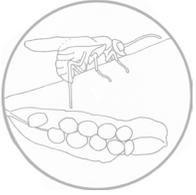


Our Arroyo Ecosystem

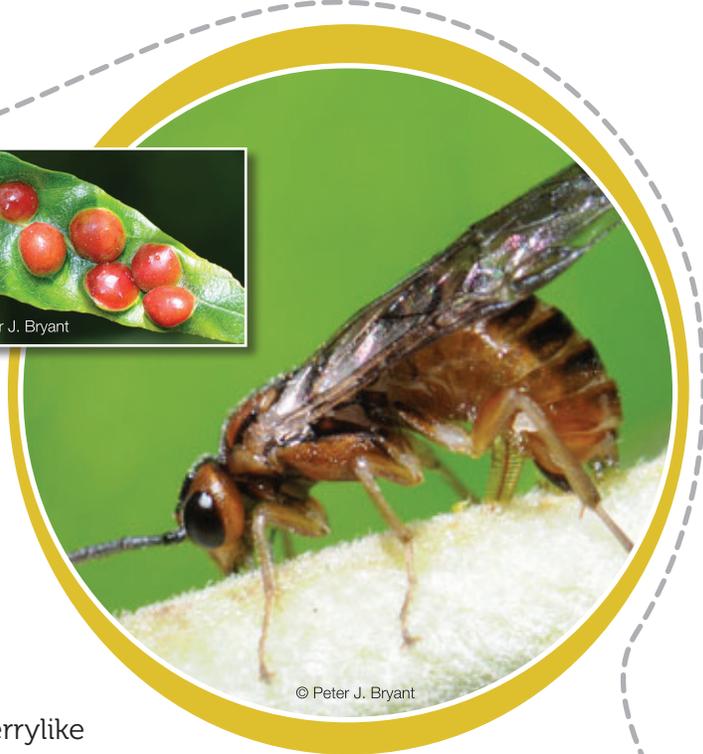


Willow Leaf Gall Sawfly *Pontania pacifica*

"The willow leaf gall sawfly is one of several similar species that cause nearly identical damage on willow throughout the United States. Adult males are shiny black; females are dull reddish.

"Willow leaf gall sawflies apparently do not harm plants. Female sawflies insert their eggs in young willow leaves and inject a fluid that causes the formation of reddish, berrylike galls. One larva develops in each of these galls, which are globular or elongate and about 0.33 inch long.

"No controls are recommended or known for the willow leaf gall sawfly. The larvae of several wasps, and at least one weevil and moth, feed on the sawfly larvae or on the gall tissue, causing the sawflies to die. A wasp, *Eurytoma* sp., appears especially important in controlling willow leaf gall sawfly populations in California."



Excerpted from the UC Statewide Integrated Pest Management Program
<http://www.ipm.ucdavis.edu/PMG/GARDEN/PLANTS/INVERT/willowgallsaw.html>

Here's a fascinating article about what goes on inside of a plant gall:

"Inducers, Parasitoids, and Inquilines: Life Inside the Plant Gall,"

Peter Bryant, *Fremontia*, Vol. 41, No. 3, September 2013