File S1. Reproducible R code for calculating the one-to-many phylogenetic distance metrics NTD, PD10, meanPD, and AUPhyDC, with example phylogenetic tree from UCSC Meadow community. R code includes functions to calculate each of the metrics described in the text. The dated phylogenetic tree of the UCSC Meadow example community is provided in Newick format, along with observed percent cover of each species, as published in Parker et al. (2015) Nature doi.org/10.1038/nature14372, so that the code is reproducible. Also included is code for generic versions of the key figures, using the example community data.

```
#0_One-to-Many Phylogenetic distance metrics_R
#Version 2020.12.08 by Gregory S Gilbert
#Code for the R statistical language for all analyses and metrics

#required library with tools for handling phylogenetic trees
library(picante)

#read in the phylogenetic tree of UCSC Meadow plant species for Figure 1
mtree<-read.tree(text="(((((Anagallis_arvensis:110.833313,((((((Baccharis_pilu-
laris:6.307831,Erigeron_canadensis:6.307831)Astereae:9.461731,(Pseudogna-
phalium_sp.:7.884781,Pseudognaphalium_californicum:7.884781)Pseudogna-
phalium:7.884781):19.540009,(Lactuca_virosa:10.3,(Hypochaeris_radicata:7.1,(Sonchus_as-
per:3.6391296,Taraxacum_campylodes:3.6391296):2.9):2.9)Cichorieae:25.605224):5.65564,(Car-
duus_pycnocephalus:4.658081,Cirsium_vulgare:4.658082):36.307129)Asteraceae:54.451446,(Co-
nium_maculatum:23.854164,Foeniculum_vulgare:23.854164)Apiaceae:71.562492):9.25,((Convolvu-
lus_arvensis:84.944427,Plantago_lanceolata:84.944427):6.944458,Galium_apa-
rine:91.888886):12.777771)Euasterids:6.166656):8.166687,(Rumex_acetosella:29.5,Rumex_salicifo-
lius:29.5)Rumex:89.5):6,(((Brassica_nigra:40.833328,Raphanus_raphanistrum:40.833328)Brassica-
ceae:54.166672,((Erodium_botrys:31.166666,Erodium_cicutarium:31.166666)Erodium:31.166666,Gera-
nium_dissectum:62.333332)Geraniaceae:32.666666)Malvids:1.5,((((Medicago_polymor-
pha:5.226685,(Trifolium_dubium:2.613343,(Trifolium_angustifolium:1.3066715,Trifolium_subterra-
neum:1.3066715):1.3066715):2.613343)Trifolieae:5.226654,(Vicia_benghalensis:5.226669,Vicia_sa-
tiva:5.226669)Vicia:5.226669):74.196655,Rubus_ursinus:84.649994):5.649994,Oxalis_cornicu-
lata:90.299988):6.200012)Eurosids:28.5):22,Eschscholzia_californica:147)Eudi-
cots:7.629639,(((((((Avena_barbata:29.118317,(Briza_maxima:14.559158,Briza_mi-
nor:14.559158)Briza:14.559158):7.279572,Polypogon_monspeliensis:36.397888):3.308899,Vulpia_bro-
moides:39.706787):7.941345,((Bromus_diandrus:18.718918,Bro-
mus_hordeaceus:18.718918):25.525772,Lolium_multiflorum:44.24469):3.403442):5.29425,Brachypo-
dium_distachyon:52.942383):7.941345,Nassella_pulchra:60.883728)Poaceae:51.760712,Chloro-
galum_pomeridianum:112.64444)Monocots:41.985199);")

#Alternatively, read in any other dated newick file using read.tree
#mtree<-read.tree(file.choose())

#Display the phylogenetic tree (mtree) as in Figure 1
plot(mtree,cex=.8) #display the tree
axisPhylo()#add the time scale
mtext("Ma",side=1,line=1,at=180)#label the time axis with units

#phydist: calculate a symmetrical phylogenetic distance matrix from mtree
phydist<-cophenetic(mtree)  #cophenetic is a function from APE
phydist[1:4,1:4] #peek at a corner of the phylogenetic distance matrix

#Figure 2: Histogram of community-wide phylogenetic distances
#Includes only the lower triangle of the symmetrical matrix
#this lt matrix then includes just one distance for each species pair
phydist_lt<-phydist  #make a copy of the matrix
phydist_lt[upper.tri(phydist_lt,diag=TRUE)]<-NA #sets upper and diagonal to NA
phydist_lt[1:4,1:4] #peek at a corner of the lt phylogenetic distance matrix
#make a histogram of the phylogenetic distances from the lower triangle
#Example for UCSC Meadow panel of Figure 2
```

```
hist(phydist_lt,xlab="Phylogenetic distance (Myr)",ylab="Number of plant
pairs",las=1,main=NA,breaks=seq(0,320,40))


#Calculation of one-to-many metrics NTD, PD10, meanPD
#phydist_nd: set symmetrical matrix diagonal of distances to self (0 My) to NA
phydist_nd<-phydist; diag(phydist_nd)<-NA

#NTD: calculate nearest taxon distance for each focal taxon
NTDout<-apply(phydist_nd,MARGIN=2,FUN=min,na.rm=TRUE)
#PD10: calculate 10th Quantile (PD10) pairwise phylogenetic distance for each focal taxon
PD10out<-apply(phydist_nd,MARGIN=2,FUN=quantile,probs=0.1,na.rm=TRUE,type=1)
#meanPD: calculate mean pairwise phylogenetic distance for each focal taxon
meanPDout<-apply(phydist_nd,MARGIN=2,FUN=mean,na.rm=TRUE)

#Function AUPhyDC: calculates Area Under the Phylogenetic Distance Curve
#AUPhyDC takes two input values:
#qMy is a vector of quantile distances for a focal species
#calculated from a phylogenetic distance matrix with diagonal set to NA
#qwidth is the width of the quantile steps used in creating qMy
#Function returns the value of AUPhyDC
AUPhyDC<-function(qMy,qwidth){
  midptsA<-qMy[1:length(qMy)-1] #blank vector for midpoint disease
  for (i in 1:length(qMy)-1){midptsA[i]<-(qMy[i+1]+ qMy[i])/2}
  AUPhyDC<-sum(midptsA*qwidth)
  AUPhyDC
}

#How to use function AUPhyDC to calculate the AUPhyDC
#First set qwidth, the desired width of quantile steps in fractional units
#Values of qwidth between 0 and 1 that are evenly divisible into 1 are acceptable
#(e.g., 0.01, 0.02, 0.05)
#Use quantile() to calculate qMy vector of PDs at each qwidth quantile from 0 to 1,
#from phydist_nd phylogenetic distance matrix with the diagonal (self-distances) set to NA.

#To calculate AUPhyDC for one specific taxon
#In quantile(), indicate the name of the focal taxon in quotes
#exactly as it appears in the colnames of phydist_nd
#e.g., "Cirsium_vulgare".  Use colnames(phydist_nd) to see available names of taxa
qwidth<-0.02  #sets value of qwidth for Reimann sum
qMy<-quantile(phydist_nd[,"Cirsium_vulgare"],probs=seq(0,1,qwidth),na.rm=TRUE,type=1)
AUPhyDC(qMy,qwidth) #calculates the AUPhyDC

#AUPhyDCout: calculate mean pairwise phylogenetic distance for each focal taxon in matrix
qwidth<-0.02  #sets value of qwidth for Reimann sum
#Create a matrix with rows of focal taxa and columns of the phylogenetic distances for each
quantile
qp<-as.matrix(apply(phydist_nd,MARGIN=2,FUN=quantile,probs=seq(0,1,qwidth),na.rm=TRUE,type=1))
AUPhyDCout<-apply(qp,MARGIN=2,FUN=AUPhyDC,qwidth=qwidth)

#Figure 3: Cumulative phylogenetic distance plot by focal species
#Shown is example for Cirsium vulgare.
#Use colnames(qp) to see available names of taxa
plot(seq(0,1,qwidth)*100,qp[,"Cirsium_vulgare"],type="b",xlab="Quantile",ylab="Phylogenetic dis-
tance (Myr)")

#Figure 4: Reproduce histograms for values from each focal taxon for NTD, PD10, meanPD, and AU-
PhyDC for Figure 1
par(mfrow=c(2,2))
hist(NTDout,breaks=seq(0,320,20)) #Figure 4a
hist(PD10out,breaks=seq(0,320,20)) #Figure 4b
```

```
hist(meanPDout,breaks=seq(0,320,20)) #Figure 4c
hist(AUPhyDCout,breaks=seq(0,320,10)) #Figure 4d
par(mfrow=c(1,1))

#Weighted measures
#Weighted PD10
#A weighted PD10 measure is conceptually the PD10 based on the phylogenetic distance from a fo-
cal species individual
# to all the other individual plants in the community
#For a sample vector of relative abundances that total 1 (including the focal species)
# the species-level one-to-many phylogenetic distance vector is expanded to replicate
# the distance to each target species in proportion to the relative abundance of that target
species in the community
#The PD10 is then calculated from that vector of individual-based phylogenetic distances
#Abundance data can be in any form (counts, percent cover, relative abundance) and then normal-
ized to sum to 1 for calculations
#The weighted PD10 can be calculated to either include the abundance of the focal species or to
only include heterospecific individuals

#wPD10 takes as input:
#phydist: symmetrical phylogenetic distance matrix including zeros in diagonal
#abundance vector: abundances of each of the species in the phydist matrix with same names
#self: logical value where TRUE includes the focal species (default) and FALSE excludes focal
species
#Output is vector of PD10 for each focal species in the phydist matrix
wPD10<-function(phydist,abundvector,self){
  #normalize abundance vector to sum to 1 then put in same order as phydist
    abundvector<-abundvector/(sum(abundvector))
  abundvector<-abundvector[order(factor(names(abundvector),levels=colnames(phydist)))]
  wPD10out<-abundvector #make vector to hold wPD10out values
  for (i in 1:length(abundvector)){
  ipd<-rep(phydist[1,1],round(abundvector[1]*10000,0))
  for (j in 2:length(abundvector)){
    ipd<-c(ipd,rep(phydist[i,j],round(abundvector[j]*10000,0)))
  }
  wPD10out[i]<-quantile(ipd,probs=0.1,type=1) #wPD10 including self
  if(!isTRUE(self)){ipd<-ipd[ipd!=0]; wPD10out[i]<-quantile(ipd,probs=0.1,type=1)} #without self
  }
  wPD10out
}

#Weighted AUPhyDC
#The weighted AUPhyDC takes the same input as the wPD10 function, plus
#qwidth: the value of the quantile interval (e.g., 0.02)
wAUPhyDC<-function(phydist,abundvector,self,qwidth){
  #normalize abundance vector to sum to 1 then put in same order as phydist
  abundvector<-abundvector/(sum(abundvector))
  abundvector<-abundvector[order(factor(names(abundvector),levels=colnames(phydist)))]
  wAUPhyDCout<-abundvector #make vector to hold wAUPhyDCout values
  if(is.na(qwidth)){qwidth<-0.02}
  for (i in 1:length(abundvector)){
    ipd<-rep(phydist[1,1],round(abundvector[1]*10000,0))
    for (j in 2:length(abundvector)){
    ipd<-c(ipd,rep(phydist[i,j],round(abundvector[j]*10000,0)))
    }
    qp<-quantile(ipd,probs=seq(0,1,qwidth),type=1,na.rm=TRUE)
    wAUPhyDCout[i]<-AUPhyDC(qp,qwidth) #wPD10 including self
    if(!isTRUE(self)){qp<-qp[qp!=0]; wAUPhyDCout[i]<-AUPhyDC(qp,qwidth)} #without self
    }
  wAUPhyDCout
}
```

```
#Example of weighted PD10 and AUPhyDC using abundance data from UCSC Meadow
#Read in percent cover of each species in UCSC Meadow (in order of tip labels in mtree)
#Percent Cover data from Parker et al. 2015 doi.org/10.1038/nature14372
msample<-
c(0.4293,25.6033,2.0531,13.8767,0.1612,4.0416,0.1458,16.9558,1.9873,1.5787,0.2916,0.1016,0.01,0.
1119,0.0297,1.1153,0.0149,0.8123,0.01,0.0011,5.4466,1.4483,0.151,1.384,0.001,0.5116,0.0234,0.297
3,0.001,0.07,0.1079,9.9659,0.0288,1.1782,0.018,0.1193,0.001,0.0883,0.2641,0.1015,0.5542,0.1045,2
.4275)
names(msample)<-sort(mtree$tip.label) #assign plant names to abundances in correct order taken
from mtree

wPD10out_self<-wPD10(phydist,msample,self=TRUE) #weighted PD10 for each species, including abun-
dance of focal species
wPD10out_noself<-wPD10(phydist,msample,self=FALSE) #weighted PD10 for each species, including
only heterospecific individuals
wAUPhyDCout_self<-wAUPhyDC(phydist,msample,self=TRUE,qwidth=0.02) #weighted AUPhyDC for each
species, including abundance of focal species
wAUPhyDCout_noself<-wAUPhyDC(phydist,msample,self=FALSE,qwidth=0.02) #weighted AUPhyDC for each
species, including only heterospecific individuals

#Figure 7: comparison of unweighted and weighted PD10 and AUPhyDC histograms
par(mfrow=c(3,2))
hist(PD10out,breaks=seq(0,320,10)) #Unweighted PD10 no self distances
hist(AUPhyDCout,breaks=seq(0,320,10)) #Unweighted AUPhyDC no self distances
hist(wPD10out_noself,breaks=seq(0,320,10)) #Abund-weighted PD10 no self
hist(wAUPhyDCout_noself,breaks=seq(0,320,10)) #Abund-weighted AUPhyDC no self
hist(wPD10out_self,breaks=seq(0,320,10)) #Abund-weighted PD10 with self
hist(wAUPhyDCout_self,breaks=seq(0,320,10)) #Abund-weighted AUPhyDC with self
par(mfrow=c(1,1))
```

File S2. Generic R code to create a dated phylogenetic tree and phylogenetic distance matrix from any list of plant Genus and species names, based on the supertree R2G2_20140601.new. R code used to generate the phylogenetic trees of plant communities used in Figure 2. Code allows users to create a dated phylogenetic tree from any list of plant species, based on APG3 (Angiosperm Phylogeny Group) systematics. Output tree is based on the supertree published in Parker et al. (2015) Nature doi.org/10.1038/nature14372, as a basis for study of phylogenetic signal in plant-pathogen host ranges.

```
#0_MakeTreeFromSpeciesList_R
#Version 2020.12.08 by Gregory S Gilbert
#Takes a csv file with a plant list including a minimum of
# two columns named Genus and Species
#Creates a phylogenetic tree based on R2G2_20140601 from
# Parker et al. 2015 doi.org/10.1038/nature14372
#Output written to working directory from a plant list called MyPlantList.csv includes
#MyPlantList.csv.new.txt newick tree of phylogenetic tree
#MyPlantList.csv.phydist.csv phylogenetic distance matrix as a csv file
#MyPlantList.csv.phylotree.png png of phylogenetic tree without node labels
#MyPlantList.csv.phylotree_nodelabels.png png of phylogenetic tree with node labels

#required libraries
library(taxize) #for looking up taxonomy in The Plant List
library(picante) #for most of the phylogenetic work
library(brranching) #for phylomatic and bladj

########STEP 0: PREPARE YOUR PLANT LIST##############
#Create a list of your plants and save as a csv file.
#The file must have a minimum of two columns with headers Genus and Species
# (note capitalization).
#Other columns can be included (like sample information) and
# will be retained in the output file.
#######END OF STEP 0: PREPARE YOUR PLANT LIST##############

#######STEP 1: GET CURRENT TAXONOMY FOR YOUR PLANT LIST##########
#Read in plant list csv file as data frame
#Read in name and path to your csv plant list file
plantslistfilename<-file.choose()  #point to source of your csv file
#Extract directory path and file name from plantlistfilename
#Sets working directory to location of plant list file for output files
wdpars<-unlist(strsplit(plantslistfilename,split="/")) #parses the path into bits
wdpars<-wdpars[length(wdpars)] #finds just the file name
outpath<-sub(wdpars,"",plantslistfilename) #path to output directory
setwd(outpath) #End extract names and set working directory
#read in plant list file and prepare for output files
plist<-read.csv(plantslistfilename) #reads in your plant list file
plistcolnames<-colnames(plist) #capture the order of additional columns in the original file for
later output organization
newcolnames<-c(plistcolnames,"family_TPL","genus_TPL","species_TPL","authority","TPLsta-
tus","name_TPL","oriplantname","namechanged","note")
#End Read in plant list csv file as data frame

#Call to plantminer to look up family names and synonyms from The Plant List
plist$oriplantname<-paste(plist$Genus,plist$Species) #make a Genus Species combo
ori_names<-unique(plist$oriplantname) #remove duplicate Genus_species names
ptaxon<-plantminer(ori_names) #look up plants in TPL and return taxonomy
ptaxon<-ptaxon[,c("family","genus","species","authorship","taxonomic.sta-
tus.in.tpl","name","original.search","note")]
colnames(ptaxon)<-c("family_TPL","genus_TPL","species_TPL","authority","TPLsta-
tus","name_TPL","oriplantname","note")

plistout<-merge(plist,ptaxon,by="oriplantname",all.x=TRUE,all.y=FALSE) #merge the original file
with new names
```

```
plistout$namechanged<-"nochange";plistout$namechanged[!plistout$oriplantname==plis-
tout$name_TPL]<-"changed"  #annotate which plant names were changed
#order data frame to have original columns first then the columns from plantminer
plistout<-plistout[newcolnames]
plistout$genus_species_TPL<-paste(plistout$genus_TPL,"_",plistout$species_TPL,sep="")

head(plistout)  #glance at the combined file with new plant names appended
#Write the combined file to the same directory as your original file
write.csv(plistout,file=paste(wdpars,".TPLout.csv",sep=""),row.names=F)
#End Call to plantminer to look up family names and synonyms from The Plant List
########END OF STEP 1  ################

#RECOMMENDED CLEANUP TO DO:  Inspect the output file in your favorite spreadsheet.
#The first set of columns should match those in your original file.
#To the right of those columns is the output about the updated taxonomy.
#  TPL means The Plant List, which is used as the arbiter of current Family placement
#  and currently accepted Genus and species names
#  the TPL names will be used in creating the phylogeny.
#Look specifically at those records where namechanged indicates that
# the Genus species name was changed.
#If you would like, you can update the taxonomy in your original file and
# then resubmit to STEP 1.
#This ensures that the taxonomy in your sample file will completely match
#  the taxonomy used in the phylogenetic tree.
#The next steps will use the TPL family genus species names to
# create the phylogeny even if you do not clean up the original file
#END OF RECOMMENDED CLEANUP TO DO

######## STEP 2. Use Phylomatic and BLADJ to create a phylogenetic tree #######
#The phylogenetic tree will include each of the taxa in the plistout file
# created in STEP 1.
#The tree will be based on the aged SuperTree R2G2_20140601 from
# Parker et al. 2015 doi.org/10.1038/nature14372
#The code calls out to instances of the tree as a dated Newick file
# as well as the node ages file on the Gilbert lab page at the following URLS
#Newick file of dated tree and associated ages file
R2G2_newick<-"https://greggilbertlab.sites.ucsc.edu/files/2020/11/R2G2_20140601.new_.txt"
ages_file<-"https://greggilbertlab.sites.ucsc.edu/files/2020/11/R2G2_20140601ages.txt"

#Create phylogenetic tree from species list
#Create phylomatic-formatted names to submit for the tree.
phylonames<-paste(tolower(plistout$family_TPL),"/",tolower(plistout$genus_TPL),"/",plistout$ge-
nus_TPL,"_",plistout$species_TPL,sep="")
phylonames<-unique(phylonames) #strip list to include only one instance of each taxon
#submit names to phylomatic to create a tree based on the R2G2_20140601 supertree
outtreetemp<-phylomatic(taxa=phylonames,taxnames=FALSE,get='POST',treeuri=R2G2_newick)
#adjust the branch lengths and ensure creation of an ultrametric tree
# using bladj and the ages file
ages_df<-read.table(ages_file);colnames(ages_df)<-c("node","age") #read ages file
#write temporary file of newick tree to your directory
write.tree(outtreetemp,"temptree.TPLout.new.txt")
outtree_str<-readLines("temptree.TPLout.new.txt") #read temp newick tree back in
#bladj the tree using ages to create the dated ultrametric tree
outtree<-rbladj(tree=outtree_str,ages=ages_df)
#preview newick tree
#plot(outtree);axisPhylo(); mtext("Mya", side=1, line=1, at=max(outtree$edge.length)*1.2)
#save the dated newick file to your directory
write.tree(outtree,paste(wdpars,"new.txt",sep="."))
#End Create phylogenetic tree from species list

#Calculate the phylogenetic distance matrix for species in outtree
```

```
phydist<-cophenetic(outtree)
colnames(phydist)<-gsub(" ","_",colnames(phydist))
rownames(phydist)<-gsub(" ","_",rownames(phydist))
#save phydist matrix to your working directory
write.csv(phydist,paste(wdpars,"phydist.csv",sep="."))
#End Calculate the phylogenetic distance matrix

#Handy function capwords to ensure Genus species capitalization of plant names on tree
#borrowed from dbe.med.upenn.edu/biostat-research
capwords <- function(s, strict = FALSE) {
  cap <- function(s) paste(toupper(substring(s, 1, 1)),
        {s <- substring(s, 2); if(strict) tolower(s) else s},
        sep = "", collapse = " " )
  sapply(strsplit(s, split = " "), cap, USE.NAMES = !is.null(names(s)))
}
outtree$tip.label<-capwords(outtree$tip.label)  #adjusts taxon names to Genus species

#Save a png image of tree with node labels to your directory
#Will adjust height according to number of taxa but may need additional tweaking
#You can adjust height, width, and cex values in png() to fit to your tree size better
#May want to adjust the multiplier for the mtext placement of "Mya".
# Default value is 1.1.  Larger values move Mya to right
png(paste(wdpars,"phylotree_nodelabels.png",sep="."),res=300,
    height=length(outtree$tip.label),width=20,units="cm")
par(mar=c(2.5,.75,.75,0))
plot(outtree,cex=1,label.offset=4,show.node.label=TRUE,type="phylo") #with node labels
axisPhylo(); mtext("Mya", side=1,line=1,at=max(outtree$edge.length)*1.1) #axis
dev.off()
#END Save a png image of tree with node labels to your directory

#Save a png image of tree without node labels to your directory
#Will adjust height according to number of taxa but may need additional tweaking
#You can adjust height, width, and cex values in png() to fit to your tree size better
#May want to adjust the multiplier for the mtext placement of "Mya".
# Default value is 1.1.  Larger values move Mya to right
png(paste(wdpars,"phylotree.png",sep="."),res=300,
    height=length(outtree$tip.label),width=20,units="cm")
par(mar=c(2.5,.75,.75,0))
plot(outtree,cex=1,label.offset=4,show.node.label=FALSE,type="phylo") #no node labels
axisPhylo(); mtext("Mya", side=1,line=1,at=max(outtree$edge.length)*1.1) #axis
dev.off()
#END Save a png image of tree without node labels to your directory
####### END STEP 2. Use Phylomatic and BLADJ to create a phylogenetic tree ####
```

Table S1. Species lists of angiosperm plants documented at eight University of California Natural Reserves. Table of the angiosperm plant species documented in eight plant communities and used in Figure 2. Phylogenetic trees were made of each community using the R code as given in File S2. Species lists are from plant communities at eight reserves in the University of California Natural Reserves system: Burns Piñon Ridge (https://burns.ucnrs.org/), Carpinteria Salt Marsh (https://carpinteria.ucnrs.org/), Fort Ord (https://fortordreserve.ucsc.edu/), James San Jacinto Mountains (https://james.ucnrs.org/), Motte Rimrock (https://motte.ucr.edu/), Quail Ridge (https://naturalreserves.ucdavis.edu/quail-ridge-reserve), Sagehen Creek (https://sagehen.ucnrs.org/), and Sierra Nevada Aquatic Research Lab (SNARL) (https://vesr.nrs.ucsb.edu/). Species lists were retrieved on 28 November 2020 from a 2010 compilation by B.P. Haggerty and S.J. Mazer of existing plant lists for all UC Reserves (data available at https://ucnrs.org/plant-list/). Data columns include the Reserve name, plant Genus and species, plant Family (APG3), and Common name or notes from database. .

Reserve	Genus species	Family	Common Name
Carpinteria Salt Marsh	*Abronia maritima*	Nyctaginaceae	Sand Verbena
Carpinteria Salt Marsh	*Abronia umbellata*	Nyctaginaceae	Sand Verbena
Burns Pinon Ridge	*Acacia greggii*	Fabaceae	
Carpinteria Salt Marsh	*Acacia longifolia*	Fabaceae	Golden Wattle
Fort Ord	*Acaena pinnatifida*	Rosaceae	California acaena
Quail Ridge	*Acer macrophyllum*	Aceraceae	Bigleaf maple
Fort Ord	*Achillea millefolium*	Asteraceae	Common yarrow
James San Jacinto Mountains	*Achillea millefolium*	Asteraceae	
Quail Ridge	*Achillea millefolium*	Asteraceae	Yarrow
Sagehen Creek	*Achillea millefolium*	Asteraceae	
SNARL	*Achillea millefolium*	Asteraceae	
Motte Rimrock	*Achnatherum coronatum*	Poaceae	Crested Needlegrass
Burns Pinon Ridge	*Achnatherum hymenoides*	Poaceae	
SNARL	*Achnatherum hymenoides*	Poaceae	
James San Jacinto Mountains	*Achnatherum latiglume*	Poaceae	
Sagehen Creek	*Achnatherum nelsonii*	Poaceae	
Sagehen Creek	*Achnatherum nevadense*	Poaceae	
SNARL	*Achnatherum nevadense*	Poaceae	
Sagehen Creek	*Achnatherum occidentale*	Poaceae	
Burns Pinon Ridge	*Achnatherum speciosum*	Poaceae	
Quail Ridge	*Achyrachaena mollis*	Asteraceae	Blowwives
SNARL	*Aconitum columbianum*	Ranunculaceae	
Motte Rimrock	*Acourtia microcephala*	Asteraceae	Sacapellote
Fort Ord	*Adenostoma fasciculatum*	Rosaceae	Chamise
James San Jacinto Mountains	*Adenostoma fasciculatum*	Rosaceae	
Quail Ridge	*Adenostoma fasciculatum*	Rosaceae	Chamise
Quail Ridge	*Aegilops triuncialis*	Poaceae	Barbed goatgrass
Quail Ridge	*Aesculus californica*	Hippocastanaceae	California buckeye
Sagehen Creek	*Agoseris glauca*	Asteraceae	
SNARL	*Agoseris glauca*	Asteraceae	
Fort Ord	*Agoseris grandiflora*	Asteraceae	Large-flowered agoseris
James San Jacinto Mountains	*Agoseris grandiflora*	Asteraceae	
Quail Ridge	*Agoseris grandiflora*	Asteraceae	California dandelion
Fort Ord	*Agoseris heterophylla*	Asteraceae	Annual dandelion
Sagehen Creek	*Agoseris heterophylla*	Asteraceae	
Quail Ridge	*Agrostis exarata*	Poaceae	Pacific bent grass
Sagehen Creek	*Agrostis gigantea*	Poaceae	
Sagehen Creek	*Agrostis pallens*	Poaceae	
James San Jacinto Mountains	*Agrostis scabra*	Poaceae	
Sagehen Creek	*Agrostis stolonifera*	Poaceae	
Carpinteria Salt Marsh	*Agrostis stolonifera*	Poaceae	Redtop, Creeping Bent
Sagehen Creek	*Agrostis thurberiana*	Poaceae	
Sagehen Creek	*Agrostis variabilis*	Poaceae	
Carpinteria Salt Marsh	*Agrostis viridis*	Poaceae	Water Bent
Quail Ridge	*Ailanthus altissima*	Simaroubaceae	Tree of heaven
Quail Ridge	*Aira caryophyllea*	Poaceae	Hairgrass
Burns Pinon Ridge	*Allionia incarnata*	Nyctaginaceae	
SNARL	*Allium atrorubens*	Liliaceae	
SNARL	*Allium bisceptrum*	Liliaceae	
James San Jacinto Mountains	*Allium burlewii*	Liliaceae	

Sagehen Creek	*Allium campanulatum*	Liliaceae	
Burns Pinon Ridge	*Allium fimbriatum*	Alliaceae	
Sagehen Creek	*Allium lemmonii*	Liliaceae	
Sagehen Creek	*Allium parvum*	Liliaceae	
Quail Ridge	*Allium serra*	Liliaceae	Wild onion
Fort Ord	*Allium sp.*	Liliaceae	
Sagehen Creek	*Allium validum*	Liliaceae	
Quail Ridge	*Allophyllum gilioides*	Polemoniaceae	
SNARL	*Allophyllum gilioides*	Polemoniaceae	
James San Jacinto Mountains	*Alnus rhombifolia*	Betulaceae	
James San Jacinto Mountains	*Alopecurus aequalis*	Poaceae	
Burns Pinon Ridge	*Amaranthus albus*	Amaranthaceae	
James San Jacinto Mountains	*Amaranthus albus*	Amaranthaceae	
Quail Ridge	*Amaranthus albus*	Amaranthaceae	Tumbleweed
SNARL	*Amaranthus blitoides*	Amaranthaceae	
Burns Pinon Ridge	*Amaranthus fimbriatus*	Amaranthaceae	
Carpinteria Salt Marsh	*Amaranthus hybridus*	Amaranthaceae	Spleen Amaranth
Carpinteria Salt Marsh	*Amaranthus powellii*	Amaranthaceae	Powell's Amaranth
Fort Ord	*Amaryllis belladonna*	Liliaceae	Naked lady, belladonna lily
Carpinteria Salt Marsh	*Amaryllis belladonna*	Amaryllidacea	Naked Lady
Burns Pinon Ridge	*Ambrosia acanthicarpa*	Asteraceae	
Carpinteria Salt Marsh	*Ambrosia chamissonis*	Asteraceae	Beach-Bur
Burns Pinon Ridge	*Ambrosia psilostachya*	Asteraceae	
Carpinteria Salt Marsh	*Ambrosia psilostachya*	Asteraceae	Western Ragweed
Fort Ord	*Amsinckia menziesii*	Boraginaceae	Common fiddleneck
Motte Rimrock	*Amsinckia menziesii*	Boraginaceae	Rancher'S Fireweed
Quail Ridge	*Amsinckia menziesii*	Boraginaceae	Fiddleneck
Fort Ord	*Amsinckia spectabilis*	Boraginaceae	Seaside fiddleneck
Carpinteria Salt Marsh	*Amsinckia spectabilis*	Boraginaceae	Seaside Amsinckia
Burns Pinon Ridge	*Amsinckia tessellata*	Boraginaceae	
Fort Ord	*Anagallis arvensis*	Primulaceae	Scarlet pimpernel
Quail Ridge	*Anagallis arvensis*	Primulaceae	Scarlet pimpernel
Carpinteria Salt Marsh	*Anagallis arvensis*	Primulaceae	Pimpernel
Fort Ord	*Anaphalis margaritacea*	Asteraceae	Pearly everlasting
Motte Rimrock	*Ancistrocarphus filagineus*	Asteraceae	Woolly Fishhooks
Motte Rimrock	*Anemopsis californica*	Saururaceae	Yerba Mansa
Carpinteria Salt Marsh	*Anemopsis californica*	Saururaceae	Yerba Mansa
Quail Ridge	*Angelica californica*	Apiaceae	California angelica
SNARL	*Angelica lineariloba*	Apiaceae	
James San Jacinto Mountains	*Angelica tomentosa*	Apiaceae	
Burns Pinon Ridge	*Anisocoma acaulis*	Asteraceae	
Carpinteria Salt Marsh	*Anredera cordifolia*	Basellaceae	Madeira Vine
Sagehen Creek	*Antennaria dimorpha*	Asteraceae	
Sagehen Creek	*Antennaria rosea*	Asteraceae	
SNARL	*Antennaria rosea*	Asteraceae	
Fort Ord	*Anthriscus caucalis*	Apiaceae	Bur-chervil
James San Jacinto Mountains	*Antirrhinum coulterianum*	Scrophulariaceae	
Motte Rimrock	*Antirrhinum coulterianum*	Scrophulariaceae	Coulter'S Snapdragon
Motte Rimrock	*Antirrhinum nuttallianum*	Scrophulariaceae	Nutall'S Snapdragon
Quail Ridge	*Antirrhinum vexillocalyculatum*	Scrophulariaceae	
Quail Ridge	*Aphanes occidentalis*	Rosaceae	Western lady’s mantle
Motte Rimrock	*Apiastrum angustifolium*	Apiaceae	Wild Celery
Quail Ridge	*Apiastrum angustifolium*	Apiaceae	Wild celery
Carpinteria Salt Marsh	*Apium graveolens*	Apiaceae	Celery
James San Jacinto Mountains	*Apocynum androsaemifolium*	Apocynaceae	
James San Jacinto Mountains	*Aquilegia formosa*	Ranunculaceae	
SNARL	*Aquilegia formosa*	Ranunculaceae	
Burns Pinon Ridge	*Arabis dispar*	Brassicaceae	
Fort Ord	*Arabis glabra*	Brassicaceae	Tower mustard
James San Jacinto Mountains	*Arabis glabra*	Brassicaceae	
SNARL	*Arabis hirsuta*	Brassicaceae	
James San Jacinto Mountains	*Arabis platysperma*	Brassicaceae	

SNARL	*Arabis puberula*	Brassicaceae	
Burns Pinon Ridge	*Arabis pulchra*	Brassicaceae	
James San Jacinto Mountains	*Arabis pulchra*	Brassicaceae	
SNARL	*Arabis pulchra*	Brassicaceae	
Fort Ord	*Arbutus menziesii*	Ericaceae	Madrone
James San Jacinto Mountains	*Arceuthobium campylopodum*	Viscaceae	
James San Jacinto Mountains	*Arctostaphylos glandulosa*	Ericaceae	
Burns Pinon Ridge	*Arctostaphylos glauca*	Ericaceae	
Quail Ridge	*Arctostaphylos manzanita*	Ericaceae	Parry manzanita
Fort Ord	*Arctostaphylos montereyensis*	Ericaceae	Toro manzanita, Monterey manzanita
James San Jacinto Mountains	*Arctostaphylos pringlei*	Ericaceae	
Fort Ord	*Arctostaphylos pumila*	Ericaceae	Sandmat manzanita
James San Jacinto Mountains	*Arctostaphylos pungens*	Ericaceae	
Fort Ord	*Arctostaphylos tomentosa*	Ericaceae	Shaggy-barked manzanita
Burns Pinon Ridge	*Argemone munita*	Papaveraceae	
SNARL	*Argemone munita*	Papaveraceae	
Burns Pinon Ridge	*Aristida purpurea*	Poaceae	
Quail Ridge	*Aristolochia californica*	Aristolochiaceae	California pipe vine
Fort Ord	*Armeria maritima*	Plumbaginaceae	Sea pink, California thrift
Sagehen Creek	*Arnica mollis*	Asteraceae	
SNARL	*Arnica parryi*	Asteraceae	
Carpinteria Salt Marsh	*Artemisia biennis*	Asteraceae	Biennial Sagewort
Fort Ord	*Artemisia californica*	Asteraceae	California sagebrush
Motte Rimrock	*Artemisia californica*	Asteraceae	California Sagebrush
Carpinteria Salt Marsh	*Artemisia californica*	Asteraceae	Coastal Sagebrush
Sagehen Creek	*Artemisia cana*	Asteraceae	
SNARL	*Artemisia cana*	Asteraceae	
Fort Ord	*Artemisia douglasiana*	Asteraceae	Mugwort
Carpinteria Salt Marsh	*Artemisia douglasiana*	Asteraceae	Mugwort
Burns Pinon Ridge	*Artemisia dracunculus*	Asteraceae	
James San Jacinto Mountains	*Artemisia dracunculus*	Asteraceae	
Motte Rimrock	*Artemisia dracunculus*	Asteraceae	Tarragon
James San Jacinto Mountains	*Artemisia ludoviciana*	Asteraceae	
SNARL	*Artemisia ludoviciana*	Asteraceae	
Sagehen Creek	*Artemisia tridentata*	Asteraceae	
SNARL	*Artemisia tridentata*	Asteraceae	
Carpinteria Salt Marsh	*Arthrocnemum subterminale*	Chenopodiaceae	Parish's Glasswort
Carpinteria Salt Marsh	*Arundo donax*	Poaceae	Giant Reed
Quail Ridge	*Asclepias fascicularis*	Asclepiadaceae	Narrow-leaved milkweed
SNARL	*Asclepias speciosa*	Asclepiadaceae	
Carpinteria Salt Marsh	*Asparagus officinalis*	Liliaceae	Asparagus
Sagehen Creek	*Aster alpigenus*	Asteraceae	
Sagehen Creek	*Aster campestris*	Asteraceae	
Sagehen Creek	*Aster occidentalis*	Asteraceae	
Quail Ridge	*Aster radulinus*	Asteraceae	Broad-leaved Aster
Carpinteria Salt Marsh	*Aster subulatus*	Asteraceae	Slim Aster
SNARL	*Astragalus canadensis*	Fabaceae	
Burns Pinon Ridge	*Astragalus lentiginosus*	Fabaceae	
SNARL	*Astragalus purshii*	Fabaceae	
Motte Rimrock	*Astragalus sp.*	Fabaceae	
Quail Ridge	*Athysanus pusillus*	Brassicaceae	Sandweed
Carpinteria Salt Marsh	*Atriplex californica*	Chenopodiaceae	California Saltbush
Burns Pinon Ridge	*Atriplex canescens*	Amaranthaceae	
Carpinteria Salt Marsh	*Atriplex lentiformis*	Chenopodiaceae	Brewer's Saltbush, Quailbush
Carpinteria Salt Marsh	*Atriplex leucophylla*	Chenopodiaceae	Beach Saltbush or Seascale
Carpinteria Salt Marsh	*Atriplex rosea*	Chenopodiaceae	Redscale
Carpinteria Salt Marsh	*Atriplex semibaccata*	Chenopodiaceae	Australian Saltbush
Carpinteria Salt Marsh	*Atriplex triangularis*	Chenopodiaceae	Spearscale
Carpinteria Salt Marsh	*Atriplex watsonii*	Chenopodiaceae	Matscale
Fort Ord	*Avena barbata*	Poaceae	Slender wild oat
Motte Rimrock	*Avena barbata*	Poaceae	Slender Wild Oat
Quail Ridge	*Avena barbata*	Poaceae	Slender wild oats

Fort Ord	*Avena fatua*	Poaceae	Wild oat
Quail Ridge	*Avena fatua*	Poaceae	Broad-leaved wild oat
Carpinteria Salt Marsh	*Avena fatua*	Poaceae	Wild Oat
Carpinteria Salt Marsh	*Baccharis douglasii*	Asteraceae	Salt Marsh Baccharis
Fort Ord	*Baccharis pilularis*	Asteraceae	Coyote brush
Quail Ridge	*Baccharis pilularis*	Asteraceae	Coyote bush
Carpinteria Salt Marsh	*Baccharis pilularis*	Asteraceae	Coyote Brush
Motte Rimrock	*Baccharis salicifolia*	Asteraceae	Mule Fat
Carpinteria Salt Marsh	*Baccharis salicifolia*	Asteraceae	Mule Fat
Burns Pinon Ridge	*Baccharis sergiloides*	Asteraceae	
Burns Pinon Ridge	*Baileya pleniradiata*	Asteraceae	
Quail Ridge	*Barbarea orthoceras*	Brassicaceae	American yellowrocket
Sagehen Creek	*Barbarea orthoceras*	Brassicaceae	
Carpinteria Salt Marsh	*Bassia hyssopifolia*	Chenopodiaceae	Hyssop-Leaved Bassia
Burns Pinon Ridge	*Bebbia juncea*	Asteraceae	
Motte Rimrock	*Bebbia juncea*	Asteraceae	Sweet Bush
Carpinteria Salt Marsh	*Berula erecta*	Apiaceae	Cut-leaved Water Parsnip
Carpinteria Salt Marsh	*Beta vulgaris*	Chenopodiaceae	Common Beet
SNARL	*Betula occidentalis*	Betulaceae	
Sagehen Creek	*Bistorta bistortoides*	Polygonaceae	Listed as Polygonum - unresolved taxon.
James San Jacinto Mountains	*Bloomeria crocea*	Liliaceae	
Burns Pinon Ridge	*Bouteloua aristidoides*	Poaceae	
Burns Pinon Ridge	*Bouteloua barbata*	Poaceae	
Quail Ridge	*Brachypodium distachyon*	Poaceae	Purple false brome
Burns Pinon Ridge	*Brassica geniculata*	Brassicaceae	
Fort Ord	*Brassica nigra*	Brassicaceae	Black mustard
Carpinteria Salt Marsh	*Brassica nigra*	Brassicaceae	Black Mustard
Carpinteria Salt Marsh	*Brassica rapa*	Brassicaceae	Field Mustard
Burns Pinon Ridge	*Brickellia arguta*	Asteraceae	
Motte Rimrock	*Brickellia californica*	Asteraceae	California Bricklebush
Burns Pinon Ridge	*Brickellia desertorum*	Asteraceae	
Fort Ord	*Briza maxima*	Poaceae	Rattlesnake grass
Quail Ridge	*Briza minor*	Poaceae	Little quaking grass
Quail Ridge	*Brodiaea elegans*	Liliaceae	Harvest Brodiaea
Motte Rimrock	*Brodiaea jolonensis*	Alliaceae	
Fort Ord	*Bromus carinatus*	Poaceae	California brome
James San Jacinto Mountains	*Bromus carinatus*	Poaceae	
Quail Ridge	*Bromus carinatus*	Poaceae	California brome
Sagehen Creek	*Bromus carinatus*	Poaceae	
Carpinteria Salt Marsh	*Bromus carinatus*	Poaceae	California Brome
Carpinteria Salt Marsh	*Bromus catharticus*	Poaceae	Rescue Grass
Burns Pinon Ridge	*Bromus diandrus*	Poaceae	
Fort Ord	*Bromus diandrus*	Poaceae	Ripgut grass
Motte Rimrock	*Bromus diandrus*	Poaceae	Ripgut Grass
Quail Ridge	*Bromus diandrus*	Poaceae	Ripgut grass
Carpinteria Salt Marsh	*Bromus diandrus*	Poaceae	Ripgut Grass
Fort Ord	*Bromus hordeaceus*	Poaceae	Soft chess
Motte Rimrock	*Bromus hordeaceus*	Poaceae	Soft Chess
Quail Ridge	*Bromus hordeaceus*	Poaceae	Soft chess
Carpinteria Salt Marsh	*Bromus hordeaceus*	Poaceae	Soft Chess
Sagehen Creek	*Bromus inermis*	Poaceae	
Quail Ridge	*Bromus laevipes*	Poaceae	Chinook brome
Burns Pinon Ridge	*Bromus madritensis*	Poaceae	
Fort Ord	*Bromus madritensis*	Poaceae	Red brome
Motte Rimrock	*Bromus madritensis*	Poaceae	Foxtail Chess
Quail Ridge	*Bromus madritensis*	Poaceae	Foxtail brome
Carpinteria Salt Marsh	*Bromus madritensis*	Poaceae	Foxtail Chess
James San Jacinto Mountains	*Bromus orcuttianus*	Poaceae	
Sagehen Creek	*Bromus orcuttianus*	Poaceae	
Quail Ridge	*Bromus stamineus*	Poaceae	Roadside brome
Burns Pinon Ridge	*Bromus sterilis*	Poaceae	

Quail Ridge	*Bromus sterilis*	Poaceae	Poverty brome
Burns Pinon Ridge	*Bromus tectorum*	Poaceae	
James San Jacinto Mountains	*Bromus tectorum*	Poaceae	
Sagehen Creek	*Bromus tectorum*	Poaceae	
SNARL	*Bromus tectorum*	Poaceae	
Burns Pinon Ridge	*Bromus trinii*	Poaceae	
Carpinteria Salt Marsh	*Cakile maritima*	Brassicaceae	Sea Rocket
Sagehen Creek	*Calamagrostis canadensis*	Poaceae	
Motte Rimrock	*Calandrinia ciliata*	Portulacaceae	Red Maids
Quail Ridge	*Calandrinia ciliata*	Portulacaceae	Red maids
Quail Ridge	*Calochortus amabilis*	Liliaceae	Golden fairy lantern
SNARL	*Calochortus bruneaunis*	Liliaceae	
Burns Pinon Ridge	*Calochortus kennedyi*	Liliaceae	
Quail Ridge	*Calochortus luteus*	Liliaceae	Gold nuggets
Fort Ord	*Calochortus sp.*	Liliaceae	
James San Jacinto Mountains	*Calochortus splendens*	Liliaceae	
Motte Rimrock	*Calochortus splendens*	Liliaceae	Lilac Mariposa
Sagehen Creek	*Caltha leptosepala*	Ranunculaceae	
Burns Pinon Ridge	*Calycoseris parryi*	Asteraceae	
Burns Pinon Ridge	*Calyptridium monandrum*	Portulacaceae	
James San Jacinto Mountains	*Calyptridium monandrum*	Portulacaceae	
Motte Rimrock	*Calyptridium monandrum*	Portulacaceae	
James San Jacinto Mountains	*Calyptridium parryi*	Portulacaceae	
Sagehen Creek	*Calyptridium umbellatum*	Portulacaceae	
Motte Rimrock	*Calystegia macrostegia*	Convolvulaceae	Western Bindweed
Carpinteria Salt Marsh	*Calystegia macrostegia*	Convolvulaceae	Coast Morning-glory
James San Jacinto Mountains	*Calystegia occidentalis*	Convolvulaceae	
Quail Ridge	*Calystegia purpurata*	Convolvulaceae	Solano morning-glory,
Sagehen Creek	*Camassia quamash*	Liliaceae	
Motte Rimrock	*Camissonia bistorta*	Onagraceae	Southern Sun Cup
Burns Pinon Ridge	*Camissonia californica*	Onagraceae	
Burns Pinon Ridge	*Camissonia campestris*	Onagraceae	
Fort Ord	*Camissonia cheiranthifolia*	Onagraceae	Beach primrose
Carpinteria Salt Marsh	*Camissonia cheiranthifolia*	Onagraceae	Beach Evening Primrose
Burns Pinon Ridge	*Camissonia claviformis*	Onagraceae	
James San Jacinto Mountains	*Camissonia hirtella*	Onagraceae	
Quail Ridge	*Camissonia hirtella*	Onagraceae	
James San Jacinto Mountains	*Camissonia intermedia*	Onagraceae	
Motte Rimrock	*Camissonia intermedia*	Onagraceae	Sun Cup
Burns Pinon Ridge	*Camissonia kernensis*	Onagraceae	
Fort Ord	*Camissonia ovata*	Onagraceae	Sun cups
Burns Pinon Ridge	*Camissonia pallida*	Onagraceae	
Burns Pinon Ridge	*Camissonia palmeri*	Onagraceae	
Fort Ord	*Camissonia strigulosa*	Onagraceae	
Sagehen Creek	*Camissonia subacaulis*	Onagraceae	
Quail Ridge	*Capsella bursa-pastoris*	Brassicaceae	Shepherd's-purse
Quail Ridge	*Cardamine californica*	Brassicaceae	Milkmaids
Quail Ridge	*Cardamine oligosperma*	Brassicaceae	Annual bittercress
Carpinteria Salt Marsh	*Cardamine oligosperma*	Brassicaceae	Few-seeded Bitter-Cress
Fort Ord	*Cardionema ramosissimum*	Caryophyllaceae	Sand mat
Fort Ord	*Carduus pycnocephalus*	Asteraceae	Italian thistle
Quail Ridge	*Carduus pycnocephalus*	Asteraceae	Italian thistle
Carpinteria Salt Marsh	*Carduus pycnocephalus*	Asteraceae	Italian Thistle
Sagehen Creek	*Carex abrupta*	Cyperaceae	
Sagehen Creek	*Carex angustata*	Cyperaceae	
Sagehen Creek	*Carex aquatilis*	Cyperaceae	
Sagehen Creek	*Carex athrostachya*	Cyperaceae	
Sagehen Creek	*Carex aurea*	Cyperaceae	
Quail Ridge	*Carex barbarae*	Cyperaceae	Santa Barbara Sedge
Fort Ord	*Carex brevicaulis*	Cyperaceae	Short-stemmed sedge
Sagehen Creek	*Carex capitata*	Cyperaceae	
Sagehen Creek	*Carex douglasii*	Cyperaceae	

SNARL	*Carex douglasii*	Cyperaceae	
Sagehen Creek	*Carex filifolia*	Cyperaceae	
James San Jacinto Mountains	*Carex fracta*	Cyperaceae	
Sagehen Creek	*Carex integra*	Cyperaceae	
Sagehen Creek	*Carex jonesii*	Cyperaceae	
James San Jacinto Mountains	*Carex lanuginosa*	Cyperaceae	
Sagehen Creek	*Carex lanuginosa*	Cyperaceae	
SNARL	*Carex lanuginosa*	Cyperaceae	
Sagehen Creek	*Carex leporinella*	Cyperaceae	
Sagehen Creek	*Carex mariposana*	Cyperaceae	
James San Jacinto Mountains	*Carex microptera*	Cyperaceae	
Sagehen Creek	*Carex microptera*	Cyperaceae	
James San Jacinto Mountains	*Carex multicaulis*	Cyperaceae	
Sagehen Creek	*Carex multicostata*	Cyperaceae	
James San Jacinto Mountains	*Carex nebraskensis*	Cyperaceae	
Sagehen Creek	*Carex nebraskensis*	Cyperaceae	
SNARL	*Carex nebraskensis*	Cyperaceae	
Sagehen Creek	*Carex pachystachya*	Cyperaceae	
Carpinteria Salt Marsh	*Carex praegracilis*	Cyperaceae	Common Sedge
Sagehen Creek	*Carex scopulorum*	Cyperaceae	
Sagehen Creek	*Carex simulata*	Cyperaceae	
Sagehen Creek	*Carex subfusca*	Cyperaceae	
Sagehen Creek	*Carex utriculata*	Cyperaceae	
SNARL	*Carex utriculata*	Cyperaceae	
Sagehen Creek	*Carex vesicaria*	Cyperaceae	
Fort Ord	*Carpobrotus chilensis*	Aceraceae	Sea fig
Carpinteria Salt Marsh	*Carpobrotus chilensis*	Aizoaceae	Sea Fig
Fort Ord	*Carpobrotus edulis*	Aceraceae	Hottentot fig
Carpinteria Salt Marsh	*Carpobrotus edulis*	Aizoaceae	Hottentot Fig
Fort Ord	*Castilleja affinis*	Scrophulariaceae	Coast paint-brush
Quail Ridge	*Castilleja affinis*	Scrophulariaceae	Coast paintbrush
SNARL	*Castilleja angustifolia*	Scrophulariaceae	
James San Jacinto Mountains	*Castilleja applegatei*	Scrophulariaceae	
Quail Ridge	*Castilleja attenuata*	Scrophulariaceae	Valley tassels
Fort Ord	*Castilleja densiflora*	Scrophulariaceae	Owl's clover
Motte Rimrock	*Castilleja exserta*	Scrophulariaceae	Purple Owl'S Clover
Burns Pinon Ridge	*Castilleja foliolosa*	Scrophulariaceae	
Fort Ord	*Castilleja foliolosa*	Scrophulariaceae	Woolly Indian paint-brush
SNARL	*Castilleja miniata*	Scrophulariaceae	
James San Jacinto Mountains	*Castilleja minor*	Scrophulariaceae	
Sagehen Creek	*Castilleja tenuis*	Scrophulariaceae	
Burns Pinon Ridge	*Caulanthus cooperi*	Brassicaceae	
SNARL	*Caulanthus pilosus*	Brassicaceae	
Motte Rimrock	*Caulanthus simulans*	Brassicaceae	Payson'S Jewelflower
James San Jacinto Mountains	*Ceanothus cordulatus*	Rhamnaceae	
Fort Ord	*Ceanothus cuneatus*	Rhamnaceae	Monterey ceanothus
Quail Ridge	*Ceanothus cuneatus*	Rhamnaceae	Buck brush
Fort Ord	*Ceanothus dentatus*	Rhamnaceae	Dwarf ceanothus, cutleaf ceanothus
James San Jacinto Mountains	*Ceanothus integerrimus*	Rhamnaceae	
James San Jacinto Mountains	*Ceanothus leucodermis*	Rhamnaceae	
Carpinteria Salt Marsh	*Ceanothus megacarpus*	Rhamnaceae	Bigpod Ceanothus
Quail Ridge	*Ceanothus oliganthus*	Rhamnaceae	Jim brush
James San Jacinto Mountains	*Ceanothus palmeri*	Rhamnaceae	
Carpinteria Salt Marsh	*Ceanothus spinosus*	Rhamnaceae	Greenbark
Sagehen Creek	*Ceanothus velutinus*	Rhamnaceae	
Fort Ord	*Centaurea melitensis*	Asteraceae	Tocalote
Motte Rimrock	*Centaurea melitensis*	Asteraceae	Star Thistle
Quail Ridge	*Centaurea melitensis*	Asteraceae	Tocalote
Carpinteria Salt Marsh	*Centaurea melitensis*	Asteraceae	Tecolote
Quail Ridge	*Centaurea solstitialis*	Asteraceae	Yellow star thistle
Burns Pinon Ridge	*Centaurium exaltatum*	Gentianaceae	
Quail Ridge	*Centaurium muehlenbergii*	Gentianaceae	Monterey centaury

Motte Rimrock	*Centaurium venustum*	Gentianaceae	Canchalagua
Burns Pinon Ridge	*Centrostegia thurberi*	Polygonaceae	
Fort Ord	*Cerastium arvense*	Caryophyllaceae	Field chickweed
Sagehen Creek	*Cerastium fontanum*	Caryophyllaceae	
Fort Ord	*Cerastium glomeratum*	Caryophyllaceae	Mouse-ear chuckweed
Quail Ridge	*Cerastium glomeratum*	Caryophyllaceae	Mouse-ear chickweed
James San Jacinto Mountains	*Ceratophyllum demersum*	Ceratophyllaceae	
Quail Ridge	*Cercis occidentalis*	Fabaceae	Western redbud
Burns Pinon Ridge	*Cercocarpus betuloides*	Rosaceae	
Quail Ridge	*Cercocarpus betuloides*	Rosaceae	Mountain mahogony
SNARL	*Cercocarpus ledifolius*	Rosaceae	
SNARL	*Chaenactis douglasii*	Asteraceae	
Burns Pinon Ridge	*Chaenactis fremontii*	Asteraceae	
Burns Pinon Ridge	*Chaenactis stevioides*	Asteraceae	
Burns Pinon Ridge	*Chaetopappa ericoides*	Asteraceae	
Burns Pinon Ridge	*Chamaesyce albomarginata*	Euphorbiaceae	
Motte Rimrock	*Chamaesyce albomarginata*	Euphorbiaceae	Rattlesnake Weed
Burns Pinon Ridge	*Chamaesyce micromera*	Euphorbiaceae	
Burns Pinon Ridge	*Chamaesyce polycarpa*	Euphorbiaceae	
Motte Rimrock	*Chamaesyce polycarpa*	Euphorbiaceae	Spurge
James San Jacinto Mountains	*Chamaesyce serpyllifolia*	Euphorbiaceae	
Quail Ridge	*Chamaesyce serpyllifolia*	Euphorbiaceae	Thyme-leaved spurge
Sagehen Creek	*Chamaesyce serpyllifolia*	Euphorbiaceae	
SNARL	*Chamaesyce serpyllifolia*	Euphorbiaceae	
Motte Rimrock	*Chenopodium album*	Chenopodiaceae	Lamb'S Quarters
Carpinteria Salt Marsh	*Chenopodium ambrosioides*	Chenopodiaceae	Mexican Tea
Burns Pinon Ridge	*Chenopodium berlandieri*	Amaranthaceae	
James San Jacinto Mountains	*Chenopodium berlandieri*	Chenopodiaceae	
Carpinteria Salt Marsh	*Chenopodium berlandieri*	Chenopodiaceae	Pitseed Goosefoot
SNARL	*Chenopodium botrys*	Chenopodiaceae	
Burns Pinon Ridge	*Chenopodium californicum*	Amaranthaceae	
Motte Rimrock	*Chenopodium californicum*	Chenopodiaceae	Pigweed
James San Jacinto Mountains	*Chenopodium incognitum*	Chenopodiaceae	
SNARL	*Chenopodium incognitum*	Chenopodiaceae	
Carpinteria Salt Marsh	*Chenopodium macrospermum*	Chenopodiaceae	Coast Goosefoot
Carpinteria Salt Marsh	*Chenopodium murale*	Chenopodiaceae	Nettle-leaved Goosefoot
James San Jacinto Mountains	*Chenopodium pratericola*	Chenopodiaceae	
Sagehen Creek	*Chenopodium sp.*	Chenopodiaceae	
Carpinteria Salt Marsh	*Chenopodium strictum*	Chenopodiaceae	Goosefoot
Burns Pinon Ridge	*Chilopsis linearis*	Bigoniaceae	
James San Jacinto Mountains	*Chimaphila menziesii*	Pyrolaceae	
Carpinteria Salt Marsh	*Chloris gayana*	Poaceae	Rhodes Grass
Quail Ridge	*Chlorogalum pomeridianum*	Liliaceae	Soap plant
Burns Pinon Ridge	*Chorizanthe brevicornu*	Polygonaceae	
SNARL	*Chorizanthe brevicornu*	Polygonaceae	
Motte Rimrock	*Chorizanthe polygonoides*	Polygonaceae	Knotweed Spineflower
Fort Ord	*Chorizanthe pungens*	Polygonaceae	Monterey spine-flower
Burns Pinon Ridge	*Chorizanthe watsonii*	Polygonaceae	
James San Jacinto Mountains	*Chrysolepis sempervirens*	Fagaceae	
James San Jacinto Mountains	*Chrysothamnus nauseosus*	Asteraceae	
SNARL	*Chrysothamnus nauseosus*	Asteraceae	
Sagehen Creek	*Chrysothamnus nauseosus*	Asteraceae	
SNARL	*Chrysothamnus viscidiflorus*	Asteraceae	
SNARL	*Cirsium congdonii*	Asteraceae	
Fort Ord	*Cirsium occidentale*	Asteraceae	Cobweb thistle
Sagehen Creek	*Cirsium scariosum*	Asteraceae	
Fort Ord	*Cirsium vulgare*	Asteraceae	Bull thistle
James San Jacinto Mountains	*Cirsium vulgare*	Asteraceae	
Motte Rimrock	*Cirsium vulgare*	Asteraceae	Bull Thistle
Quail Ridge	*Cirsium vulgare*	Asteraceae	Bull thistle
SNARL	*Cirsium vulgare*	Asteraceae	
Quail Ridge	*Clarkia affinis*	Onagraceae	small clarkia, allied clarkia

Quail Ridge	*Clarkia purpurea*	Onagraceae	Four-spot
James San Jacinto Mountains	*Clarkia rhomboidea*	Onagraceae	
Fort Ord	*Clarkia sp.*	Onagraceae	
Motte Rimrock	*Clarkia unguiculata*	Onagraceae	Elegant Clarkia
James San Jacinto Mountains	*Claytonia parviflora*	Portulacaceae	
Quail Ridge	*Claytonia parviflora*	Portulacaceae	Narrow-leaved miner’s lettuce
Burns Pinon Ridge	*Claytonia parvifolia*	Portulacaceae	
Fort Ord	*Claytonia perfoliata*	Portulacaceae	Miner's lettuce
James San Jacinto Mountains	*Claytonia perfoliata*	Portulacaceae	
Motte Rimrock	*Claytonia perfoliata*	Portulacaceae	Miner'S Lettuce
Quail Ridge	*Claytonia perfoliata*	Portulacaceae	Miner’s lettuce
Sagehen Creek	*Claytonia rubra*	Portulacaceae	
Quail Ridge	*Clematis lasiantha*	Ranunculaceae	Virgin’s bower
James San Jacinto Mountains	*Clematis ligusticifolia*	Ranunculaceae	
Carpinteria Salt Marsh	*Clematis ligusticifolia*	Ranunculaceae	Virgin’s Bower
Motte Rimrock	*Clematis pauciflora*	Ranunculaceae	Ropevine
Burns Pinon Ridge	*Coleogyne ramosissima*	Rosaceae	
James San Jacinto Mountains	*Collinsia concolor*	Scrophulariaceae	
Quail Ridge	*Collinsia heterophylla*	Scrophulariaceae	Chinese houses
Sagehen Creek	*Collinsia parviflora*	Scrophulariaceae	
Quail Ridge	*Collinsia sparsiflora*	Scrophulariaceae	Spinster’s blue-eyed Mary
James San Jacinto Mountains	*Collomia grandiflora*	Polemoniaceae	
Sagehen Creek	*Collomia grandiflora*	Polemoniaceae	
Sagehen Creek	*Collomia linearis*	Polemoniaceae	
Fort Ord	*Conicosia pugioniformis*	Aceraceae	Conicosia
Fort Ord	*Conium maculatum*	Apiaceae	Poison hemlock
Carpinteria Salt Marsh	*Conium maculatum*	Apiaceae	Poison Hemlock
Carpinteria Salt Marsh	*Convolvulus arvensis*	Convolvulaceae	Bindweed
Carpinteria Salt Marsh	*Conyza bonariensis*	Asteraceae	South American Conyza
Burns Pinon Ridge	*Conyza canadensis*	Asteraceae	
Fort Ord	*Conyza canadensis*	Asteraceae	Horseweed
Motte Rimrock	*Conyza canadensis*	Asteraceae	Horseweed
SNARL	*Conyza canadensis*	Asteraceae	
Carpinteria Salt Marsh	*Conyza canadensis*	Asteraceae	Horseweed
Carpinteria Salt Marsh	*Conyza coulteri*	Asteraceae	Coulter’s Horseweed
James San Jacinto Mountains	*Corallorhiza maculata*	Orchidaceae	
Carpinteria Salt Marsh	*Cordylanthus maritimus*	Scrophulariaceae	Salt Marsh Bird’s-beak
Burns Pinon Ridge	*Cordylanthus rigidus*	Orobanchaceae	
Fort Ord	*Cordylanthus rigidus*	Scrophulariaceae	Seaside bird's-beak
James San Jacinto Mountains	*Cordylanthus rigidus*	Scrophulariaceae	
Burns Pinon Ridge	*Coreopsis bigelovii*	Asteraceae	
Carpinteria Salt Marsh	*Coronopus didymus*	Brassicaceae	Wart-Cress
Fort Ord	*Cortaderia jubata*	Poaceae	Pampas grass, jubata grass
Carpinteria Salt Marsh	*Cotula australis*	Asteraceae	Australian Cotula
Carpinteria Salt Marsh	*Cotula coronopifolia*	Asteraceae	Brass-Buttons
Burns Pinon Ridge	*Crassula connata*	Crassulaceae	
Fort Ord	*Crassula connata*	Crassulaceae	Sand pigmyweed
Motte Rimrock	*Crassula connata*	Crassulaceae	Pygmy-Weed
Quail Ridge	*Crassula connata*	Crassulaceae	Sand pygmy
SNARL	*Crepis intermedia*	Asteraceae	
Carpinteria Salt Marsh	*Cressa truxillensis*	Convolvulaceae	Alkali Weed
Burns Pinon Ridge	*Crossosoma bigelovii*	Crossosomataceae	
Burns Pinon Ridge	*Croton californicus*	Euphorbiaceae	
Fort Ord	*Croton californicus*	Euphorbiaceae	Croton
Motte Rimrock	*Croton californicus*	Euphorbiaceae	
Motte Rimrock	*Croton setiger*	Euphorbiaceae	Dove Weed
Quail Ridge	*Croton setiger*	Euphorbiaceae	Doveweed, turkey mullein
Sagehen Creek	*Croton setiger*	Euphorbiaceae	
Burns Pinon Ridge	*Cryptantha barbigera*	Boraginaceae	
Burns Pinon Ridge	*Cryptantha circumscissa*	Boraginaceae	
SNARL	*Cryptantha circumscissa*	Boraginaceae	
Fort Ord	*Cryptantha clevelandii*	Boraginaceae	Cleveland's cryptantha

Burns Pinon Ridge	*Cryptantha decipiens*	Boraginaceae	
Burns Pinon Ridge	*Cryptantha intermedia*	Boraginaceae	
James San Jacinto Mountains	*Cryptantha intermedia*	Boraginaceae	
Motte Rimrock	*Cryptantha intermedia*	Boraginaceae	White Forget-Me-Not
Burns Pinon Ridge	*Cryptantha micrantha*	Boraginaceae	
James San Jacinto Mountains	*Cryptantha micrantha*	Boraginaceae	
Fort Ord	*Cryptantha micromeres*	Boraginaceae	Minute-flowered cryptantha
Motte Rimrock	*Cryptantha microstachys*	Boraginaceae	Tejon Cryptantha
James San Jacinto Mountains	*Cryptantha muricata*	Boraginaceae	
Burns Pinon Ridge	*Cryptantha pterocarya*	Boraginaceae	
James San Jacinto Mountains	*Cryptantha simulans*	Boraginaceae	
SNARL	*Cryptantha simulans*	Boraginaceae	
Sagehen Creek	*Cryptantha torreyana*	Boraginaceae	
Burns Pinon Ridge	*Cryptantha utahensis*	Boraginaceae	
Motte Rimrock	*Cucurbita foetidissima*	Cucurbitaceae	Calabazilla
Burns Pinon Ridge	*Cucurbita palmata*	Cucurbitaceae	
Motte Rimrock	*Cucurbita palmata*	Cucurbitaceae	Coyote Melon
Burns Pinon Ridge	*Cuscuta californica*	Convolvulaceae	
Motte Rimrock	*Cuscuta californica*	Convolvulaceae	Dodder
Fort Ord	*Cuscuta californica*	Cuscutaceae	California Dodder
Carpinteria Salt Marsh	*Cuscuta salina*	Cuscutaceae	Salt Marsh Dodder
Burns Pinon Ridge	*Cylindropuntia echinocarpa*	Cactaceae	
Carpinteria Salt Marsh	*Cynodon dactylon*	Poaceae	Bermudagrass
Quail Ridge	*Cynoglossum grande*	Boraginaceae	Large-leaved hound’s tongue
Quail Ridge	*Cynosurus echinatus*	Poaceae	Hedgehog dogtail
Carpinteria Salt Marsh	*Cyperus alternifolius*	Cyperaceae	Umbrella Plant
Quail Ridge	*Cyperus eragrostis*	Cyperaceae	Umbrella sedge
Carpinteria Salt Marsh	*Cyperus eragrostis*	Cyperaceae	Umbrella Sedge
Quail Ridge	*Cyperus erythrorrhizos*	Cyperaceae	Redroot flatsedge
Carpinteria Salt Marsh	*Cyperus esculentus*	Cyperaceae	Yellow Nut Grass
James San Jacinto Mountains	*Cyperus squarrosus*	Cyperaceae	
SNARL	*Cyperus squarrosus*	Cyperaceae	
James San Jacinto Mountains	*Dactylis glomerata*	Poaceae	
Sagehen Creek	*Danthonia californica*	Poaceae	
James San Jacinto Mountains	*Datisca glomerata*	Datiscaceae	
Carpinteria Salt Marsh	*Datura meteloides*	Solanaceae	Toloache, Jimsonweed
Burns Pinon Ridge	*Datura wrightii*	Solanaceae	
Motte Rimrock	*Datura wrightii*	Solanaceae	Jimson Weed
Quail Ridge	*Datura wrightii*	Solanaceae	Sacred datura
Quail Ridge	*Daucus pusillus*	Apiaceae	Rattlesnake weed
Fort Ord	*Deinandra increscens*	Asteraceae	Grassland tarweed
Fort Ord	*Delaria odorata*	Asteraceae	Cape ivy, German ivy
Quail Ridge	*Delphinium hesperium*	Ranunculaceae	Pale western larkspur
Quail Ridge	*Delphinium nudicaule*	Ranunculaceae	Red larkspur
Sagehen Creek	*Delphinium nuttallianum*	Ranunculaceae	
Burns Pinon Ridge	*Delphinium parishii*	Ranunculaceae	
Motte Rimrock	*Delphinium parryi*	Ranunculaceae	Parry'S Larkspur
Quail Ridge	*Delphinium patens*	Ranunculaceae	Zigzag delphinium
Sagehen Creek	*Deschampsia cespitosa*	Poaceae	
SNARL	*Deschampsia cespitosa*	Poaceae	
Sagehen Creek	*Deschampsia danthonioides*	Poaceae	
SNARL	*Descurainia incisa*	Brassicaceae	
Burns Pinon Ridge	*Descurainia pinnata*	Brassicaceae	
Carpinteria Salt Marsh	*Descurainia pinnata*	Brassicaceae	Tanzy Mustard
Burns Pinon Ridge	*Descurainia sophia*	Brassicaceae	
Burns Pinon Ridge	*Dichelostemma capitatum*	Liliaceae	
Fort Ord	*Dichelostemma capitatum*	Liliaceae	Blue dicks
James San Jacinto Mountains	*Dichelostemma capitatum*	Liliaceae	
Motte Rimrock	*Dichelostemma capitatum*	Amaryllidaecea	Blue Dicks
Quail Ridge	*Dichelostemma capitatum*	Liliaceae	Wild hyacinth
Quail Ridge	*Dichelostemma volubile*	Liliaceae	Twining lily

Carpinteria Salt Marsh	*Diplachne fascicularis*	Poaceae	Bearded Spangletop or Clustered Salt-Grass
Carpinteria Salt Marsh	*Distichlis spicata*	Poaceae	Saltgrass
Sagehen Creek	*Dodecatheon alpinum*	Primulaceae	
Quail Ridge	*Dodecatheon hendersonii*	Primulaceae	Henderson's shooting star,
Sagehen Creek	*Downingia bacigalupii*	Campanulaceae	
Quail Ridge	*Draba verna*	Brassicaceae	Whitlow-grass
Sagehen Creek	*Draba verna*	Brassicaceae	
Carpinteria Salt Marsh	*Drosanthemum floribundum*	Aizoaceae	Rosea Ice Plant
James San Jacinto Mountains	*Dudleya abramsii*	Crassulaceae	
Quail Ridge	*Dudleya cymosa*	Crassulaceae	Canyon live-forever
Motte Rimrock	*Dudleya lanceolata*	Crassulaceae	Live-Forever
Burns Pinon Ridge	*Dudleya saxosa*	Crassulaceae	
Burns Pinon Ridge	*Echinocereus engelmannii*	Cactaceae	
Carpinteria Salt Marsh	*Echinochloa crus-galli*	Poaceae	Barnyard Grass
Fort Ord	*Ehrharta calycina*	Poaceae	Veldt grass
Fort Ord	*Ehrharta erecta*	Poaceae	
Sagehen Creek	*Eleocharis acicularis*	Cyperaceae	
SNARL	*Eleocharis acicularis*	Cyperaceae	
Quail Ridge	*Eleocharis macrostachya*	Cyperaceae	Pale Spikerush
Sagehen Creek	*Eleocharis macrostachya*	Cyperaceae	
James San Jacinto Mountains	*Eleocharis montevidensis*	Cyperaceae	
Carpinteria Salt Marsh	*Eleocharis montevidensis*	Cyperaceae	Spike-rush
Sagehen Creek	*Eleocharis parishii*	Cyperaceae	
Sagehen Creek	*Eleocharis pauciflora*	Cyperaceae	
Sagehen Creek	*Eleocharis sp.*	Cyperaceae	
SNARL	*Elodea nuttallii*	Hydrocharitaceae	
Quail Ridge	*Elymus elymoides*	Poaceae	Squirreltail
Sagehen Creek	*Elymus elymoides*	Poaceae	
SNARL	*Elymus elymoides*	Poaceae	
Fort Ord	*Elymus glaucus*	Poaceae	Blue wildrye, western ryegrass
James San Jacinto Mountains	*Elymus glaucus*	Poaceae	
Quail Ridge	*Elymus glaucus*	Poaceae	Jepson Prairie's blue wild rye
James San Jacinto Mountains	*Elymus sp.*	Poaceae	"Stebbins Cold Canyonii"
Sagehen Creek	*Elymus trachycaulus*	Poaceae	
James San Jacinto Mountains	*Elymus trachycaulus*	Poaceae	
Burns Pinon Ridge	*Emmenanthe penduliflora*	Boraginaceae	
Motte Rimrock	*Emmenanthe penduliflora*	Hydrophyllaceae	Whispering Bells
Quail Ridge	*Emmenanthe penduliflora*	Hydrophyllaceae	Whispering bells
Burns Pinon Ridge	*Encelia actoni*	Asteraceae	
Motte Rimrock	*Encelia californica*	Asteraceae	Bush-Sunflower
Burns Pinon Ridge	*Encelia farinosa*	Asteraceae	
Motte Rimrock	*Encelia farinosa*	Asteraceae	Brittlebush
Burns Pinon Ridge	*Encelia frutescens*	Asteraceae	
Motte Rimrock	*Epilobium brachycarpum*	Onagraceae	Willow Herb
Quail Ridge	*Epilobium brachycarpum*	Onagraceae	Annual willow-herb
Sagehen Creek	*Epilobium brachycarpum*	Onagraceae	
James San Jacinto Mountains	*Epilobium canum*	Onagraceae	
Motte Rimrock	*Epilobium canum*	Onagraceae	California Fuchsia
Quail Ridge	*Epilobium canum*	Onagraceae	California fuchsia
Sagehen Creek	*Epilobium ciliatum*	Onagraceae	
SNARL	*Epilobium ciliatum*	Onagraceae	
Carpinteria Salt Marsh	*Epilobium ciliatum*	Onagraceae	Northern Willow-herb
Sagehen Creek	*Epilobium densiflorum*	Onagraceae	
James San Jacinto Mountains	*Epilobium glaberrimum*	Onagraceae	
James San Jacinto Mountains	*Epilobium halleanum*	Onagraceae	
James San Jacinto Mountains	*Epilobium lactiflorum*	Onagraceae	
Quail Ridge	*Epilobium minutum*	Onagraceae	Chaparral willow-herb
SNARL	*Epilobium oregonense*	Onagraceae	
Sagehen Creek	*Epilobium pygmaeum*	Onagraceae	
James San Jacinto Mountains	*Epipactis gigantea*	Orchidaceae	
Carpinteria Salt Marsh	*Eragrostis barrelieri*	Poaceae	

Quail Ridge	*Eragrostis hypnoides*	Poaceae	Creeping lovegrass
Carpinteria Salt Marsh	*Eragrostis mexicana*	Poaceae	Orcutt's Eragrostis
Carpinteria Salt Marsh	*Eragrostis pectinacea*	Poaceae	
James San Jacinto Mountains	*Eriastrum densifolium*	Polemoniaceae	
Burns Pinon Ridge	*Eriastrum densifolium*	Polemoniaceae	
Burns Pinon Ridge	*Eriastrum eremicum*	Polemoniaceae	
Motte Rimrock	*Eriastrum sapphirinum*	Polemoniaceae	Sapphire Wool Star
Fort Ord	*Eriastrum virgatum*	Polemoniaceae	Virgate gilia
SNARL	*Eriastrum wilcoxii*	Polemoniaceae	
Burns Pinon Ridge	*Ericameria cuneata*	Asteraceae	
James San Jacinto Mountains	*Ericameria cuneata*	Asteraceae	
Fort Ord	*Ericameria ericoides*	Asteraceae	Mock heather
Fort Ord	*Ericameria fasciculata*	Asteraceae	Eastwood's golden fleece
Burns Pinon Ridge	*Ericameria laricifolia*	Asteraceae	
Burns Pinon Ridge	*Ericameria linearifolia*	Asteraceae	
Burns Pinon Ridge	*Ericameria teretifolia*	Asteraceae	
Burns Pinon Ridge	*Erigeron breweri*	Asteraceae	
James San Jacinto Mountains	*Erigeron foliosus*	Asteraceae	
Burns Pinon Ridge	*Erigeron parishii*	Asteraceae	
SNARL	*Erigeron peregrinus*	Asteraceae	
Quail Ridge	*Eriodictyon californicum*	Hydrophyllaceae	Yerba santa
James San Jacinto Mountains	*Eriogonum apiculatum*	Polygonaceae	
Motte Rimrock	*Eriogonum baileyi*	Polygonaceae	
SNARL	*Eriogonum baileyi*	Polygonaceae	
Burns Pinon Ridge	*Eriogonum brachyanthum*	Polygonaceae	
Burns Pinon Ridge	*Eriogonum davidsonii*	Polygonaceae	
James San Jacinto Mountains	*Eriogonum davidsonii*	Polygonaceae	
Burns Pinon Ridge	*Eriogonum elongatum*	Polygonaceae	
Motte Rimrock	*Eriogonum elongatum*	Polygonaceae	Long-Stemmed Buckwheat
Burns Pinon Ridge	*Eriogonum fasciculatum*	Polygonaceae	
James San Jacinto Mountains	*Eriogonum fasciculatum*	Polygonaceae	
Motte Rimrock	*Eriogonum fasciculatum*	Polygonaceae	California Buckwheat
Carpinteria Salt Marsh	*Eriogonum fasciculatum*	Polygonaceae	California Buckwheat
Motte Rimrock	*Eriogonum gracile*	Polygonaceae	Slender Woolly Buckwheat
Burns Pinon Ridge	*Eriogonum gracillimum*	Polygonaceae	
Burns Pinon Ridge	*Eriogonum inflatum*	Polygonaceae	
Burns Pinon Ridge	*Eriogonum maculatum*	Polygonaceae	
Fort Ord	*Eriogonum nudum*	Polygonaceae	Naked eriogonum, tibinagua
James San Jacinto Mountains	*Eriogonum nudum*	Polygonaceae	
James San Jacinto Mountains	*Eriogonum parishii*	Polygonaceae	
Fort Ord	*Eriogonum parvifolium*	Polygonaceae	Dune buckwheat, seacliff buckwheat
Burns Pinon Ridge	*Eriogonum plumatella*	Polygonaceae	
Burns Pinon Ridge	*Eriogonum pusillum*	Polygonaceae	
Burns Pinon Ridge	*Eriogonum saxatile*	Polygonaceae	
James San Jacinto Mountains	*Eriogonum saxatile*	Polygonaceae	
SNARL	*Eriogonum spergulinum*	Polygonaceae	
SNARL	*Eriogonum umbellatum*	Polygonaceae	
Burns Pinon Ridge	*Eriogonum viridescens*	Polygonaceae	
James San Jacinto Mountains	*Eriogonum wrightii*	Polygonaceae	
Burns Pinon Ridge	*Eriophyllum confertiflorum*	Asteraceae	
Fort Ord	*Eriophyllum confertiflorum*	Asteraceae	Golden yarrow
James San Jacinto Mountains	*Eriophyllum confertiflorum*	Asteraceae	
Motte Rimrock	*Eriophyllum confertiflorum*	Asteraceae	Golden-Yarrow
Quail Ridge	*Eriophyllum lanatum*	Asteraceae	Woolly Sunflower
Motte Rimrock	*Eriophyllum multicaule*	Asteraceae	Many-Stem Woolly Daisy
Burns Pinon Ridge	*Eriophyllum wallacei*	Asteraceae	
Fort Ord	*Erodium botrys*	Geraniaceae	Long-beaked filaree
Quail Ridge	*Erodium botrys*	Geraniaceae	Long-beaked filaree
Fort Ord	*Erodium brachycarpum*	Geraniaceae	Filaree
Burns Pinon Ridge	*Erodium cicutarium*	Geraniaceae	
Fort Ord	*Erodium cicutarium*	Geraniaceae	Red-stemmed filaree
James San Jacinto Mountains	*Erodium cicutarium*	Geraniaceae	

Motte Rimrock	*Erodium cicutarium*	Geraniaceae	Redstem Storksbill
Quail Ridge	*Erodium cicutarium*	Geraniaceae	Red-stemmed filaree
Fort Ord	*Erodium moschatum*	Geraniaceae	White-stemmed filaree
Carpinteria Salt Marsh	*Erodium moschatum*	Geraniaceae	Whitestem Filaree
James San Jacinto Mountains	*Erysimum capitatum*	Brassicaceae	
SNARL	*Erysimum capitatum*	Brassicaceae	
Quail Ridge	*Eschscholzia caespitosa*	Papaveraceae	Annual California poppy
Fort Ord	*Eschscholzia californica*	Papaveraceae	California poppy
Motte Rimrock	*Eschscholzia californica*	Papaveraceae	California Poppy
Burns Pinon Ridge	*Eschscholzia minutiflora*	Papaveraceae	
Burns Pinon Ridge	*Eschscholzia parishii*	Papaveraceae	
Motte Rimrock	*Eucalyptus camaldulensis*	Myrtaceae	Red Gum
Burns Pinon Ridge	*Eucrypta chrysanthemifolia*	Boraginaceae	
Motte Rimrock	*Eucrypta chrysanthemifolia*	Hydrophyllaceae	Common Eucrypta
Carpinteria Salt Marsh	*Eucrypta chrysanthemifolia*	Hydrophyllaceae	Common Eucrypta
James San Jacinto Mountains	*Euonymus occidentalis*	Celastraceae	
Carpinteria Salt Marsh	*Euphorbia lathyris*	Euphorbiaceae	Caper Spurge
James San Jacinto Mountains	*Euphorbia palmeri*	Euphorbiaceae	
Carpinteria Salt Marsh	*Euphorbia peplus*	Euphorbiaceae	Petty Spurge
Burns Pinon Ridge	*Euphorbia setiloba*	Euphorbiaceae	
Quail Ridge	*Euphorbia spathulata*	Euphorbiaceae	netseed spurge, spurge, warty spurge
Sagehen Creek	*Eurybia integrifolia*	Asteraceae	
Carpinteria Salt Marsh	*Euthamia occidentalis*	Asteraceae	Western Goldenrod
Quail Ridge	*Festuca californica*	Poaceae	California fescue
Quail Ridge	*Festuca idahoensis*	Poaceae	Idaho fescue
James San Jacinto Mountains	*Festuca microstachys*	Poaceae	
James San Jacinto Mountains	*Festuca myuros*	Poaceae	
Sagehen Creek	*Festuca rubra*	Poaceae	
Sagehen Creek	*Festuca trachyphylla*	Poaceae	
Sagehen Creek	*Festuca viridula*	Poaceae	
Quail Ridge	*Ficus carica*	Moraceae	Common fig
Burns Pinon Ridge	*Filago californica*	Asteraceae	
Fort Ord	*Filago californica*	Asteraceae	California filago
Motte Rimrock	*Filago californica*	Asteraceae	Narrow-Leaved Fluffweed
Burns Pinon Ridge	*Filago depressa*	Asteraceae	
Fort Ord	*Filago gallica*	Asteraceae	Narrow-leaved filago
Motte Rimrock	*Filago gallica*	Asteraceae	
Quail Ridge	*Filago gallica*	Asteraceae	Narrow-leaved filago
Sagehen Creek	*Floerkea proserpinacoides*	Limnanthaceae	
Fort Ord	*Foeniculum vulgare*	Apiaceae	Fennel
Carpinteria Salt Marsh	*Foeniculum vulgare*	Apiaceae	Sweet Fennel
Motte Rimrock	*Forestiera pubescens*	Oleaceae	Desert Olive
James San Jacinto Mountains	*Fragaria vesca*	Rosaceae	
Carpinteria Salt Marsh	*Frankenia salina*	Frankeniaceae	Alkali Heath
Quail Ridge	*Fraxinus dipetala*	Oleaceae	Flowering ash
Quail Ridge	*Fritillaria affinis*	Liliaceae	Checker-lily
SNARL	*Fritillaria pinetorum*	Liliaceae	
Burns Pinon Ridge	*Galium angustifolium*	Rubiaceae	
James San Jacinto Mountains	*Galium angustifolium*	Rubiaceae	
Motte Rimrock	*Galium angustifolium*	Rubiaceae	Narrow-Leaved Bedstraw
James San Jacinto Mountains	*Galium aparine*	Rubiaceae	
Motte Rimrock	*Galium aparine*	Rubiaceae	Goose Grass
Quail Ridge	*Galium aparine*	Rubiaceae	Cleavers
Carpinteria Salt Marsh	*Galium aparine*	Rubiaceae	Cleavers or Goose Grass
Sagehen Creek	*Galium bifolium*	Rubiaceae	
Fort Ord	*Galium californicum*	Rubiaceae	California bedstraw
Quail Ridge	*Galium murale*	Rubiaceae	Yellow wall bedstraw
Quail Ridge	*Galium parisiense*	Rubiaceae	Wall bedstraw
Carpinteria Salt Marsh	*Galium parisiense*	Rubiaceae	Wall Bedstraw
Fort Ord	*Galium porrigens*	Rubiaceae	Climbing bedstraw
Quail Ridge	*Galium porrigens*	Rubiaceae	Climbing bedstraw
Sagehen Creek	*Galium trifidum*	Rubiaceae	

Fort Ord	*Garrya elliptica*	Garryaceae	Coast silk-tassel
Quail Ridge	*Gastridium ventricosum*	Poaceae	Nit grass
James San Jacinto Mountains	*Gayophytum diffusum*	Onagraceae	
Sagehen Creek	*Gayophytum diffusum*	Onagraceae	
SNARL	*Gayophytum diffusum*	Onagraceae	
Sagehen Creek	*Gayophytum humile*	Onagraceae	
Sagehen Creek	*Gayophytum racemosum*	Onagraceae	
Sagehen Creek	*Gayophytum ramosissimum*	Onagraceae	
Carpinteria Salt Marsh	*Gazania linearis*	Asteraceae	Gazania
Fort Ord	*Genista monspessulana*	Fabaceae	French broom
Sagehen Creek	*Gentiana newberryi*	Gentianaceae	
SNARL	*Gentianopsis holopetala*	Gentianaceae	
Sagehen Creek	*Gentianopsis simplex*	Gentianaceae	
Quail Ridge	*Geranium carolinianum*	Geraniaceae	Carolina geranium
Fort Ord	*Geranium dissectum*	Geraniaceae	Cut-leaved geranium
Quail Ridge	*Geranium dissectum*	Geraniaceae	Cut-leaved geranium
Fort Ord	*Geranium molle*	Geraniaceae	Dove's foot geranium
Quail Ridge	*Geranium molle*	Geraniaceae	Annual cranesbill
Quail Ridge	*Geranium purpureum*	Geraniaceae	Little robin, Lesser herb
Sagehen Creek	*Geum macrophyllum*	Rosaceae	
Motte Rimrock	*Gilia angelensis*	Polemoniaceae	Grassland Gilia
Burns Pinon Ridge	*Gilia australis*	Polemoniaceae	
Motte Rimrock	*Gilia australis*	Polemoniaceae	Southern Gilia
Burns Pinon Ridge	*Gilia brecciarum*	Polemoniaceae	
Burns Pinon Ridge	*Gilia cana*	Polemoniaceae	
Sagehen Creek	*Gilia capillaris*	Polemoniaceae	
James San Jacinto Mountains	*Gilia capitata*	Polemoniaceae	
Burns Pinon Ridge	*Gilia latiflora*	Polemoniaceae	
Sagehen Creek	*Gilia leptalea*	Polemoniaceae	
James San Jacinto Mountains	*Gilia ochroleuca*	Polemoniaceae	
Burns Pinon Ridge	*Gilia ophthalmoides*	Polemoniaceae	
Burns Pinon Ridge	*Gilia scopulorum*	Polemoniaceae	
Burns Pinon Ridge	*Gilia sinuata*	Polemoniaceae	
James San Jacinto Mountains	*Gilia sinuata*	Polemoniaceae	
James San Jacinto Mountains	*Gilia splendens*	Polemoniaceae	
Burns Pinon Ridge	*Gilia stellata*	Polemoniaceae	
Fort Ord	*Gilia tenuiflora*	Polemoniaceae	Dune gilia, sand gilia
Quail Ridge	*Gilia tricolor*	Polemoniaceae	
Quail Ridge	*Githopsis specularioides*	Campanulaceae	Common blue cup
Quail Ridge	*Glinus lotoides*	Molluginaceae	hairy carpet-weed, lotus Wetland
Fort Ord	*Gnaphalium californicum*	Asteraceae	California everlasting
Motte Rimrock	*Gnaphalium californicum*	Asteraceae	California Everlasting
Quail Ridge	*Gnaphalium californicum*	Asteraceae	Green cudweed
Carpinteria Salt Marsh	*Gnaphalium californicum*	Asteraceae	Green Everlasting
James San Jacinto Mountains	*Gnaphalium canescens*	Asteraceae	
Carpinteria Salt Marsh	*Gnaphalium canescens*	Asteraceae	White Everlasting
Motte Rimrock	*Gnaphalium luteoalbum*	Asteraceae	
Quail Ridge	*Gnaphalium luteoalbum*	Asteraceae	Jersey cudweed
Carpinteria Salt Marsh	*Gnaphalium luteoalbum*	Asteraceae	Weedy Cudweed
Burns Pinon Ridge	*Gnaphalium palustre*	Asteraceae	
James San Jacinto Mountains	*Gnaphalium palustre*	Asteraceae	
Motte Rimrock	*Gnaphalium palustre*	Asteraceae	Lowland Cudweed
Sagehen Creek	*Gnaphalium palustre*	Asteraceae	
SNARL	*Gnaphalium palustre*	Asteraceae	
Carpinteria Salt Marsh	*Gnaphalium stramineum*	Asteraceae	Cotton-batting Plant
Burns Pinon Ridge	*Grayia spinosa*	Amaranthaceae	
Burns Pinon Ridge	*Guillenia lasiophylla*	Brassicaceae	
Burns Pinon Ridge	*Gutierrezia microcephala*	Asteraceae	
Motte Rimrock	*Gutierrezia sarothrae*	Asteraceae	Matchweed
Carpinteria Salt Marsh	*Hazardia squarrosa*	Asteraceae	Sawtooth Goldenbush
Carpinteria Salt Marsh	*Hedera helix*	Araliaceae	English Ivy
Carpinteria Salt Marsh	*Helenium puberulum*	Asteraceae	Sneezeweed

Quail Ridge	*Helianthella californica*	Asteraceae	California helianthella
Fort Ord	*Helianthemum scoparium*	Cistaceae	Rush-rose
Quail Ridge	*Helianthemum scoparium*	Cistaceae	Peak rush-rose
Burns Pinon Ridge	*Helianthus annuus*	Asteraceae	
Motte Rimrock	*Helianthus annuus*	Asteraceae	Common Sunflower
Carpinteria Salt Marsh	*Helianthus annuus*	Asteraceae	Sunflower
Motte Rimrock	*Helianthus gracilentus*	Asteraceae	Slender Sunflower
Motte Rimrock	*Heliotropium curassavicum*	Boraginaceae	Salt Heliotrope
Carpinteria Salt Marsh	*Heliotropium curassavicum*	Boraginaceae	Seaside Heliotrope
Quail Ridge	*Heliotropium europaeum*	Boraginaceae	Common Heliotrope
Quail Ridge	*Hemizonia congesta*	Asteraceae	Field tarweed
Carpinteria Salt Marsh	*Hemizonia fasciculata*	Asteraceae	Fascicled Tarweed
Motte Rimrock	*Hemizonia paniculata*	Asteraceae	Tarweed
Sagehen Creek	*Hesperochiron californicus*	Hydrophyllaceae	
Fort Ord	*Hesperocnide tenella*	Urticaceae	Western nettle
Sagehen Creek	*Heterocodon rariflorum*	Campanulaceae	
Fort Ord	*Heteromeles sp.*	Rosaceae	Toyon, Christmas berry--Note problem with unresolved taxon.
Quail Ridge	*Heteromeles sp.*	Rosaceae	Toyon --Note problem with unresolved taxon.
Fort Ord	*Heterotheca grandiflora*	Asteraceae	Telegraph weed
Carpinteria Salt Marsh	*Heterotheca grandiflora*	Asteraceae	Telegraph Weed
Burns Pinon Ridge	*Hilaria rigida*	Poaceae	
James San Jacinto Mountains	*Hippuris vulgaris*	Hippuridaceae	
Motte Rimrock	*Hirschfeldia incana*	Brassicaceae	Short-Podded Mustard
Carpinteria Salt Marsh	*Hirschfeldia incana*	Brassicaceae	Summer Cress
Carpinteria Salt Marsh	*Hoita orbicularis*	Fabaceae	Round-leaved Psoralea
Quail Ridge	*Holodiscus discolor*	Rosaceae	Ocean spray, cream bush
Sagehen Creek	*Hordeum brachyantherum*	Poaceae	
Carpinteria Salt Marsh	*Hordeum depressum*	Poaceae	Alkali Barley
Quail Ridge	*Hordeum marinum*	Poaceae	Mediterranian barley
Carpinteria Salt Marsh	*Hordeum marinum*	Poaceae	Mediterranean Barley
Burns Pinon Ridge	*Hordeum murinum*	Poaceae	
Motte Rimrock	*Hordeum murinum*	Poaceae	Barley
Quail Ridge	*Hordeum murinum*	Poaceae	bulbous barley, mouse
Carpinteria Salt Marsh	*Hordeum murinum*	Poaceae	Wild Barley
Fort Ord	*Hordeum sp.*	Poaceae	
James San Jacinto Mountains	*Horkelia bolanderi*	Rosaceae	
Sagehen Creek	*Horkelia fusca*	Rosaceae	
Fort Ord	*Horkelia sp.*	Rosaceae	Coast honey-dew --Note problem with unresolved taxon.
SNARL	*Horkeliella congdonis*	Rosaceae	
James San Jacinto Mountains	*Hulsea vestita*	Asteraceae	
Carpinteria Salt Marsh	*Hutchinsia procumbens*	Brassicaceae	Hutchinsia
Sagehen Creek	*Hydrophyllum capitatum*	Hydrophyllaceae	
Burns Pinon Ridge	*Hymenoclea salsola*	Asteraceae	
James San Jacinto Mountains	*Hypericum anagalloides*	Hypericaceae	
Sagehen Creek	*Hypericum anagalloides*	Hypericaceae	
James San Jacinto Mountains	*Hypericum formosum*	Hypericaceae	
Fort Ord	*Hypochaeris glabra*	Asteraceae	Smooth cat's ears
Motte Rimrock	*Hypochaeris glabra*	Asteraceae	Smooth Cat'S-Ear
Quail Ridge	*Hypochaeris glabra*	Asteraceae	Smooth cat’s-ear
Carpinteria Salt Marsh	*Hypochaeris glabra*	Asteraceae	Smooth Cat’s Ear
Fort Ord	*Hypochaeris radicata*	Asteraceae	Hairy cat's ears
Quail Ridge	*Iris fernaldii*	Iridaceae	Fernald’s iris
SNARL	*Iris missouriensis*	Iridaceae	
Quail Ridge	*Iris orientalis*	Iridaceae	aff. orientalis
Motte Rimrock	*Isocoma menziesii*	Asteraceae	Coastal Goldenbush
Carpinteria Salt Marsh	*Isocoma veneta*	Asteraceae	Coast Goldenbrush
Burns Pinon Ridge	*Isomeris arborea*	Brassicaceae	
Sagehen Creek	*Ivesia sericoleuca*	Rosaceae	
Carpinteria Salt Marsh	*Jaumea carnosa*	Asteraceae	Jaumea

Quail Ridge	*Juglans californica*	Juglandaceae	California black walnut
Carpinteria Salt Marsh	*Juncus acutus*	Juncaceae	Spiny Rush
Burns Pinon Ridge	*Juncus balticus*	Juncaceae	
James San Jacinto Mountains	*Juncus balticus*	Juncaceae	
Sagehen Creek	*Juncus balticus*	Juncaceae	
Sagehen Creek	*Juncus bryoides*	Juncaceae	
Burns Pinon Ridge	*Juncus bufonius*	Juncaceae	
James San Jacinto Mountains	*Juncus bufonius*	Juncaceae	
Motte Rimrock	*Juncus bufonius*	Juncaceae	Toad Rush
Sagehen Creek	*Juncus bufonius*	Juncaceae	
Carpinteria Salt Marsh	*Juncus bufonius*	Juncaceae	Common Toad Rush
James San Jacinto Mountains	*Juncus effusus*	Juncaceae	
Quail Ridge	*Juncus effusus*	Juncaceae	Rush
Sagehen Creek	*Juncus ensifolius*	Juncaceae	
James San Jacinto Mountains	*Juncus kelloggii*	Juncaceae	
James San Jacinto Mountains	*Juncus macrandrus*	Juncaceae	
SNARL	*Juncus macrandrus*	Juncaceae	
Motte Rimrock	*Juncus macrophyllus*	Juncaceae	Large-Leaved Rush
Burns Pinon Ridge	*Juncus mexicanus*	Juncaceae	
Motte Rimrock	*Juncus mexicanus*	Juncaceae	Mexican Rush
SNARL	*Juncus mexicanus*	Juncaceae	
Sagehen Creek	*Juncus nevadensis*	Juncaceae	
SNARL	*Juncus orthophyllus*	Juncaceae	
Quail Ridge	*Juncus patens*	Juncaceae	Common rush
Carpinteria Salt Marsh	*Juncus patens*	Juncaceae	Spreading Rush
James San Jacinto Mountains	*Juncus rugulosus*	Juncaceae	
Carpinteria Salt Marsh	*Juncus rugulosus*	Juncaceae	Wrinkled Rush
Sagehen Creek	*Juncus saximontanus*	Juncaceae	
Carpinteria Salt Marsh	*Juncus textilis*	Juncaceae	Basket Rush
Motte Rimrock	*Juncus xiphioides*	Juncaceae	Iris-Leaf Rush
Quail Ridge	*Juncus xiphioides*	Juncaceae	Sword-leaved rush
Carpinteria Salt Marsh	*Juncus xiphioides*	Juncaceae	Iris-leaved Rush
Burns Pinon Ridge	*Keckiella antirrhinoides*	Plantaginaceae	
Motte Rimrock	*Keckiella antirrhinoides*	Scrophulariaceae	Yellow Bush Penstemon
James San Jacinto Mountains	*Keckiella ternata*	Scrophulariaceae	
Carpinteria Salt Marsh	*Kickxia elatine*	Scrophulariaceae	Sharp-leaved Fluellin
James San Jacinto Mountains	*Koeleria macrantha*	Poaceae	
Fort Ord	*Koeleria macrantha*	Poaceae	June grass
Quail Ridge	*Koeleria macrantha*	Poaceae	Junegrass
Burns Pinon Ridge	*Krameria erecta*	Krameriaceae	
Sagehen Creek	*Lactuca saligna*	Asteraceae	
Motte Rimrock	*Lactuca serriola*	Asteraceae	Prickly Lettuce
Quail Ridge	*Lactuca serriola*	Asteraceae	Prickly lettuce
Sagehen Creek	*Lactuca serriola*	Asteraceae	
SNARL	*Lactuca serriola*	Asteraceae	
Carpinteria Salt Marsh	*Lactuca serriola*	Asteraceae	Wild Lettuce
Quail Ridge	*Lagophylla minor*	Asteraceae	Lesser hareleaf
Quail Ridge	*Lagophylla ramosissima*	Asteraceae	Forked hareleaf
Motte Rimrock	*Lamarckia aurea*	Poaceae	Goldentop
Carpinteria Salt Marsh	*Lamium amplexicaule*	Lamiaceae	Giraffe Head
SNARL	*Lappula redowskii*	Boraginaceae	
Burns Pinon Ridge	*Larrea tridentata*	Zygophyllaceae	
Motte Rimrock	*Lasthenia californica*	Asteraceae	Goldfields
Quail Ridge	*Lasthenia californica*	Asteraceae	Goldfields
Burns Pinon Ridge	*Lasthenia chrysostoma*	Asteraceae	
Carpinteria Salt Marsh	*Lasthenia glabrata*	Asteraceae	Salt Marsh Daisy or Goldfields
Burns Pinon Ridge	*Lasthenia gracilis*	Asteraceae	
Fort Ord	*Lathyrus vestitus*	Fabaceae	Common pacific pea
Quail Ridge	*Lathyrus vestitus*	Fabaceae	Pacific peavine
Carpinteria Salt Marsh	*Lavatera cretica*	Malvaceae	Cretan Lavatera
Burns Pinon Ridge	*Layia glandulosa*	Asteraceae	
Fort Ord	*Layia platyglossa*	Asteraceae	Tidy tips

Motte Rimrock	*Layia platyglossa*	Asteraceae	Tidy-Tips
Carpinteria Salt Marsh	*Lemna gibba*	Lemnaceae	Gibbous Duckweed
Carpinteria Salt Marsh	*Lemna minor*	Lemnaceae	Lesser Duckweed
Sagehen Creek	*Lemna sp.*	Lemnaceae	
James San Jacinto Mountains	*Lemna valdiviana*	Lemnaceae	
Quail Ridge	*Leontodon taraxacoides*	Asteraceae	Hairy hawkbit
Quail Ridge	*Lepechinia calycina*	Lamiaceae	Pitcher sage
SNARL	*Lepidium densiflorum*	Brassicaceae	
Burns Pinon Ridge	*Lepidium fremontii*	Brassicaceae	
Fort Ord	*Lepidium nitidum*	Brassicaceae	Common pepper-grass
Quail Ridge	*Lepidium nitidum*	Brassicaceae	Shining pepperweed
Fort Ord	*Lepidium strictum*	Brassicaceae	Wayside pepper-grass
James San Jacinto Mountains	*Lepidium virginicum*	Brassicaceae	
Carpinteria Salt Marsh	*Lepidium virginicum*	Brassicaceae	Wild Pepper-Grass
Burns Pinon Ridge	*Lepidospartum squamatum*	Asteraceae	
James San Jacinto Mountains	*Leptodactylon pungens*	Polemoniaceae	
SNARL	*Leptodactylon pungens*	Polemoniaceae	
Quail Ridge	*Leptosiphon androsaceus*	Polemoniaceae	False baby stars
Burns Pinon Ridge	*Leptosiphon aureus*	Polemoniaceae	
Quail Ridge	*Leptosiphon bicolor*	Polemoniaceae	True baby stars
James San Jacinto Mountains	*Leptosiphon ciliatus*	Polemoniaceae	
Sagehen Creek	*Leptosiphon harknessii*	Polemoniaceae	
Quail Ridge	*Leptosiphon parviflorus*	Polemoniaceae	Common Linanthus, Baby stars
Fort Ord	*Leptosiphon sp.*	Polemoniaceae	
Fort Ord	*Lessingia filaginifolia*	Asteraceae	Sand aster
James San Jacinto Mountains	*Lessingia filaginifolia*	Asteraceae	
Motte Rimrock	*Lessingia filaginifolia*	Asteraceae	California Aster
James San Jacinto Mountains	*Lessingia glandulifera*	Asteraceae	
Sagehen Creek	*Lewisia nevadensis*	Portulacaceae	
SNARL	*Leymus cinereus*	Poaceae	
Motte Rimrock	*Leymus condensatus*	Poaceae	Giant Wild Rye
Carpinteria Salt Marsh	*Leymus condensatus*	Poaceae	Giant Rye-Grass
Fort Ord	*Leymus sp.*	Poaceae	
Sagehen Creek	*Leymus triticoides*	Poaceae	
SNARL	*Leymus triticoides*	Poaceae	
Carpinteria Salt Marsh	*Leymus triticoides*	Poaceae	Alkali Rye-Grass
SNARL	*Lilium kelleyanum*	Liliaceae	
James San Jacinto Mountains	*Lilium parryi*	Liliaceae	
Carpinteria Salt Marsh	*Limonium californicum*	Plumbaginaceae	California Sea Lavender or Marsh Rosemary
Fort Ord	*Limonium perezii*	Plumbaginaceae	Statice, sea lavender
Carpinteria Salt Marsh	*Limonium ramosissimum*	Plumbaginaceae	Sea-lavender
Carpinteria Salt Marsh	*Limonium sinuatum*	Plumbaginaceae	Sea-lavender
Burns Pinon Ridge	*Linanthus bigelovii*	Polemoniaceae	
Motte Rimrock	*Linanthus dianthiflorus*	Polemoniaceae	Ground Pink
Burns Pinon Ridge	*Linanthus dichotomus*	Polemoniaceae	
Burns Pinon Ridge	*Linanthus orcuttii*	Polemoniaceae	
Motte Rimrock	*Linaria canadensis*	Scrophulariaceae	Blue Toadflax
Quail Ridge	*Linaria canadensis*	Scrophulariaceae	Blue toad flax
James San Jacinto Mountains	*Linum lewisii*	Linaceae	
Sagehen Creek	*Lipocarpha occidentalis*	Cyperaceae	
James San Jacinto Mountains	*Lithophragma affine*	Saxifragaceae	
Quail Ridge	*Lithophragma affine*	Saxifragaceae	Woodland star
Sagehen Creek	*Lithophragma glabrum*	Saxifragaceae	
Quail Ridge	*Lithophragma parviflorum*	Saxifragaceae	Pink woodland
Motte Rimrock	*Loeflingia squarrosa*	Caryophyllaceae	California Loeflingia
Burns Pinon Ridge	*Loeseliastrum matthewsii*	Polemoniaceae	
Quail Ridge	*Lolium multiflorum*	Poaceae	Italian ryegrass
Carpinteria Salt Marsh	*Lolium multiflorum*	Poaceae	Italian Ryegrass
Quail Ridge	*Lomatium californicum*	Apiaceae	California rock parsnip
Quail Ridge	*Lomatium dasycarpum*	Apiaceae	Lace parsnip
Burns Pinon Ridge	*Lomatium mohavense*	Apiaceae	

Sagehen Creek	*Lomatium nevadense*	Apiaceae	
SNARL	*Lomatium nevadense*	Apiaceae	
Fort Ord	*Lomatium parvifolium*	Apiaceae	Coast parsnip
Quail Ridge	*Lomatium utriculatum*	Apiaceae	Bladder parsnip
James San Jacinto Mountains	*Lonicera subspicata*	Caprifoliaceae	
Fort Ord	*Lotis strigosus*	Fabaceae	Bishop's lotus
Burns Pinon Ridge	*Lotus argophyllus*	Fabaceae	
Motte Rimrock	*Lotus argophyllus*	Fabaceae	Silverleaf Lotus
Carpinteria Salt Marsh	*Lotus corniculatus*	Fabaceae	Birdfoot Trefoil
James San Jacinto Mountains	*Lotus crassifolius*	Fabaceae	
Quail Ridge	*Lotus denticulatus*	Fabaceae	Birds-foot trefoil
Burns Pinon Ridge	*Lotus heermannii*	Fabaceae	
James San Jacinto Mountains	*Lotus nevadensis*	Fabaceae	
James San Jacinto Mountains	*Lotus oblongifolius*	Fabaceae	
Motte Rimrock	*Lotus purshianus*	Fabaceae	Spanish Clover
Sagehen Creek	*Lotus purshianus*	Fabaceae	
Burns Pinon Ridge	*Lotus rigidus*	Fabaceae	
Carpinteria Salt Marsh	*Lotus salsuginosus*	Fabaceae	Coastal Hosackia
Burns Pinon Ridge	*Lotus scoparius*	Fabaceae	
Fort Ord	*Lotus scoparius*	Fabaceae	Deerweed
Motte Rimrock	*Lotus scoparius*	Fabaceae	California Broom
Quail Ridge	*Lotus scoparius*	Fabaceae	Common deerweed
Carpinteria Salt Marsh	*Lotus scoparius*	Fabaceae	Deerweed
Burns Pinon Ridge	*Lotus strigosus*	Fabaceae	
James San Jacinto Mountains	*Lotus strigosus*	Fabaceae	
Motte Rimrock	*Lotus strigosus*	Fabaceae	Hirsute Lotus
Quail Ridge	*Lotus wrangelianus*	Fabaceae	Smooth hill lotus
Fort Ord	*Lupinus albifrons*	Fabaceae	Silver bush lupine
Quail Ridge	*Lupinus albifrons*	Fabaceae	Bush lupine
Fort Ord	*Lupinus arboreus*	Fabaceae	Yellow bush lupine, tree lupine
Carpinteria Salt Marsh	*Lupinus arboreus*	Fabaceae	Bush Lupine
SNARL	*Lupinus argenteus*	Fabaceae	
Burns Pinon Ridge	*Lupinus arizonicus*	Fabaceae	
Fort Ord	*Lupinus bicolor*	Fabaceae	Lindley's annual lupine
James San Jacinto Mountains	*Lupinus bicolor*	Fabaceae	
Motte Rimrock	*Lupinus bicolor*	Fabaceae	Miniature Lupine
Quail Ridge	*Lupinus bicolor*	Fabaceae	Miniature lupine
Burns Pinon Ridge	*Lupinus concinnus*	Fabaceae	
Fort Ord	*Lupinus concinnus*	Fabaceae	Bajada lupine
James San Jacinto Mountains	*Lupinus concinnus*	Fabaceae	
Burns Pinon Ridge	*Lupinus excubitus*	Fabaceae	
James San Jacinto Mountains	*Lupinus excubitus*	Fabaceae	
James San Jacinto Mountains	*Lupinus hyacinthinus*	Fabaceae	
James San Jacinto Mountains	*Lupinus latifolius*	Fabaceae	
Sagehen Creek	*Lupinus lepidus*	Fabaceae	
SNARL	*Lupinus lepidus*	Fabaceae	
Fort Ord	*Lupinus nanus*	Fabaceae	Sky lupine, Douglas' annual lupine
Quail Ridge	*Lupinus nanus*	Fabaceae	Sky lupine
Sagehen Creek	*Lupinus polyphyllus*	Fabaceae	
SNARL	*Lupinus polyphyllus*	Fabaceae	
Burns Pinon Ridge	*Lupinus sparsiflorus*	Fabaceae	
Motte Rimrock	*Lupinus sparsiflorus*	Fabaceae	Coulter'S Lupine
Quail Ridge	*Lupinus succulentus*	Fabaceae	Arroyo lupine
Carpinteria Salt Marsh	*Lupinus succulentus*	Fabaceae	Arroyo or Succulent Lupine
Motte Rimrock	*Lupinus truncatus*	Fabaceae	Collar Lupine
James San Jacinto Mountains	*Luzula comosa*	Juncaceae	
Sagehen Creek	*Luzula comosa*	Juncaceae	
Sagehen Creek	*Luzula subcongesta*	Juncaceae	
Burns Pinon Ridge	*Lycium andersonii*	Solanaceae	
Burns Pinon Ridge	*Lycium cooperi*	Solanaceae	
Burns Pinon Ridge	*Lycopersicon esculentum*	Solanaceae	
Quail Ridge	*Lythrum hyssopifolia*	Lythraceae	Hyssop-leafed loosestrife

SNARL	*Machaeranthera canescens*	Asteraceae	
Sagehen Creek	*Madia elegans*	Asteraceae	
Quail Ridge	*Madia exigua*	Asteraceae	Threadstem madia
Sagehen Creek	*Madia exigua*	Asteraceae	
Sagehen Creek	*Madia glomerata*	Asteraceae	
Quail Ridge	*Madia gracilis*	Asteraceae	Slender tarweed
Sagehen Creek	*Madia gracilis*	Asteraceae	
James San Jacinto Mountains	*Madia minima*	Asteraceae	
Quail Ridge	*Madia minima*	Asteraceae	Pygmy Tarweed
Fort Ord	*Madia sativa*	Asteraceae	Coast tarweed
Motte Rimrock	*Malacothamnus fasciculatus*	Malvaceae	Chaparral Mallow
Carpinteria Salt Marsh	*Malacothamnus fasciculatus*	Malvaceae	Chaparral Mallow
Burns Pinon Ridge	*Malacothrix glabrata*	Asteraceae	
Carpinteria Salt Marsh	*Malacothrix incana*	Asteraceae	Dunedelion
Carpinteria Salt Marsh	*Malacothrix saxatilis*	Asteraceae	Cliff Aster
Carpinteria Salt Marsh	*Malephora crocea*	Aizoaceae	Crocea Ice Plant
Motte Rimrock	*Malosma laurina*	Anacardiaceae	Laurel Sumac
SNARL	*Malva neglecta*	Malvaceae	
Carpinteria Salt Marsh	*Malva nicaeensis*	Malvaceae	Bull Mallow
Carpinteria Salt Marsh	*Malva parviflora*	Malvaceae	Cheese-weed
Carpinteria Salt Marsh	*Malvella leprosa*	Malvaceae	Alkali Mallow
Fort Ord	*Marah fabacea*	Cucurbitaceae	Man-root, wild cucumber
Quail Ridge	*Marah fabacea*	Cucurbitaceae	Wild Cucumber
Burns Pinon Ridge	*Marah macrocarpa*	Cucurbitaceae	
Motte Rimrock	*Marah macrocarpa*	Cucurbitaceae	Wild Cucumber
Quail Ridge	*Marah watsonii*	Cucurbitaceae	Watson's manroot, bigroot
Motte Rimrock	*Marrubium vulgare*	Lamiaceae	Horehound
Motte Rimrock	*Matricaria discoidea*	Asteraceae	Pineapple Weed
Quail Ridge	*Matricaria discoidea*	Asteraceae	
Fort Ord	*Medicago polymorpha*	Fabaceae	Bur clover
Quail Ridge	*Medicago polymorpha*	Fabaceae	Bur clover
Carpinteria Salt Marsh	*Medicago polymorpha*	Fabaceae	Bur Clover
Sagehen Creek	*Melica bulbosa*	Poaceae	
Quail Ridge	*Melica californica*	Poaceae	California melic grass
Burns Pinon Ridge	*Melica frutescens*	Poaceae	
Sagehen Creek	*Melica fugax*	Poaceae	
Sagehen Creek	*Melica harfordii*	Poaceae	
Burns Pinon Ridge	*Melica imperfecta*	Poaceae	
James San Jacinto Mountains	*Melica imperfecta*	Poaceae	
Motte Rimrock	*Melica imperfecta*	Poaceae	Small-Flowered Melica
Fort Ord	*Melica sp.*	Poaceae	
Quail Ridge	*Melica torreyana*	Poaceae	Torrey Melic Grass
Carpinteria Salt Marsh	*Melilotus albus*	Fabaceae	White Sweet-clover
SNARL	*Melilotus albus*	Fabaceae	
Motte Rimrock	*Melilotus indicus*	Fabaceae	Sourclover
Carpinteria Salt Marsh	*Melilotus indicus*	Fabaceae	Indian Sweet-clover
Quail Ridge	*Mentha pulegium*	Lamiaceae	Pennyroyal
James San Jacinto Mountains	*Mentha spicata*	Lamiaceae	
Carpinteria Salt Marsh	*Mentha spicata*	Lamiaceae	Spearmint
Burns Pinon Ridge	*Mentzelia affinis*	Loasaceae	
Burns Pinon Ridge	*Mentzelia albicaulis*	Loasaceae	
James San Jacinto Mountains	*Mentzelia congesta*	Loasaceae	
SNARL	*Mentzelia congesta*	Loasaceae	
Burns Pinon Ridge	*Mentzelia jonesii*	Loasaceae	
SNARL	*Mentzelia montana*	Loasaceae	
Burns Pinon Ridge	*Mentzelia veatchiana*	Loasaceae	
Carpinteria Salt Marsh	*Mesembryanthemum nodiflorum*	Aizoaceae	Slender-leaved Ice Plant
Quail Ridge	*Micropus californicus*	Asteraceae	Slender cottonweed
Burns Pinon Ridge	*Microseris lindleyi*	Asteraceae	
Burns Pinon Ridge	*Microseris linearifolia*	Asteraceae	
Sagehen Creek	*Microseris sp.*	Asteraceae	
Burns Pinon Ridge	*Mimulus androsaceus*	Scrophulariaceae	

Burns Pinon Ridge	*Mimulus aurantiacus*	Scrophulariaceae	
Fort Ord	*Mimulus aurantiacus*	Scrophulariaceae	Sticky monkey flower
James San Jacinto Mountains	*Mimulus aurantiacus*	Scrophulariaceae	
Motte Rimrock	*Mimulus aurantiacus*	Scrophulariaceae	Red Bush Monkeyflower
Quail Ridge	*Mimulus aurantiacus*	Scrophulariaceae	Bush monkey flower
Burns Pinon Ridge	*Mimulus bigelovii*	Scrophulariaceae	
James San Jacinto Mountains	*Mimulus brevipes*	Scrophulariaceae	
James San Jacinto Mountains	*Mimulus cardinalis*	Scrophulariaceae	
Motte Rimrock	*Mimulus cardinalis*	Scrophulariaceae	Scarlet Monkeyflower
Carpinteria Salt Marsh	*Mimulus cardinalis*	Scrophulariaceae	Scarlet Monkey-flower
James San Jacinto Mountains	*Mimulus floribundus*	Scrophulariaceae	
Motte Rimrock	*Mimulus floribundus*	Scrophulariaceae	Showy Monkeyflower
SNARL	*Mimulus floribundus*	Scrophulariaceae	
Burns Pinon Ridge	*Mimulus fremontii*	Scrophulariaceae	
James San Jacinto Mountains	*Mimulus fremontii*	Scrophulariaceae	
Burns Pinon Ridge	*Mimulus guttatus*	Scrophulariaceae	
James San Jacinto Mountains	*Mimulus guttatus*	Scrophulariaceae	
James San Jacinto Mountains	*Mimulus guttatus*	Scrophulariaceae	
Motte Rimrock	*Mimulus guttatus*	Scrophulariaceae	Yellow Monkeyflower
Sagehen Creek	*Mimulus guttatus*	Scrophulariaceae	
SNARL	*Mimulus guttatus*	Scrophulariaceae	
SNARL	*Mimulus mephiticus*	Scrophulariaceae	
James San Jacinto Mountains	*Mimulus moschatus*	Scrophulariaceae	
James San Jacinto Mountains	*Mimulus palmeri*	Scrophulariaceae	
Burns Pinon Ridge	*Mimulus parishii*	Scrophulariaceae	
Burns Pinon Ridge	*Mimulus pilosus*	Scrophulariaceae	
James San Jacinto Mountains	*Mimulus pilosus*	Scrophulariaceae	
Motte Rimrock	*Mimulus pilosus*	Scrophulariaceae	Downy Mimetanthe
Sagehen Creek	*Mimulus primuloides*	Scrophulariaceae	
SNARL	*Mimulus primuloides*	Scrophulariaceae	
Burns Pinon Ridge	*Mimulus rubellus*	Scrophulariaceae	
Burns Pinon Ridge	*Minuartia douglasii*	Caryophyllaceae	
Motte Rimrock	*Mirabilis californica*	Nyctaginaceae	Wishbone Bush
Burns Pinon Ridge	*Mirabilis laevis*	Nyctaginaceae	
Burns Pinon Ridge	*Mollugo cerviana*	Molluginaceae	
Carpinteria Salt Marsh	*Monanthochloe littoralis*	Poaceae	Shoregrass
James San Jacinto Mountains	*Monardella lanceolata*	Lamiaceae	
Burns Pinon Ridge	*Monardella linoides*	Lamiaceae	
James San Jacinto Mountains	*Monardella nana*	Lamiaceae	
Burns Pinon Ridge	*Monardella robinsonii*	Lamiaceae	
Fort Ord	*Monardella undulata*	Lamiaceae	Curly-leaved monardella
Fort Ord	*Monardella villosa*	Lamiaceae	Coyote mint
SNARL	*Monolepis spathulata*	Chenopodiaceae	
Burns Pinon Ridge	*Monoptilon bellidiforme*	Asteraceae	
Sagehen Creek	*Montia chamissoi*	Portulacaceae	
Sagehen Creek	*Montia linearis*	Portulacaceae	
Quail Ridge	*Morus alba*	Moraceae	White mulberry
SNARL	*Muhlenbergia andina*	Poaceae	
SNARL	*Muhlenbergia asperifolia*	Poaceae	
Sagehen Creek	*Muhlenbergia filiformis*	Poaceae	
Motte Rimrock	*Muhlenbergia microsperma*	Poaceae	Littleseed Muhly
SNARL	*Muhlenbergia minutissima*	Poaceae	
Sagehen Creek	*Muhlenbergia richardsonis*	Poaceae	
SNARL	*Muhlenbergia richardsonis*	Poaceae	
James San Jacinto Mountains	*Muhlenbergia rigens*	Poaceae	
Carpinteria Salt Marsh	*Myoporum laetum*	Myoperaceae	Myoporum
Sagehen Creek	*Myosurus apetalus*	Ranunculaceae	
Quail Ridge	*Myriophyllum sibiricum*	Haloragaceae	Northern milfoil Lake margins
James San Jacinto Mountains	*Myriophyllum sibiricum*	Haloragaceae	
Burns Pinon Ridge	*Nama demissa*	Boraginaceae	
SNARL	*Nama densa*	Hydrophyllaceae	
Burns Pinon Ridge	*Nama hispida*	Boraginaceae	

Quail Ridge	*Narcissus pseudonarcissus*	Liliaceae	Daffodil
Fort Ord	*Nassella cernua*	Poaceae	Nodding needlegrass
Quail Ridge	*Nassella lepida*	Poaceae	Foothill needlegrass
Fort Ord	*Nassella pulchra*	Poaceae	Purple needlegrass
Quail Ridge	*Nassella pulchra*	Poaceae	Purple needlegrass
Sagehen Creek	*Navarretia breweri*	Polemoniaceae	
Sagehen Creek	*Navarretia intertexta*	Polemoniaceae	
Sagehen Creek	*Navarretia leptalea*	Polemoniaceae	
Quail Ridge	*Navarretia pubescens*	Polemoniaceae	Downy navarretia
Fort Ord	*Navarretia sp.*	Polemoniaceae	
James San Jacinto Mountains	*Nemacladus longiflorus*	Campanulaceae	
Motte Rimrock	*Nemacladus ramosissimus*	Campanulaceae	Nuttall'S Threadplant
Burns Pinon Ridge	*Nemacladus sigmoideus*	Campanulaceae	
James San Jacinto Mountains	*Nemacladus sigmoideus*	Campanulaceae	
Quail Ridge	*Nemophila heterophylla*	Hydrophyllaceae	Vari-leaf nemophila
Fort Ord	*Nemophila menziesii*	Hydrophyllaceae	Baby blue-eyes
Motte Rimrock	*Nemophila menziesii*	Hydrophyllaceae	Baby Blue-Eyes
Burns Pinon Ridge	*Nemophila menziesii*	Hydrophyllaceae	
Fort Ord	*Nemophila pedunculata*	Hydrophyllaceae	Meadow nemophilia
Sagehen Creek	*Nemophila pedunculata*	Hydrophyllaceae	
Sagehen Creek	*Nemophila sp.*	Hydrophyllaceae	
James San Jacinto Mountains	*Nemophila spatulata*	Hydrophyllaceae	
Sagehen Creek	*Nemophila spatulata*	Hydrophyllaceae	
Burns Pinon Ridge	*Nicolletia occidentalis*	Asteraceae	
Motte Rimrock	*Nicotiana glauca*	Solanaceae	Tree Tobacco
Carpinteria Salt Marsh	*Nicotiana glauca*	Solanaceae	Tree Tobacco
Burns Pinon Ridge	*Nicotiana obtusifolia*	Solanaceae	
Motte Rimrock	*Nicotiana quadrivalvis*	Solanaceae	Wallace'S Tobacco
Quail Ridge	*Nicotiana quadrivalvis*	Solanaceae	Indian tobacco
SNARL	*Nicotiana tabacum*	Solanaceae	attenuata--Note problem with unresolved taxon.
Burns Pinon Ridge	*Nolina parryi*	Ruscaceae	
Sagehen Creek	*Nothocalais alpestris*	Asteraceae	
Burns Pinon Ridge	*Oenothera californica*	Onagraceae	
SNARL	*Oenothera californica*	Onagraceae	
James San Jacinto Mountains	*Oenothera elata*	Onagraceae	
SNARL	*Oenothera elata*	Onagraceae	
Burns Pinon Ridge	*Opuntia basilaris*	Cactaceae	
Carpinteria Salt Marsh	*Opuntia basilaris*	Cactaceae	Beavertail Cactus
Burns Pinon Ridge	*Opuntia erinacea*	Cactaceae	
SNARL	*Opuntia erinacea*	Cactaceae	
Carpinteria Salt Marsh	*Opuntia ficus-indica*	Cactaceae	Indian-Fig
Motte Rimrock	*Opuntia littoralis*	Cactaceae	Coast Prickly Pear
Motte Rimrock	*Opuntia parryi*	Cactaceae	Cane Cholla
Sagehen Creek	*Orobanche californica*	Orobanchaceae	
Burns Pinon Ridge	*Orobanche fasciculata*	Orobanchaceae	
Fort Ord	*Orobanche sp.*	Orobanchaceae	
James San Jacinto Mountains	*Orobanche uniflora*	Orobanchaceae	
Sagehen Creek	*Orthocarpus cuspidatus*	Scrophulariaceae	
Carpinteria Salt Marsh	*Osteospermum fruticosum*	Asteraceae	Freeway Daisy
Fort Ord	*Oxalis pes-caprae*	Oxalidaceae	Bermuda buttercup
Carpinteria Salt Marsh	*Oxalis pes-caprae*	Oxalidaceae	Sour Grass
Burns Pinon Ridge	*Oxytheca trilobata*	Polygonaceae	
James San Jacinto Mountains	*Oxytheca trilobata*	Polygonaceae	
Burns Pinon Ridge	*Panicum miliaceum*	Poaceae	
Carpinteria Salt Marsh	*Parapholis incurva*	Poaceae	Sicklegrass
Motte Rimrock	*Parietaria hespera*	Urticaceae	Pellitory
SNARL	*Parnassia californica*	Saxifragaceae	
Carpinteria Salt Marsh	*Paspalum dilatatum*	Poaceae	Dallis Grass
Burns Pinon Ridge	*Pectis papposa*	Asteraceae	
Burns Pinon Ridge	*Pectocarya heterocarpa*	Boraginaceae	
Burns Pinon Ridge	*Pectocarya linearis*	Boraginaceae	

Burns Pinon Ridge	*Pectocarya penicillata*	Boraginaceae	
Motte Rimrock	*Pectocarya penicillata*	Boraginaceae	Winged Pectocarya
Burns Pinon Ridge	*Pectocarya platycarpa*	Boraginaceae	
Quail Ridge	*Pectocarya pusilla*	Boraginaceae	Little combseed
Burns Pinon Ridge	*Pectocarya setosa*	Boraginaceae	
SNARL	*Pedicularis crenulata*	Scrophulariaceae	
Quail Ridge	*Pedicularis densiflora*	Scrophulariaceae	Indian warrior
Sagehen Creek	*Pedicularis groenlandica*	Scrophulariaceae	
James San Jacinto Mountains	*Pedicularis semibarbata*	Scrophulariaceae	
Carpinteria Salt Marsh	*Pennisetum clandestinum*	Poaceae	Kikuyu Grass
Carpinteria Salt Marsh	*Pennisetum villosum*	Poaceae	Feathertop
James San Jacinto Mountains	*Penstemon centranthifolius*	Scrophulariaceae	
James San Jacinto Mountains	*Penstemon grinnellii*	Scrophulariaceae	
Burns Pinon Ridge	*Penstemon incertus*	Scrophulariaceae	
James San Jacinto Mountains	*Penstemon labrosus*	Scrophulariaceae	
James San Jacinto Mountains	*Penstemon rostriflorus*	Scrophulariaceae	
SNARL	*Penstemon rostriflorus*	Scrophulariaceae	
Sagehen Creek	*Penstemon rydbergii*	Scrophulariaceae	
SNARL	*Penstemon rydbergii*	Scrophulariaceae	
James San Jacinto Mountains	*Penstemon spectabilis*	Scrophulariaceae	
Quail Ridge	*Pentachaeta alsinoides*	Asteraceae	Tiny pygmydaisy
Sagehen Creek	*Perideridia bolanderi*	Apiaceae	
Quail Ridge	*Perideridia kelloggii*	Apiaceae	Yampah
Sagehen Creek	*Perideridia parishii*	Apiaceae	
Burns Pinon Ridge	*Petalonyx thurberi*	Loasaceae	
Quail Ridge	*Petrorhagia dubia*	Caryophyllaceae	hairypink
Quail Ridge	*Petrorhagia prolifera*	Caryophyllaceae	Childing pink
SNARL	*Phacelia bicolor*	Hydrophyllaceae	
Burns Pinon Ridge	*Phacelia campanularia*	Hydrophyllaceae	
Motte Rimrock	*Phacelia cicutaria*	Hydrophyllaceae	Caterpillar Phacelia
Burns Pinon Ridge	*Phacelia cryptantha*	Hydrophyllaceae	
Burns Pinon Ridge	*Phacelia curvipes*	Hydrophyllaceae	
Burns Pinon Ridge	*Phacelia distans*	Hydrophyllaceae	
Motte Rimrock	*Phacelia distans*	Hydrophyllaceae	Wild Heliotrope
Carpinteria Salt Marsh	*Phacelia distans*	Hydrophyllaceae	Wild Heliotrope
Fort Ord	*Phacelia douglasii*	Hydrophyllaceae	Douglas' phacelia
Sagehen Creek	*Phacelia humilis*	Hydrophyllaceae	
James San Jacinto Mountains	*Phacelia imbricata*	Hydrophyllaceae	
Sagehen Creek	*Phacelia marcescens*	Hydrophyllaceae	
Burns Pinon Ridge	*Phacelia minor*	Hydrophyllaceae	
Motte Rimrock	*Phacelia minor*	Hydrophyllaceae	Wild-Canterbury-Bell
Motte Rimrock	*Phacelia ramosissima*	Hydrophyllaceae	Branching Phacelia
Carpinteria Salt Marsh	*Phacelia ramosissima*	Hydrophyllaceae	Branching Phacelia
Sagehen Creek	*Phleum pratense*	Poaceae	
SNARL	*Phleum pratense*	Poaceae	
Sagehen Creek	*Phlox gracilis*	Polemoniaceae	
SNARL	*Phlox stansburyi*	Polemoniaceae	
Fort Ord	*Pholistoma auritum*	Hydrophyllaceae	Blue fiesta flower
Burns Pinon Ridge	*Phoradendron californicum*	Santalaceae	
Burns Pinon Ridge	*Phoradendron densum*	Santalaceae	
Motte Rimrock	*Phoradendron juniperinum*	Viscaceae	Juniper Mistletoe
James San Jacinto Mountains	*Phoradendron libocedri*	Viscaceae	
Burns Pinon Ridge	*Phoradendron villosum*	Santalaceae	
James San Jacinto Mountains	*Phoradendron villosum*	Viscaceae	
Quail Ridge	*Phoradendron villosum*	Viscaceae	Oak mistletoe
Quail Ridge	*Phyla nodiflora*	Verbenaceae	Common fogfruit
Burns Pinon Ridge	*Physalis crassifolia*	Solanaceae	
Carpinteria Salt Marsh	*Picris echioides*	Asteraceae	Ox Tongue
Carpinteria Salt Marsh	*Piptatherum miliaceum*	Poaceae	Rice or Smilo Grass
Carpinteria Salt Marsh	*Pittosporum undulatum*	Pittosporaceae	Victorian Box
Motte Rimrock	*Plagiobothrys canescens*	Boraginaceae	Valley Popcorn Flower
Fort Ord	*Plagiobothrys chorisianus*	Boraginaceae	Hickman's popcorn flower

Sagehen Creek	*Plagiobothrys cognatus*	Boraginaceae	
Sagehen Creek	*Plagiobothrys cognatus*	Boraginaceae	
Motte Rimrock	*Plagiobothrys collinus*	Boraginaceae	Popcorn Flower
Sagehen Creek	*Plagiobothrys hispidulus*	Boraginaceae	
Fort Ord	*Plagiobothrys nothofulvus*	Boraginaceae	Grasslands popcornflower
Quail Ridge	*Plagiobothrys nothofulvus*	Boraginaceae	Rusty popcorn flower
Quail Ridge	*Plagiobothrys stipitatus*	Boraginaceae	Popcorn flower
Fort Ord	*Plagiobothrys tenellus*	Boraginaceae	Slender popcorn flower
Motte Rimrock	*Plagiobothrys tenellus*	Boraginaceae	Slender Popcorn Flower
Fort Ord	*Plagiobothrys trachycarpus*	Boraginaceae	Rough-fruited popcorn flower
Fort Ord	*Plantago coronopus*	Plantaginaceae	Cut-leaved plantain
Fort Ord	*Plantago erecta*	Plantaginaceae	California plantain
Quail Ridge	*Plantago erecta*	Plantaginaceae	Annual plantain
James San Jacinto Mountains	*Plantago lanceolata*	Plantaginaceae	
Carpinteria Salt Marsh	*Plantago lanceolata*	Plantaginaceae	Ribgrass or English Plantain
Fort Ord	*Platanthera michaelii*	Orchidaceae	Michael's rein-orchid
Fort Ord	*Platanthera sp.*	Orchidaceae	
Sagehen Creek	*Platanthera sparsiflora*	Orchidaceae	
SNARL	*Platanthera sparsiflora*	Orchidaceae	
Motte Rimrock	*Platanus racemosa*	Platanaceae	Western Sycamore
Burns Pinon Ridge	*Platystemon californicus*	Papaveraceae	
Motte Rimrock	*Platystemon californicus*	Papaveraceae	Cream Cups
Quail Ridge	*Plectritis brachystemon*	Valerianaceae	Pale plectritis
Quail Ridge	*Plectritis ciliosa*	Valerianaceae	Longspur seablush
Quail Ridge	*Plectritis macrocera*	Valerianaceae	White plectritis
James San Jacinto Mountains	*Poa annua*	Poaceae	
Quail Ridge	*Poa annua*	Poaceae	Annual bluegrass
Carpinteria Salt Marsh	*Poa annua*	Poaceae	Wintergrass
Sagehen Creek	*Poa bulbosa*	Poaceae	
Sagehen Creek	*Poa compressa*	Poaceae	
Sagehen Creek	*Poa cusickii*	Poaceae	
SNARL	*Poa palustris*	Poaceae	
James San Jacinto Mountains	*Poa pratensis*	Poaceae	
Sagehen Creek	*Poa pratensis*	Poaceae	
Burns Pinon Ridge	*Poa secunda*	Poaceae	
James San Jacinto Mountains	*Poa secunda*	Poaceae	
Quail Ridge	*Poa secunda*	Poaceae	Sandberg bluegrass Many
Sagehen Creek	*Poa secunda*	Poaceae	
Quail Ridge	*Pogogyne serpylloides*	Lamiaceae	Thyme-like
Sagehen Creek	*Polygonum arenastrum*	Polygonaceae	
SNARL	*Polygonum arenastrum*	Polygonaceae	
Carpinteria Salt Marsh	*Polygonum arenastrum*	Polygonaceae	Common Knotweed
Sagehen Creek	*Polygonum douglasii*	Polygonaceae	
SNARL	*Polygonum douglasii*	Polygonaceae	
Sagehen Creek	*Polygonum minimum*	Polygonaceae	
Sagehen Creek	*Polygonum polygaloides*	Polygonaceae	
Carpinteria Salt Marsh	*Polygonum punctatum*	Polygonaceae	Dotted Smartweed
Fort Ord	*Polygonum sp.*	Polygonaceae	
Carpinteria Salt Marsh	*Polypogon interruptus*	Poaceae	Beard Grass
Burns Pinon Ridge	*Polypogon monspeliensis*	Poaceae	
Motte Rimrock	*Polypogon monspeliensis*	Poaceae	Annual Beard Grass
Quail Ridge	*Polypogon monspeliensis*	Poaceae	Beard grass
Carpinteria Salt Marsh	*Polypogon monspeliensis*	Poaceae	Rabbitsfoot Grass
SNARL	*Populus balsamifera*	Salicaceae	
Motte Rimrock	*Populus fremontii*	Salicaceae	Fremont Cottonwood
SNARL	*Populus tremuloides*	Salicaceae	
Burns Pinon Ridge	*Porophyllum gracile*	Asteraceae	
SNARL	*Potamogeton filiformis*	Potamogetonaceae	
Quail Ridge	*Potamogeton pectinatus*	Potamogetonaceae	Fennel-leaf pondweed
Carpinteria Salt Marsh	*Potentilla anserina*	Rosaceae	Pacific Silverweed
SNARL	*Potentilla biennis*	Rosaceae	
James San Jacinto Mountains	*Potentilla glandulosa*	Rosaceae	

Quail Ridge	*Potentilla glandulosa*	Rosaceae	Sticky Cinquefoil Many
Sagehen Creek	*Potentilla glandulosa*	Rosaceae	
SNARL	*Potentilla glandulosa*	Rosaceae	
Sagehen Creek	*Potentilla gracilis*	Rosaceae	
SNARL	*Potentilla gracilis*	Rosaceae	
Burns Pinon Ridge	*Prosopis glandulosa*	Fabaceae	
SNARL	*Prunus andersonii*	Rosaceae	
Quail Ridge	*Prunus dulcis*	Rosaceae	Almond
James San Jacinto Mountains	*Prunus emarginata*	Rosaceae	
Burns Pinon Ridge	*Prunus fasciculata*	Rosaceae	
Burns Pinon Ridge	*Prunus ilicifolia*	Rosaceae	
Motte Rimrock	*Prunus ilicifolia*	Rosaceae	Holly-Leaved Cherry
Quail Ridge	*Prunus persica*	Rosaceae	Peach
Motte Rimrock	*Pseudognaphalium biolettii*	Asteraceae	Bicolored-Leaf Cudweed
Sagehen Creek	*Pseudostellaria jamesiana*	Caryophyllaceae	
Sagehen Creek	*Psilocarphus brevissimus*	Asteraceae	
Quail Ridge	*Psilocarphus tenellus*	Asteraceae	Slender woollyheads
Burns Pinon Ridge	*Psorothamnus arborescens*	Fabaceae	
James San Jacinto Mountains	*Pterospora andromedea*	Ericaceae	
Burns Pinon Ridge	*Pterostegia drymarioides*	Polygonaceae	
Motte Rimrock	*Pterostegia drymarioides*	Polygonaceae	Granny'S Hairnet
Quail Ridge	*Pterostegia drymarioides*	Polygonaceae	Woodland threadstem
Burns Pinon Ridge	*Purshia tridentata*	Rosaceae	
Sagehen Creek	*Purshia tridentata*	Rosaceae	
SNARL	*Purshia tridentata*	Rosaceae	
James San Jacinto Mountains	*Pyrola picta*	Ericaceae	
Fort Ord	*Quercus agrifolia*	Fagaceae	Coast live oak, encina
Quail Ridge	*Quercus berberidifolia*	Fagaceae	Scrub oak
James San Jacinto Mountains	*Quercus chrysolepis*	Fagaceae	
Burns Pinon Ridge	*Quercus cornelius-mulleri*	Fagaceae	
Quail Ridge	*Quercus douglasii*	Fagaceae	Blue oak
Motte Rimrock	*Quercus dumosa*	Fagaceae	Nuttall'S Scrub Oak
James San Jacinto Mountains	*Quercus kelloggii*	Fagaceae	
Quail Ridge	*Quercus kelloggii*	Fagaceae	California Black Oak
Quail Ridge	*Quercus lobata*	Fagaceae	Valley oak
Quail Ridge	*Quercus sp.*	Fagaceae	morehus Oracle Oak
James San Jacinto Mountains	*Quercus wislizeni*	Fagaceae	
Quail Ridge	*Quercus wislizeni*	Fagaceae	Interior live oak
Burns Pinon Ridge	*Rafinesquia californica*	Asteraceae	
Motte Rimrock	*Rafinesquia californica*	Asteraceae	California Chicory
Quail Ridge	*Rafinesquia californica*	Asteraceae	California chicory
Sagehen Creek	*Ranunculus alismifolius*	Ranunculaceae	
James San Jacinto Mountains	*Ranunculus aquatilis*	Ranunculaceae	
Quail Ridge	*Ranunculus aquatilis*	Ranunculaceae	White water-buttercup
SNARL	*Ranunculus aquatilis*	Ranunculaceae	
Fort Ord	*Ranunculus californicus*	Ranunculaceae	California buttercup
Quail Ridge	*Ranunculus hebecarpus*	Ranunculaceae	Downy buttercup
Quail Ridge	*Ranunculus muricatus*	Ranunculaceae	Spiny-fruit buttercup
Quail Ridge	*Ranunculus occidentalis*	Ranunculaceae	Western buttercup
Sagehen Creek	*Ranunculus occidentalis*	Ranunculaceae	
Sagehen Creek	*Ranunculus orthorhynchus*	Ranunculaceae	
James San Jacinto Mountains	*Ranunculus sceleratus*	Ranunculaceae	
Fort Ord	*Raphanus sativus*	Brassicaceae	Wild radish
Carpinteria Salt Marsh	*Raphanus sativus*	Brassicaceae	Wild Radish
Fort Ord	*Rhamnus californica*	Rhamnaceae	California coffeeberry
Quail Ridge	*Rhamnus californica*	Rhamnaceae	Coffeeberry
Motte Rimrock	*Rhamnus crocea*	Rhamnaceae	Spiny Redberry
Burns Pinon Ridge	*Rhamnus ilicifolia*	Rhamnaceae	
Quail Ridge	*Rhamnus ilicifolia*	Rhamnaceae	Holly-leaf redberry
Fort Ord	*Rhamnus tomentella*	Rhamnaceae	Hoary coffeeberry
James San Jacinto Mountains	*Rhamnus tomentella*	Rhamnaceae	
James San Jacinto Mountains	*Rhododendron occidentale*	Ericaceae	

Burns Pinon Ridge	*Rhus trilobata*	Anacardiaceae	
Motte Rimrock	*Rhus trilobata*	Anacardiaceae	Skunkbrush
Quail Ridge	*Rhus trilobata*	Anacardiaceae	Skunkbrush
Carpinteria Salt Marsh	*Ribes amarum*	Saxifragaceae	Bitter Gooseberry
SNARL	*Ribes cereum*	Saxifragaceae	
James San Jacinto Mountains	*Ribes malvaceum*	Saxifragaceae	
Quail Ridge	*Ribes malvaceum*	Saxifragaceae	Chaparral currant
Carpinteria Salt Marsh	*Ribes menziesii*	Saxifragaceae	Bristly or Canyon Gooseberry
James San Jacinto Mountains	*Ribes nevadaense*	Saxifragaceae	
James San Jacinto Mountains	*Ribes roezlii*	Saxifragaceae	
Fort Ord	*Ribes sp.*	Saxifragaceae	
Motte Rimrock	*Ricinus communis*	Euphorbiaceae	Castor Bean
Carpinteria Salt Marsh	*Ricinus communis*	Euphorbiaceae	Castor-Bean
Quail Ridge	*Rigiopappus leptocladus*	Asteraceae	Bristle-head
Sagehen Creek	*Rorippa curvisiliqua*	Brassicaceae	
Carpinteria Salt Marsh	*Rorippa nasturtium-aquaticum*	Brassicaceae	Water Cress or Berros
SNARL	*Rorippa sphaerocarpa*	Brassicaceae	
James San Jacinto Mountains	*Rosa californica*	Rosaceae	
Quail Ridge	*Rosa californica*	Rosaceae	California wild rose
SNARL	*Rosa woodsii*	Rosaceae	
James San Jacinto Mountains	*Rubus parviflorus*	Rosaceae	
Carpinteria Salt Marsh	*Rubus ursinus*	Rosaceae	California Blackberry
Fort Ord	*Rumex acetosella*	Polygonaceae	Sheep sorrel
Sagehen Creek	*Rumex acetosella*	Polygonaceae	
Carpinteria Salt Marsh	*Rumex acetosella*	Polygonaceae	Sheep Sorrel
Carpinteria Salt Marsh	*Rumex conglomeratus*	Polygonaceae	Green or Clustered Dock
Carpinteria Salt Marsh	*Rumex crispus*	Polygonaceae	Curly Dock
Burns Pinon Ridge	*Rumex hymenosepalus*	Polygonaceae	
Carpinteria Salt Marsh	*Rumex obtusifolius*	Polygonaceae	Bitter Dock
SNARL	*Rumex paucifolius*	Polygonaceae	
Motte Rimrock	*Rumex salicifolius*	Polygonaceae	Willow Dock
James San Jacinto Mountains	*Rumex salicifolius*	Polygonaceae	
Sagehen Creek	*Rumex salicifolius*	Polygonaceae	
SNARL	*Rumex salicifolius*	Polygonaceae	
Carpinteria Salt Marsh	*Rumex salicifolius*	Polygonaceae	Willow Dock
Quail Ridge	*Rumex sp.*	Polygonaceae	Dock
Carpinteria Salt Marsh	*Ruppia maritima*	Ruppiaceae	Ditchgrass
Quail Ridge	*Sagina apetala*	Caryophyllaceae	Dwarf pearlwort
James San Jacinto Mountains	*Sagina decumbens*	Caryophyllaceae	
Carpinteria Salt Marsh	*Salicornia virginica*	Chenopodiaceae	Pickleweed
Sagehen Creek	*Salix eastwoodiae*	Salicaceae	
Motte Rimrock	*Salix exigua*	Salicaceae	Narrow-Leaved Willow
SNARL	*Salix exigua*	Salicaceae	
Carpinteria Salt Marsh	*Salix exigua*	Salicaceae	Narrowleaf or Sandbar Willow
Burns Pinon Ridge	*Salix laevigata*	Salicaceae	
Motte Rimrock	*Salix laevigata*	Salicaceae	Red Willow
Carpinteria Salt Marsh	*Salix laevigata*	Salicaceae	Red Willow
James San Jacinto Mountains	*Salix lasiolepis*	Salicaceae	
Motte Rimrock	*Salix lasiolepis*	Salicaceae	Arroyo Willow
Carpinteria Salt Marsh	*Salix lasiolepis*	Salicaceae	Arroyo Willow
Sagehen Creek	*Salix lemmonii*	Salicaceae	
Carpinteria Salt Marsh	*Salix lucida*	Salicaceae	Shining Willow
James San Jacinto Mountains	*Salix lutea*	Salicaceae	
SNARL	*Salix lutea*	Salicaceae	
Burns Pinon Ridge	*Salsola tragus*	Amaranthaceae	
SNARL	*Salsola tragus*	Chenopodiaceae	
Carpinteria Salt Marsh	*Salsola tragus*	Chenopodiaceae	Russian Thistle, Tumbleweed
Motte Rimrock	*Salvia apiana*	Lamiaceae	White Sage
Burns Pinon Ridge	*Salvia columbariae*	Lamiaceae	
Motte Rimrock	*Salvia columbariae*	Lamiaceae	Chia
Quail Ridge	*Salvia columbariae*	Lamiaceae	Chia
Burns Pinon Ridge	*Salvia dorrii*	Lamiaceae	

Fort Ord	*Salvia mellifera*	Lamiaceae	Black sage
Motte Rimrock	*Salvia mellifera*	Lamiaceae	Black Sage
Burns Pinon Ridge	*Salvia mohavensis*	Lamiaceae	
Motte Rimrock	*Sambucus mexicana*	Caprifoliaceae	Blue Elderberry
Quail Ridge	*Sambucus mexicana*	Caprifoliaceae	Blue elderberry
Carpinteria Salt Marsh	*Sambucus mexicana*	Caprifoliaceae	Blue Elderberry
Sagehen Creek	*Sanguisorba occidentalis*	Rosaceae	
Fort Ord	*Sanicula arctopoides*	Apiaceae	Footsteps of spring
Quail Ridge	*Sanicula bipinnata*	Apiaceae	Poison sanicle
Quail Ridge	*Sanicula bipinnatifida*	Apiaceae	Purple sanicle
Fort Ord	*Sanicula crassicaulis*	Apiaceae	Gambleweed, Pacific sanicle
Quail Ridge	*Sanicula crassicaulis*	Apiaceae	Gamble weed
Quail Ridge	*Sanicula tuberosa*	Apiaceae	Turkey pea
James San Jacinto Mountains	*Sarcodes sanguinea*	Ericaceae	
Motte Rimrock	*Sarcostemma cynanchoides*	Asclepiadaceae	Climbing Milkweed
Fort Ord	*Satureja douglasii*	Lamiaceae	Yerba buena
Quail Ridge	*Saxifraga californica*	Saxifragaceae	California saxifrage
Sagehen Creek	*Saxifraga oregana*	Saxifragaceae	
Quail Ridge	*Scandix pecten-veneris*	Apiaceae	Shepherd's Needle
Motte Rimrock	*Schinus molle*	Anacardiaceae	Peruvian Pepper Tree
Burns Pinon Ridge	*Schismus barbatus*	Poaceae	
Motte Rimrock	*Schismus barbatus*	Poaceae	Schismus Grass
Carpinteria Salt Marsh	*Schoenoplectus americanus*	Cyperaceae	Winged Three-square
Carpinteria Salt Marsh	*Schoenoplectus pungens*	Cyperaceae	Three-square
Carpinteria Salt Marsh	*Scirpus californicus*	Cyperaceae	California Bulrush
Carpinteria Salt Marsh	*Scirpus maritimus*	Cyperaceae	Prairie Bulrush
Carpinteria Salt Marsh	*Scirpus microcarpus*	Cyperaceae	Small-fruited Bulrush
Fort Ord	*Scrophularia californica*	Scrophulariaceae	Bee plant
James San Jacinto Mountains	*Scrophularia californica*	Scrophulariaceae	
Quail Ridge	*Scrophularia californica*	Saxifragaceae	California figwort
Carpinteria Salt Marsh	*Scrophularia californica*	Scrophulariaceae	California Figwort
Quail Ridge	*Scutellaria californica*	Lamiaceae	California Skullcap
Burns Pinon Ridge	*Scutellaria mexicana*	Lamiaceae	
James San Jacinto Mountains	*Scutellaria siphocampyloides*	Lamiaceae	
Quail Ridge	*Scutellaria tuberosa*	Lamiaceae	Skullcap
Burns Pinon Ridge	*Senecio flaccidus*	Asteraceae	
SNARL	*Senecio hydrophilus*	Asteraceae	
Fort Ord	*Senecio vulgaris*	Asteraceae	Common groundsel
Quail Ridge	*Senecio vulgaris*	Asteraceae	Annual groundsel
Carpinteria Salt Marsh	*Senecio vulgaris*	Asteraceae	Common Groundsel
Carpinteria Salt Marsh	*Setaria parviflora*	Poaceae	Foxtail
Carpinteria Salt Marsh	*Setaria pumila*	Poaceae	Yellow Foxtail
Quail Ridge	*Sidalcea diploscypha*	Malvaceae	Fringed sidalcea
Sagehen Creek	*Sidalcea oregana*	Malvaceae	
Quail Ridge	*Silene antirrhina*	Caryophyllaceae	Sleepy silene
Fort Ord	*Silene gallica*	Caryophyllaceae	Windmill pink
Quail Ridge	*Silene gallica*	Caryophyllaceae	Common catchfly
Carpinteria Salt Marsh	*Silene gallica*	Caryophyllaceae	Common Catchfly
James San Jacinto Mountains	*Silene verecunda*	Caryophyllaceae	
SNARL	*Silene vulgaris*	Caryophyllaceae	
Carpinteria Salt Marsh	*Silybum marianum*	Asteraceae	Milk Thistle
Burns Pinon Ridge	*Simmondsia chinensis*	Simmondsiaceae	
James San Jacinto Mountains	*Sisymbrium altissimum*	Brassicaceae	
Motte Rimrock	*Sisymbrium altissimum*	Brassicaceae	Tumble Mustard
SNARL	*Sisymbrium altissimum*	Brassicaceae	
Burns Pinon Ridge	*Sisymbrium irio*	Brassicaceae	
Motte Rimrock	*Sisymbrium irio*	Brassicaceae	London Rocket
Carpinteria Salt Marsh	*Sisymbrium irio*	Brassicaceae	London Rocket
Motte Rimrock	*Sisymbrium orientale*	Brassicaceae	Hare'S Ear Cabbage
Carpinteria Salt Marsh	*Sisymbrium orientale*	Brassicaceae	Oriental Sisymbrium
James San Jacinto Mountains	*Sisyrinchium bellum*	Iridaceae	
Quail Ridge	*Sisyrinchium bellum*	Iridaceae	Blue-eyed grass

SNARL	*Sisyrinchium halophilum*	Iridaceae	
James San Jacinto Mountains	*Sitanion elymoides*	Poaceae	
SNARL	*Smilacina stellata*	Liliaceae	
Carpinteria Salt Marsh	*Solanum americanum*	Solanaceae	Small-flowered Nightshade
Motte Rimrock	*Solanum douglasii*	Solanaceae	Douglas'S Nightshade
Carpinteria Salt Marsh	*Solanum douglasii*	Solanaceae	Douglas' Nightshade
Carpinteria Salt Marsh	*Solanum nigrum*	Solanaceae	Black Nightshade
Quail Ridge	*Solanum parishii*	Solanaceae	Parish's purple nightshade
Fort Ord	*Solanum sp.*	Solanaceae	
Motte Rimrock	*Solanum xanti*	Solanaceae	Purple Nightshade
Quail Ridge	*Solanum xanti*	Solanaceae	Purple nightshade
Carpinteria Salt Marsh	*Solanum xanti*	Solanaceae	Purple Nightshade
James San Jacinto Mountains	*Solidago californica*	Asteraceae	
Carpinteria Salt Marsh	*Solidago californica*	Asteraceae	California Goldenrod
SNARL	*Solidago canadensis*	Asteraceae	
Carpinteria Salt Marsh	*Solidago confinis*	Asteraceae	Southern Goldenrod
Sagehen Creek	*Solidago spectabilis*	Asteraceae	
Fort Ord	*Sonchus asper*	Asteraceae	Prickly sow thistle
Motte Rimrock	*Sonchus asper*	Asteraceae	Prickly Sow Thistle
Quail Ridge	*Sonchus asper*	Asteraceae	Prickly sowthistle
Carpinteria Salt Marsh	*Sonchus asper*	Asteraceae	Prickly Sow-Thistle
Fort Ord	*Sonchus oleraceus*	Asteraceae	Common sow thistle
Quail Ridge	*Sonchus oleraceus*	Asteraceae	Common sowthistle
Carpinteria Salt Marsh	*Sonchus oleraceus*	Asteraceae	Common Sow-Thistle
Burns Pinon Ridge	*Sorghum bicolor*	Poaceae	
Carpinteria Salt Marsh	*Sorghum bicolor*	Poaceae	Sorghum, Sudan Grass
Carpinteria Salt Marsh	*Spergularia bocconei*	Caryophyllaceae	Boccone's Sand-Spurry
Carpinteria Salt Marsh	*Spergularia macrotheca*	Caryophyllaceae	Large-flowered Sand- Spurry
Carpinteria Salt Marsh	*Spergularia marina*	Caryophyllaceae	Salt Marsh Sand-spurry
James San Jacinto Mountains	*Spergularia rubra*	Caryophyllaceae	
Burns Pinon Ridge	*Sphaeralcea ambigua*	Malvaceae	
SNARL	*Sphenosciadium capitellatum*	Apiaceae	
Sagehen Creek	*Spiranthes romanzoffiana*	Orchidaceae	
Quail Ridge	*Stachys ajugoides*	Lamiaceae	Hedge nettle
Sagehen Creek	*Stachys ajugoides*	Lamiaceae	
Carpinteria Salt Marsh	*Stachys ajugoides*	Lamiaceae	Rigid Hedge Nettle
Motte Rimrock	*Stachys albens*	Lamiaceae	Whitestem Hedge Nettle
Fort Ord	*Stachys bullata*	Lamiaceae	Wood mint, hedge-nettle
Carpinteria Salt Marsh	*Stachys bullata*	Lamiaceae	Wood Mint or California Hedge Nettle
James San Jacinto Mountains	*Stachys rigida*	Lamiaceae	
Motte Rimrock	*Stachys rigida*	Lamiaceae	Rigid Hedge Nettle
Sagehen Creek	*Stellaria calycantha*	Caryophyllaceae	
Sagehen Creek	*Stellaria longipes*	Caryophyllaceae	
SNARL	*Stellaria longipes*	Caryophyllaceae	
Fort Ord	*Stellaria media*	Caryophyllaceae	Common chickweed
Quail Ridge	*Stellaria media*	Caryophyllaceae	Common chickweed
Carpinteria Salt Marsh	*Stellaria media*	Caryophyllaceae	Common Chickweed
Fort Ord	*Stephanomeria elata*	Asteraceae	
Burns Pinon Ridge	*Stephanomeria exigua*	Asteraceae	
Motte Rimrock	*Stephanomeria exigua*	Asteraceae	Small Stephanomeria
Carpinteria Salt Marsh	*Stephanomeria exigua*	Asteraceae	Small Stephanomeria
Burns Pinon Ridge	*Stephanomeria pauciflora*	Asteraceae	
SNARL	*Stephanomeria pauciflora*	Asteraceae	
SNARL	*Stephanomeria spinosa*	Asteraceae	
James San Jacinto Mountains	*Stephanomeria virgata*	Asteraceae	
Motte Rimrock	*Stephanomeria virgata*	Asteraceae	Twiggy Wreath Plant
Quail Ridge	*Stephanomeria virgata*	Asteraceae	Twiggy wreath plant
Burns Pinon Ridge	*Stillingia linearifolia*	Euphorbiaceae	
Motte Rimrock	*Stillingia linearifolia*	Euphorbiaceae	Linear-Leaf Stillingia
SNARL	*Stipa comata*	Poaceae	
James San Jacinto Mountains	*Streptanthus bernardinus*	Brassicaceae	
Motte Rimrock	*Stylocline gnaphaloides*	Asteraceae	Everlasting Nest Straw

Burns Pinon Ridge	*Stylocline psilocarphoides*	Asteraceae	
Carpinteria Salt Marsh	*Suaeda calceoliformis*	Chenopodiaceae	Sea-blite or Seep-weed
Carpinteria Salt Marsh	*Suaeda taxifolia*	Chenopodiaceae	Wooly Sea-blite
James San Jacinto Mountains	*Swertia parryi*	Gentianaceae	
Quail Ridge	*Symphoricarpos albus*	Caprifoliaceae	Common snowberry
Quail Ridge	*Symphoricarpos mollis*	Caprifoliaceae	Trailing snowberry
SNARL	*Symphoricarpos rotundifolius*	Caprifoliaceae	
Burns Pinon Ridge	*Syntrichopappus fremontii*	Asteraceae	
Quail Ridge	*Taeniatherum caput-medusae*	Poaceae	Medusahead
Motte Rimrock	*Tamarix ramosissima*	Tamaricaceae	Branching Tamarisk
Sagehen Creek	*Taraxacum officinale*	Asteraceae	
SNARL	*Taraxacum officinale*	Asteraceae	
James San Jacinto Mountains	*Tauschia parishii*	Apiaceae	
SNARL	*Tetradymia canescens*	Asteraceae	
Motte Rimrock	*Tetradymia comosa*	Asteraceae	Cotton-Thorn
Carpinteria Salt Marsh	*Tetragonia tetragonioides*	Aizoaceae	New Zealand Spinach
James San Jacinto Mountains	*Thalictrum fendleri*	Ranunculaceae	
SNARL	*Thalictrum fendleri*	Ranunculaceae	
Sagehen Creek	*Thelypodium crispum*	Brassicaceae	
Burns Pinon Ridge	*Thysanocarpus curvipes*	Brassicaceae	
Fort Ord	*Thysanocarpus curvipes*	Brassicaceae	Hairy fringe pod
Quail Ridge	*Thysanocarpus curvipes*	Brassicaceae	Lace pod
Burns Pinon Ridge	*Thysanocarpus laciniatus*	Brassicaceae	
SNARL	*Tiquilia nuttallii*	Boraginaceae	
Quail Ridge	*Torilis arvensis*	Apiaceae	Spreading hedge parsley
Quail Ridge	*Torilis nodosa*	Apiaceae	Hedge parsley
Fort Ord	*Toxicodendron diversilobum*	Anacardiaceae	Poison Oak
James San Jacinto Mountains	*Toxicodendron diversilobum*	Anacardiaceae	
Motte Rimrock	*Toxicodendron diversilobum*	Anacardiaceae	Western Poison Oak
Quail Ridge	*Toxicodendron diversilobum*	Anacardiaceae	Poison oak Many
Carpinteria Salt Marsh	*Toxicodendron diversilobum*	Anacardiaceae	Poison Oak
SNARL	*Tragopogon dubius*	Asteraceae	
James San Jacinto Mountains	*Tragopogon porrifolius*	Asteraceae	
Carpinteria Salt Marsh	*Tragopogon porrifolius*	Asteraceae	Salsify or Oyster Plant
Sagehen Creek	*Tragopogon sp.*	Asteraceae	
Burns Pinon Ridge	*Tribulus terrestris*	Zygophyllaceae	
SNARL	*Tribulus terrestris*	Zygophyllaceae	
James San Jacinto Mountains	*Trichostema austromontanum*	Lamiaceae	
James San Jacinto Mountains	*Trichostema lanatum*	Lamiaceae	
Motte Rimrock	*Trichostema lanceolatum*	Lamiaceae	Vinegar Weed
Fort Ord	*Trifolium angustifolium*	Euphorbiaceae	Narrow-leaved clover
Quail Ridge	*Trifolium bifidum*	Fabaceae	Deceptive clover
Carpinteria Salt Marsh	*Trifolium ciliolatum*	Fabaceae	Tree Clover
James San Jacinto Mountains	*Trifolium cyathiferum*	Fabaceae	
Sagehen Creek	*Trifolium cyathiferum*	Fabaceae	
Quail Ridge	*Trifolium depauperatum*	Fabaceae	Involucrate Balloon Clover
Quail Ridge	*Trifolium dubium*	Fabaceae	Little hop clover, Shamrock
Quail Ridge	*Trifolium glomeratum*	Fabaceae	Clustered clover
Quail Ridge	*Trifolium hirtum*	Fabaceae	Rose clover
Sagehen Creek	*Trifolium longipes*	Fabaceae	
SNARL	*Trifolium longipes*	Fabaceae	
James San Jacinto Mountains	*Trifolium microcephalum*	Fabaceae	
Quail Ridge	*Trifolium microcephalum*	Fabaceae	Small-headed clover
Sagehen Creek	*Trifolium microcephalum*	Fabaceae	
Quail Ridge	*Trifolium microdon*	Fabaceae	Thimble clover
James San Jacinto Mountains	*Trifolium obtusiflorum*	Fabaceae	
Motte Rimrock	*Trifolium obtusiflorum*	Fabaceae	Clover
Quail Ridge	*Trifolium oliganthum*	Fabaceae	Few-flowered clover
Fort Ord	*Trifolium sp.*	Fabaceae	Tomcat clover
Quail Ridge	*Trifolium subterraneum*	Fabaceae	Subterranean clover
Sagehen Creek	*Trifolium variegatum*	Fabaceae	
Quail Ridge	*Trifolium willdenovii*	Fabaceae	Tomcat clover

Sagehen Creek	*Trifolium wormskioldii*	Fabaceae	
SNARL	*Trifolium wormskioldii*	Fabaceae	
Carpinteria Salt Marsh	*Triglochin concinna*	Juncaginaceae	Seaside Arrow-grass
Carpinteria Salt Marsh	*Triglochin striata*	Juncaginaceae	Three-ribbed Arrow-grass
SNARL	*Trimorpha lonchophylla*	Asteraceae	
James San Jacinto Mountains	*Triodanis biflora*	Campanulaceae	
Quail Ridge	*Triphysaria pusilla*	Scrophulariaceae	Dwarf owl's clover
Sagehen Creek	*Triteleia hyacinthina*	Liliaceae	
Quail Ridge	*Triteleia laxa*	Liliaceae	Ithuriel's spear
Burns Pinon Ridge	*Triticum aestivum*	Poaceae	
Carpinteria Salt Marsh	*Tropaeolum majus*	Tropaeolaceae	Garden Nasturtium
Motte Rimrock	*Tropidocarpum gracile*	Brassicaceae	Slender Dobie-Pod
Motte Rimrock	*Typha domingensis*	Typhaceae	Southern Cattail
Carpinteria Salt Marsh	*Typha domingensis*	Typhaceae	Southern Cattail
James San Jacinto Mountains	*Typha latifolia*	Typhaceae	
Motte Rimrock	*Typha latifolia*	Typhaceae	Broad-Leaved Cattail
Carpinteria Salt Marsh	*Typha latifolia*	Typhaceae	Broadleaf Cattail
Quail Ridge	*Typha sp.*	Typhaceae	Cattail
James San Jacinto Mountains	*Umbellularia californica*	Lauraceae	
Quail Ridge	*Umbellularia californica*	Lauraceae	California bay or laurel
Fort Ord	*Uropappus lindleyi*	Asteraceae	Lindley's microseris, silver puffs
Motte Rimrock	*Uropappus lindleyi*	Asteraceae	Silver Puffs
Quail Ridge	*Uropappus lindleyi*	Asteraceae	Silver puffs
James San Jacinto Mountains	*Urtica dioica*	Urticaceae	
Motte Rimrock	*Urtica dioica*	Urticaceae	Creek Nettle
Carpinteria Salt Marsh	*Urtica dioica*	Urticaceae	Hoary Nettle
Fort Ord	*Urtica sp.*	Urticaceae	
Carpinteria Salt Marsh	*Urtica urens*	Urticaceae	Dwarf Nettle
SNARL	*Utricularia minor*	Lentibulariaceae	
Carpinteria Salt Marsh	*Venegasia carpesioides*	Asteraceae	Canyon Sunflower
Sagehen Creek	*Veratrum californicum*	Liliaceae	
James San Jacinto Mountains	*Verbascum thapsus*	Scrophulariaceae	
SNARL	*Verbascum thapsus*	Scrophulariaceae	
Carpinteria Salt Marsh	*Verbena lasiostachys*	Verbenaceae	Western Verbena
Sagehen Creek	*Veronica americana*	Scrophulariaceae	
Carpinteria Salt Marsh	*Veronica anagallis-aquatica*	Scrophulariaceae	Great Water Speedwell
Quail Ridge	*Veronica peregrina*	Scrophulariaceae	Hairy purslane speedwell
Sagehen Creek	*Veronica peregrina*	Scrophulariaceae	
Quail Ridge	*Veronica persica*	Scrophulariaceae	Persian speedwell
SNARL	*Vicia americana*	Fabaceae	
Quail Ridge	*Vicia lutea*	Fabaceae	Yellow vetch
Quail Ridge	*Vicia sativa*	Fabaceae	Garden vetch
Carpinteria Salt Marsh	*Vicia sativa*	Fabaceae	Common Vetch
Fort Ord	*Vicia sp.*	Fabaceae	
Quail Ridge	*Vicia villosa*	Fabaceae	Winter vetch, Hairy vetch
Sagehen Creek	*Vicia villosa*	Fabaceae	
Burns Pinon Ridge	*Viguiera parishii*	Asteraceae	
Carpinteria Salt Marsh	*Vinca major*	Apocynaceae	Periwinkle
SNARL	*Viola adunca*	Violaceae	
Sagehen Creek	*Viola beckwithii*	Violaceae	
Sagehen Creek	*Viola macloskeyi*	Violaceae	
Sagehen Creek	*Viola praemorsa*	Violaceae	
James San Jacinto Mountains	*Viola purpurea*	Violaceae	
Sagehen Creek	*Viola purpurea*	Violaceae	
SNARL	*Viola purpurea*	Violaceae	
Quail Ridge	*Vitis californica*	Vitaceae	California wild grape
Fort Ord	*Vulpia bromoides*	Poaceae	
Carpinteria Salt Marsh	*Vulpia bromoides*	Poaceae	Foxtail Fescue
Burns Pinon Ridge	*Vulpia microstachys*	Poaceae	
Fort Ord	*Vulpia microstachys*	Poaceae	Pacific fescue
James San Jacinto Mountains	*Vulpia microstachys*	Poaceae	
Quail Ridge	*Vulpia microstachys*	Poaceae	Zorro annual fescue

Quail Ridge	*Vulpia microstachys*	Poaceae	Foxtail fescue
Quail Ridge	*Vulpia microstachys*	Poaceae	Eastwood's fescue
Fort Ord	*Vulpia myuros*	Poaceae	Foxtail fescue
Motte Rimrock	*Vulpia myuros*	Poaceae	Foxtail Fescue
Quail Ridge	*Vulpia myuros*	Poaceae	Rat's-tail fescue
Motte Rimrock	*Vulpia octoflora*	Poaceae	Six-Weeks Fescue
Quail Ridge	*Wyethia helenioides*	Asteraceae	Foothill mule-ears
Carpinteria Salt Marsh	*Xanthium spinosum*	Asteraceae	Spiny Cocklebur or Spanish Thistle
Carpinteria Salt Marsh	*Xanthium strumarium*	Asteraceae	Cocklebur
Quail Ridge	*Yabea microcarpa*	Apiaceae	California hedge-parsley
Burns Pinon Ridge	*Yucca brevifolia*	Agavaceae	
Carpinteria Salt Marsh	*Yucca gloriosa*	Liliaceae	Spanish Dagger
Burns Pinon Ridge	*Yucca schidigera*	Agavaceae	
James San Jacinto Mountains	*Yucca whipplei*	Liliaceae	
Motte Rimrock	*Yucca whipplei*	Agavaceae	Our Lord'S Candle
Quail Ridge	*Zigadenus fremontii*	Liliaceae	Fremont's star-lily
Quail Ridge	*Zigadenus micranthus*	Liliaceae	Marsh zigadene
SNARL	*Zigadenus paniculatus*	Liliaceae	

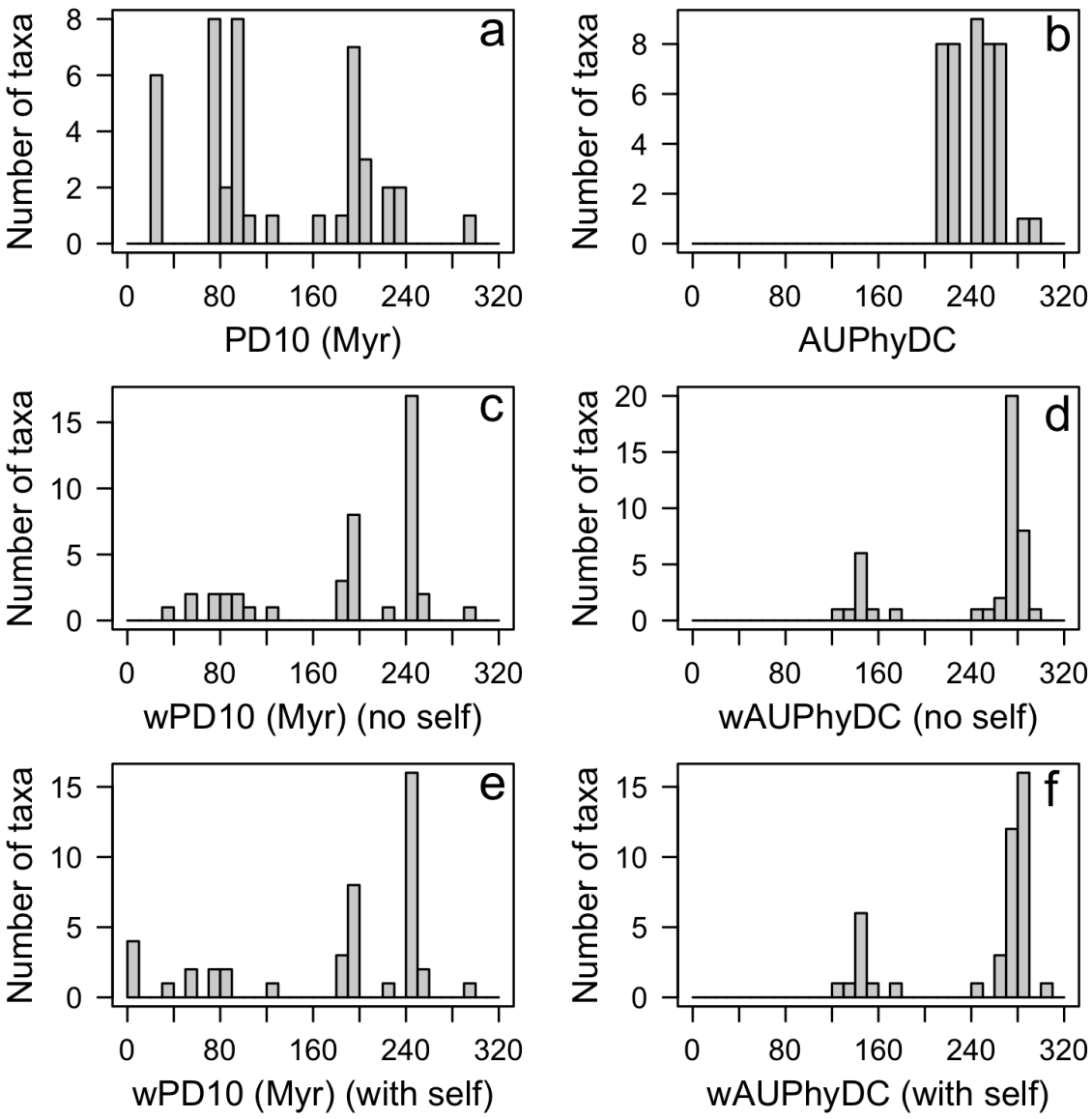


Figure S1. Comparison of unweighted and weighted PD10 and AUPhyDC metrics, with an example from the UCSC Meadow community. Distributions of metrics calculated for each the 43 angiosperm focal taxa as given in Figure 1. (**a**) Unweighted PD10 values, redrawn from Figure 4b. (**b**) Unweighted AUPhyDC values, redrawn from Fig 4d. (**c**) Weighted PD10 values, excluding abundance of focal species. (**d**) Weighted AUPhyDC values, excluding abundance of focal species. (**e**) Weighted PD10 values, including abundance of focal species. Note the particular effect at 0 Myr of the four species in the community with relative abundance greater than 10%. (**f**) Weighted AUPhyDC values, including abundance of focal species. Phylogenetic distances were weighted by relativized percent cover estimates of each species in the UCSC meadow, as described in the text and File S1.

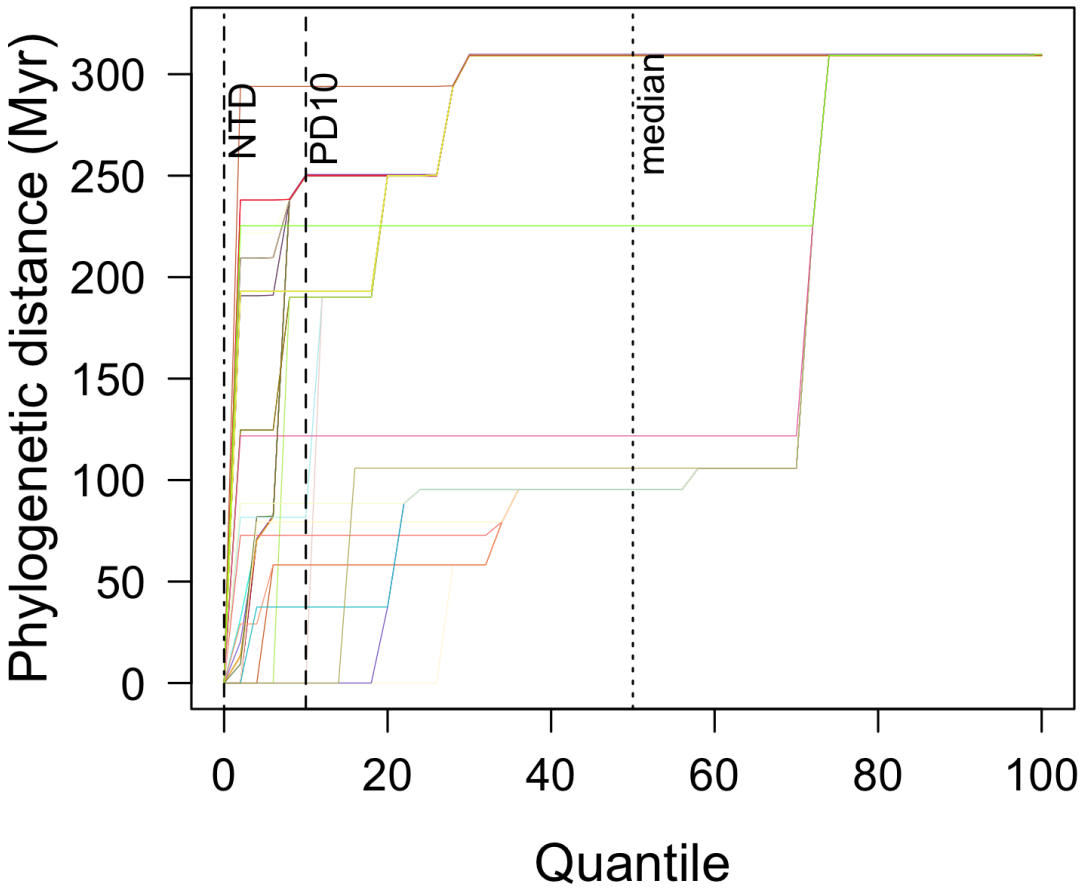


Figure S2. Cumulative abundance-weighted phylogenetic distance curves from the UCSC Meadow community. Phylogenetic distances from each of the 43 angiosperm focal taxa to every other species in the meadow community are based on the phylogenetic tree in Figure 1. Figure is comparable to examples given in Figure 3, except that here the phylogenetic distances are weighted by relative abundance of the species (with self). Vertical dashed lines indicate the thresholds for weighted nearest taxon distance (NTD), the 10th quantile (PD10), the 50th quantile (median). As indicated in Figure 3 and S4e Figure, the PD10 provides a greater range of differentiation among phylogenetic relationships of focal species to their neighbors than do nearest or median measures, including when weighted by abundance.

Table S2. Pearson correlation coefficients among PD10 and Evolutionary Distinctiveness metrics. Correlations among three metrics calculated for each focal species in the nine plant assemblages as given in Figure 2. Metrics are PD10 (this paper), ED-equal splits (51), and ED-fair proportions (52); the latter two calculated using the evol.distinct function in the R Picante package. All correlations had p-values << 0.0001.

Plant Assemblage	PD10_EDfp	PD10_EDes	EDfp_EDes
Burns Pinon Ridge	0.6233	0.6368	0.9421
Carpinteria Salt Marsh	0.6004	0.6197	0.9482
Fort Ord	0.4844	0.5089	0.9591
James San Jacinto Mountains	0.4611	0.4684	0.9569
Motte Rimrock	0.5814	0.5931	0.9644
Quail Ridge	0.4884	0.5135	0.9486
Sagehen Creek	0.6420	0.6174	0.9663
SNARL	0.5309	0.5563	0.9469
UCSC Meadow	0.9076	0.8733	0.9802