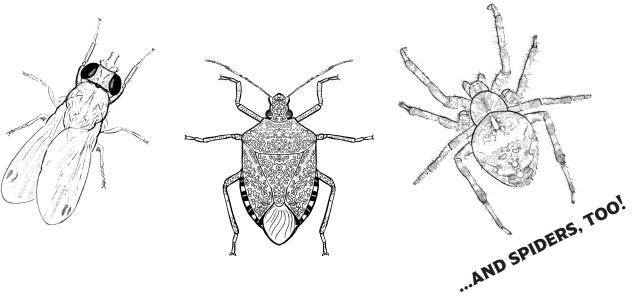


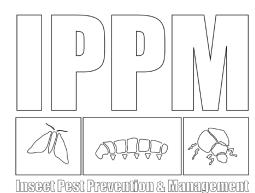
ACTIVITY COLORING BOOK AND INFORMATION EXTRAVAGANZA!





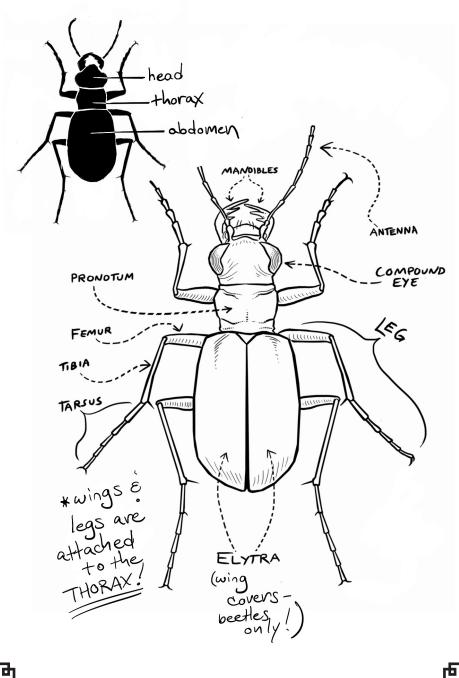
Oregon Department of Agriculture

635 Capitol St NE, Salem OR 97301 503-986-4636 or 1-800-525-0137 Oregon.gov/ODA/Plant/IPPM created August 2018



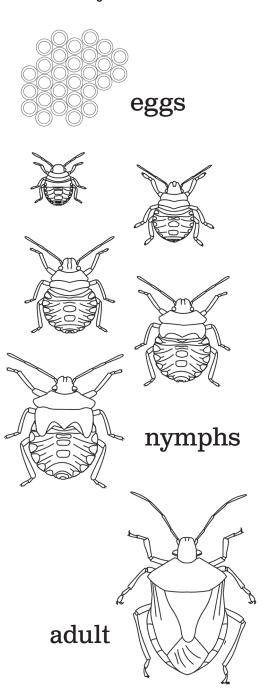
INSECT BODY PARTS

All adult insects have the same basic body parts (or some form of them), from beetles to bees to butterflies. The main body parts are the **head**, **thorax and abdomen**, 3 pairs of **legs**, and 2 pairs of **wings** or modifed wings. Spiders have 8 legs, no wings, and are not insects.

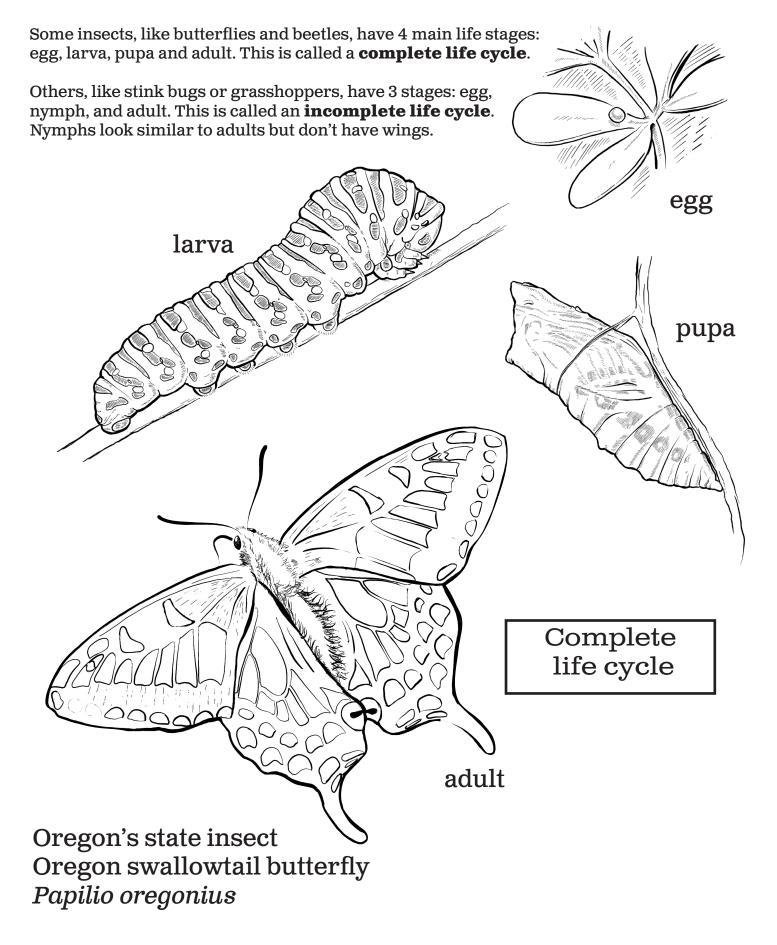


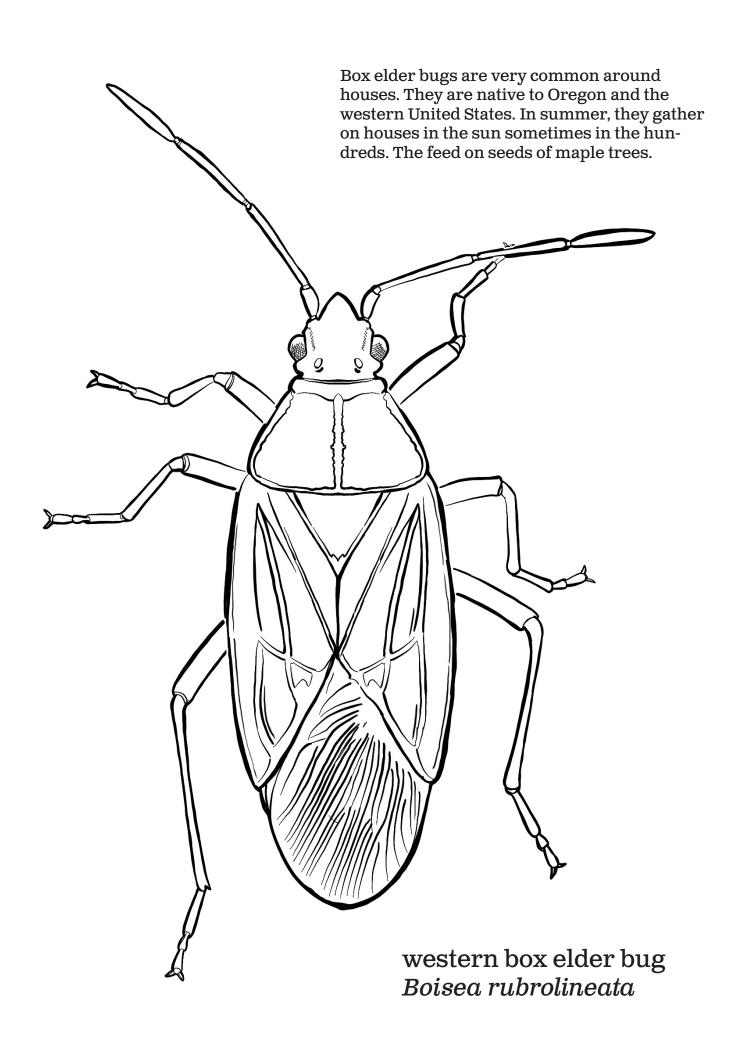
Incomplete life cycle

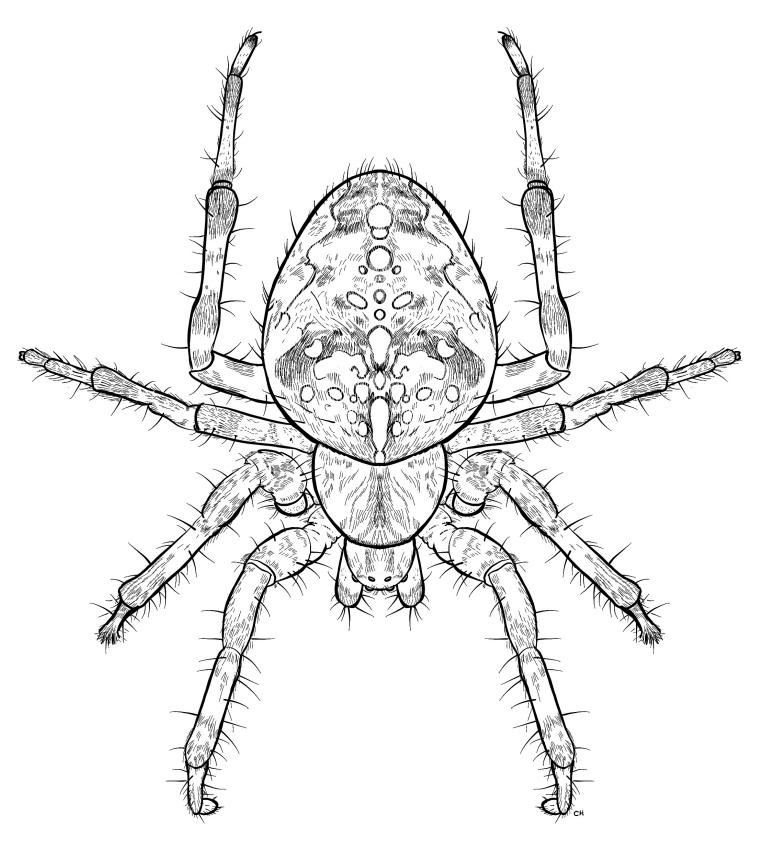
Stink bugs Family Pentatomidae



INSECT LIFE CYCLES







Garden cross spider Araneus diadematus Cross spiders are often seen in backyards in the summer. They can get very big and look scary, but are actually fairly timid. They are not considered dangerous. They catch flies and other insects in their webs for food. This species was introduced from Europe and could be displacing native spider species.



People have been collecting wild bee nests for over 9000 years. These nests were used to collect products, like wax and honey, and for pollinating crops. Over time, people figured out how to raise some wild bee species by making nests for them. These bees are called **managed bees**. In Oregon, we have four types of managed bees: **Honey bees** (*Apis mellifera*), **leaf cutter bees** (genus *Megachile*), **mason bees** (genus *Osmia*), and **alkali bees** (genus *Nomia*). All types of managed bees are used to pollinate crops. Only honey bees are used to make honey and wax.

Use this space to draw some bees!

protect themselves from bee stings.

Bee "hotels" have bamboo, wood with

bees and others to make their homes.

holes, sticks and other places for mason

Beekeepers wear special clothes to

Honey bees are kept in wood boxes

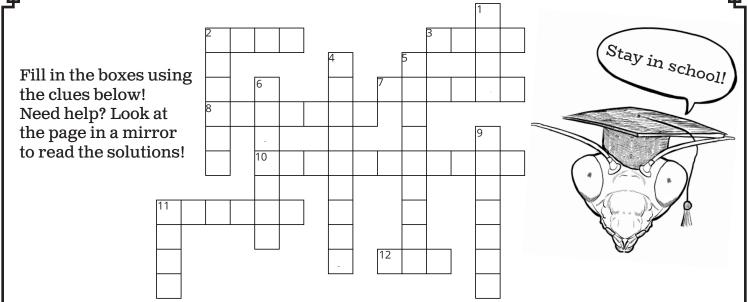
called hives. They are the most common

managed bees in the world.

Grab your pen or pencil and see if you can find some bugs, spiders and other critters! Words can be across, down, and diagonal!

RIFDKAPWI SPT GCTARBNH WPOP HICMWANTQI RCROBYGD EOAOEEPU RAIT KDCHENXD NRSCZAKBUTTE RFLY AQEQURTFCXLP BETBFESN BUGTAQP Y BEETLEXZBRT SZSWASPWQEPH

ANT
BEE
BEETLE
BUTTERFLY
CICADA
CRICKET
DRAGONFLY
LADYBUG
MOTH
SNAIL
SPIDER
WASP



Across.

- 2. night flying insect related to butterflies
- 3. spiders use this to build their webs
- 7. food for bees and butterflies
- 8. social insect that eats wood
- 10. long insect that makes a coccoon
- 11. 8 legged creature known for making webs
- 12. famous for making honey

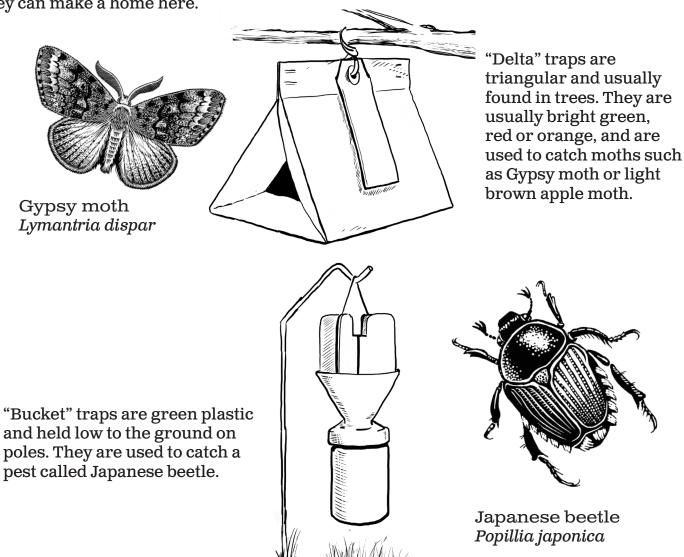
Down:

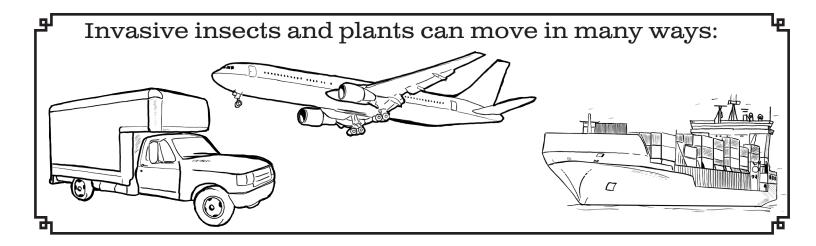
- 1. a tiny blood feeding insect found on cats and dogs
- 2. predatory insect with grasping front legs
- 4. nectar loving insect with large colorful wings
- 5. an animal that eats plants
- 6. insect that jumps and chirps at night
- 9. colorful beetle often red with black spots
- 11. slimy creature often found in gardens

Across: 2. moth, 3. silk, 7. nectar, 8. termite, 10. caterpillar, 11. spider, 12. bee. Down: 1. flea, 2. mantis, 4. butterfly, 5. herbivore, 6. cricket, 9. ladybug, 11. slug.

ITPS A TRAP!

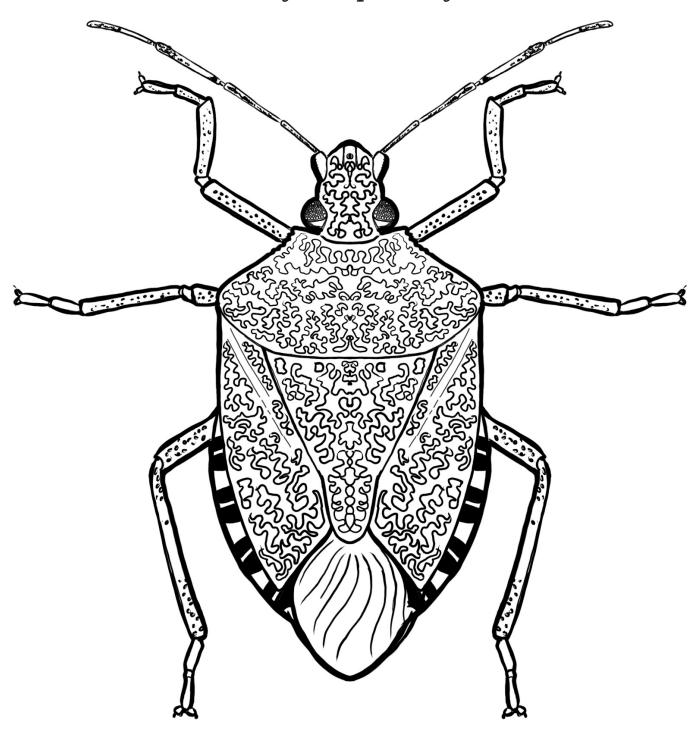
The Oregon Department of Agriculture works hard to protect the state's farmers and growers from invasive species. Every year the Insect Pest Prevention and Management program puts out thousands of traps all over Oregon to find these insects quickly before they can make a home here.



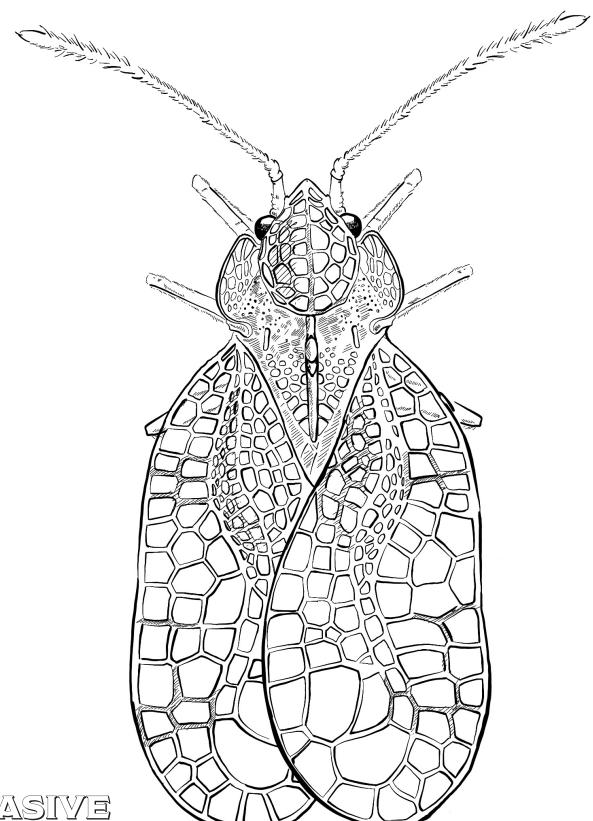


INVASIVE INSECTS IN OREGON

brown marmorated stink bug *Halyomorpha halys*



Brown marmorated stink bugs gather on houses in the fall. They make a stinky smell when disturbed. They can also hurt plants when they feed on them. This is a big problem for farmers in Oregon and other parts of the United States who grow food crops. The first record of this species in Oregon was 2004.



INVASIVE
INSECTS IN
OREGON

azalea lace bug Stephanitis pyrioides

Azalea lace bugs suck juices from the leaves of plants and leave poop spots that hide and protect their eggs. Before it was found for the first time in 2009, rhododendrons and azaleas were relatively care free plants to keep. Now, some varieties need pesticide treatments. These have also been found to feed on blueberries.

