

Appendix E
Weed Species of Concern

Appendix E-1

BLM National List of Invasive Weed Species of Concern

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BLM National List of Invasive Weed Species of Concern

The definition of "weed" is always debatable. Traditional definitions include "Plants out of place" or "plants that by their presence conflict with management objectives for the site." The definition included here also tries to incorporate the concepts of public land health and sustainability. A weed is defined as "*a non native plant that disrupts or has the potential to disrupt or alter the natural ecosystem function, composition, and diversity of the site it occupies. Its presence deteriorates the health of the site , it makes efficient use of natural resources difficult, and it may interfere with management objectives for that site. It is an invasive species that requires a concerted effort (manpower and resources) to remove from its current location, if it can be removed at all.* " This definition is adapted from Noss and Cooperider (1994). "Noxious" weeds refer to those plant species which have been legally designated as unwanted or undesirable. This includes national, state, and county or local designations. According to the Federal Noxious Weed Law, native plant species are not designated "noxious." Native plant species that may be of a management concern, such as poisonous plants or desert shrub and sub-shrub species, are not considered priorities for noxious weed work or funding and are not included on the following list.

All weeds are not of equal importance for management. The focus of this list is on exotic species that are highly invasive in natural systems. Those species that are of a concern in agricultural situations, but do not pose a threat to rangelands, forestlands, and wetlands have not been included. Many annual forbs have not been included. Exotic species typically used in range restoration which are known to be invasive have not been included. Invasive annual grasses which disrupt natural ecosystem function have been included.

<u>Scientific Name</u>	<u>Common Name</u>	<u>Family</u>
Grasses		
<i>Aegilops cylindrica</i>	jointed goatgrass	Poaceae
<i>Ammophila arenaria</i>	European beachgrass	Poaceae
<i>Arundo donax</i>	giant reed	Poaceae
<i>Bromus diandrus</i>	ripgut brome	Poaceae
<i>Bromus japonicus</i>	Japanese brome	Poaceae
<i>Bromus rubens</i>	red brome	Poaceae
<i>Bromus tectorum</i>	downy brome	Poaceae
<i>Cenchrus longispinus</i>	longspine sandbur	Poaceae
<i>Cortaderia jubata</i>	Andean pampas grass	Poaceae
<i>Cortaderia selloana</i>	pampas grass	Poaceae
<i>Cynodon dactylon</i>	bermudagrass	Poaceae
<i>Ehrharta calycina</i>	veldt grass	Poaceae
<i>Elytrigia repens</i>	quackgrass	Poaceae
<i>Eragrostis lehmanniana</i>	Lehmann lovegrass	Poaceae
<i>Nardus stricta</i>	matgrass	Poaceae
<i>Panicum miliaceum</i>	wild Proso millet	Poaceae
<i>Pennisetum setaceum</i>	crimson fountain grass	Poaceae
<i>Schismus arabicus</i>	schismus	Poaceae
<i>Schismus barbatus</i>	mediterranean grass	Poaceae
<i>Sorghum halepense</i>	johnsongrass	Poaceae
<i>Taeniatherum caput-medusae</i>	medusa-head	Poaceae

Forbs

<i>Acroptilon repens</i>	Russian knapweed	Asteraceae
<i>Anthemis arvensis</i>	scentless chamomile	Asteraceae
<i>Anthemis cotula</i>	mayweed chamomile	Asteraceae
<i>Arctium minus</i>	common burdock	Asteraceae
<i>Bassia hyssopifolia</i>	bassia	Basellaceae
<i>Brassica nigra</i>	black mustard	Brassicaceae
<i>Brassica tournefortii</i>	wild turnip	Brassicaceae
<i>Caesalpinia gilliesii</i>	Mexican bird-of-paradise	Fabaceae
<i>Cardaria chalepensis</i>	lens-podded whitetop,	Brassicaceae
<i>Cardaria draba</i>	hoary cress	Brassicaceae,
<i>Cardaria pubescens</i>	hairy whitetop	Brassicaceae
<i>Carduus acanthoides</i>	plumeless thistle	Asteraceae
<i>Carduus nutans</i>	musk thistle	Asteraceae
<i>Carduus pycnocephalus</i>	Italian thistle	Asteraceae
<i>Carduus teniflorus</i>	slender-flowered thistle	Asteraceae
<i>Carpobrotus edulis</i>	hottentot fig	Aizoaceae
<i>Carpobrotus chilensis</i>	sea iceplant	Aizoaceae
<i>Carthamus lantus</i>	distaff thistle	Asteraceae
<i>Carum carvi</i>	common caraway	Apiaceae
<i>Centaurea calcitrapa</i>	purple starthistle	Asteraceae
<i>Centaurea cyanus</i>	cornflower	Asteraceae
<i>Centaurea diffusa</i>	diffuse knapweed	Asteraceae
<i>Centaurea iberica</i>	Iberian starthistle	Asteraceae
<i>Centaurea jacea</i>	brown knapweed	Asteraceae
<i>Centaurea macrocephala</i>	bighead knapweed	Asteraceae
<i>Centaurea maculosa</i>	spotted knapweed	Asteraceae
<i>Centaurea melitenensis</i>	malta starthistle	Asteraceae
<i>Centaurea montana</i>	mountain cornflower	Asteraceae
<i>Centaurea nigra</i>	black knapweed	Asteraceae
<i>Centaurea nigrescens</i>	Vochin knapweed	Asteraceae
<i>Centaurea pratensis</i>	meadow knapweed	Asteraceae
<i>Centaurea squarrosa</i>	squarrose knapweed	Asteraceae
<i>Centaurea solstitialis</i>	yellow starthistle	Asteraceae
<i>Centaurea trichocephala</i>	feather-headed knapweed	Asteraceae
<i>Chondrilla juncea</i>	rush skeletonweed	Asteraceae
<i>Chrysanthemum leucanthemum</i>	ox-eye daisy	Asteraceae
<i>Cichorium intybus</i>	chicory	Asteraceae
<i>Cirsium arvense</i>	Canada thistle	Asteraceae
<i>Cirsium vulgare</i>	bull thistle	Asteraceae
<i>Clematis orientalis</i>	Chinese clematis	Ranunculaceae
<i>Conium maculatum</i>	poison hemlock	Apiaceae
<i>Convolvulus arvensis</i>	field bindweed	Convolvaceae
<i>Crepis setosa</i>	bristly hawkweed	Asteraceae
<i>Crupina vulgaris</i>	common crupina	Asteraceae
<i>Cynara cardunculus</i>	artichoke thistle	Asteraceae
<i>Cynoglossum officinale</i>	houndstongue	Boraginaceae
<i>Digitalis purpurea</i>	foxglove	Scrophulariaceae,
<i>Dipsacus fullonum</i>	common teasel	Dipsacaceae

<i>Echium vulgare</i>	blueweed	Boraginaceae
<i>Egeria densa</i>	Brazilian waterweed	Hydrocharitaceae
<i>Eichhornia crassipes</i>	water hyacinth	Hydrocharitaceae
<i>Erechtites glomerata</i>	Australian fireweed	Asteraceae
<i>Euphorbia cyparissias</i>	cypress spurge	Euphorbiaceae
<i>Euphorbia esula</i>	leafy spurge	Euphorbiaceae
<i>Euphorbia myrsinites</i>	myrtle spurge	Euphorbiaceae
<i>Foeniculum vulgare</i>	fennel	Apiaceae
<i>Galega officinalis</i>	goats rue	Fabaceae
<i>Gypsophila paniculata</i>	baby's breath	Caryophyllaceae
<i>Halogeton glomeratus</i>	halogeton	Chenopodiaceae
<i>Hesperis matronalis</i>	dames's rocket	Brassicaceae
<i>Hieracium aurantiacum</i>	orange hawkweed	Asteraceae
<i>Hieracium pilosella</i>	mouseear hawkweed	Asteraceae
<i>Hieracium pratense</i>	yellow hawkweed	Asteraceae
<i>Hydrilla verticillata</i>	hydrilla	Hydrocharitaceae
<i>Hyoscyamus niger</i>	black henbane	Solanaceae
<i>Hypericum perforatum</i>	common St. Johnswort	Hypericaceae
<i>Hyposhaeris radicata</i>	common catsear	Asteraceae
<i>Isatis tinctoria</i>	dyer's woad	Brassicaceae
<i>Knautia arvensis</i>	blue buttons	Dipsacaceae
<i>Lathyrus latifolius</i>	everlasting peavine	Fabaceae
<i>Lepidium latifolium</i>	perennial pepperweed	Brassicaceae
<i>Linaria genistifolia</i> spp. <i>dalmatica</i>	dalmation toadflax	Scrophulariaceae
<i>Linaria vulgaris</i>	yellow toadflax	Scrophulariaceae
<i>Lysimachia vulgaris</i>	garden loosestrife	Primulaceae
<i>Lythrum salicaria</i>	purple loosestrife	Lythraceae
<i>Lythrum virgatum</i>	wand loosestrife	Lythraceae
<i>Madia sativa</i>	Chilean tarweed	Asteraceae
<i>Myriophyllum spicatum</i>	Eurasian watermilfoil	Haloragaceae
<i>Onopordum acanthium</i>	Scotch thistle	Asteraceae
<i>Onopordum taricum</i>	Scotch thistle	Asteraceae
<i>Peganum harmala</i>	African rue	Zygophyllaceae
<i>Potentilla recta</i>	sulphur cinquefoil	Rosaceae
<i>Salvia aethiopsis</i>	Mediterranean sage	Lamiaceae
<i>Saponaria officinalis</i>	bouncing bet	Caryophyllaceae
<i>Seneciojacobaea</i>	tansy ragwort	Asteraceae
<i>Senecio mikanoides</i>	German ivy	Asteraceae
<i>Solanum dulcamara</i>	bitter nightshade	Solanaceae
<i>Sonchus arvensis</i>	perennial sowthistle	Asteraceae
<i>Sphaerophysa salsula</i>	swainsonpea	Fabaceae
<i>Tanacetum vulgare</i>	common tansy	Asteraceae
<i>Zygophyllumfabago</i>	Syrian bean caper	Zygophyllaceae

Shrubs and Trees

<i>Ailanthus altissima</i>	tree-of-heaven	Simaroubaceae
<i>Alhagi pseudalhagi</i>	camelthorn	Fabaceae
<i>Cytisus junceum</i>	Spanish broom	Fabaceae
<i>Cytisus Monspessulanas</i>	French broom	Fabaceae
<i>Cytisus scoparius</i>	Scotch broom	Fabaceae

<i>Cytisus striatus</i>	Portugese broom	Fabaceae
<i>Elaeagnus angustifolia</i>	Russian olive	Elaeagnaceae
<i>Ficus carica</i>	edible fig	Moraceae
<i>Lespedeza cuneata</i>	Himalayan bush clover	Fabaceae
<i>Retama monospenna</i>	bridal veil broom	Fabaceae
<i>Rubus discolor</i>	Himalaya blackberry	Rosaceae
<i>Schinus terebrinthifolius</i>	Brazillian pepper	Anacardiaceae
<i>Tamarix aphylla</i>	athel	Tamaricaceae
<i>Tamarix chinensis</i>	tamarisk	Tamaricaceae
<i>Tamarix gallica</i>	French tamarisk	Tamaricaceae
<i>Tamarix parviflora</i>	small flower tamerisk	Tamaricaceae
<i>Tamarix pentanda</i>	tamarisk	Tamaricaceae
<i>Tamarix ramosissima,</i>	salt cedar	Tamaricaceae
<i>Ulex europaeus</i>	gorse	Fabaceae
<i>Ulmus pumila</i>	Siberian elm	Ulmaceae

Appendix E-2
Federal Noxious Weed List

Appendix E-2

Federal Noxious Weed List as of June 7, 1999

Aquatic/Wetland

<i>Azolla pinnata</i>	Azollaceae	mosquito fern, water velvet
<i>Caulerpa taxifolia</i>	Caulerpaceae	Mediterranean clone of caulerpa
<i>Eichhornia azurea</i>	Pontederiaceae)	anchored waterhyacinth
<i>Hydrilla verticillata</i>	Hydrocharitaceae	hydrilla
<i>Hygrophila polysperma</i>	Acanthaceae	Miramar weed
<i>Ipomoea aquatica</i>	Convolvulaceae	Chinese waterspinach
<i>Lagarosiphon major</i>	Hydrocharitaceae	Oxygen weed
<i>Limnophila sessiliflora</i>	Scrophulariaceae	ambulia
<i>Melaleuca quinquenervia</i>	Myrtaceae	melaleuca
<i>Monochoria hastata</i>	Pontederiaceae	monochoria
<i>Monochoria vaginalis</i>	Pontederiaceae	pickerel Weed
<i>Ottelia alismoides</i>	Hydrocharitaceae	duck-lettuce
<i>Sagittaria sagittifolia</i>	Alismataceae	arrowhead
<i>Salvinia auriculata</i>	Salviniaceae	giant salvinia
<i>Salvinia biloba</i>	Salviniaceae	giant salvinia
<i>Salvinia herzogii</i>	Salviniaceae	giant salvinia
<i>Salvinia molesta</i>	Salviniaceae	giant salvinia
<i>Solanum tampicense</i>	Solanaceae	wetland nightshade
<i>Sparganium erectum</i>	Sparganiaceae	exotic bur-reed

Parasitic

<i>Aeginetia spp.</i>	Orobanchaceae	
<i>Alectra spp.</i>	Scrophulariaceae	
<i>Cuscuta spp.</i> other than native or widely distributed species		
	<i>Cuscutaceae</i>	dodders
<i>Orobanche spp.</i> other than native or widely distributed species		
	Orobanchaceae	broomrapes
<i>Striga spp.</i>	Scrophulariaceae	witchweeds

Terrestrial

<i>Ageratina adenophora</i>	Asteraceae	crofton weed
<i>Altemanthera sessilis</i>	Amaranthaceae	sessile joyweed
<i>Asphodelus fistulosus</i>	Liliaceae	onionweed
<i>Avena sterilis L.</i>	Poaceae	animated or wild oat
<i>Spermacoce alata</i>	Rubiaceae	borreria
<i>Carthamus oxyacanthus</i>	Asteraceae	wild safflower
<i>Chrysopogon acidulatus</i>	Poaceae	pilipiliula
<i>Commelina benghalensis</i>	Commelinaceae	Benghal dayflower
<i>Crupina vulgaris</i>	Asteraceae	common crupina
<i>Digitaria abyssinica (=D. scalarum)</i>		
	Poaceae	African couch grass
<i>Digitaria velutina</i>	Poaceae	velvet fingergrass

<i>Drymaria arenaridides</i>	Caryophyllaceae	lightening weed, alfombrilla
<i>Emex australis</i>	Polygonaceae	three-cornered jack
<i>Emex spinosa</i>	Polygonaceae	devil's thorn
<i>Galega officinalis</i>	Fabaceae	goatsrue
<i>Heracleum mantegazzianum</i>	Apiaceae	giant hogweed
<i>Imperata brasiliensis</i>	Poaceae	Brazilian satintail
<i>Imperata cylindrica</i>	Poaceae	cogongrass
<i>Ischaemum rugosum</i>	Poaceae	murain-grass
<i>Leptochloa chinensis</i>	Poaceae	Asian sprangletop
<i>Lycium, ferocissimum</i>	Solanaceae	African boxthorn
<i>Melastoma malabathricum</i>	Melastomataceae	no common name
<i>Mikania cordata</i>	Asteraceae	mile-a-minute
<i>Mikania micrantha</i>	Asteraceae	mile-a-minute
<i>Mimosa invisa</i>	Fabaceae	giant sensitive plant
<i>Mimosa pigra</i>	Fabaceae	catclaw mimosa
<i>Nassella trichotoma</i>	Poaceae	serrated tussock
<i>Opuntia aurantiaca</i>	Cactaceae	jointed prickly pear
<i>Oryza longistaminata</i>	Poaceae	red rice
<i>Oryza punctata</i>	Poaceae	red rice
<i>Oryza rufipogon</i>	Poaceae	red rice
<i>Paspalum scrobiculatum</i>	Poaceae	Kodo-millet
<i>Pennisetum clandestinum</i>	Poaceae	kikuyugrass
<i>Pennisetum macrourum</i>	Poaceae	African feathergrass
<i>Pennisetum pedicellatum</i>	Poaceae	kyasuma-grass
<i>Pennisetum, polystachion</i>	Poaceae	missiongrass
<i>Prosopis alapataco</i>	Fabaceae	Prosopis spp. are mesquites
<i>Prosopis argentina</i>		
<i>Prosopis articulata</i>		
<i>Prosopis burkartii</i>		
<i>Prosopis caldenia</i>		
<i>Prosopis calingastana</i>		
<i>Prosopis campestris</i>		
<i>Prosopis castellanosii</i>		
<i>Prosopis denudans</i>		
<i>Prosopis elata</i>		
<i>Prosopis farcta</i>		
<i>Prosopis ferox</i>		
<i>Prosopis fiebrigii</i>		
<i>Prosopis hassleri</i>		
<i>Prosopis humilis</i>		
<i>Prosopis kuntzei</i>		
<i>Prosopis pallida</i>		
<i>Prosopis palmeri</i>		
<i>Prosopis reptans</i>		
<i>Prosopis rojasiana</i>		
<i>Prosopis ruizlealii</i>		
<i>Prosopis ruscifolia</i>		
<i>Prosopis sericantha</i>		
<i>Prosopis strombulifera</i>		
<i>Prosopis torquata</i>		
<i>Rottboellia cochinchinensis</i>	Poaceae	itchgrass
<i>Rubus truticosus</i>	Rosaceae	wild blackberry complex

<i>Rubus moluccanus</i>	Rosaceae	wild blackberry
<i>Saccharum spontaneum</i>	Poaceae	wild sugarcane
<i>Salsola vermiculata</i>	Chenopodiaceae	wormleaf salsola
<i>Setaria pallide-fusca</i>	Poaceae	cattail grass
<i>Solanum torvum</i>	Solanaceae	turkey berry
<i>Solanum viarum</i>	Solanaceae	tropical soda apple
<i>Tridax procumbens</i>	Asteraceae	coat buttons
<i>Urochloa panicoides</i>	Poaceae	liverseed grass

Added by act of Congress (H.R.2160.30, Sec 728)

<i>Puerafia lobata</i>	<i>Fabaceae</i>	<i>kudzu</i>
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Appendix E-3
New Mexico's Invasive Plants

Appendix E-3

New Mexico's Invasive Plants – 1998 Listing Options

Class “A” weeds are non-native species with a limited distribution in New Mexico. Preventing new infestations and eliminating existing infestations is the highest priority.

Class A Noxious Weeds – New Mexico		
Common Name	Scientific Name	Place of Origin
Alfombrilla	<i>Drymana arenarioides</i>	Mexico
Black Henbane	<i>Hyoscyamus niger</i>	Europe
Camellhorn	<i>Alhagi cseudalhagi</i>	Asia
Canada Thistle	<i>Cirsium arvense</i>	Eurasia
Dalmatian Toadflax	<i>Linana genisitifolia spp. dalmatica</i>	Europe
Diffuse Knapweed	<i>Centaurea diffusa</i>	Mediterranean
Dyer's Wood	<i>Isatis tinctoria</i>	Europe
Hoary Cress	<i>Cardania droba</i>	Europe
Hydrilla	<i>Hydrilla verticillata</i>	So. Africa
Leafy Spurge	<i>Euphorbia esula</i>	Eurasia
Onionweed	<i>Asphodelus fistulosus</i>	Mediterranean
Perennial Pepperweed	<i>Lepidium latifolium</i>	So. Europe
Purple Loosestrife	<i>Lythrum salicaria</i>	Europe
Purple Starthistle	<i>Centaurea calcitrapa</i>	Europe
Scotch Thistle	<i>Onopordum acanthium</i>	Europe
Spotted Knapweed	<i>Centaurea maculosa</i>	Eurasia
Yellow Starthistle	<i>Centaurea solstitialis</i>	Europe
Yellow Toadflax	<i>Linaria vulgaris</i>	Eurasia

Class “B” weeds are non-native species that are presently limited to portions of the state. Class “B” species are designated for control in regions where they are not yet widespread. Preventing infestations in these areas is a high priority. In regions where a class “B” species is already abundant, control is decided at the local level with containment as the primary goal.

Class B Noxious Weeds – New Mexico		
Common Name	Scientific Name	Place of Origin
African Rue	<i>Peganum harmala</i>	North Africa
Halogeton	<i>Halogeton glomeratus</i>	Asia
Malta Starthistle	<i>Centaurea melitensis</i>	Europe
Musk Thistle	<i>Carduus nutans</i>	So. Europe
Russian Knapweed	<i>Acroptilon repens</i>	Eurasia
Teasel	<i>Dipsacus fullonum</i>	Europe
Woollyleaf Bursage	<i>Franseria grayi</i>	U.S.A. – Central Region

Class “C” weeds are other non-native weeds found in New Mexico. Many of these species are widespread in the state. Long-term programs of suppression and management are a local option, depending upon local threats and the feasibility of management in local areas.

Class C Noxious Weeds – New Mexico		
Common Name	Scientific Name	Place of Origin
Bull Thistle	<i>Cirsium vulgare</i>	Eurasia
Jointed Goatgrass	<i>Aegilops cylindrico</i>	So. Europe
Salt Cedar	<i>Tamarix sp.</i>	Europe

Appendix E-4
Noxious Weeds of Arizona

Appendix E-4

Noxious Weeds of Arizona

Regulated Noxious Weeds - are those exotic plant species which are **WELL ESTABLISHED AND GENERALLY DISTRIBUTED** in Arizona. These plants are recognized to have undesirable characteristics and economic/environmental significance as to justify regulation under certain circumstances. (6 species)

<u>Common Name</u>	<u>Family</u>	<u>Scientific Name</u>
Burclover	Legume	<i>(Medicago polymorpha -Fabaceae)</i>
Common Purslane	Portulaca	<i>(Portulaca oleracea- Portulacaceae)</i>
Field Sandbur	Grass	<i>(Cenchrus incertus - Poaceae)</i>
Field Bindweed	Morning Glory	<i>(Convolvulus arvensis – Convolvulaceae)</i>
Puncture Vine	Caltrop	<i>(Tribulus terrestris - Zygophyllaceae)</i>
Southern Sandbur	Grass	<i>(Cenchrus echinatus - Poaceae)</i>

Restricted Noxious Weeds (15 species) are those exotic plant species having noxious characteristics and are of economic/and/or environmental significance. They **OCCUR** in Arizona in isolated infestations or very low populations.

<u>Common Name</u>	<u>Family</u>	<u>Scientific Name</u>
Camelthorn	Legume	<i>(Alhagi pseudalhagi - Fabaceae)</i>
Dalmation Toadflax	Figwort	<i>(Linaria genistifolia var. Dalmatica -Schrophulaceae)</i>
Diffuse Knapweed	Sunflower	<i>(Centaurea diffusa - Asteraceae)</i>
Dodder	Morning Glory	<i>(Cuscuta spp. - Convolvulaceae)</i>
Floating Waterhyacinth	Pickerelweed	<i>(Eichhornia crassipes – Ponteridaceae)</i>
Globe-podded Hoary-cress	Mustard	<i>(Cardaria draba - Brassicaceae)</i>
Halogeton	Goosefoot	<i>(Halogeton glomeratus – Chenopodiaceae)</i>
Jointed Goatgrass	Grass	<i>(Aegilops cylindrica - Poaceae)</i>
Quackgrass	Grass	<i>(Elytrigia repens - Poaceae)</i>
Russian Knapweed	Sunflower	<i>(Acroptilon repens - Asteraceae)</i>
Scotch Thistle	Sunflower	<i>(Onopordum acanthium - Asteraceae)</i>
Spotted Knapweed	Sunflower	<i>(Centaurea maculosa - Asteraceae)</i>
Texas Blueweed	Sunflower	<i>(Helianthus ciliaris - Asteraceae)</i>
Three-lobed Morning Glory	Morning Glory	<i>(Ipomoea triloba - Convolvulaceae)</i>
Yellow Starthistle	Sunflower	<i>(Centaurea solstitialis - Asteraceae)</i>

Prohibited Noxious Weeds (31 species) are those exotic plant species with known undesirable qualities of economic and/or environmental significance. The plants **ARE NOT KNOWN TO OCCUR** in Arizona.

<u>Common Name</u>	<u>Family</u>	<u>Scientific Name</u>
African Rue	Caltrop	(<i>Peganum harmala</i> - Zygophyllaceae)
Alfombrilla (Lightningweed)	Pink	(<i>Drymaria arenarioides</i> - Caryophyllaceae)
Alligatorweed	Evening-primrose	(<i>Alternanthera philoxeroides</i> - Onagraceae)
Anchored Waterhyacinth	Pickernelweed	(<i>Eichhonia azurea</i> - Pontederiaceae)
Austrian Fieldcress	Mustard	(<i>Rorippa austriaca</i> - Brassicaceae)
Branched Broomrape	Broomrape	(<i>Orobanche ramosa</i> -Orobanchaceae)
Canada Thistle	Sunflower	(<i>Cirsium arvense</i> - Asteraceae)
Carolina Horsenettle	Nightshade	(<i>Solanum carolinense</i> - Solanaceae)
Creeping Wartcress	Mustard	(<i>Coronpus squamatus</i> - Brassicaceae)
Dudaim Melon	Cucurbit	(<i>Cucumis melo</i> var. <i>Dudaim</i> Cucurbitaceae)
Dyers Woad	Mustard	(<i>Isatis tinctoria</i> - Brassicaceae)
Hairy White-top	Mustard	(<i>Cardaria pubescens</i> - Brassicaceae)
Hydrilla Frogs-bit		(<i>Hydrilla verticillata</i> - Hydrocharitaceae)
Iberian Starthistle	Sunflower	(<i>Centaurea Iberia</i> - Asteraceae)
Kikuyu Grass	Grass	(<i>Pennisetum clandestinum</i> - Poaceae)
Leafy Spurge	Spurge	(<i>Euphorbia esula</i> - Euphorbiaceae)
Lens-podded Hoary-cress	Mustard	(<i>Cardaria chalepensis</i> - Brassicaceae)
Morning Glory	Morning Glory	(<i>Ipomoea spp.</i> - Convolvulaceae)
Perennial Sowthistle	Sunflower	(<i>Sonchus arvensis</i> - Asteraceae)
Plumeless Thistle	Sunflower	(<i>Carduus acanthiodes</i> - Asteraceae)
Puna Grass	Grass	(<i>Stipa brachychaeta</i> - Poaceae)
Purple Starthistle	Sunflower	(<i>Centaurea calcitrapa</i> - Asteraceae)
Purple Loosestrife	Loosestrife	(<i>Lythrum salicaria</i> - Lythraceae)
Rush Skeletonweed	Sunflower	(<i>Chondrilla juncea</i> - Asteraceae)
Serrated Tussock	Grass	(<i>Nassella trichotoma</i> - Poaceae)
Sicilian Starthistle	Sunflower	(<i>Centaurea sulphurea</i> - Asteraceae)
Squarrose Knapweed	Sunflower	(<i>Centaurea squarrosa</i> - Asteraceae)
Tansy Ragwort	Sunflower	(<i>Senecio jacobaea</i> - Asteraceae)
Torpedo Grass	Grass	(<i>Panicum repens</i> - Poaceae)
Water-chestnut	Evening-primrose	(<i>Trapa natans</i> - Onagraceae)
Witchweed	Figwort	(<i>Striga spp.</i> – Schrophulariaceae)

Appendix E-5

Noxious Weeds List - California

Appendix E-5

Noxious Weed Concentrations Within the Construction Corridor - California

Location	Dominant Species
Riverside County ▪ Hwy 78, along Estes Drain	▪ Tamarisk
Imperial County ▪ Vicinity of Palo Verde County Park ▪ Vicinity of Hwy 78 and intersection of Palo Verde Lagoon outfall drain ▪ Fringes/uplands of the Cibola National Wildlife Refuge ▪ From Highline Canal west approximately 2 miles ▪ West Carey Road, approximately 1 mile between S. Pacific Railroad tracks and SR 86 ▪ Bullhead Slough, east of Huff Road ▪ Interstate 8, scattered through In-Ko-Pah Gorge	▪ Tamarisk ▪ Tamarisk ▪ Tamarisk ▪ Giant Cane ▪ Giant Cane ▪ Tamarisk ▪ Tamarisk
San Diego County—Link Four Portion ▪ Vicinity of The Willows ▪ Alpine to Oak Creek Road ▪ Vicinity of Flinn Springs County Park ▪ Vicinity of Glenview and Johnstown	▪ Fountain grass, Sea fig ▪ Fountain grass, Tree of Heaven, Giant Cane, Spanish Broom ▪ Fountain grass, Giant Cane, Sea fig ▪ Fountain grass, Giant Cane, Sea fig
Orange County ▪ West of San Juan Creek, along Nova Ave and Mission Viejo Road ▪ Along Camino Capistrano Road, northeast of Doheny Park Road	▪ Giant Cane, Sweet Fennel, Pampas grass, Sea fig ▪ Fountain grass
Camp Pendleton Marine Corps Base ▪ Scattered from the Trestles Bridge along Camino Real to the Rifle Range on Stuart Mesa ▪ Vicinity of the Santa Margarita River	▪ Fountain grass, Sweet Fennel, Sea fig, Pampas grass, European Beach grass ▪ Sweet Fennel, Giant Cane, Tamarisk
San Diego County—Link Five Portion ▪ Along the San Luis Rey River – San Luis Rey Mission Expressway ▪ South of the intersection of Canyon Drive and Mission Avenue ▪ North of Hwy 78 extending south to Cavaleras Road	▪ Giant Cane, Sweet Fennel, Pampas grass, Sea fig, Tamarisk ▪ Sweet Fennel, Pampas grass, Sea fig ▪ Pampas Grass, Fountain grass, Sweet Fennel, European Beach grass, Sea fig