pnk to wht, midrib drkr	6	A	N	Herb
* POHY	<i>Polygonum hydropper</i>	Polygonaceae	Marshpepper	<i>Persicaria hydropper</i> ; Plt bushy; Stm ascending to erect; Infl drooping, pink	2,7	P	E	Herb
* POLA4	<i>Polygonum lapathifolium</i>	Polygonaceae	Willow weed	<i>Persicaria lapathifolia</i> ; Stm asnd to erect; lvs w/ v-shape spot, stip w/ veins; Infl wht to pnk, drc	2,6,7	A	N	Herb
* POPE3	<i>Polygonum persicaria</i>	Polygonaceae	Peach-leaved lady's thumb	<i>Persicaria maculosa</i> ; Stm erect; lvs gen w/ oval spot, stip stringy; Inf pink & white	2,3,4,6,7	A	E	Herb
POSA23	<i>Polygonum salicifolium</i>	Polygonaceae	Willow-leaved knotweed		7	P	E	Herb
POLYG4	<i>Polygonum</i> sp.	Polygonaceae	Smartweed/Knotweed		1,4,6,7,8			

Inyo County Water Department Master Species List

January 23, 2013

SPECIES CODE	SPECIES	FAMILY	COMMON NAME	NAME CHANGES* OTHER NOTES	SOURCE CODE	Life Cycle	Life Form
PTDR	<i>Pterostegia drymarioides</i>	Polygonaceae	Valentine plant		2	A	N Herb
RUCA	<i>Rumex californicus</i>	Polygonaceae	Toothed willow dock		4	P	N Herb
RUCO2	<i>Rumex conglomeratus</i>	Polygonaceae	Clustered dock		2,7	P	E Herb
RUCR	<i>Rumex crispus</i>	Polygonaceae	Curly dock		1,2,3,4,5,6,7,8	P	E Herb
RUFU3	<i>Rumex fueginus</i>	Polygonaceae	Golden dock		2,3	AB	N Herb
* RUMA4	<i>Rumex maritimus</i>	Polygonaceae	Golden dock	<i>Rumex fueginus</i>	2,3	AB	N Herb
RUSA	<i>Rumex salicifolius</i>	Polygonaceae	Willow dock		4,7	P	N Herb
* RUSAD	<i>Rumex salicifolius</i> var. <i>denticulatus</i>	Polygonaceae	Toothed willow dock	<i>Rumex californicus</i>	2,4,7	P	N Herb
RUMEX	<i>Rumex</i> sp.	Polygonaceae	Dock/Sorrel		4,8		Herb
RUVI	<i>Rumex violascens</i>	Polygonaceae	Violet dock		6	AB	N Herb
POOL	<i>Portulaca oleracea</i>	Portulacaceae	Common purslane		2,4,7	A	E Herb
ACCO4	<i>Aconitum columbianum</i>	Ranunculaceae	Columbian monkshood		7	P	N Herb
ACONI	<i>Aconitum</i> sp.	Ranunculaceae	Monkshood		7	P	Herb
AQFO	<i>Aquilegia formosa</i>	Ranunculaceae	Western Columbine		4,7	P	N Herb
AQRA?	<i>Aquilegia ramosa</i>	Ranunculaceae		<i>Pob. Aquilegia formosa</i>	7		
CLL12	<i>Clematis ligusticifolia</i>	Ranunculaceae	Virgin's bower		1,2,4,7	P	N Shrub
DELPH	<i>Delphinium</i> sp.	Ranunculaceae	Larkspur		1		Herb
RAAQ	<i>Ranunculus aquatilis</i>	Ranunculaceae	White water buttercup		4,7	P	N Herb
* RAAQ2	<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
RAAQD	<i>Ranunculus aquatilis</i> var. <i>diffusus</i>	Ranunculaceae	Thread-leaf water buttercup		2,3,4,5	P	N Herb
RACY	<i>Ranunculus cymbalaria</i>	Ranunculaceae	Alkali buttercup		2,3,4,5,7	P	N Herb
* RACYS	<i>Ranunculus cymbalaria</i> var. <i>saximontanus</i>	Ranunculaceae	Alkali buttercup	<i>Ranunculus cymbalaria</i>	2,3,4,5,7	P	N Herb
RAHY	<i>Ranunculus hydrocharoides</i>	Ranunculaceae	Frog's-bit buttercup		2,4,7	P	N Herb
* 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
* 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
CELE2	<i>Ceanothus leucodermis</i>	Rhamnaceae	Chaparral whitethorn		1,2	P	N Shrub
CEANO	<i>Ceanothus</i> sp.	Rhamnaceae	Wild lilac/Ceanothus		1	P	N Shrub
CEVE9	<i>Ceanothus vestitus</i>	Rhamnaceae	Desert ceanothus		1,2,7	P	N Shrub
FRCA12	<i>Frangula californica</i>	Rhamnaceae	California coffeeberry		1	P	N Shrub
FRCAC7	<i>Frangula californica</i> ssp. <i>cuspidata</i>	Rhamnaceae	Pointed-leaf coffeeberry		4	P	N Shrub
FRCAT2	<i>Frangula californica</i> ssp. <i>tomentella</i>	Rhamnaceae	Hoary coffeeberry	Owens Valley plants most likely <i>F. californica</i> ssp. <i>cuspidata</i>	4,7	P	N Shrub
FRCAU	<i>Frangula californica</i> ssp. <i>ursina</i>	Rhamnaceae	Desert hoary coffeeberry		7	P	N Shrub
* RHCA	<i>Rhamnus californica</i>	Rhamnaceae	California coffeeberry	<i>Frangula californica</i>	1	P	N Shrub
RHAMN	<i>Rhamnus</i> sp.	Rhamnaceae	Buckthorn/ Coffeeberry		0	P	Shrub
* RHTO6	<i>Rhamnus tomentella</i>	Rhamnaceae	Hoary coffeeberry	<i>Frangula californica</i> ssp. <i>tomentella</i>	4,7	P	N Shrub
* 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
CELE3	<i>Cercocarpus ledifolius</i>	Rosaceae	Curly-leaf mountain-mahogany		7	P	N Shrub
CORA	<i>Coleogyne ramosissima</i>	Rosaceae	Blackbrush		1,2,4,8	P	N Shrub
DAFR6	<i>Dasiphora fruticosa</i>	Rosaceae	Shrubby cinquefoil		1	P	N Shrub
HODIM	<i>Holodiscus discolor</i> var. <i>microphyllus</i>	Rosaceae	Creambush		7	P	N Shrub
* HOMI3	<i>Holodiscus microphyllus</i>	Rosaceae	Creambush	<i>Holodiscus discolor</i> var. <i>microphyllus</i>	7	P	N Shrub
HOCO5	<i>Horkeliella congonis</i>	Rosaceae	Congdon's false horkelia		7	P	N Herb
HOPU8	<i>Horkeliella purpurascens</i>	Rosaceae	Purple false horkelia		7	P	N Herb
IVKI	<i>Ivesia kingii</i>	Rosaceae	Alkali mousetail		1,4,3	P	N Herb
IVKIK2	<i>Ivesia kingii</i> var. <i>kingii</i>	Rosaceae	Alkali mousetail		1,4,3	P	N Herb
* IVPU	<i>Ivesia purpurascens</i>	Rosaceae	Purple false horkelia	<i>Horkeliella purpurascens</i>	7	P	N Herb
MAPU	<i>Malus pumila</i>	Rosaceae	Apple		4,7	P	E Shrub
* MASY2	<i>Malus sylvestris</i>	Rosaceae	Apple	<i>Malus pumila</i>	4,7	P	E Shrub
POBI7	<i>Potentilla biennis</i>	Rosaceae	Biennial cinquefoil		2,4, 5	AB	N Herb

Inyo County Water Department Master Species List

January 23, 2013

SPECIES CODE	SPECIES	FAMILY	COMMON NAME	NAME CHANGES* OTHER NOTES	SOURCE CODE	Life Cycle	venar	Lifeform
* POFL	<i>Potentilla flabelliformis</i>	Rosaceae	Slender cinquefoil	<i>Potentilla gracilis</i> var. <i>flabelliformis</i>	2	P	N	Herb
* POFR4	<i>Potentilla fruticosa</i>	Rosaceae	Shrubby cinquefoil	<i>Dasiphora fruticosa</i>	1	P	N	Shrub
POGR9	<i>Potentilla gracilis</i>	Rosaceae	Slender cinquefoil		7	P	N	Herb
POGRE	<i>Potentilla gracilis</i> var. <i>elmeri</i>	Rosaceae	Alkali cinquefoil		2,4,7	P	N	Herb
POGRF	<i>Potentilla gracilis</i> var. <i>flabelliformis</i>	Rosaceae	Slender cinquefoil		2	P	N	Herb
* POPE23	<i>Potentilla pectinisetia</i>	Rosaceae	Alkali potentilla	<i>Potentilla gracilis</i> var. <i>elmeri</i>	2,3,7	P	N	Herb
POTEN	<i>Potentilla</i> sp.	Rosaceae	Cinquefoil		8	AP		Herb/Shrub
PRAN2	<i>Prunus andersonii</i>	Rosaceae	Desert peach		1,2,4,7	P	N	Shrub
PRDO	<i>Prunus domestica</i>	Rosaceae	European plum		7	P	E	Shrub
PRFR	<i>Prunus fremontii</i>	Rosaceae	Desert apricot		7	P	N	Shrub
PRUNU	<i>Prunus</i> sp.	Rosaceae	Plum/Cherry		8	P		Shrub
* PUGL2	<i>Purshia glandulosa</i>	Rosaceae	Sticky bitterbrush	<i>Purshia tridentata</i> var. <i>glandulosa</i>	1,2	P	N	Shrub
PUTR2	<i>Purshia tridentata</i>	Rosaceae	Antelope bitterbrush		7	P	N	Shrub
PUTRG	<i>Purshia tridentata</i> var. <i>glandulosa</i>	Rosaceae	Sticky bitterbrush		1,2,6,7	P	N	Shrub
PYCO	<i>Pyrus communis</i>	Rosaceae	Common pear		1	P	E	Shrub
PYRUS	<i>Pyrus</i> sp.	Rosaceae	Pear		7	P	E	Shrub
ROSA5	<i>Rosa</i> sp.	Rosaceae	Rose		4,7	P		Shrub
ROWO	<i>Rosa woodsii</i>	Rosaceae	Wood's rose		1,2,3,4,6,7,8	P	N	Shrub
ROWOU	<i>Rosa woodsii</i> var. <i>ultramontana</i>	Rosaceae	Intermountain rose		1,2,3,4,5,6,8	P	N	Shrub
RUAR9	<i>Rubus armeniacus</i>	Rosaceae	Himalayan blackberry		7	P	E	Shrub
* RUDI2	<i>Rubus discolor</i>	Rosaceae	Himalayan blackberry	<i>Rubus armeniacus</i>	7	P	E	Shrub
RULE	<i>Rubus leucodermis</i>	Rosaceae	Blackcap raspberry		6	P	N	Shrub
* RUPR	<i>Rubus procerus</i>	Rosaceae	Himalayan blackberry	<i>Rubus discolor</i>	7	P	E	Shrub
GAAP2	<i>Galium aparine</i>	Rubiaceae	Stickywilly		7	A	N	Herb
GAMA4	<i>Galium matthewsii</i>	Rubiaceae	Bushy bedstraw		2	P	N	Herb
GATRC	<i>Galium trifidum</i> ssp. <i>columbianum</i>	Rubiaceae	Threepetal bedstraw		7	P	N	Herb
* GATRP3	<i>Galium trifidum</i> ssp. <i>pacificum</i>	Rubiaceae	Threepetal bedstraw	<i>Galium trifidum</i> ssp. <i>columbianum</i>	7	P	N	Herb
POAN3	<i>Populus angustifolia</i>	Salicaceae	Narrow-leaved cottonwood		2	P	N	Shrub
* POBAT	<i>Populus balsamifera</i> ssp. <i>trichocarpa</i>	Salicaceae	Black cottonwood	<i>Populus trichocarpa</i>	7	P	N	Shrub
POBA2	<i>Populus balsamifera</i> ? (hybrid)	Salicaceae	Balsam poplar	<i>Prob. Populus balsamifera</i> ssp. <i>trichocarpa</i>	7	P		Shrub
POFR2	<i>Populus fremontii</i>	Salicaceae	Fremont's cottonwood/Alamo		1,2,3,4,5,6,7,8	P	N	Shrub
POFRX?	<i>Populus fremontii</i> x (hybrid)	Salicaceae	Cottonwood hybrid		7	P		Shrub
POFRN?	<i>Populus fremontii</i> x <i>nigra</i> ?	Salicaceae	Cottonwood hybrid		7	P		Shrub
PONI	<i>Populus nigra</i>	Salicaceae	Lombardy poplar		4,7	P	E	Shrub
* PONII	<i>Populus nigra</i> var. <i>italica</i>	Salicaceae	Lombardy poplar	<i>Populus nigra</i>	1	P	E	Shrub
POPUL	<i>Populus</i> sp.	Salicaceae	Cottonwood/Poplar		4	P		Shrub
POTR5	<i>Populus tremuloides</i>	Salicaceae	Quaking aspen	Shinning willow	7,8	P	N	Shrub
POTR15	<i>Populus trichocarpa</i>	Salicaceae	Black cottonwood		1	P	N	Shrub
POAC5	<i>Populus x acuminata</i>	Salicaceae	Narrow-leaved cottonwood	<i>Populus angustifolia</i> x <i>deltoides</i>	2	P	N	Shrub
SABA2	<i>Salix babylonica</i>	Salicaceae	Weeping willow		7	P	E	Shrub
SAEX	<i>Salix exigua</i>	Salicaceae	Coyote willow/Narrow-leaf willow	lvs narrow, silvery or gray	2,3,4,5,6,7,8	P	N	Shrub
SAGE2	<i>Salix geyeriana</i>	Salicaceae	Geyer's willow		7	P	N	Shrub
SAGO	<i>Salix gooddingii</i>	Salicaceae	Goodding's black willow	lvs narrow lanceolate, same color on both sides	4,6,7,8	P	N	Shrub
* 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
SALA3	<i>Salix laevigata</i>	Salicaceae	Red willow	stm young reddish; lvs lanceolate, lighter on underside	1,2,3,4,5,6,7,8	P	N	Shrub
SALA5	<i>Salix lasiandra</i>	Salicaceae	Pacific willow/Shinning willow	lvs w/ glands on petiole, very shiny	6	P	N	Shrub
SALAL	<i>Salix lasiandra</i> var. <i>lasiandra</i>	Salicaceae	Shinning willow	lvs w/ glands on petiole, upper surface very shiny	7	P	N	Shrub
SALA6	<i>Salix lasiolepis</i>	Salicaceae	Arroyo willow	many stms from crown; lvs lighter on underside, margin usu rolled under	0,4,7,8	P	N	Shrub
* SALAB3	<i>Salix lasiolepis</i> var. <i>braceliniae</i>	Salicaceae	Arroyo willow	var. <i>braceliniae</i> not recognized	1,3,4	P	N	Shrub

Inyo County Water Department Master Species List

January 23, 2013

SPECIES CODE	SPECIES	FAMILY	COMMON NAME	NAME CHANGES* OTHER NOTES	SOURCE CODE	Life Cycle	Life Cycle	Life Cycle
* 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
* SALU	<i>Salix lucida</i>	Salicaceae	Pacific willow/Shinning willow	<i>Salix lasiandra</i>	6	P	N	Shrub
* 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
SALU2	<i>Salix lutea</i>	Salicaceae	Yellow willow		7	P	N	Shrub
SASC	<i>Salix scouleriana</i>	Salicaceae	Scouler's willow		7	P	N	Shrub
SALIX	<i>Salix</i> sp.	Salicaceae	Willow		1,4,6,8	P		Shrub
ACNE2	<i>Acer negundo</i>	Sapindaceae	Box Elder		7	P	E	Shrub
ACER	<i>Acer</i> sp.	Sapindaceae	Maple		7	P		Shrub
SABA14	<i>Sarcobatus baileyi</i>	Sarcobataceae	Bailey greasewood		1	P	N	Shrub
SAVE4	<i>Sarcobatus vermiculatus</i>	Sarcobataceae	Greasewood		1,2,3,4,5,6,7,8	P	N	Shrub
* SAVEB	<i>Sarcobatus vermiculatus</i> var. <i>baileyi</i>	Sarcobataceae	Bailey greasewood	<i>Sarcobatus baileyi</i>	1	P	N	Shrub
ANCA10	<i>Anemopsis californica</i>	Saururaceae	Yerba mansa		1,2,3,4,5,6,7,8	P	N	Herb
LIGL2	<i>Lithophragma glabrum</i>	Saxifragaceae	Bulbous woodland-star		7	P	N	Herb
SCDE	<i>Scrophularia desertorum</i>	Scrophulariaceae	Desert figwort		2,7	P	N	Herb
SCROP	<i>Scrophularia</i> sp.	Scrophulariaceae	Figwort		4			
VERBA	<i>Verbascum</i> sp.	Scrophulariaceae	Mullein		1	B	E	Herb
VETH	<i>Verbascum thapsus</i>	Scrophulariaceae	Woolly mullein		1,2,4,6,7	B	E	Herb
AIAL	<i>Ailanthus altissima</i>	Simaroubaceae	Tree of heaven		1,2,4,7	P	E	Shrub
AILAN	<i>Ailanthus</i> sp.	Simaroubaceae	Ailanthus		1	P	E	Shrub
DATUR	<i>Datura</i> sp.	Solanaceae	Jimson-weed		4			
DAWR2	<i>Datura wrightii</i>	Solanaceae	Sacred datura		2,4,7,8	P	N	Herb
LYAN	<i>Lycium andersonii</i>	Solanaceae	Desert tomato/Anderson's wolfberry		1,2,3,4,7,8	P	N	Shrub
LYCO2	<i>Lycium cooperi</i>	Solanaceae	Peach thorn/Cooper's wolfberry		1,2,7	P	N	Shrub
LYCIU	<i>Lycium</i> sp.	Solanaceae	Desert-thorn		8	P		Shrub
NIAT	<i>Nicotiana attenuata</i>	Solanaceae	Coyote tobacco		1,2,4,6,7,8	A	N	Herb
ORNE	<i>Oryctes nevadensis</i>	Solanaceae	Nevada orocytes		2,4	A	N	Herb
PHCR4	<i>Physalis crassifolia</i>	Solanaceae	Yellow ground-cherry		2	P	N	Herb
SOAM	<i>Solanum americanum</i>	Solanaceae	American black nightshade		4,7	A	N	Herb
SODU	<i>Solanum dulcamara</i>	Solanaceae	Climbing nightshade		7	P	E	Herb
SORO	<i>Solanum rostratum</i>	Solanaceae	Buffalo-bur nightshade		4	A	E	Herb
SOLAN	<i>Solanum</i> sp.	Solanaceae	Nightshade		4,7			Herb
TACH2	<i>Tamarix chinensis</i>	Tamaricaceae	Five-stamen tamarisk	lvs oblong to lanceolate, fls in Sum, 5 petals, sepals entire	8	P	E	Shrub
TAPA4	<i>Tamarix parviflora</i>	Tamaricaceae	Four-petaled tamarisk	flowers in spring, four petals	1,2,4	P	E	Shrub
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
TAMAR2	<i>Tamarix</i> sp.	Tamaricaceae	Tamarisk/Salt Cedar		8	P	E	Shrub
ULPU	<i>Ulmus pumila</i>	Ulmaceae	Siberian elm		1,6,7,8	P	E	Shrub
ULMUS	<i>Ulmus</i> sp.	Ulmaceae	Elm		4,7	P	E	Shrub
URDI	<i>Urtica dioica</i>	Urticaceae	Stinging nettle		4,7,8	P	N	Herb
URDIH	<i>Urtica dioica</i> ssp. <i>holosericea</i>	Urticaceae	Stinging nettle		2,4,5,6,7	P	N	Herb
URTIC	<i>Urtica</i> sp.	Urticaceae	Stinging nettle		3,4	P		
VEBR	<i>Verbena bracteata</i>	Verbenaceae	Bigbract verbena		4,8	AB	N	Herb
VINE	<i>Viola nephrophylla</i>	Violaceae	Northern bog violet		2,7	AP	N	Herb
VISO	<i>Viola sororia</i>	Violaceae	Common blue violet		7	AP	N	Herb
* VISOA	<i>Viola sororia</i> ssp. <i>affinis</i>	Violaceae	Northern bog violet	<i>Viola nephrophylla</i>	2,7	AP	N	Herb
PARTH3	<i>Parthenocissus</i> sp.	Vitaceae	Virginia creeper/Woodbine		1	P		Shrub
PAVI5	<i>Parthenocissus vitacea</i>	Vitaceae	Woodbine		5,7	P	N	Shrub
VITIS	<i>Vitis</i> sp.	Vitaceae	Grape		7	P		Shrub
VIVI5	<i>Vitis vinifera</i>	Vitaceae	Wine grape		7	P	E	Shrub
LATR2	<i>Larrea tridentata</i>	Zygophyllaceae	Creosote bush		1,2	P	N	Shrub

Inyo County Water Department Master Species List

January 23, 2013

SPECIES CODE	SPECIES	FAMILY	COMMON NAME	NAME CHANGES* OTHER NOTES	SOURCE CODE	Life Cycle	Life Form
TRIBU	<i>Tribulus sp.</i>	Zygophyllaceae	Goathead/Puncturevine			A	E Herb
TRTE	<i>Tribulus terrestris</i>	Zygophyllaceae	Goathead/Puncturevine		2,4,6,7	A	E Herb
Monocotyledons							
SALA2	<i>Sagittaria latifolia</i>	Alismataceae	Broadleaf arrowhead		4,2,7	P	N Herb
ALBI2	<i>Allium bisceptrum</i>	Alliaceae	Twincrest onion		7	P	N Herb
ALFI2	<i>Allium fimbriatum</i>	Alliaceae	Fringed onion		2	P	N Herb
ALLIU	<i>Allium sp.</i>	Alliaceae	Onion		7	P	Herb
LEGI	<i>Lemna gibba</i>	Araceae	Inflated duckweed		5,7	P	N Herb
LEMI3	<i>Lemna minor</i>	Araceae	Common duckweed		2,3,5,7	P	N Herb
* LEM19	<i>Lemna minuscula</i>	Araceae	Least duckweed	<i>Lemna minuta</i>	2,3,5,7	P	N Herb
LEMI6	<i>Lemna minuta</i>	Araceae	Least duckweed		2,3,5	P	N Herb
LEMNA	<i>Lemna sp.</i>	Araceae	Duckweed		1,6,7,8	P	N Herb
LEVA	<i>Lemna valdiviana</i>	Araceae	Valdivia duckweed		2	P	N Herb
SPPO	<i>Spirodela polyrrhiza</i>	Araceae	Greater duckweed		2,3,5	P	N Herb
SPIRO	<i>Spirodela sp.</i>	Araceae	Duckmeat		7	P	N Herb
ASOF	<i>Asparagus officinalis</i>	Asparagaceae	Garden asparagus		1,2,4,6,7,8	P	E Herb
ASPAR	<i>Asparagus sp.</i>	Asparagaceae	Asparagus		1	P	E Herb
AMNE3	<i>Amphiscirpus nevadensis</i>	Cyperaceae	Nevada bulrush	1 long involuclral bract	1,2,3,4,7	P	N Grass
BORO5	<i>Bolboschoenus robustus</i>	Cyperaceae	Sturdy bulrush	2-4 long involuclral bracts, spikelets not too dense	7	P	N Grass
CAAB2	<i>Carex abrupta</i>	Cyperaceae	Abruptbeak sedge	infl compact, ovate to roundish, bracts very small	7	P	N Grass
CAAT3	<i>Carex athrostachya</i>	Cyperaceae	Slenderbeak sedge	compact infl w/ 2-3 spreading leafy bracts, tufted plants	6	P	N Grass
CAAU3	<i>Carex aurea</i>	Cyperaceae	Golden sedge	2-4 spikes, pistillate terminal, longish leafy bracts	7	P	N Grass
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
* 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
CANE2	<i>Carex nebrascensis</i>	Cyperaceae	Nebraska sedge	large blue-green sedge	1,2,5,6,7,8	P	N Grass
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
CAPR5	<i>Carex praegracilis</i>	Cyperaceae	Clustered field sedge	infl < 1cm wide, more than 1 bract, upper infl stalk 3-sided	1,2,3,4,5,7,8	P	N Grass
CASI2	<i>Carex simulata</i>	Cyperaceae	Alalogne sedge	infl < 1cm wide, more than 1 bract, upper inf stalk round	1,6,7	P	N Grass
CAREX	<i>Carex sp.</i>	Cyperaceae	Sedge/Carex		1,4,6,8	P	N Grass
* CYAR3	<i>Cyperus aristatus</i>	Cyperaceae	Bearded flatsedge	<i>Cyperus squarrosus</i>	2	A	N Grass
CYBI6	<i>Cyperus bipartitus</i>	Cyperaceae	Slender flatsedge	Infl bracts 2-3, rays 1-4	1,7	A	N Grass
CYES	<i>Cyperus esculentus</i>	Cyperaceae	Taboose/Yellow nutgrass	Infl bracts 3-7, rays 5-10	1	P	N Grass
CYLA2	<i>Cyperus laevigatus</i>	Cyperaceae	Smooth flatsedge	Infl compact, bracts 1-3, rays 0	7	P	N Grass
CYNI2	<i>Cyperus niger</i>	Cyperaceae	Black flatsedge	Infl compact, bracts 2-3, rays 0-2 (short)	7	P	N Grass
* CYNIC	<i>Cyperus niger var. capitatus</i>	Cyperaceae	Black flatsedge	<i>Cyperus niger</i> ; var. <i>capitatus</i> not recognized	7	P	N Grass
* CYRI	<i>Cyperus rivularis</i>	Cyperaceae	Slender flatsedge	<i>Cyperus bipartitus</i>	1	A	N Grass
CYPER	<i>Cyperus sp.</i>	Cyperaceae	Flatsedge		1,4,6		Grass
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
ELMA5	<i>Eleocharis macrostachya</i>	Cyperaceae	Pale spikerush		1,3,4,5,6,7	P	N Grass
ELPA3	<i>Eleocharis palustris</i>	Cyperaceae	Common spikerush		1,3,4,5,6,7,8	P	N Grass
ELPA4	<i>Eleocharis parishii</i>	Cyperaceae	Parish spikerush		1,2,3,4,5,6,7	P	N Grass
ELRO2	<i>Eleocharis rostellata</i>	Cyperaceae	Walking spikerush		2,3,5,7	P	N Grass
ELEOC	<i>Eleocharis sp.</i>	Cyperaceae	Spikerush		1,4,6,7,8		Grass
FITH	<i>Fimbristylis thermalis</i>	Cyperaceae	Hot springs fimbristylis		7	P	N Grass
LIMI12	<i>Lipocarpha micrantha</i>	Cyperaceae	Smallflower halfchaff sedge		7	A	N Grass
LIOC3	<i>Lipocarpha occidentalis</i>	Cyperaceae	Western halfchaff sedge		7	A	N Grass
SCAC3	<i>Schoenoplectus acutus</i>	Cyperaceae	Hardstem bulrush	round stemmed	4,7	P	N Grass
SCACO2	<i>Schoenoplectus acutus var. occidentalis</i>	Cyperaceae	Common tule		1,2,3,5,6,8	P	N Grass
SCAM6	<i>Schoenoplectus americanus</i>	Cyperaceae	Concave threesquare	3-sided conspicuously concave	1,2,3,4,5,6,7,8	P	N Grass

Inyo County Water Department Master Species List

January 23, 2013

SPECIES CODE	SPECIES	FAMILY	COMMON NAME	NAME CHANGES* OTHER NOTES	SOURCE CODE	Life Cycle	venar	Lifemore
* 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
SCPU10	<i>Schoenoplectus pungens</i>	Cyperaceae	Common threesquare	3-sided not concave	3,4,5,7	P	N	Grass
SCPUL4	<i>Schoenoplectus pungens</i> var. <i>longispicatus</i>	Cyperaceae	Western common threesquare	3-sided not concave	3,4,5,7	P	N	Grass
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
* 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
SCHOE6	<i>Schoenoplectus</i> sp.	Cyperaceae	Blurush		8	P	N	Grass
* SCAC	<i>Scirpus acutus</i>	Cyperaceae	Hardstem bulrush	<i>Schoenoplectus acutus</i> ; round stemmed	4,7	P	N	Grass
* 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
* 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
* 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
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
* SCMAM	<i>Scirpus maritimus</i> var. <i>macrostachyus</i>	Cyperaceae	Sturdy bulrush	<i>Scirpus robustus</i>	7	P	N	Grass
* SCMAP	<i>Scirpus maritimus</i> var. <i>paludosus</i>	Cyperaceae	Saltmarsh bulrush	<i>Scirpus maritimus</i>	1,2,3	P	N	Grass
SCM12	<i>Scirpus microcarpus</i>	Cyperaceae	Panicled bulrush	leafy stemmed, numerous spikelets	1,2,4,6,7	P	N	Grass
* SCNE	<i>Scirpus nevadensis</i>	Cyperaceae	Nevada bulrush	<i>Amphiscirpus nevadensis</i> ; 1 long involuclral bract	1,2,3,4,7	P	N	Grass
* SCPU3	<i>Scirpus pungens</i>	Cyperaceae	Common threesquare	<i>Schoenoplectus pungens</i> ; 3-sided not concave	3,4,5,7	P	N	Grass
* 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
SCIRP	<i>Scirpus</i> sp.	Cyperaceae	Bulrush/Tule		4,8			Grass
ELCA7	<i>Elodea canadensis</i>	Hydrocharitaceae	Common waterweed		3,5,7	P	N	Herb
IRMI	<i>Iris missouriensis</i>	Iridaceae	Western iris		1,2,3,4,6,7,8	P	N	Herb
IRIS	<i>Iris</i> sp.	Iridaceae	Iris		8	P		Herb
SIHA2	<i>Sisyrinchium halophilum</i>	Iridaceae	Nevada blue-eyed grass		1,2,3,4,7	P	N	Herb
SISYR	<i>Sisyrinchium</i> sp.	Iridaceae	Blue-eyed grass		7	P		Herb
JUBA	<i>Juncus balticus</i>	Juncaceae	Baltic rush		1,2,3,4,5,6,7,8	P	N	Grass
JUBU	<i>Juncus bufonius</i>	Juncaceae	Toad rush		2,7	A	N	Grass
JUEN	<i>Juncus ensifolius</i>	Juncaceae	Swordleaf rush		1,4,7	P	N	Grass
JUMA2	<i>Juncus macrandrus</i>	Juncaceae	Longanther rush		2,6	P	N	Grass
JUMA5	<i>Juncus maritimus</i>	Juncaceae	Sea rush		7	P	E	Grass
JUME4	<i>Juncus mexicanus</i>	Juncaceae	Mexican rush		2,7	P	N	Grass
JUNE	<i>Juncus nevadensis</i>	Juncaceae	Sierra rush		7	P	N	Grass
JUOR	<i>Juncus orthophyllus</i>	Juncaceae	Straightleaf rush		1,6,7	P	N	Grass
JUOX	<i>Juncus oxymiris</i>	Juncaceae	Pointed rush		2	P	N	Grass
JURU	<i>Juncus rugulosus</i>	Juncaceae	Wrinkled rush		2,7	P	N	Grass
JUNCU	<i>Juncus</i> sp.	Juncaceae	Rush		4,7,8			Grass
JUTO	<i>Juncus torreyi</i>	Juncaceae	Torrey's rush		1,2,3,7	P	N	Grass
JUXI	<i>Juncus xiphioides</i>	Juncaceae	Iris-leaved rush		2,7	P	N	Grass
TRCO19	<i>Triglochin concinna</i>	Juncaginaceae	Slender arrowgrass		4,7	P	N	Grass
TRCOD	<i>Triglochin concinna</i> var. <i>debilis</i>	Juncaginaceae	Weak arrowgrass		1,3,4,7	P	N	Grass
TRMA20	<i>Triglochin maritimum</i>	Juncaginaceae	Seaside arrowgrass		0	P	N	Grass
TRIGL	<i>Triglochin</i> sp.	Juncaginaceae	Arrowgrass		4	P	N	Grass
CABR4	<i>Calochortus bruneauensis</i>	Liliaceae	Sego lily		7	P	N	Herb
CAEX2	<i>Calochortus excavatus</i>	Liliaceae	Inyo County star tulip		1,2,3,4,7,8	P	N	Herb
CALOC	<i>Calochortus</i> sp.	Liliaceae	Mariposa lily/Star tulip		7	P		Herb
TOPA	<i>Toxicoscordion paniculatum</i>	Melanthiaceae	Foothill death camas		2	P	N	Herb
TOVE	<i>Toxicoscordion venenosum</i>	Melanthiaceae	Meadow death camas		2,3,4,7	P	N	Herb
* ZIPA2	<i>Zigadenus paniculatus</i>	Melanthiaceae	Foothill death camas	<i>Toxicoscordion paniculatum</i>	2	P	N	Herb
* ZIVE	<i>Zigadenus venenosus</i>	Melanthiaceae	Meadow death camas	<i>Toxicoscordion venenosum</i>	2,3,4,7	P	N	Herb
EPGI	<i>Epipactis gigantea</i>	Orchidaceae	Stream orchid		2,3,4,5,7	P	N	Herb
* HABEN	<i>Habenaria</i> sp.	Orchidaceae	Bog-orchid	<i>Platanthera</i> sp.	7	P	N	Herb

Inyo County Water Department Master Species List

January 23, 2013

SPECIES CODE	SPECIES	FAMILY	COMMON NAME	NAME CHANGES* OTHER NOTES	SOURCE CODE	Life Cycle	juv	venar	Lifeform
* HASP5	<i>Habenaria sparsiflora</i>	Orchidaceae	Sparse-flowered bog-orchid	<i>Platanthera sparsiflora</i>	2	P	N	Herb	
PLDIL	<i>Platanthera dilatata</i> var. <i>leucostachys</i>	Orchidaceae	White-flowered bog orchid		4	P	N	Herb	
* PLLE5	<i>Platanthera leucostachys</i>	Orchidaceae	White-flowered bog orchid	<i>Platanthera dilatata</i> var. <i>leucostachys</i>	4	P	N	Herb	
PLATA2	<i>Platanthera</i> sp.	Orchidaceae	Bog-orchid		7	P	N	Herb	
PLSP2	<i>Platanthera sparsiflora</i>	Orchidaceae	Sparse-flowered bog orchid		2	P	N	Herb	
* ACHY	<i>Achnatherum hymenoides</i>	Poaceae	Indian ricegrass	<i>Stipa hymenoides</i>	1,2,3,4,7,8	P	N	Grass	
* ACOCO	<i>Achnatherum occidentale</i> ssp. <i>occidentale</i>	Poaceae	Western needlegrass	<i>Stipa occidentalis</i> var. <i>occidentalis</i>	1	P	N	Grass	
* ACPA13	<i>Achnatherum parishii</i>	Poaceae	Tall needlegrass	<i>Stipa parishii</i>	2	P	N	Grass	
* ACHNA	<i>Achnatherum</i> sp.	Poaceae	Needlegrass	<i>Stipa</i> sp.	1,7,8	P		Grass	
* ACSF12	<i>Achnatherum speciosum</i>	Poaceae	Desert needlegrass	<i>Stipa speciosa</i>	1,2,3,4,7	P	N	Grass	
* AGEL3	<i>Agropyron elongatum</i>	Poaceae	Tall wheatgrass	<i>Elymus ponticus</i>	7	P	E	Grass	
* AGIN2	<i>Agropyron intermedium</i>	Poaceae	Intermediate wheatgrass	<i>Elymus hispidus</i>	1	P	E	Grass	
AGROP2	<i>Agropyron</i> sp.	Poaceae	Wheatgrass		7	P	E	Grass	
* AGAL3	<i>Agrostis alba</i>	Poaceae	Redtop	<i>Agrostis gigantea</i>	1,3	P	E	Grass	
AGEX	<i>Agrostis exarata</i>	Poaceae	Spike bentgrass		7	P	N	Grass	
AGGI2	<i>Agrostis gigantea</i>	Poaceae	Redtop		1,3,8	P	E	Grass	
AGSC5	<i>Agrostis scabra</i>	Poaceae	Rough bentgrass		7	P	N	Grass	
AGROS2	<i>Agrostis</i> sp.	Poaceae	Bentgrass		1	P		Grass	
AGST2	<i>Agrostis stolonifera</i>	Poaceae	Creeping bentgrass		1,7	P	E	Grass	
* AGVI11	<i>Agrostis viridis</i>	Poaceae	Water bentgrass	<i>Polypogon viridis</i>	0,7	P	E	Grass	
ARAD	<i>Aristida adscensionis</i>	Poaceae	Six-weeks three-awn		6	A	N	Grass	
ARIST	<i>Aristida</i> sp.	Poaceae	Three-awn		1			Grass	
AVFA	<i>Avena fatua</i>	Poaceae	Wild oat		4	A	E	Grass	
AVSA	<i>Avena sativa</i>	Poaceae	Common Oat		0,4	A	E	Grass	
AVENA	<i>Avena</i> sp.	Poaceae	Oat		8	A	E	Grass	
BOUTE	<i>Bouteloua</i> sp.	Poaceae	Gramma		1	AP	N	Grass	
BRAR4	<i>Bromus arizonicus</i>	Poaceae	Arizona brome		2	A	N	Grass	
BRCA5	<i>Bromus carinatus</i>	Poaceae	California brome		7	P	N	Grass	
BRCA6	<i>Bromus catharticus</i>	Poaceae	Rescuegrass		1,2,4,5,6,7	A	E	Grass	
BRCO4	<i>Bromus commutatus</i>	Poaceae	Hairy brome		1	A	E	Grass	
BRDI3	<i>Bromus diandrus</i>	Poaceae	Ripgut brome		2,6,7	A	E	Grass	
BRHO2	<i>Bromus hordeaceus</i>	Poaceae	Soft brome		7	A	E	Grass	
BRIN2	<i>Bromus inermis</i>	Poaceae	Smooth brome		2,6	P	E	Grass	
BRJA	<i>Bromus japonicus</i>	Poaceae	Japanese brome		0,7	A	E	Grass	
BRMAR	<i>Bromus madritensis</i> ssp. <i>rubens</i>	Poaceae	Red brome		1,2,3,4,7,8	A	E	Grass	
* BRR1	<i>Bromus rigidus</i>	Poaceae	Ripgut brome	<i>Bromus diandrus</i>	6	A	E	Grass	
* BRRU2	<i>Bromus rubens</i>	Poaceae	Red brome	<i>Bromus madritensis</i> ssp. <i>rubens</i>	1,2,3,4,8	A	E	Grass	
BROMU	<i>Bromus</i> sp.	Poaceae	Brome		4,8			Grass	
BRTE	<i>Bromus tectorum</i>	Poaceae	Cheatgrass		1,2,3,4,6,7,8	A	E	Grass	
* BRWI	<i>Bromus willdenowii</i>	Poaceae	Rescuegrass	<i>Bromus catharticus</i>	1	A	E	Grass	
CAPU	<i>Calamagrostis purpurascens</i>	Poaceae	Purple reedgrass		0	P	N	Grass	
CELO3	<i>Cenchrus longispinus</i>	Poaceae	Mat sandbur		6	A	E	Grass	
CHLOR	<i>Chloris</i> sp.	Poaceae	Windmill grass		1			E Grass	
CYDA	<i>Cynodon dactylon</i>	Poaceae	Bermudagrass		1,2,3,4,5,6,7,8	P	E	Grass	
DAGL	<i>Dactylis glomerata</i>	Poaceae	Orchardgrass		1,4,6	P	E	Grass	
DACA3	<i>Danthonia californica</i>	Poaceae	California oatgrass		7	P	N	Grass	
* DASE	<i>Danthonia semiannularis</i>	Poaceae	Tasmanian wallaby grass	<i>Rytidosperma semiannulare</i>	1	P	E	Grass	
DANTH	<i>Danthonia</i> sp.	Poaceae	Oatgrass		0	P		Grass	
* DECA18	<i>Deschampsia caespitosa</i>	Poaceae	Tufted hairgrass	<i>Deschampsia caespitosa</i>	7	P	N	Grass	

Inyo County Water Department Master Species List

January 23, 2013

SPECIES CODE	SPECIES	FAMILY	COMMON NAME	NAME CHANGES* OTHER NOTES	SOURCE CODE	Life Cycle	Life Cycle	Life Cycle
DECE	<i>Deschampsia cespitosa</i>	Poaceae	Tufted hairgrass		7	P	N	Grass
DEDA	<i>Deschampsia danthonioides</i>	Poaceae	Annual hairgrass		7	A	N	Grass
* DEMA3	<i>Deschampsia mackenzieana</i>	Poaceae	Tufted hairgrass	<i>Deschampsia cespitosa</i>	4	P	N	Grass
DISA	<i>Digitaria sanguinalis</i>	Poaceae	Hairy crabgrass		2,6,8	A	E	Grass
DISP	<i>Distichlis spicata</i>	Poaceae	Saltgrass		1,2,3,4,5,6,7,8	P	N	Grass
* DISPS2	<i>Distichlis spicata</i> var. <i>stricta</i>	Poaceae	Saltgrass	<i>Distichlis spicata</i>	4,5,6,7	P	N	Grass
ECCR	<i>Echinochloa crus-galli</i>	Poaceae	Barnyardgrass		1,2,4,6,7	A	E	Grass
ELIN3	<i>Eleusine indica</i>	Poaceae	Indian goosegrass		6	A	E	Grass
ELCI	<i>Elymus cinereus</i>	Poaceae	Great Basin wildrye		1,2,3,4,6,7,8	P	N	Grass
ELEL5	<i>Elymus elymoides</i>	Poaceae	Squirrel-tail grass		1,3,4,7,8	P	N	Grass
ELELE	<i>Elymus elymoides</i> ssp. <i>elymoides</i>	Poaceae	Bottlebrush squirrel-tail grass		0	P	N	Grass
ELGL	<i>Elymus glaucus</i>	Poaceae	Blue wild Rye		2	P	N	Grass
ELHI6	<i>Elymus hispidus</i>	Poaceae	Intermediate wheatgrass		1	P	E	Grass
ELPO2	<i>Elymus ponticus</i>	Poaceae	Tall wheatgrass		1,6,7	P	E	Grass
ELTR7	<i>Elymus trachycaulus</i>	Poaceae	Slender wheatgrass		7,8	P	N	Grass
ELTR	<i>Elymus tritocoides</i>	Poaceae	Beardless/Creeping wildrye		1,2,3,4,5,6,7,8	P	N	Grass
* ELEL6	<i>Elytrigia elongata</i>	Poaceae	Tall wheatgrass	<i>Elymus ponticus</i>	1,6,7	P	E	Grass
* ELIN7	<i>Elytrigia intermedia</i>	Poaceae	Intermediate wheatgrass	<i>Elymus hispidus</i>	1	P	E	Grass
* ELPO	<i>Elytrigia pontica</i>	Poaceae	Black Sea wheatgrass	<i>Elymus ponticus</i>	7	P	E	Grass
ERCI	<i>Eragrostis cilianensis</i>	Poaceae	Stinkgrass		1,4,6,8	A	E	Grass
ERCU2	<i>Eragrostis curvula</i>	Poaceae	Weeping lovegrass		1	P	E	Grass
ERMEV	<i>Eragrostis mexicana</i> ssp. <i>virescens</i>	Poaceae	Green mexican lovegrass		1,4	A	N	Grass
* EROR	<i>Eragrostis orcuttiana</i>	Poaceae	Green mexican lovegrass	<i>Eragrostis mexicana</i> ssp. <i>virescens</i>	1	A	N	Grass
ERPE	<i>Eragrostis pectinacea</i>	Poaceae	Tufted lovegrass		1,6,7	A	N	Grass
ERPEM	<i>Eragrostis pectinacea</i> var. <i>miserrima</i>	Poaceae	Desert lovegrass		7	A	N	Grass
ERAGR	<i>Eragrostis</i> sp.	Poaceae	Lovegrass		7,8			Grass
* FEAR	<i>Festuca arida</i>	Poaceae	Desert fescue	<i>Festuca microstachys</i>	1	A	N	Grass
FEAR3	<i>Festuca arundinacea</i>	Poaceae	Tall fescue		1,5,6,7	P	E	Grass
FEMI2	<i>Festuca microstachys</i>	Poaceae	Desert fescue		1,2,3	A	N	Grass
FEMY2	<i>Festuca myuros</i>	Poaceae	Rattail fescue		7	A	E	Grass
FEOC	<i>Festuca occidentalis</i>	Poaceae	Western fescue		0	P	N	Grass
FEOC3	<i>Festuca octoflora</i>	Poaceae	Sixweeks fescue		1	A	N	Grass
* FEOCH3	<i>Festuca octoflora</i> ssp. <i>hirtella</i>	Poaceae	Sixweeks fescue	<i>Festuca octoflora</i>	2	A	N	Grass
FEPE	<i>Festuca perennis</i>	Poaceae	Perennial ryegrass		4,7,8	AP	E	Grass
FEPR	<i>Festuca pratensis</i>	Poaceae	Meadow fescue		0,4,7	P	E	Grass
* FERER2	<i>Festuca reflexa</i>	Poaceae	Reflex fescue	<i>Festuca microstachys</i>	1,2	A	N	Grass
FESTU	<i>Festuca</i> sp.	Poaceae	Fescue		1,4,6,7,8	P		Grass
GLST	<i>Glyceria striata</i>	Poaceae	Fowl mannagrass		7	P	N	Grass
* HECO26	<i>Hesperostipa comata</i>	Poaceae	Needle-and-thread grass	<i>Stipa comata</i>	7	P	N	Grass
HOLA	<i>Holcus lanatus</i>	Poaceae	Velvetgrass		1,2,4,6,7	P	E	Grass
HOBR2	<i>Hordeum brachyantherum</i>	Poaceae	Meadow barley		6,7,8	P	N	Grass
HOJU	<i>Hordeum jubatum</i>	Poaceae	Foxtail barley		1,2,3,4,5,6,7,8	A	N	Grass
HOMU	<i>Hordeum murinum</i>	Poaceae	Mouse barley		7,8	A	E	Grass
HOMUL	<i>Hordeum murinum</i> ssp. <i>leporinum</i>	Poaceae	Hare barley		2,3,4,5	A	E	Grass
HORDE	<i>Hordeum</i> sp.	Poaceae	Barley		1,4,8			Grass
LAMAR	<i>Lamarckia</i> sp.	Poaceae	Goldentop grass		1	A	E	Grass
LEOR	<i>Leersia oryzoides</i>	Poaceae	Rice cutgrass		7	P	N	Grass
* LEFA	<i>Leptochloa fascicularis</i>	Poaceae	Bearded sprangletop	<i>Leptochloa fusca</i> ssp. <i>fascicularis</i>	1,2,4,7	A	N	Grass
LEFUF	<i>Leptochloa fusca</i> ssp. <i>fascicularis</i>	Poaceae	Bearded sprangletop		1,2,4,7	A	N	Grass

Inyo County Water Department Master Species List

January 23, 2013

SPECIES CODE	SPECIES	FAMILY	COMMON NAME	NAME CHANGES* OTHER NOTES	SOURCE CODE	Life Cycle	Life Cycle	Life Cycle
LEPTO	<i>Leptochloa</i> sp.	Poaceae	Sprangletop		1			Grass
* LECI4	<i>Leymus cinereus</i>	Poaceae	Great Basin wildrye	<i>Elymus cinereus</i>	1,2,3,4,6,7,8	P	N	Grass
* LEGL?	<i>Leymus glaucus</i>	Poaceae	Blue wildrye	not in Jep or IMF, (?) <i>Elymus glaucus</i>	7		N	
LEYMU	<i>Leymus</i> sp.	Poaceae	Wildrye		7	P		Grass
* LETR5	<i>Leymus triticooides</i>	Poaceae	Beardless/Creeping wildrye	<i>Elymus triticooides</i>	1,2,3,4,5,6,7,8	P	N	Grass
* LOAR10	<i>Lolium arundinaceum</i>	Poaceae	Tall fescue	<i>Festuca arundinacea</i>	8	P	E	Grass
LOMU	<i>Lolium multiflorum</i>	Poaceae	Italian ryegrass	<i>Festuca perennis</i>	7	AB	E	Grass
LOPE	<i>Lolium perenne</i>	Poaceae	Perennial ryegrass	<i>Festuca perennis</i>	4,7,8	AP	E	Grass
* LOPEM2	<i>Lolium perenne</i> ssp. <i>multiflorum</i>	Poaceae	Italian ryegrass	<i>Festuca perennis</i>	1,4,6	AB	E	Grass
LOLIU	<i>Lolium</i> sp.	Poaceae	Ryegrass		1,8		E	Grass
MEST	<i>Melica stricta</i>	Poaceae	Rock melicgrass		7	P	N	Grass
MUAS	<i>Muhlenbergia asperifolia</i>	Poaceae	Alkali muhly/scratchgrass		1,2,3,4,6,7,8	P	N	Grass
MUF12	<i>Muhlenbergia filiformis</i>	Poaceae	Pullup muhly		7	A	N	Grass
MUMI2	<i>Muhlenbergia minutissima</i>	Poaceae	Annual muhly		7	A	N	Grass
MURA	<i>Muhlenbergia racemosa</i>	Poaceae	Marsh muhly	not documented in CA!	1	P	E	Grass
MURI	<i>Muhlenbergia richardsonis</i>	Poaceae	Mat muhly		1,7	P	N	Grass
MURI2	<i>Muhlenbergia rigens</i>	Poaceae	Deer grass		1	P	N	Grass
MUHLE	<i>Muhlenbergia</i> sp.	Poaceae	Muhly		1		AP	Grass
* ORHY	<i>Oryzopsis hymenoides</i>	Poaceae	Indian ricegrass	<i>Stipa hymenoides</i>	1,2,3,4,7	P	N	Grass
PAAC5	<i>Panicum acuminatum</i>	Poaceae	Tapered rosette grass		7	P	N	Grass
PACA6	<i>Panicum capillare</i>	Poaceae	Witchgrass		1,3,4,6,7,8	A	N	Grass
PADI	<i>Panicum dichotomiflorum</i>	Poaceae	Fall panicgrass		1	A	E	Grass
PANIC	<i>Panicum</i> sp.	Poaceae	Panic grass		1,4,7			Grass
PADI6	<i>Paspalum distichum</i>	Poaceae	Knotgrass		1,2,3,4,6,7,8	P	N	Grass
PASPA2	<i>Paspalum</i> sp.	Poaceae	Crowngrass		0,1,4	P		Grass
PHAR3	<i>Phalaris arundinacea</i>	Poaceae	Reed canarygrass		1,6,7	P	N	Grass
PHPR3	<i>Phleum pratense</i>	Poaceae	Cultivated timothy		1,6,7	P	E	Grass
PHLEU	<i>Phleum</i> sp.	Poaceae	Timothy		1		AP	Grass
PHAU7	<i>Phragmites australis</i>	Poaceae	Common reed		1,2,3,4,5,6,7,8	P	N	Grass
* PHCO15	<i>Phragmites communis</i>	Poaceae	Common reed	<i>Phragmites australis</i>	1,2,3,4,5,6	P	N	Grass
PHRAG	<i>Phragmites</i> sp.	Poaceae	Reed		2,4,8	P		Grass
POAN	<i>Poa annua</i>	Poaceae	Annual bluegrass		2,4,5,6,7	AB	E	Grass
POCO	<i>Poa compressa</i>	Poaceae	Canadian bluegrass		7	P	E	Grass
POFE	<i>Poa fendleriana</i>	Poaceae	Mutton grass		8	P	N	Grass
POFEL	<i>Poa fendleriana</i> ssp. <i>longiligula</i>	Poaceae	Longtongue mutton grass		2	P	N	Grass
* POJU	<i>Poa juncifolia</i>	Poaceae	Alkali bluegrass	<i>Poa secunda</i> ssp. <i>juncifolia</i>	1,2,6	P	N	Grass
* PONE3	<i>Poa nevadensis</i>	Poaceae	Alkali bluegrass	<i>Poa secunda</i> ssp. <i>juncifolia</i>	1,2,3,6		N	Grass
POPA2	<i>Poa palustris</i>	Poaceae	Fowl bluegrass		6,7,4	P	E	Grass
POPR	<i>Poa pratensis</i>	Poaceae	Kentucky bluegrass		1,2,6,7,8	P	E	Grass
* POSA12	<i>Poa sanbergii</i>	Poaceae	One-sided bluegrass	<i>Poa secunda</i> ssp. <i>secunda</i>	1	P	N	Grass
* POSC	<i>Poa scabrella</i>	Poaceae	Pine bluegrass	<i>Poa secunda</i> ssp. <i>secunda</i>	1,2,6	P	N	Grass
POSE	<i>Poa secunda</i>	Poaceae	Pine bluegrass/Sandberg bluegrass		7,8	P	N	Grass
POSEJ	<i>Poa secunda</i> ssp. <i>juncifolia</i>	Poaceae	Alkali bluegrass		4,7	P	N	Grass
POSEN?	<i>Poa secunda</i> ssp. <i>nevadensis</i>	Poaceae	Nevada bluegrass	Not listed in Jepson or IMF	1,2,3	P	N	Grass
POSES6	<i>Poa secunda</i> ssp. <i>secunda</i>	Poaceae	One-sided bluegrass		1,2,6	P	N	Grass
POA	<i>Poa</i> sp.	Poaceae	Bluegrass		1,4,6,8			Grass
POIN7	<i>Polypogon interruptus</i>	Poaceae	Ditch rabbit-foot grass		5,7	P	E	Grass
POMO5	<i>Polypogon monspeliensis</i>	Poaceae	Annual rabbitsfoot grass		1,2,3,4,5,6,7,8	A	E	Grass
POLYP2	<i>Polypogon</i> sp.	Poaceae	Rabbitsfoot grass		0,8		E	Grass

Inyo County Water Department Master Species List

January 23, 2013

SPECIES CODE	SPECIES	FAMILY	COMMON NAME	NAME CHANGES* OTHER NOTES	SOURCE CODE	Life Cycle	juv	venar	Lifeform
POVI9	<i>Polypogon viridis</i>	Poaceae	Water bentgrass		0,7	P	E	Grass	
PUDI1	<i>Puccinellia distans</i>	Poaceae	Weeping alkali grass		2,7	P	E	Grass	
PUNU2	<i>Puccinellia nuttalliana</i>	Poaceae	Nuttall's alkali grass		2	P	N	Grass	
PUCCI	<i>Puccinellia sp.</i>	Poaceae	Alkali grass		7,8			Grass	
RYSE	<i>Rytidosperma semiannulare</i>	Poaceae	Tasmanian wallaby grass		1	P	E	Grass	
SCAR	<i>Schismus arabicus</i>	Poaceae	Arabian schismus		2,3,4,7	A	E	Grass	
SCBA	<i>Schismus barbatus</i>	Poaceae	Mediterranean schismus		4	A	E	Grass	
SCHIS	<i>Schismus sp.</i>	Poaceae	Mediterranean grass		8	A	E	Grass	
* SEGL2	<i>Setaria glauca</i>	Poaceae	Yellow foxtail millet	<i>Setaria pumila</i>	2			E Grass	
SEPU8	<i>Setaria pumila</i>	Poaceae	Yellow foxtail millet		2,6	A	E	Grass	
SETAR	<i>Setaria sp.</i>	Poaceae	Bristlegrass		7,8			Grass	
SEVI4	<i>Setaria viridis</i>	Poaceae	Green bristlegrass		1,4,6	A	E	Grass	
* SIHY	<i>Sitanion hystrix</i>	Poaceae	Squirrel-tail grass	<i>Elymus elymoides</i>	1,3,7	P	N	Grass	
SOHA	<i>Sorghum halepense</i>	Poaceae	Johnsongrass		4,6,8	P	E	Grass	
SPGR	<i>Spartina gracilis</i>	Poaceae	Alkali cord grass		1,3,4,5,6,7,8	P	N	Grass	
SPOB	<i>Sphenopholis obtusata</i>	Poaceae	Prairie wedgegrass		6	P	N	Grass	
SPAI	<i>Sporobolus airoides</i>	Poaceae	Alkali sacaton		1,2,3,4,5,6,7,8	P	N	Grass	
SPCR	<i>Sporobolus cryptandrus</i>	Poaceae	Sand dropseed		6,8	P	N	Grass	
SPORO	<i>Sporobolus sp.</i>	Poaceae	Dropseed		0,8			N Grass	
STCO4	<i>Stipa comata</i>	Poaceae	Needle-and-thread grass		7	P	N	Grass	
* STCO4	<i>Stipa coronata var. depauperata</i>	Poaceae	Tall needlegrass	<i>Stipa parishii</i>	2	P	N	Grass	
* STEL2	<i>Stipa elmeri</i>	Poaceae	Western needlegrass	<i>Stipa occidentalis var. occidentalis</i>	1	P	N	Grass	
STHY6	<i>Stipa hymenoides</i>	Poaceae	Indian ricegrass		1,2,3,4,7,8	P	N	Grass	
STOCO	<i>Stipa occidentalis var. occidentalis</i>	Poaceae	Western needlegrass		1	P	N	Grass	
STPA	<i>Stipa parishii</i>	Poaceae	Tall needlegrass		2	P	N	Grass	
STIPA	<i>Stipa sp.</i>	Poaceae	Needlegrass		1,7,8	P		Grass	
STSP3	<i>Stipa speciosa</i>	Poaceae	Desert needlegrass		1,2,3,4,7	P	N	Grass	
* THIN6	<i>Thinopyrum intermedium</i>	Poaceae	Intermediate wheatgrass	<i>Elymus hispidus</i>	8	P	E	Grass	
* THPO7	<i>Thinopyrum ponticum</i>	Poaceae	Tall wheatgrass	<i>Elymus ponticus</i>	7,8	P	E	Grass	
TOPAP3	<i>Torreyochloa pallida var. pauciflora</i>	Poaceae	Weak mannagrass		7	P	N	Grass	
* TOPA3	<i>Torreyochloa pauciflora</i>	Poaceae	Weak mannagrass	<i>Torreyochloa pallida var. pauciflora</i>	7	P	N	Grass	
* VUMI	<i>Vulpia microstachys</i>	Poaceae	Small fescue	<i>Festuca microstachys</i>	1,2,3	A	N	Grass	
* VUMIM	<i>Vulpia microstachys var. microstachys</i>	Poaceae	Desert fescue	<i>Festuca microstachys</i>	1,2	A	N	Grass	
* VUMIP	<i>Vulpia microstachys var. pauciflora</i>	Poaceae	Pacific fescue	<i>Festuca microstachys</i>	1,2	A	N	Grass	
* VUMY	<i>Vulpia myuros</i>	Poaceae	Rattail fescue	<i>Festuca myuros</i>	7	A	E	Grass	
* VUOC	<i>Vulpia octoflora</i>	Poaceae	Six-weeks fescue	<i>Festuca octoflora</i>	1,3,4,6,7,8	A	N	Grass	
* VUOCH	<i>Vulpia octoflora var. hirtella</i>	Poaceae	Six-weeks fescue	<i>Festuca octoflora</i>	2	A	N	Grass	
VULPI	<i>Vulpia sp.</i>	Poaceae	Fescue		4	A	N	Grass	
POBE9	<i>Potamogeton berchtoldii</i>	Potamogetonaceae	Small pondweed		2	P	N	Herb	
POCR3	<i>Potamogeton crispus</i>	Potamogetonaceae	Curly pondweed		2	P	E	Herb	
POFO3	<i>Potamogeton foliosus</i>	Potamogetonaceae	Leafy pondweed		2,3	P	N	Herb	
PONO2	<i>Potamogeton nodosus</i>	Potamogetonaceae	Long-leaf pondweed		1,2,6	P	N	Herb	
POPUP7	<i>Potamogeton pusillus</i>	Potamogetonaceae	Small pondweed		7	P	N	Herb	
* POPUT3	<i>Potamogeton pusillus var. tenuissimus</i>	Potamogetonaceae	Small pondweed	<i>Potamogeton berchtoldii</i>	2	P	N	Herb	
POTAM	<i>Potamogeton sp.</i>	Potamogetonaceae	Pondweed		0,7			Herb	
RUMA5	<i>Ruppia maritima</i>	Ruppiaceae	Widgeon ditch-grass		2,3,7	P	N	Herb	
RUPPI	<i>Ruppia sp.</i>	Ruppiaceae	Ditch-grass		7	P		Herb	
MAST	<i>Maianthemum stellata</i>	Ruscaceae	False Solomon's seal		2,4,7	P	N	Herb	
* SMST	<i>Smilacina stellata</i>	Ruscaceae	False Solomon's seal	<i>Maianthemum stellata</i>	2,4,7	P	N	Herb	

Inyo County Water Department Master Species List

January 23, 2013

SPECIES CODE	SPECIES	FAMILY	COMMON NAME	NAME CHANGES* OTHER NOTES	SOURCE CODE	Life Cycle	Provenance	Lifeform
* BRPU	<i>Brodiaea pulchella</i>	Themidaceae	Blue dicks	<i>Dichelostemma capitatum</i>	2	P	N	Herb
DICA14	<i>Dichelostemma capitatum</i>	Themidaceae	Blue dicks		2,4	P	N	Herb
DICAC5	<i>Dichelostemma capitatum ssp. capitatum</i>	Themidaceae	Headed blue dicks		7	P	N	Herb
DICAP	<i>Dichelostemma capitatum ssp. pauciflorum</i>	Themidaceae	Few-flowered blue dicks		7	P	N	Herb
* DIPU3	<i>Dichelostemma pulchellum</i>	Themidaceae	Blue dicks	<i>Dichelostemma capitatum</i>	7	P	N	Herb
MUCO	<i>Muilla coronata</i>	Themidaceae	Crowned muilla		2	P	N	Herb
TYAN	<i>Typha angustifolia</i>	Typhaceae	Narrow-leaved cattail	Naked axis present, no leaf glands	1,7	P	N	Grass
TYDO	<i>Typha domingensis</i>	Typhaceae	Southern cattail	Naked axis present, leaf glands present (stems side)	2,3,4,5,7	P	N	Grass
TYLA	<i>Typha latifolia</i>	Typhaceae	Common cattail	No naked axis	1,3,4,6,7,8	P	N	Grass
TYLAG?	<i>Typha latifolia (x glauca?)</i>	Typhaceae	Hybrid cattail		7	P	N	Grass
TYPHA	<i>Typha sp.</i>	Typhaceae	Cattail		1,4,6,8	P		Grass
ZAPA	<i>Zannichellia palustris</i>	Zannichelliaceae	Horned pondweed		2,3,5,7	P	N	Herb

SOURCE CODES

- 0 Source unknown
- 1 LADWP 1984-87 Vegetation Inventory. Type-E Vegetation Inventory.
- 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 (1991-2012).
- 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 2004-2010 reinventory of vegetation on LADWP lands
- ? after the symbol denotes ICWD symbol for unlisted species or USDA code.
- * 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 acidentally.
- N Native to area or region, believed to have been present prior to human activities.

Inyo County Water Department Master Species List

January 23, 2013

SPECIES		FAMILY	COMMON	NAME CHANGES*	SOURCE	Life	venal	Lifeform
CODE	SPECIES		NAME	OTHER NOTES	CODE	Cycle		

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.