

4.



Rose

Spiny Leaf Gall Wasp
Diplolepis polita

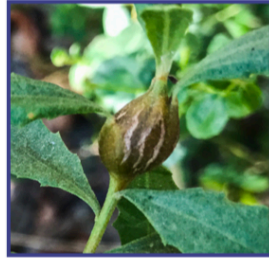


Gall Wasp
Diplolepis rosaeifolii



Coyote Brush

CB Bud Gall Midge
Rhopalomyia californica



Coyote Brush Stem Gall Moth
Gnorimoschema baccharisella



Coyote Brush Rust
Puccinia evadens



Willow

Willow Apple Gall Sawfly
Pontania californica



Willow Gall Mite
Aculops tetanothrix



Poison Ivy Leaf Mite
Aculops rhois

5.



Cottonwood

Poplar Petiole Gall Aphid
Pemphigus populitransversus or Aphid???



Gall Midge
Pemphigus populitransversus or Aphid???



Coffeeberry

Midrib Gall Moth
Sorhagenia nimbose



CA Sagebrush

Sagebrush Woolly Stem
Gall Midge
Rhopalomyia floccosa



Manzanita

Manzanita Leafgall Aphid
Tamalia coweri

* 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 Common Galls



Merav Vonshak



Spiny Leaf Gall Wasp
Diplolepis polita

1.

a.



Live Oak Apple Gall Wasp
Callirhytis quercuspomiformis

b.



Live Oak Bud Gall Wasp
C. quercusagrifoliae

c.



Pumpkin Gall Wasp
Dryocosmus minusculus



Ball Gall Wasp
Callirhytis perfoveata



Spined Turban G. W.
Cynips douglasii



Urchin Gall Wasp
Antron quercusechinus



Red Cone Gall Wasp
Andricus kingi



Yellow Wig Gall Wasp
Andricus fullawayi

2.



Convoluted Gall Wasp
Andricus confertus



Disc Gall Wasp
Andricus parmula



Leafy Bad Gall Wasp
Andricus wiltzae



Club Gall Wasp
Atrusca clavuloides



Round Gall Wasp
Besbicus conspicuus



Honey Dew Gall Wasp
Disholcaspis eldoradensis



California Gall Wasp
A. quercuscalifornicus



Leaf Gall Wasp
Undescribed Cynipid

3.



Striped Volcano Gall Wasp
Andricus atrimentus



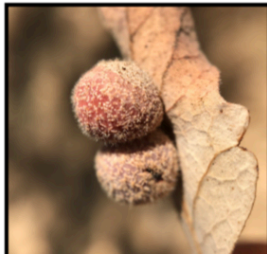
Plate Gall Wasp
Andricus pattersonae



Clasping Twig Gall Wasp
Disholcaspis prehensa



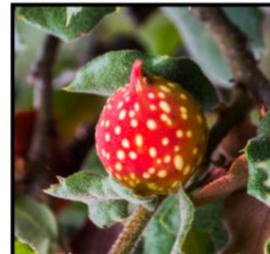
Muffin Gall Wasp
Disholcaspis chrysolepidis



Gray Midrib Gall Wasp
Cynips multipunctatus



Saucer Gall Wasp
Andricus gigas



Beaked Twig Gall Wasp
Disholcaspis plumbella



Mushroom Gall Wasp
Heteroecus sanctaclarae

Black Oaks

White Oaks

Leather/ Scrub Oak

Intermediate Oaks