

4.



Rose

Spiny Leaf Gall Wasp
Diplolepis polita



Gooseberry

Currant Leaf Gall Mite
Eriophyes breakleyi



Cottonwood

Poplar Petiole Gall Aphid
Pemphigus populitransversus or Aphid??



CA Sagebrush

Sagebrush Woolly Stem
Gall Midge
Rhopalomyia floccosa



Gall Wasp
Diplolepis rosaefolii



Ferns

Fern Leaf Curl Fungus
Taphrina californica

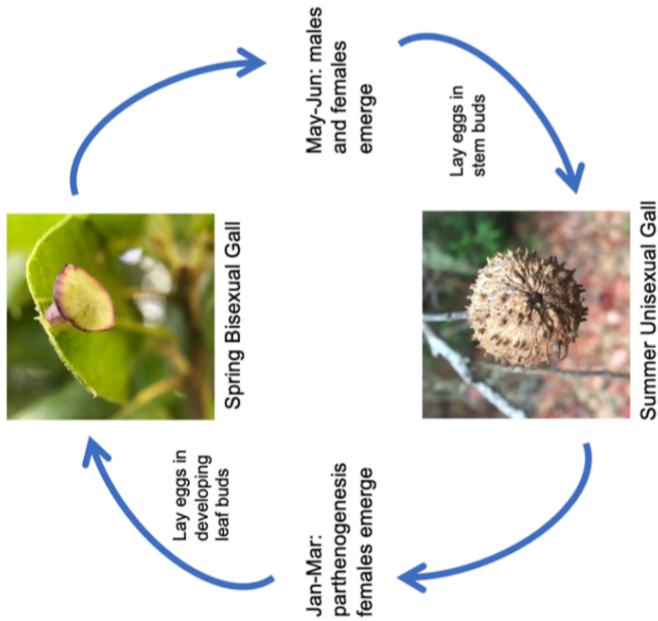


Gall Midge



California Sagebrush Gall Mite
Aceria paracalifornica

5.



Live Oak Apple Gall Wasp (*Callirhytis quercuspomiformis*)

* key: host plant in Green; type of organism: Black - gall wasps, Yellow - sawflies, Green - gall midge, Blue - moth, Light blue - aphids, Red - mites, Orange - rusts.

Names following www.inaturalist.org.
More information: http://joycegross.com/galls_ca_oak.php
For future event: BioBlitzCA@gmail.com

Bay Area Spring Galls



Merav Vonshak



Live Oak Apple Gall Wasp
(*Callirhytis quercuspomiformis*)

a.



1. Black Oaks

Live Oak Apple Gall Wasp (*Callirhytis quercuspomiformis*)
Spring Bisexual Gall (L); Summer Unisexual Gall (R)



2.

Live Oak Petiole Gall Wasp
Callirhytis flora



3.

Kernel Flower Gall Wasp (*Callirhytis serricornis*)
Spring Bisexual Gall (L); Summer Unisexual Gall (R)



Two-horned Gall Wasp
Dryocosmus dubiosus

c.



Mottled Acorn Gall Wasp
Callirhytis carmelensis



Live Oak Bud Gall Wasp
C. quercusagrifoliae



Pumpkin Gall Wasp
Dryocosmus minusculus



California Gall Wasp
A. quercuscalifornicus

d.



Sausage Flower Gall Wasp
Callirhytis congregata



Gouty Stem Gall Wasp
Callirhytis quercussuttoni



California Gall Wasp
A. quercuscalifornicus



White Sage Leaf Gall Midge
Rhopalomyia audibertiae

e.



Coyote Brush

CB Bud Gall Midge
Rhopalomyia californica
Gnorimoschema baccharisella



Coyote Brush Rust
Puccinia evadens



Willow Stem Gall Sawfly
Euura sp.



Poison Oak

Poison Ivy Leaf Mite
Aculops rhois

f.



Coyote Brush Stem Gall Moth
Gnorimoschema baccharisella



Willow

Willow Apple Gall Sawfly
Pontania californica



Willow Gall Mite
Aculops tetanothrix



Manzanita

Manzanita Leafgall Aphid
Tamalia coweni