

APPENDIX L

CA Department of Food & Agriculture
Noxious Weed List

IMPORTANT NOTICE

January, 2010

All plant ratings are based upon information currently available and are subject to change as new information is developed or new weed species are discovered and evaluated. Species rated "Q" are in accordance with the Pest Rating Advisory No. 3-2009 dated May 13, 2009..

The absence of a taxon on this list does not exonerate it as a potential pest plant. Taxa submitted to the Botany Laboratory/Herbarium (CDA) for identification are evaluated and given an A, B or C rating as specified from this list, or are given a Q or H (nursery grown material) rating (based on current evidence of potentially aggressive or invasive behavior). A Z rating is a provisional rating given to weedy taxa that are of low exclusion priority due to their current widespread distribution in California or due to their low likelihood of serious impacts on California agriculture or ecosystems. Cultivated material of extremely low likelihood of weediness and most native taxa are assigned a D rating, signifying that the taxon is deemed innocuous. Taxa assigned a Q or H rating are to be reviewed in a timely manner by the Pest Rating Committee and subsequently given a permanent rating (A, B, C) which will appear on future versions of this list.

NOMENCLATURAL NOTE:

1. Current literature sources do not always agree on synonymy and name misapplication. On the following lists every attempt has been made to apply properly both the accepted and synonymized names. However, not all botanical references follow exactly these applications. "The Jepson Manual - Higher Plants of California" (Hickman ed., 1993) is here considered the primary source of accepted names for California. Exceptions occur only where clearly convincing taxonomic or nomenclatural evidence contradicts the established name, or important information is gained by utilizing an alternative treatment. Moreover, the synonymies provided are not meant to be exhaustive, with both these and the accepted names subject to change as new information or evidence becomes available. An * after a taxonomic synonym denotes that this may be the preferred name in the future, but that the currently accepted name is used for convenience.

Most authorship citations follow the Kew Abbreviation (Brummitt, R. K. and C. E. Powell, 1992. "Authors of Plant Names", Royal Botanic Gardens, Kew).

Explanations or taxonomic names immediately below a listed name are provided in technical format in order to communicate precisely and accurately alternative nomenclatural applications. True taxonomic or nomenclatural synonyms are supplied in brackets; later homonyms are referenced by the use of "non" between two alternative taxonomic authorities, with the first being responsible for the name applied in a given instance; misapplied non-synonyms are cited using "auct. non ___" between the epithet and taxonomic authority, meaning "in the sense used by other authors not in the sense of ___". The former cases (synonymy or homonymy) reference the taxon via a different taxonomic concept, an invalid name, or both. The latter misapplied names remain appropriately applied to a different taxon, although the validity or appropriate application of those names is not implied and must be assessed independently. The term "nec" indicates a third homonym was available; the term is equivalent to the English "also not" or "nor". The use of "sensu lato" means "in the broad taxonomic sense", while "pro parte" indicates that only a portion of the alternative taxon's variation is referable to the accepted name.

STATE OF CALIFORNIA
DEPARTMENT OF FOOD AND AGRICULTURE
DIVISION OF PLANT HEALTH & PEST PREVENTION SERVICES

PEST RATINGS OF **NOXIOUS WEED SPECIES**
AND NOXIOUS WEED SEED

Includes synonymy, misapplications and discussion based on current literature.
Type specimens have not been viewed.

<u>RATING</u>	<u>SCIENTIFIC NAME</u>	<u>COMMON NAME</u>
B	<i>Acacia paradoxa</i> DC. [<i>A. armata</i> R. Br.]	kangaroothorn
A	<i>Acaena anserinifolia</i> (J. R. Forst. & R. Forst.) Druce	bronze piri-piri-bur
B	<i>Acaena magellanica</i> Vahl	bidi-bidi
A	<i>Acaena novae-zelandiae</i> Kirk [<i>A. anserinifolia</i> auct. non (J.R. Forst. & G. Forst.) Druce pro parte; <i>Acaena sanguisorbae</i> s.s. auct. non Vahl; <i>A. s.</i> var. <i>novae-zelandiae</i> (Kirk) Bitter]	biddy-biddy
A	<i>Acaena pallida</i> (Kirk) J.W. Dawson [<i>A. anserinifolia</i> auct. non (J.R. Forst. & G. Forst.) Druce pro parte; <i>A. novae-zelandiae</i> Kirk var. <i>pallida</i> Kirk; <i>A. pallida</i> (Kirk) Allan, nomen invalid (later homonym)]	pale biddy-biddy
A	<i>Achnatherum brachychaetum</i> (Godr.) Barkworth [<i>Amelichloa brachychaeta</i> (Godr.) Arriaga & Barkworth*; <i>Stipa brachychaeta</i> Godr.; <i>A. clandestinum</i> auct. non (Hack.) Barkworth; <i>Nassella brachychaeta</i> (Godr.) Skuth]	punagrass
B	<i>Acroptilon repens</i> (L.) DC. [<i>Rhaponticum repens</i> (L.) Hidalgo*; <i>Centaurea repens</i> L.]	Russian knapweed
B	<i>Aegilops cylindrica</i> Host [<i>A. tauschii</i> auct. Non Coss.; <i>Cylindropyrum cylindricum</i> (Host) A. Löve; <i>Triticum cylindricum</i> (Host) Ces.; <i>Triticum caudatum</i> (L.) Godr. & Gren.; <i>Aegilops caudata</i> ssp. <i>cylindrica</i> L. (Host) Hegi; <i>Aegilops caudata</i> var. <i>cylindrica</i> L. (Host) Fiori]	jointed goatgrass
B	<i>Aegilops ovata</i> L. [<i>A. geniculata</i> Roth which = <i>A. ovata</i> Nevski non L. nec Roth in Usteri; <i>A. neglecta</i> Req. ex Bertol.; Calif. plants referable to <i>A. geniculata</i> Roth <u>sensu stricto</u>]	ovate goatgrass
B	<i>Aegilops triuncialis</i> L.	barb goatgrass
A	<i>Aeschynomene rudis</i> Benth.	rough jointvetch
C	<i>Ailanthus altissima</i> (Mill.) Swingle [<i>Ailanthus glandulosa</i> Desf.; <i>Toxicodendron altissimum</i> Miller]	tree-of-heaven
A	<i>Alhagi maurorum</i> Medik. <u>sensu lato</u> [<i>A. pseudalhagi</i> (M. Bieb.) Desv. nomen nudum; <i>A. graecorum</i> Boiss.; <i>A. kirghisorum</i> Schrenk; <i>A. turcorum</i> Boiss.; <i>A. camelorum</i> Fisch. ex DC. nomen nudum.]	camelthorn
B	<i>Allium paniculatum</i> L. <u>sensu lato</u> [California plants referable to ssp. <i>paniculatum</i> sensu W.T. Stearn in Flora Europaea V. 5, pp. 60-61. Rating would also apply to ssp. <i>fuscum</i> (Waldst. & Kit.) Arcangeli; <i>euboicum</i> (Rch.f.) Stearn, and <i>villosulum</i> (Halacsy) Stearn should referable plants be found in the State.]	panicked onion

- B *Allium vineale* L. non Sch.-Bip. ex Regel sensu lato wild garlic
[non *A. vineale* Sch.-Bip. ex Regel. California plants show variations referable to several intraspecific taxa sometimes recognized in the Old World. The following taxonomic synonyms refer also to at least a portion of *A. vineale sensu lato*: *A. affine*, Boiss. & Heldr. non Ledeb.; *A. assimile* Halacsy; *A. compactum* Thuill., *A. rilaense* Panov.]
- A *Alternanthera philoxeroides* (Mart.) Griseb. alligatorweed
[*Bucholzia philoxeroides* Mart.; *Telanthera p.* (Mart.) Moq. in DC.; *Mogiphanes p.* (Mart.) Parodi]
- A *Alternanthera sessilis* (L.) R. Br. ex DC. non Lem. (1865) sessile joyweed
[*Achyranthes sessilis* (L.) Desf. extend., *Alternanthera achyranthoides* Forsk., *Alternanthera glabra* Moq., *Alternanthera repens* Gmel., *Gomphrena sessilis* L.; *Illicebrum sessile* L.; *Alternanthera ficoidea* (L.) P. Beauv.]
- B *Ambrosia trifida* L. sensu lato giant ragweed
[including material referable to *A. t.* var. *aptera* Ktze.; var. *heterophylla* Ktze; var. *integrifolia* (Muhl. ex Willd.) Torr. & A. Gray; forma *integrifolia* (Muhl. ex Willd.) Fern.; var. *normalis* Ktze; var. *polyploidea* Rousseau; var. *texana* Scheele]
- B *Araujia sericifera* Brot. bladderflower
[*A. sericofera* (orthographic variant, see Forster & Bruyns, 1992, Taxon 41:746-749); sometimes sold as *Schubertia albens sensu auct.* (nomen nudum)]
- A *Arctotheca calendula* (L.) Levyns capeweed
[*Arctotis calendula* L.; *Cryptostemma calendulaceum* (L.) R.Br.; not *A. prostrata* (Salis.) Britten=*A. calendula* hort.]
- B *Arundo donax* L. giant reed
[*A. aegyptia* Delile; *A. bambusifolia* Hook. f.; *A. bifaria* Retz.:
- Q *Asphodelus fistulosus* L. onionweed
[*A. tenuifolius* Cav.]
- B *Atriplex ammicola* P. G. Wilson river saltbush
[*A. cephalantha* Aellen]
- C *Bacopa monnieri* (L.) Pennell water-hyssop
[*Bramia monnieri* (L.) Drake; *Lysimachia monnieri* L.]
- B *Berteroa incana* (L.) DC. hoary alyssum
[*Alyssum incanum* L.]
- A *Brachypodium sylvaticum* (Huds.) P. Beauv. slender false- brome
[*Brevipodium sylvaticum* (Huds.) Á. & D.Löve; *Festuca silvatica* Hudson non Villars; *Triticum sylvaticum* Moench non Salisbuty; *Bromus sylvaticus* Pollich]
- B *Cabomba caroliniana* A. Gray Carolina fanwort
- B *Cardaria chalapensis* (L.) Hand.-Mazz. lens-podded hoarycress
[*Lepidium chalapense* L. non Fisch ex DC. nec Ledeb.*]
- B *Cardaria draba* (L.) Desv. heart-podded hoarycress
[*Lepidium draba* L.*; *Cochlearia d.* (L.) L.; *Nasturtium d.* (L.) Crantz; *Jundzillia d.* (L.) Andrz.]
- B *Cardaria pubescens* (C.A. Mey.) Jarmol. globe-podded hoarycress
[*Lepidium appeltianum* Al-Shehbaz*; *Hymenophysa pubescens* C.A. Mey; *Cardaria p.* (C.A. Mey.) Rollins, nomen invalid, later homonym; *Cardaria p.* var. *elongata* Rollins]
- A *Carduus acanthoides* L. sensu lato plumeless thistle
[non *C. acanthoides* Gren. & Godr.; non Homem. nec Huds. nec Urb.; *C. a.* forma *albiflora* (L.) Gross; *C. a.* forma *mulligamii* B. Boivin; *C. a.* forma *ochranthus* Wallr.; *C. fortior* Klokov; *C. camporum* Boiss.; *C. velebiticus* Borbás; *Carduus murfatari* Nyár. & Prodán; *Carduus crispus* auct. non L.]

A	<i>Carduus crispus</i> L.	welted thistle
A	<i>Carduus nutans</i> L. <u>sensu lato</u> [<i>C. leiophyllus</i> Petrovic; <i>C. n.</i> var. <i>leiophyllus</i> (Petrovic) auct. (a nomen nudum mistakenly attributed to Arenes); <i>C. n.</i> subsp. <i>leiophyllus</i> (Petrovic) Stoj. & Stef.; <i>C. thoermeri</i> Weinm.; <i>C. n.</i> var. <i>vestitus</i> (Hallier) Boivin; <i>C. n.</i> var. <i>macrocephalus</i> (Desf.) Boivin; <i>C. n.</i> ssp. <i>macrocephalus</i> (Desf.) Nyman; <i>C. macrocephalus</i> Desf.; <i>C. n.</i> ssp. <i>macrolepis</i> (Petern.) Kazmi; <i>C. macrolepis</i> Petern.; <i>C. n.</i> var. <i>armenus</i> Boiss.; <i>C. n.</i> var. <i>songaricus</i> Winkl. ex O. Fedtsch. & B. Fedtsch.; <i>C. songaricus</i> (Winkl. ex O. Fedtsch. & B. Fedtsch.) Tamamsch.]	musk thistle
C	<i>Carduus pycnocephalus</i> L. [<i>C. pycnocephalus</i> subsp. <i>albidus</i> (Bieb.) Kazmi; <i>C. albidus</i> M.Bieb.; <i>C. p.</i> subsp. <i>cinereus</i> (Bieb.) P.H. Davis; <i>C. cinereus</i> sensu M.Bieb.]	Italian thistle
C	<i>Carduus tenuiflorus</i> Curtis [<i>C. pycnocephalus</i> L. var. <i>tenuiflorus</i> (Curtis) Fiori; <i>C. malacitanus</i> Boiss. & Reut.; <i>C. sardous</i> DC.]	slenderflowcred thistle
B	<i>Carthamus baeticus</i> (Boiss. & Reut.) Nyman [<i>Carduus baeticus</i> Boiss. & Reut.; <i>Kentrophyllum baeticum</i> (Boiss. & Reut) Boiss. & Reut.; <i>Carthamus lanatus</i> ssp. <i>baeticus</i> (Boiss. & Reuter) Nyman]	smooth distaff thistle
B	<i>Carthamus lanatus</i> L. [<i>C. lanatus</i> ssp. <i>creticus</i> (L.) Holmboc; <i>C. creticus</i> L.]	woolly distaff thistle
A	<i>Carthamus leucocaulos</i> Sibth. & Sm.	whitestem distaff thistle
C	<i>Cenchrus echinatus</i> L.	southern sandbur
C	<i>Cenchrus incertus</i> M.A. Curtis [<i>C. pauciflorus</i> Benth.; <i>C. spinifex</i> auct. N. Am. non Cav., <i>C. parviceps</i> Shinn.]	coast sandbur
C	<i>Cenchrus longispinus</i> (Hackel) Fernald [<i>C. pauciflorus</i> auct. non Benth.; <i>Cenchrus echinatus</i> L. forma <i>longispinus</i> Hackel]	mat sandbur
B	<i>Centaurea calcitrapa</i> L.	purple starthistle
A	<i>Centaurea diffusa</i> Lam.	diffuse knapweed
A	<i>Centaurea iberica</i> Trev. ex Spreng. <u>sensu lato</u> [includes <i>C. i.</i> ssp. <i>holzmanniana</i> (Boiss.) Dostal]	Iberian starthistle
A	<i>Centaurea maculosa</i> auct. non Lam. [The proper scientific name for the form of "spotted knapweed" in North America is apparently <i>C. stoebe</i> L. ssp. <i>micranthos</i> (Gugler) Hayek]	spotted knapweed
C	<i>Centaurea melitensis</i> L.	toalote; Malta starthistle
A	<i>Centaurea X moncktonii</i> C. E. Britton [<i>C. pratensis</i> Thuill. Non Salisb. nce Hornem.; <i>C. debeauxii</i> Godr. & Gren. var. <i>thuilleri</i> (Dostál) P.D. Sell]	meadow knapweed
C	<i>Centaurea solstitialis</i> L. <u>sensu lato</u> [including individuals referable to <i>C. s.</i> ssp. <i>schoenwii</i> (DC.) Dostal; <i>C. s.</i> ssp. <i>erythracantha</i> (Halacsy) Dostal.; <i>C. s.</i> ssp. <i>solstitialis</i> sensu Vol. V, Flora Europaea, Heywood et al. eds. 1976; <i>C. s.</i> ssp. <i>adamii</i> (Willd.) Nyman (this variant possibly not in California). All but the latter variant appear randomly throughout the State.	yellow starthistle
A	<i>Centaurea squarrosa</i> Willd. non Roth [<i>C. virgata</i> Lam. var. <i>squarrosa</i> (Willd.) Boiss.; <i>C. v.</i> ssp. <i>squarrosa</i> (Willd.) Gugler non <i>C. squarrosa</i> Roth (<i>Catalecta fasc. ii., p. 118. 1800</i>) (= <i>C. virgata</i> Lam.); <i>C. triumfettii</i> auct. N.Am. non All.]	squarrose knapweed

B	<i>Centaurea sulphurea</i> Willd. [<i>C. sicula</i> sensu auct. Ca., non L.]	Sicilian starthistle
B	<i>Ceratopteris thalictroides</i> (L.) Brogn. [<i>Ceratopteris deltoidea</i> Benedict; <i>Ceratopteris siliquosa</i> (L.) Copeland]	watersprite.
A	<i>Chondrilla juncea</i> L. [<i>C. intybacea</i> Friv.; <i>C. laciniata</i> Stev.; <i>C. latifolia</i> M. Bieb.; <i>C. lutea</i> Dulac; <i>C. rigens</i> Rchb.; <i>C. viminea</i> Bubani; <i>C. virgata</i> J.&C. Presl.; <i>C. viscosa</i> Gilib.]	skeletonweed
B	<i>Chorispora tenella</i> (Pall.) DC. [<i>Raphanus tenellus</i> Pall.]	purple mustard
B	<i>Cirsium arvense</i> (L.) Scop. [<i>Serratula arvensis</i> L.; <i>Breca arvensis</i> (L.) Less.; <i>Carduus arvensis</i> (L.) Robson; <i>Cephalonoplos arvensis</i> (L.) Fourr.; <i>Cnicus arvensis</i> (L.) Hoffm.; <i>Cirsium arvense</i> var. <i>setosum</i> Ledeb., and all other proposed infraspecific taxa not listed here.; <i>Cephalonoplos setosus</i> (Ledeb.) Kitamura; <i>Cirsium ochrolepideum</i> Juz.; <i>Cephalonoplos ochrolepideum</i> (Juz.) Juz.]	Canada thistle
B	<i>Cirsium japonicum</i> DC. [<i>Cnicus japonicus</i> (DC.) Maxim.; <i>Cnicus j.</i> var. <i>intermedius</i> Maxim.; <i>Cirsium laciniatum</i> Nakai; <i>Cirsium senile</i> Nakai; <i>Cirsium maackii</i> var. <i>kiusianum</i> Nakai; rating includes the following intraspecific taxa: <i>Cirsium japonicum</i> var. <i>horridum</i> Nakai; <i>C. j.</i> var. <i>ussuriense</i> (Regel) Kitam.; <i>C. j.</i> var. <i>ibukiense</i> Nakai; <i>C. j.</i> var. <i>vestitum</i> Kitam.; <i>C. j.</i> var. <i>diabolicum</i> (Kitam.) Kitam.]	Japanese thistle
A	<i>Cirsium ochrocentrum</i> A. Gray [<i>Cnicus ochrocentrus</i> (A. Gray) A. Gray]	yellowspine thistle
B*	<i>Cirsium undulatum</i> (Nutt.) Spreng. [<i>Carduus undulatus</i> Nutt.; includes <i>C. undulatum</i> var. <i>albescens</i> D.C. Eat.; <i>C. u.</i> var. <i>ciliolatum</i> Hend.; <i>C. u.</i> var. <i>megacephalum</i> (A. Gray) Fern.; <i>C. u.</i> var. <i>tracyi</i> (Rydb.) Welsh] * It is a weed in coastal counties where it is not native.	wavyleaf thistle
C	<i>Cirsium vulgare</i> (Savi) Ten. [<i>Carduus lanceolatus</i> L., <i>Cirsium lanceolatum</i> (L.) Scop. non Hill, <i>Cnicus lanceolatus</i> Willd.]	bull thistle
C	<i>Convolvulus arvensis</i> L.	field bindweed
B	<i>Coronopus squamatus</i> (Forskall) Asch. [<i>Lepidium coronopus</i> (L.) Al-Shehbaz*; <i>Lepidium squamatum</i> Forskall; <i>Coronopus procumbens</i> Gilib.; <i>Senebiera coronopus</i> (L.) Poir. <i>Carara coronopus</i> (L.) Medic.; <i>Myagrum coronopus</i> (L.) Crantz; <i>Coronopus coronopus</i> (L.) Karst., nomen invalid (tautonym); <i>Coronopus coronopus</i> (L.) Britt., nomen invalid (tautonym, later homonym)]	swinecress
B	<i>Cortaderia jubata</i> (Lemoine ex Carrière) Stapf [<i>Gynerium jubatum</i> Lemoine ex Carrière]	jubata grass
C	<i>Cotula mexicana</i> (DC.) Cabrera [<i>Soliva mexicana</i> DC.; <i>Cotula pygmaea</i> (Kunth) Benth. & Hook.f. ex Hemsl.; <i>Soliva pygmaea</i> Kunth; <i>Cotula minuta</i> (L. f.) Schinz; <i>Hippia minuta</i> L. f.; <i>Gymmostyles minuta</i> (L. f.) Spreng.; <i>Lancisia minuta</i> (L. f.) Rydb.; <i>Soliva minuta</i> (L. f.) Sweet]	pygmy brass buttons
A	<i>Crupina vulgaris</i> Pers. ex Cass. [<i>C. alpestris</i> Arvet.; <i>C. brachypappa</i> Jord. & Fourr.; <i>C. pauciflora</i> Kar & Kir.; <i>Centaurea crupina</i> L.]	bearded creeper
A	<i>Cucumis melo</i> L. var. <i>dudaim</i> (L.) Naudin [<i>Cucumis dudaim</i> L.]	dudaim melon
B	<i>Cucumis myriocarpus</i> Naudin	paddy melon

A	<i>Cuscuta</i> spp. [non-native] [There currently are 2 introduced <i>Cuscuta</i> spp. in California, <i>C. approximata</i> Bab. and <i>C. japonica</i> Choisy (giant dodder). This rating applies to any non-native species. <i>C. reflexa</i> should be looked for.]	giant dodder
C	<i>Cuscuta</i> spp. [native] [There are 14 native <i>Cuscuta</i> spp. in California, of which only <i>C. indecora</i> Choisy and <i>C. pentagona</i> Engelm. consistently parasitize cultivated material.]	dodder
B	<i>Cynara carthunculus</i> L. [<i>C. horrida</i> Ait.]	artichoke thistle
B	<i>Cyperus esculentus</i> L. [<i>Pycnus esculentus</i> (L.) Hayek; <i>Cyperus melanorhizus</i> Delile, <i>Cyperus aureus</i> Ten., non Georgi; includes <i>C. esculentus</i> var. <i>sativus</i> Boeckeler - cultivated form with larger, more elongate tubers; <i>C. e.</i> var. <i>heermannii</i> (Buckl.) Britt.; var. <i>leptostachyus</i> Boeckeler; var. <i>macrostachyus</i> Boeckeler]	yellow nutsedge
B	<i>Cyperus rotundus</i> L. [<i>Pycnus rotundus</i> (L.) Hayek]	purple nutsedge
C	<i>Cytisus scoparius</i> (L.) Link [<i>Spartium scoparium</i> L.; <i>Genista scoparia</i> (L) Lam., non Vill. <u>sensu lato</u> ; <i>Genista scoparia</i> Vill. (invalid); <i>Sorothamnus scoparius</i> (L.) Wimmer & Koch; <i>C. scoparius</i> ssp. <i>cantabricus</i> (Willk.) M. Lainz ex Rivas -Martinez, Izco & M. Coste; <i>Sorothamnus cantabricus</i> Willk.; <i>C. scoparius</i> ssp. <i>reverchonii</i> (Degen & Hervier) Rivas-Goday & Rivas-Martinez; <i>Sorothamnus riverchonii</i> Degen & Hervier; <i>C. scoparius</i> var. <i>andreamus</i> (Puiss.) Dippel, and ssp. <i>maritimus</i> (Rouy) Heywood, <i>Genista scoparia</i> (L.) Lam. var. <i>maritima</i> Rouy]	Scotch broom
B	<i>Delairea odorata</i> Lem. [<i>Senecio mikanioides</i> Otto ex Walp.]	cape-ivy
B	<i>Diodia virginiana</i> L. [<i>Diodia hirsuta</i> Pursh, <i>Diodia tetragona</i> Walt.]	buttonweed
B	<i>Drymaria cordata</i> (L.) Willd. ex Schult [<i>Holosteum cordata</i> L.]	whitesnow
C	<i>Egeria densa</i> Planch. [<i>Anacharis densa</i> (Planch.) Victorin; <i>Elodea densa</i> (Planch.) Caspary; <i>Philotria densa</i> (Planch.) Small & St. John]	Brazilian waterweed
Q	<i>Egeria najas</i> Planch.	narrow-leaf elodea
C	<i>Eichhornia crassipes</i> (Mart.) Solms [<i>Pontederia crassipes</i> Mart.; <i>P. crassipes</i> R. & S.; <i>Piaropus crassipes</i> (Mart.) Raf.; <i>Piaropus crassipes</i> Britt.]	water hyacinth
B	<i>Elytrigia repens</i> (L.) Desv. ex Nevski [<i>Agropyron repens</i> (L.) P. Beauv.; <i>Elymus repens</i> (L.) Gould; <i>Triticum repens</i> L.]	quackgrass
A	<i>Euphorbia esula</i> L. [<i>E. e.</i> var. <i>orientalis</i> Boiss.; var. <i>uralensis</i> (Fisch. ex Link) Dorn]	leafy spurge
B	<i>Euphorbia graminea</i> Jacq. [<i>Agaloma graminea</i> (Jacq.) D. B. Ward]	grassleaf spurge
B	<i>Euphorbia oblongata</i> Griseb. [<i>E. platyphylla</i> sensu auct. CA., non L.]	oblong spurge
A	<i>Euphorbia serrata</i> L.	serrate spurge
B	<i>Euphorbia terracina</i> L.	Geraldton carnation spurge

B	<i>Fatoua villosa</i> (Thunberg) Nakai [<i>Urtica villosa</i> Thunb. non Salzm. Ex Miq.]	hairy crabweed
	<i>Gaura</i> see <i>Oenothera</i>	
C	<i>Genista monspessulana</i> (L.) L.A.S. Johnson [<i>Cytisus monspessulanus</i> L.]	French broom
A	<i>Halimodendron halodendron</i> (Pall.) Voss [including <i>H. halodendron</i> var. <i>albiflorum</i> (Kar. & Kir.) Prjeh.; <i>Robinia halodendrum</i> Pall.; <i>H. halodendron</i> Druce (nomen invalid); <i>Caragana argenteum</i> Lam. <i>H. argenteum</i> (Lam.) DC., including <i>H. argenteum</i> var. <i>albiflorum</i> Kar. & Kir.; <i>H. triflorum</i> Willd. ex Link; <i>H. subvirescens</i> G. Don; <i>H. cuspidatum</i> Jaub. et Spach; <i>H. marginatum</i> Jaub. et Spach]	Russian salt tree
A	<i>Halogeton glomeratus</i> (M. Bieb.) C.A. Mey. [<i>Anabasis glomerata</i> M. Bieb.; <i>Salsola glomerata</i> (M. Bieb.) Steph. ex Ldb.]	halogeton
A	<i>Helianthus ciliaris</i> DC.	blueweed
A	<i>Hydrilla verticillata</i> (L.f.) Royle [<i>Serpicula verticillata</i> L.f.]	hydrilla
A	<i>Hydrocharis morsus-ranae</i> L. [<i>H. asarifolia</i> Gray; <i>H. asiatica</i> Miq.; <i>H. batrachyodegma</i> St.-Lag.; <i>H. cellulosa</i> Buch.-Ham.; <i>H. cordifolia</i> St.-Lag.; <i>H. rotundifolia</i> Gilib.]	frogbit
A	<i>Hygrophila polysperma</i> (Roxb.) T. Anders. [<i>Justicia polysperma</i> Roxb., Fl. Ind. 1:120. 1820; <i>Hemidelphis polysperma</i> (Roxb.) Nees in Wall., Pl. Asiat. Rar. 3:30. 1832]	swampweed
C	<i>Hyoscyamus niger</i> L.	black henbane
B	<i>Hypericum canariense</i> L.	Canary Island St. Johnswort
C	<i>Hypericum perforatum</i> L.	Klamathweed
Q	<i>Iris pseudacorus</i> L.	yellow flag
B	<i>Isatis tinctoria</i> L.	dyer's woad
C	<i>Iva axillaris</i> Pursh <u>sensu lato</u> [includes <i>I. a.</i> var. <i>robustior</i> Hook.; <i>I. a.</i> subsp. <i>robustior</i> (Hook.) Bassett]	povertyweed
A	<i>Lagarosiphon major</i> (Ridl.) Moss [" <i>Elodea crispata</i> " Hort.]	curly water-weed
B	<i>Lepidium latifolium</i> L. [numerous infraspecific taxa described in the Old World, including <i>L. l.</i> var. <i>velutinum</i> Hayek ex Thell., of which to date only the typical variety has been found in California]	perennial peppergrass
A	<i>Limnobiium laevigatum</i> (Humb. & Bonpl. ex Willd.) Heine [<i>Hydromystrina laevigata</i> (Humb. & Bonpl. Ex Willd.) Lowden; <i>Limnobiium spongia</i> (Bosc) Steud. subsp. <i>laevigatum</i> (Humb. & Bonpl. ex Willd.) Heine]	South American spongeplant
A	<i>Limnobiium spongia</i> (Bosc) Steud. <u>sensu stricto</u> [often sold as <i>Hydrocharis morsus-ranae</i> L.; <i>L. spongia</i> subsp. <i>spongia</i> ; <i>Limnobiium bosci</i> Rich.]	spongeplant
A	<i>Limnophila indica</i> (L.) Druce [<i>Hottonia indica</i> L.; <i>Ambulia indica</i> (L.) W.F. Wight; <i>Terebinthina indica</i> (L.) Kuntze; <i>L. gratioides</i> R. Br.; <i>Ambulia gratioides</i> (R. Br.) Baill.; also including <i>L. ludoviciana</i> Thieret (= <i>L. indica</i> X <i>L. sessiliflora</i> (Vahl) Blume)]	ambulia

A	<i>Linnophila sessiliflora</i> (Vahl) Blume	dwarf ambulia
A	<i>Linaria genistifolia</i> (L.) Mill. subsp. <i>dalmatica</i> (L.) Maire & Petitm. [<i>Antirrhinum dalmaticum</i> L.; <i>Linaria dalmatica</i> (L.) Mill. <u>sensu lato</u>]	Dalmatian toadflax
A	<i>Ludwigia peruviana</i> (L.) H.Hara [<i>Jussiaea grandiflora</i> L.; <i>Jussiaea peruviana</i> L.]	water primrose
B	<i>Lythrum salicaria</i> L.	purple loosestrife
B	<i>Muhlenbergia schreberi</i> J.F. Gmelin	nimblewill
B	<i>Myosoton aquaticum</i> (L.) Moench [<i>Stellaria aquatica</i> L.; <i>Cerastium aquaticum</i> L.]	giant chickweed
C	<i>Myriophyllum spicatum</i> L. non Gmel. [no <i>M. spicatum</i> auct. non Gmel.]	Eurasian watermilfoil
C	<i>Nassella tenuissima</i> (Trin.) Barkworth [<i>Stipa tenuissima</i> Trin.; <i>Stipa cirrosa</i> E.Fourn. ex Hemsl.; <i>Stipa geniculata</i> Phil.; <i>Stipa mendocina</i> Phil.; <i>Stipa oreophila</i> Speg.; <i>Stipa subulata</i> E.Fourn. ex Hemsl.]	feather needlegrass
B	<i>Nothoscordum gracile</i> (Ait.) Stearn <u>sensu lato</u> [includes <i>N. borbonicum</i> Kunth (false-garlic); <i>Allium gracile</i> Ait.; <i>Nothoscordum gracile</i> (Ait.) Stearn; <i>N. fragrans</i> (Vent.) Kunth; <i>Allium fragrans</i> Vent., <i>Nothoscordum inodorum</i> auct. non (Ait.) Nicholson (misapplied, = <i>Allium neapolitanum</i>)]	fragrant false garlic
B	<i>Nymphaea mexicana</i> Zucc.	banana waterlily
C	<i>Nymphaea odorata</i> Aiton [<i>Castalia odorata</i> (Aiton) Wood]	fragrant waterlily
B	<i>Oenothera xeno-gaura</i> W. L. Wagner & Hoch [<i>Gaura drummondii</i> (Spach) Torr. & A. Gray; <i>G. odorata</i> auct. non Scsse ex Lag.]	Drummond's gaura
B	<i>Oenothera sinuosa</i> W. L., Wagner & Hoch [<i>Gaura sinuata</i> Ser.]	wavy-leaved gaura
A	<i>Ononis alopecuroides</i> L. [<i>O. salzmanniana</i> Boiss. & Reut. non sensu Ivimey-Cook in Flora Europaea V. 2, 1968]	foxtail restharrow
A	<i>Onopordum acanthium</i> L. <u>sensu lato</u> [including the numerous infraspecific taxa recognized in the Old World, of which to date only the typical has been found in N. America]	Scotch thistle
A	<i>Onopordum illyricum</i> L.	Illyrian thistle
A	<i>Onopordum tauricum</i> Willd.	Taurian thistle
A	<i>Orobanche ramosa</i> L.	branched broomrape
B	<i>Oryza rufipogon</i> Griff. [provisionally non <i>Oryza sativa</i> L. forma <i>spontanea</i> Roshev 1931, non Backer, 1928. Roshev's type not seen by Duistermaat (Blumea 32: 157-193, 1987)]	perennial wild red rice
B	<i>Panicum antidotale</i> Retz.	blue panicgrass
A	<i>Peganum harmala</i> L. [including <i>P. h.</i> var. <i>stenophyllum</i> Boiss. and <i>P. h.</i> var. <i>multisecta</i> Maxim. described from the Old World, but not (yet) recorded for North America]	harmel

C	<i>Pennisetum clandestinum</i> Chiov.	Kikuyugrass
A	<i>Physalis longifolia</i> Nutt. [<i>Physalis virginiana</i> Mill. var. <i>sonorae</i> (Torr.) Waterf.; <i>P. pumila</i> Nutt. var. <i>sonorae</i> Torr.; <i>P. rigida</i> Pollard & Ball]	long-leaf groundcherry
B	<i>Physalis viscosa</i> L.	grape groundcherry
B	<i>Pistia stratiotes</i> L. [<i>Apiospermum occidentale</i> Blume, <i>Limonesis commutata</i> Klotzsch, <i>L. friedrichsthaliana</i> Klotzsch, <i>Pistia aethiopica</i> Fenzl ex Klotzsch, <i>P. africana</i> C. Presl., <i>P. commutata</i> Schleid., <i>P. crispata</i> Blume., <i>P. occidentalis</i> Blume]	water lettuce
B	<i>Polygonum cuspidatum</i> Siebold & Zucc. [<i>Fallopia japonica</i> (Houtt.) Ronse Decr.*; <i>Polygonum zuccarinii</i> Small; <i>Reynoutria japonica</i> Houtt.]	Japanese knotweed
B	<i>Polygonum polystachyum</i> Meissn. [<i>Persicaria wallichii</i> Greuter & Burdet*]	Himalayan knotweed
B	<i>Polygonum sachalinense</i> Maxim. [<i>Fallopia sachalinensis</i> (F. Schmidt ex Maxim.) Ronse Deer.*; <i>Reynoutria sachalinensis</i> (F. Schmidt ex Maxim.) Nakai]	giant knotweed
Q	<i>Pontederia cordata</i> L.	pickerelweed
A	<i>Potentilla recta</i> L.	sulfur cinquefoil
A	<i>Prosopis strombulifera</i> (Lam.) Benth. [<i>Mimosa strombulifera</i> Lam.]	creeping mesquite
B	<i>Retama monosperma</i> (L.) Boiss. [<i>Genista monosperma</i> (L.) Lam.; <i>Spartium monospermum</i> L.]	bridal broom
B	<i>Rorippa austriaca</i> (Crantz) Besser [<i>Nasturtium austriacum</i> Crantz]	Austrian field cress
B	<i>Rorippa sylvestris</i> (L.) Besser [<i>Sisymbrium sylvestre</i> L.]	creeping yellow field cress
C	<i>Rotala rotundifolia</i> (Buch.-Ham. ex Roxb.) Koehne (<i>Ammannia rotundifolia</i> Buch.-Ham. ex Roxb.)	roundleaf rotala
A	<i>Salsola collina</i> Pall.	spineless Russianthistle
C	<i>Salsola paulsenii</i> Litv. [<i>S. pellucida</i> D.I. Litvinov]	barbwire Russianthistle
C	<i>Salsola tragus</i> L. [<i>S. australis</i> auct non R. Br.; <i>S. iberica</i> (Sennen & Pau) Botsch.; <i>S. kali</i> auct. non L.; <i>S. ruthenica</i> Iljin in B. Keller et al. as used in numerous references; <i>S. pestifer</i> A. Nelson; all cf. Mosyakin, S.L., 1996, Hrusa, G.F. & J.F. Gaskin, 2008]	common Russianthistle
A	<i>Salsola vermiculata</i> L. [California material may be the segregate species <i>S. damascena</i> Botsch. <u>sensu stricto</u> cf. Mosyakin, S.L., Ann. Missouri Bot. Gard. 83: 387-395. 1996. Synonymy for <i>S. damascena</i> follows Mosyakin 1996: = <i>S. rigida</i> Pall. var. <i>tenuifolia</i> Boiss. pro parte; <i>S. rigida</i> Pall. subsp. <i>tenuifolia</i> (Boiss.) Botsch. pro parte auct. non Delile pro parte, <i>S. vermiculata</i> L. subsp. <i>villosa</i> auct. non (Delile) Eig pro parte].	wormleaf saltwort
B	<i>Salvia aethiops</i> L.	Mediterranean sage
A	<i>Salvia virgata</i> Jacq.	southern meadow sage

[*S. pratensis* L. pro parte; some specimens appear referable to *Salvia superba* Stapf non Hort. ex Vilm., a hybrid between *S. nemorosa* L. and *S. pratensis* L. s.s., our material fide Ian Hedge, RBG Edinburgh as *S. virgata* Jacq.]

- A *Salvinia auriculata* Aubl. sensu lato giant salvinia
[includes *S. auriculata* Aubl. s.s.; *S. biloba* Raddi; *S. herzogii* de la Sota; and *S. molesta* D.S. Mitch.]
- A *Scolymus hispanicus* L. golden thistle
[*Scolymus grandiflorus* Desf.]
- B *Senecio jacobaea* L. tansy ragwort
[*Jacobaea vulgaris* Gaertn.*; *S. j.* var. *flosculosum* DC.; *S. j.* var. *grandiflorus* Korsh, non Turz. ex DC.; *S. j.* var. *g.* Tuiz ex DC. non Korsh.; *S. jacobaeoides* Willk.]
- Q *Senecio linearifolius* A. Rich. narrowleaf ragwort
- B *Senecio squalidus* L. Oxford ragwort
[*S. laciniatus* S.F. Gray; *S. nebrodensis* auct. non L.]
- Q *Senna obtusifolia* (L.) H. S. Irwin & Barneby sicklepod
[*Cassia humilis* Collad.; *Cassia obtusifolia* L.; *Cassia tora* auct. non L.; *Cassia tora* L. var. *humilis* (Collad.) Collad. *Cassia tora* L. var. *obtusifolia* (L.) Haines; *Cassia toroides* Raf.; *Cassia toroides* Roxb.; *Diallobus falcatus* Raf. *Diallobus uniflorus* Raf.; *Senna toroides* Roxb.]
- B *Sesbania punicea* (Cav.) Benth. scarlet wisteria
[*Piscidia punicea* Cav.; *Emerus puniceus* (Cav.) Kuntze; *Daubentonia punicea* (Cav.) DC.; *Sesbania tripetii* Hort. ex F. T. Hubbard]
- B *Setaria faberi* R.A.W. Heron. giant foxtail
[*S. macrocarpa* Luchnik]
- A *Solanum cardiophyllum* Lindl. heartleaf nightshade
[may = *S. boldoense* Dunal]
- B *Solanum carolinense* L. Carolina horsenettle
[including *S. c.* var. *floridamm* (Shuttlew. ex Dunal) Chapman; *S. c.* var. *hirsutum* (Nutt.) A. Gray]
- A *Solanum dimidiatum* Raf. Torrey's nightshade
- B *Solanum elaeagnifolium* Cav. white horsenettle
[*S. dealbatum* Lindl.; *S. obtusifolium* Dunal; *S. elaeagnifolium* var. *obtusifolium* (Dunal) Dunal; *S. flavidum* Torr.; *S. saponaceum* Dunal; *S. texense* Engelm. & A. Gray; *S. elaeagnifolium* forma *benkei* Standl.; *S. e.* var. *angustifolium* Kuntze; *S. leprosum* Ortega *S. e.* var. *argyrocroton* Griseb.; *S. e.* var. *grandiflorum* Griseb.; *S. e.* var. *ovalifolium* Kuntze]
- B *Solanum lanceolatum* Cav., non Ruiz & Pavon, 1799 lanceleaf nightshade
[*S. densiflorum* M. Martens & Galeottii; *S. floccosum* M. Martens & Galeottii; *S. hartwegii* Benth.]
- B *Solanum marginatum* L.f. white-margined nightshade
- A *Sonchus arvensis* L. perennial sowthistle
[*Hieracium arvense* (L.) Scop.; including *S. brachyotus* DC.; *S. arvensis* forma *brachyotus* (DC.) Kirp.; *S. a.* ssp. *brachyotus* (DC.) Kitam.; *S. uliginosus* M. Bieb.; *S. arvensis* ssp. *uliginosus* (M. Bieb.) H. Neumayer; *S. a.* var. *uliginosus* (M. Bieb.) Trautv.; *S. a.* var. *glabrescens* Gunth., Grab. & Wimm.; *S. a.* var. *laevipes* Boiss., non Koch, 1837]
- C *Sorghum halepense* (L.) Pers. johnsongrass
[*Holcus halepensis* L.; applies also to other perennial *Sorghum* spp. including but not limited to *Sorghum almum* Parodi]
- C *Spartium junceum* L. Spanish broom

A	<i>Sphaerophysa salsula</i> (Pall.) DC. [<i>Phaca salsula</i> Pall.; <i>Swainsona salsula</i> (Pall.) Taubert in Engl. & Prantl]	Austrian pcaweed
A	<i>Striga asiatica</i> (L.) Kuntze [<i>Buchnera asiatica</i> L.; <i>S. lutea</i> Lour.]	witchweed
B	<i>Symphytum asperum</i> Lepechin [<i>S. armeniacum</i> Bucknall]	rough comfrey
C	<i>Taeniatherum caput-medusae</i> (L.) Nevski [<i>Elymus caput-medusae</i> L.; <i>Hordeum caput-medusae</i> (L.) Crosson & Durand; <i>Cuviera caput-medusae</i> (L.) Simk. <i>Taeniatherum asperum</i> (Simk.) Nevski; <i>T. caput-medusae</i> subsp. <i>asperum</i> (Simk.) Melderis; <i>Taeniatherum crinitum</i> (Schreb.) Nevski var. <i>caput-medusae</i> (L.) Wipff.]	medusahead
A	<i>Tagetes minuta</i> L. [<i>T. bonariensis</i> Pers.; <i>T. glandulifera</i> Schrank; <i>T. glandulosa</i> Link; <i>T. porophyllum</i> Vell.]	wild marigold
B	<i>Tamarix chinensis</i> Lour. [<i>T. caspica</i> Hort. Gall. Ex Dippel; <i>T. gallica</i> Thunb.; <i>T. japonica</i> Hort. Ex Dippel]	Chinese tamarisk
B	<i>Tamarix gallica</i> L. [<i>T. canariensis</i> Willd.; <i>T. ehrenbergii</i> Presl ex Bunge; <i>T. elegans</i> Spach; <i>T. epacroides</i> Sm.; <i>T. evermanni</i> Presl. Ex Ledeb.; <i>T. indica</i> Willd.; <i>T. lessingii</i> presl. Ex Bunge; <i>T. libanotica</i> Hort. Ex K.Koch; <i>T. mamifera</i> Kotschy ex Bunge; <i>T. narbonensis</i> Garsault; <i>T. nilotica</i> (Ehrenb.) Bunge; <i>T. palaestina</i> Bertol.; <i>T. pallasii</i> Desv.; <i>T. paniculata</i> Stev. Ex DC.; <i>T. pentandra</i> Pall.; <i>T. senegalensis</i> DC.; <i>T. tetrandra</i> Guebh. Ex Bunge]	French tamarisk
B	<i>Tamarix parviflora</i> DC. [<i>T. cretica</i> Bunge; <i>T. gallica</i> Sieber ex Nyman; <i>T. pentandra</i> Hampe. Ex Bunge; <i>T. petteri</i> Presl ex Bunge;	smallflower tamarisk
B	<i>Tamarix ramosissima</i> Ledeb. [sometimes included in <i>T. gallica</i> s.l.]	saltcedar
C	<i>Tribulus terrestris</i> L.	puncturevine
B	<i>Ulex europaeus</i> L., non Brotcro (1804), nec Savi [<i>U. e.</i> ssp. <i>borealis</i> Rothm.; <i>U. e.</i> ssp. <i>latebracteatus</i> (Mariz.) Rothm.]	gorse
H	<i>Vallisneria</i> spp.	eelgrass
B	<i>Viscum album</i> L. [including <i>V. abietis</i> (Wiesb.) Fritsch; <i>V. austriacum</i> Wiesb.; <i>V. austriacum</i> var. <i>abietis</i> Wiesb.; <i>V. album</i> ssp. <i>abietis</i> (Wiesb.) Abrom.; <i>V. a.</i> ssp. <i>meridianum</i> (Danser) Long]	European mistletoe
A	<i>Zostera japonica</i> Ascher & Graebner [<i>Nanozostera japonica</i> (Asch. & Graebn.) P. Toml & U. Posl.]	Japanese eelgrass
A	<i>Zygophyllum fabago</i> L. [<i>Z. f.</i> var. <i>brachycarpum</i> auct. non Boiss.]	Syrian beancaper