

# Bug Safari



## BUGS 101

INSECT-HUMAN INTERACTIONS

Interested in learning more about insects? Try out the U of A's Bugs 101 on Coursera.org. This free online entomology course will introduce you to the insect world using videos animations and activities to make learning more fun!

## (Lepidoptera) Butterflies



**Name:**  
Cabbage White

**Fun Facts:** These white butterflies have green caterpillars that feed on members of the cabbage family, like canola, and broccoli.

**Where do I find it?** Both of these butterflies are seen feeding at flowers, or drinking at mudpuddles, which butterflies do to get minerals.

**Name:**  
Blue

**Fun Facts:** These small butterflies, called "blues" sometimes have a relationship with ants that help feed and protect the caterpillars.



**Name:**  
Harvestman  
(a.k.a. daddy long-legs)



**Where do I find it?**  
Along sides of buildings, under logs, and hidden around plants

**Fun facts:** With eight legs, these arachnids may look like spiders, but their body and head are fused into one unit, and they do not have venom glands. Some hunt small bugs, while others eat plant material.

## (Odonata) Odonates



**Name:**  
Damselfly

**Where do I find it?**  
On plants, around bodies of water

**Fun facts:** Damselflies are thinner than dragonflies, and often come in vibrant blues and greens. The larvae, called nymphs, live underwater. Both life stages are fierce predators, eating anything they catch!

Sometimes, even if you don't find bugs, you can see signs that they have been around:

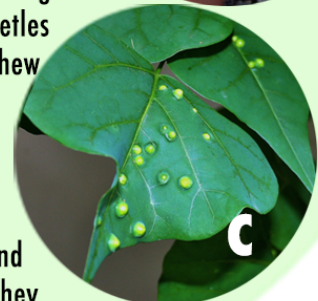


A) **Rolled leaves:** A lot of caterpillars roll leaves to protect them as they feed and grow.



B) **Holes in tree bark:** Some beetles grow as larvae under tree bark and chew their way out when they grow up.

C) **Galls:** These strange growths found on leaves and stems are often formed over the eggs of small insects, which feed and grow inside the gall. They come in a variety of shapes and colours!



## Bonus!