

Interesting Insects: A to Z

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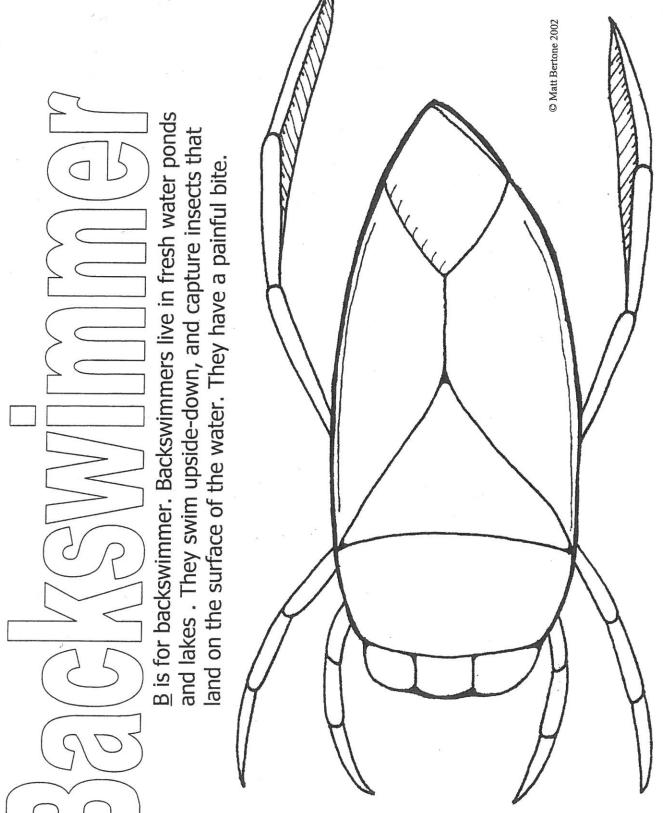
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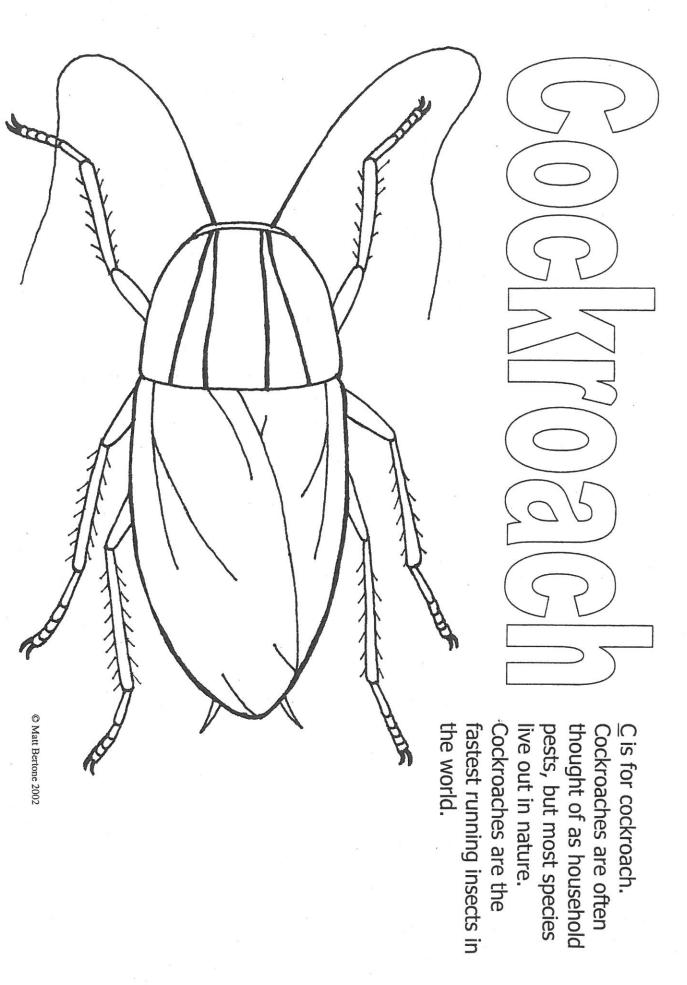
Entomology Graduate Student Association

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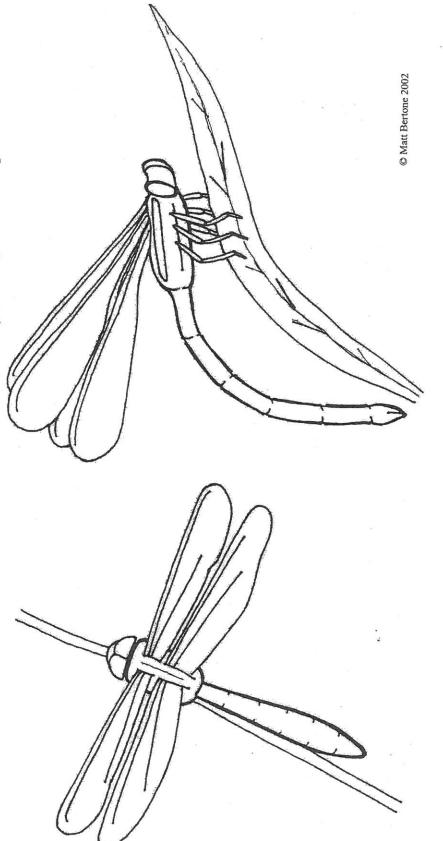
^{*}Note: Words in **bold print** are found in the glossary at the back of the book.

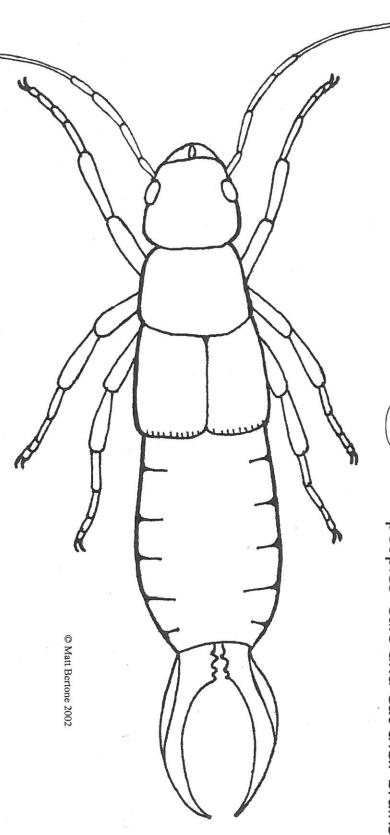


waiting antlion. The adults are winged and look like damselflies because the soil is so loose, and they fall into the jaws of the A is for antlion. Antlions dig a cone-shaped pit in loose soil and wait for small insects to fall in. The insects cannot escape © Matt Berton

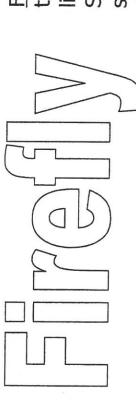


 \underline{D} is for dragonfly and damselfly. Dragonflies hold their wings out flat at rest, while damselflies hold their wings up at rest. Both have **nymphs** that live in ponds and streams. The adults and young are **predatory**.

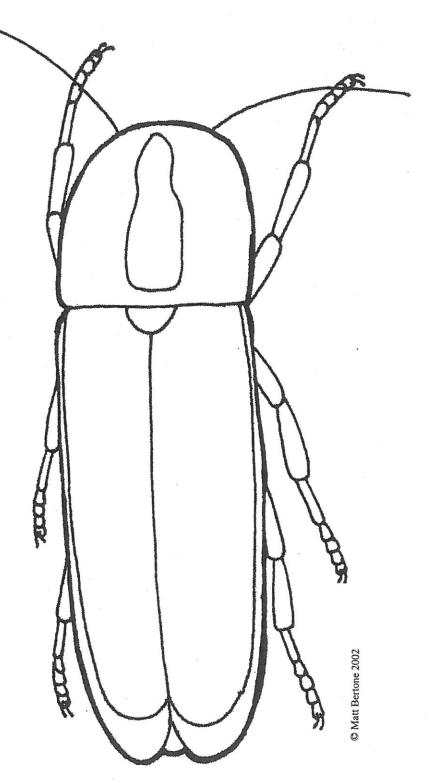


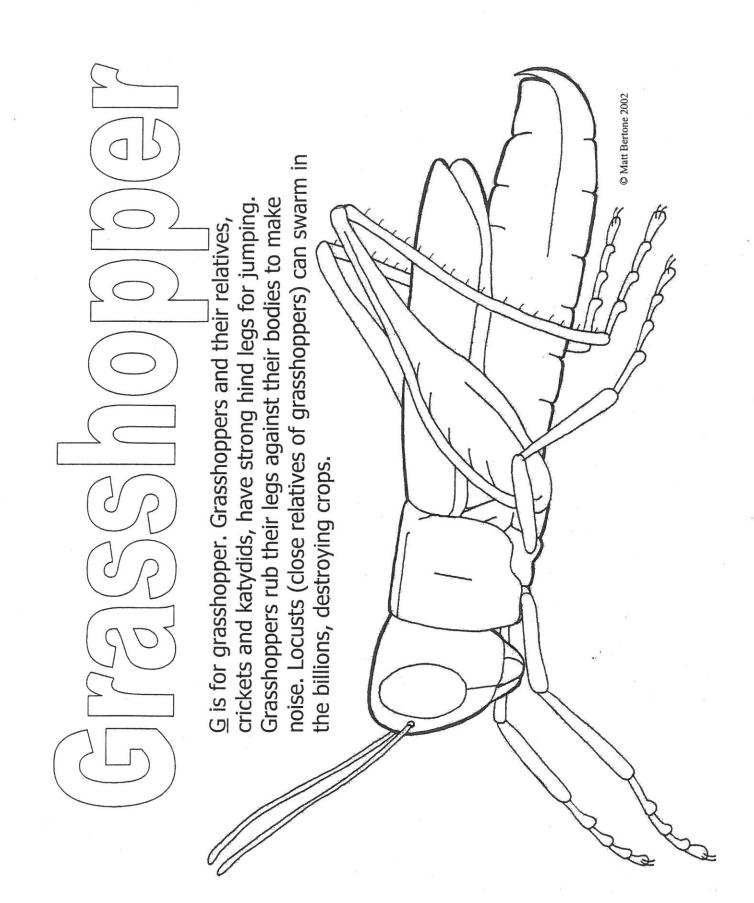


E is for earwig. Earwigs like to hide in dark places and **scavenge** for food. Female earwigs guard and clean their eggs. Contrary to popular lore, they do not enter peoples' ears and eat their brains.

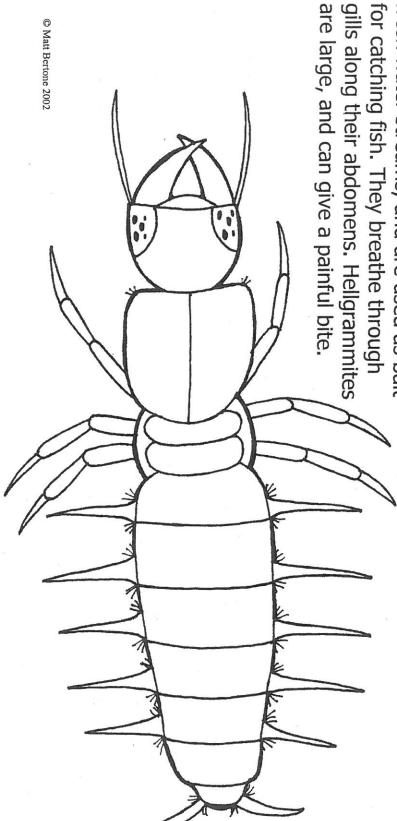


E is for firefly. Fireflies are beetles that can produce light. They use light signals to attract mates. Some **mimic** the signals of other species to lure them in and eat them.





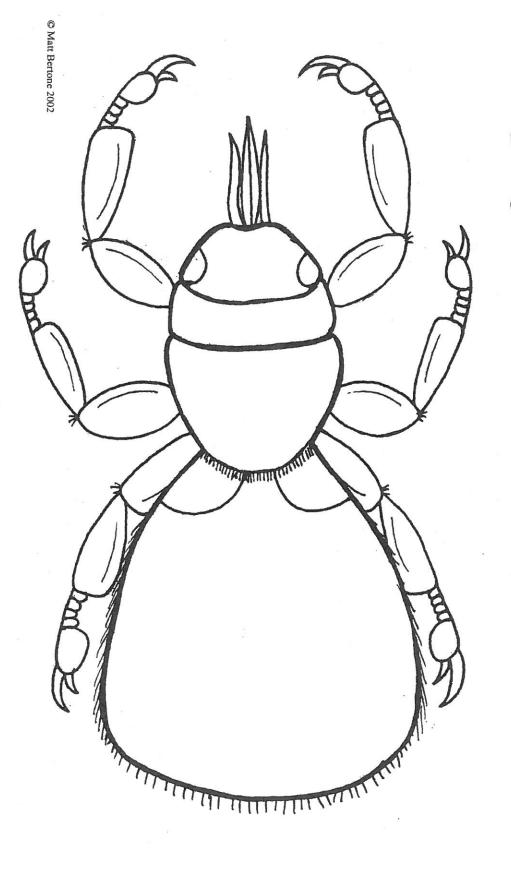
H is for hellgrammite. Hellgrammites are the **larvae** of dobsonflies. They live in fresh water streams, and are used as bait for catching fish. They breathe through gills along their abdomens. Hellgrammites are large, and can give a painful hite



world they are used as Jewel beetles, or metallic wood borers, are so called because J is for jewel beetle. money and jewelry. Some live up to 20 many have bright, metallic colors. In some parts of the feeding on wood. years as larvae, DOUGE A

giant silkworm moth family. They do not feed as adults, but are voracious as larvae (caterpillars). Io moths have large eyespots on their hind wings, which they use to scare predators. $\underline{\mathrm{I}}$ is for io moth. Io moths belong to the

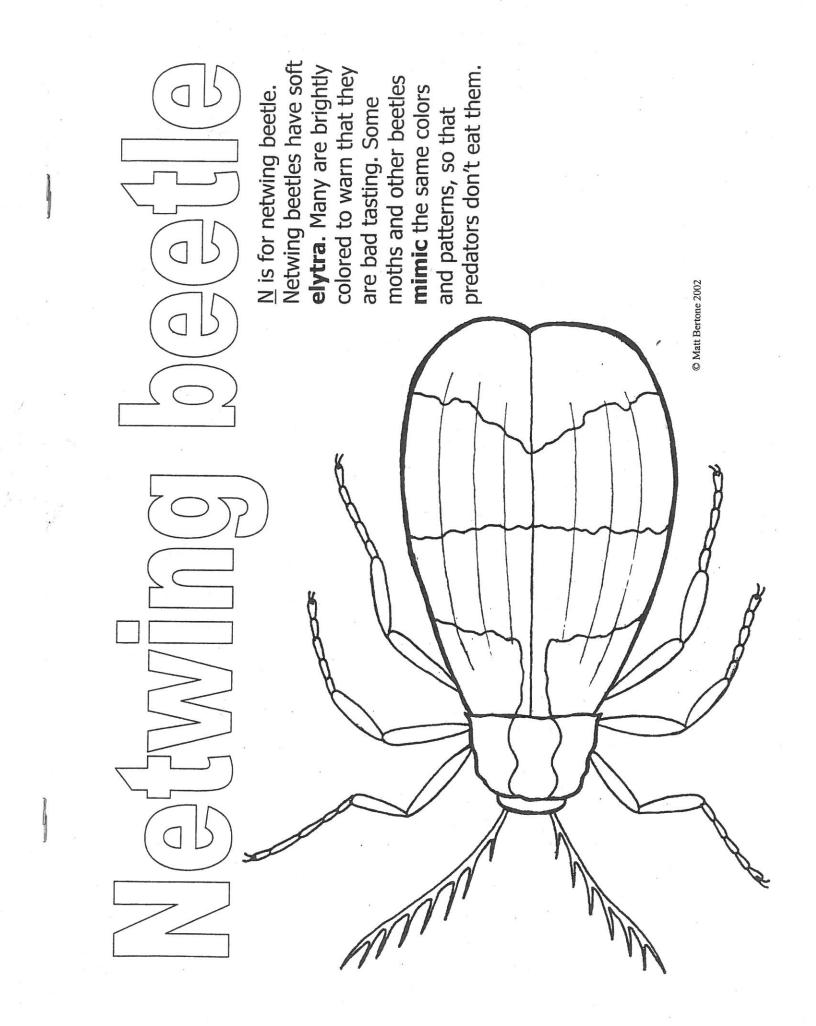
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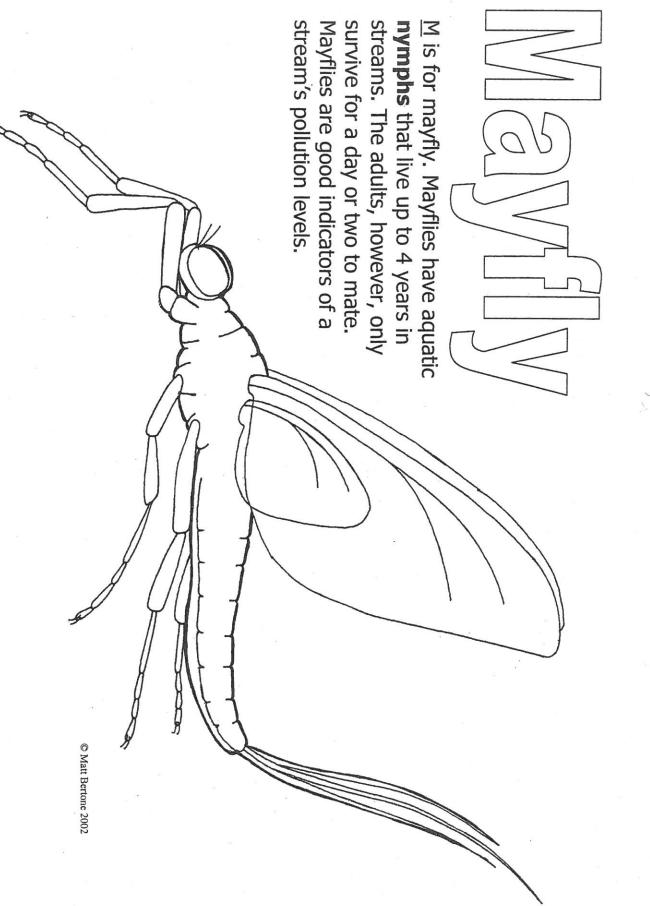


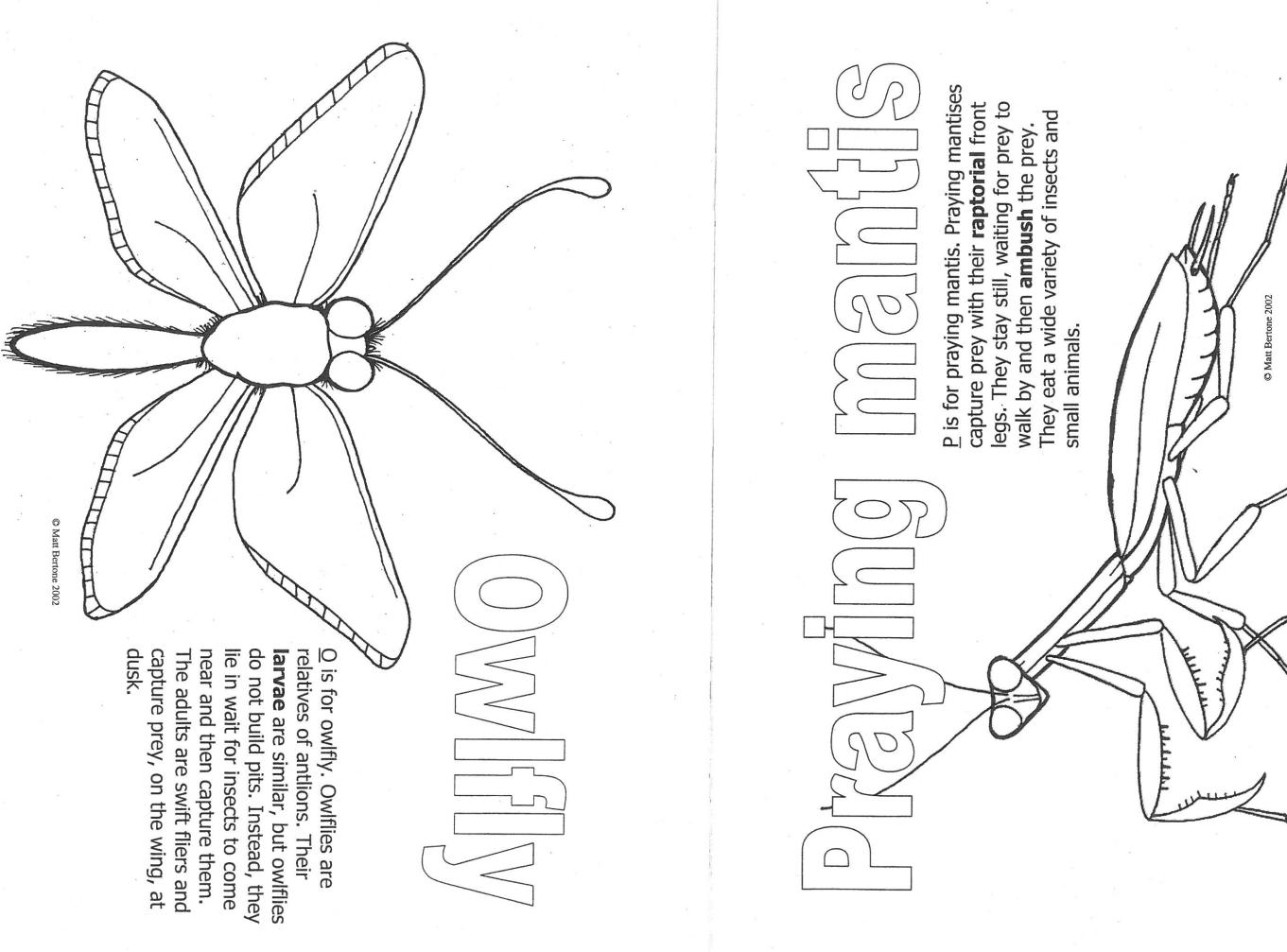
 \underline{K} is for ked. Sheep keds are wingless flies. They are specially adapted to live on sheep and suck their blood.

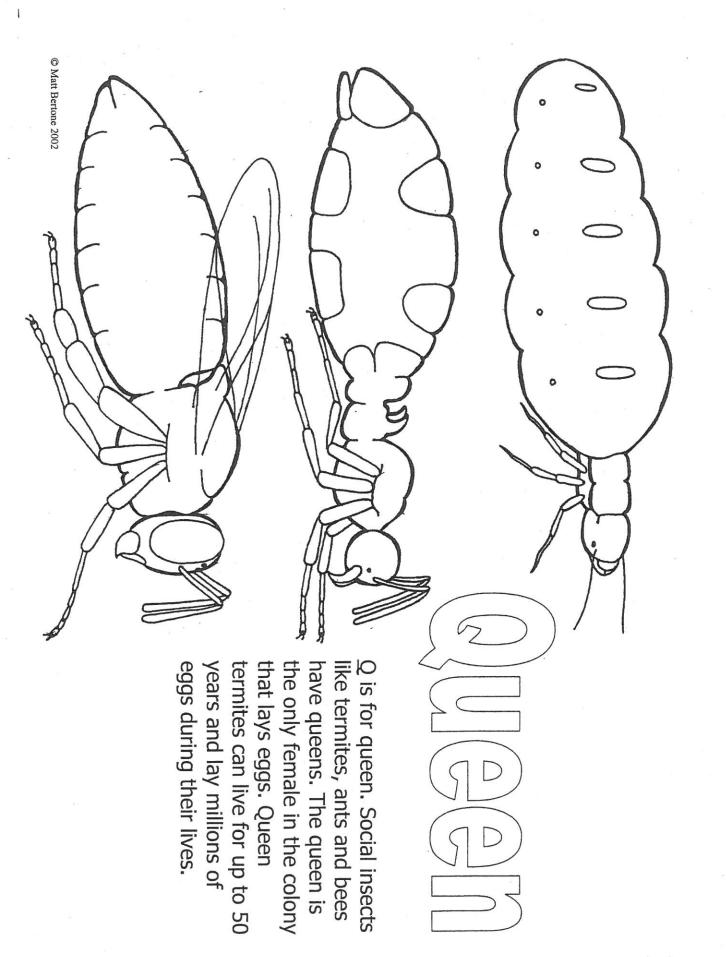
Let is for lacewing. Lacewings lay their eggs on stalks, so the **larvae** do not eat each other. Adults and **larvae** are beneficial because they eat pests such as aphids, mites, whiteflies and moth eggs. Lacewings communicate by vibrating plants they are on, and hearing these vibrations using ears on their wings.



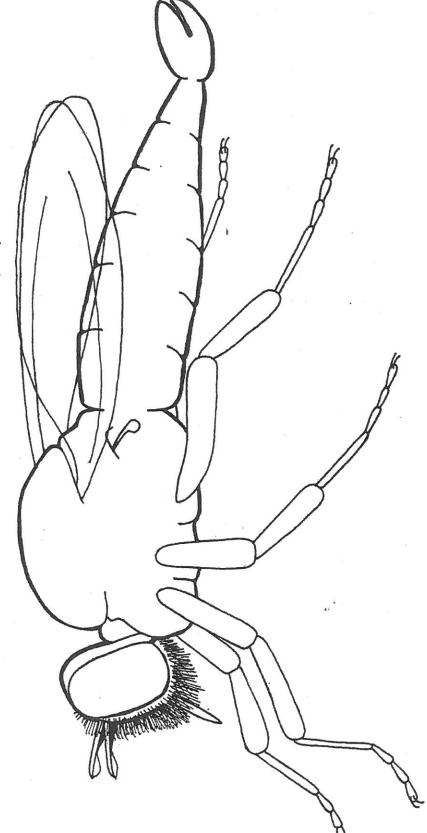








R is for robber fly. Robber flies are predatory flies that capture prey in mid-air. They can tackle insects much larger than themselves. Some mimic bees and wasps to get close to their prey.

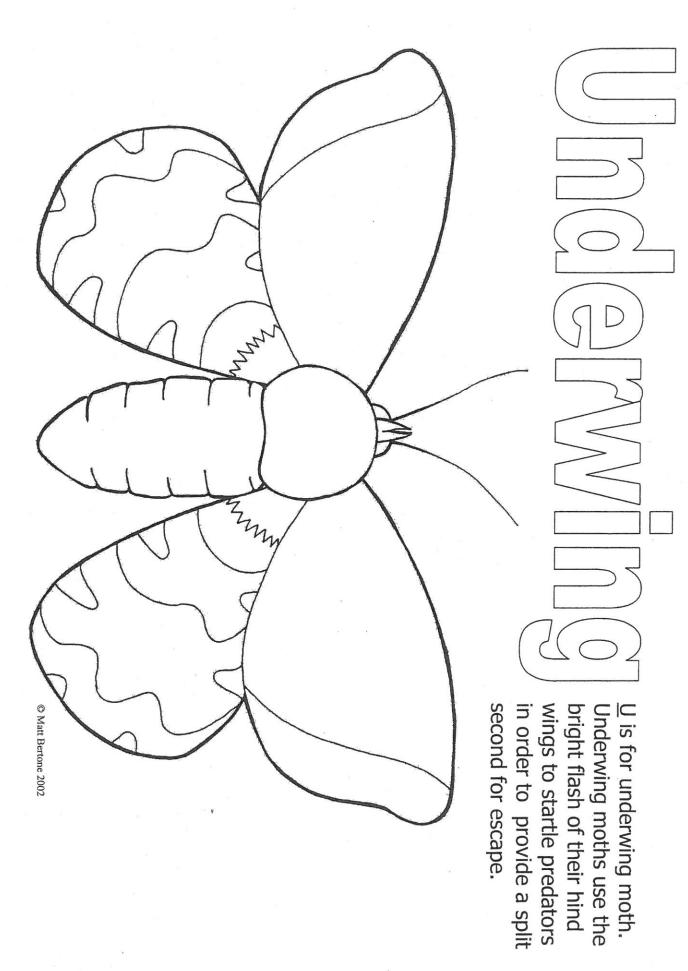


mouths, which they use to suck plant juices. Most have special bodies to help them hide from predators. Some **mimic** thorns and buds, while others just look strange. As their name suggests, they can hop off of a plant or tree very quickly. $\underline{\mathsf{T}}$ is for treehopper. Treehoppers have straw-like

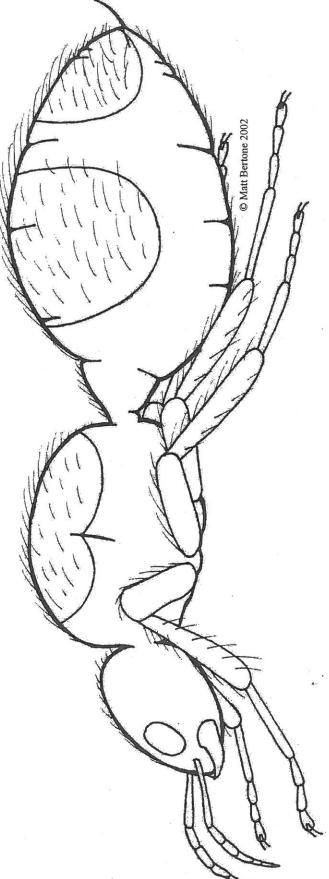
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S is for scorpionfly. The male scorpionfly has an abdomen shaped like a scorpion's stinger. However, it cannot sting. Scorpionflies are not true flies.

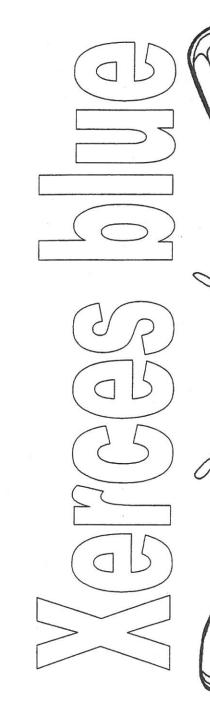
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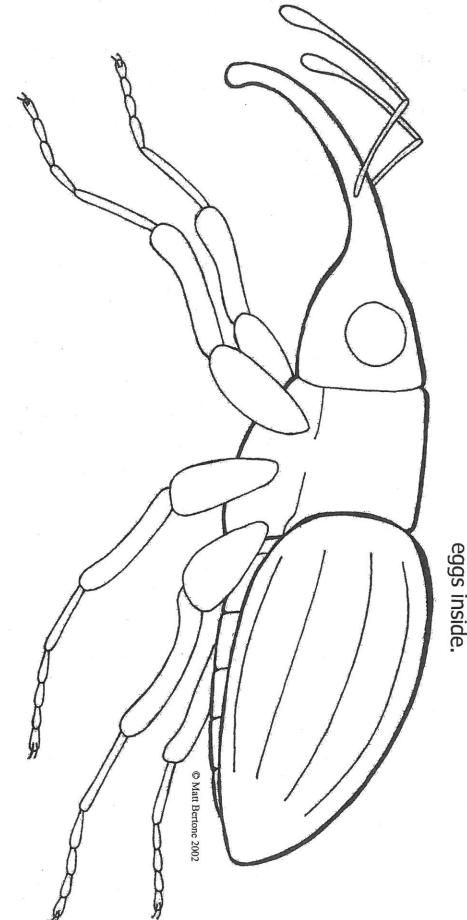
 $\underline{\mathsf{V}}$ is for velvet ant. Velvet ants are actually wasps. The males are winged, while the females are not. Females have a painful sting. A common species is called a cow-killer, because people thought that they could sting cows to death.

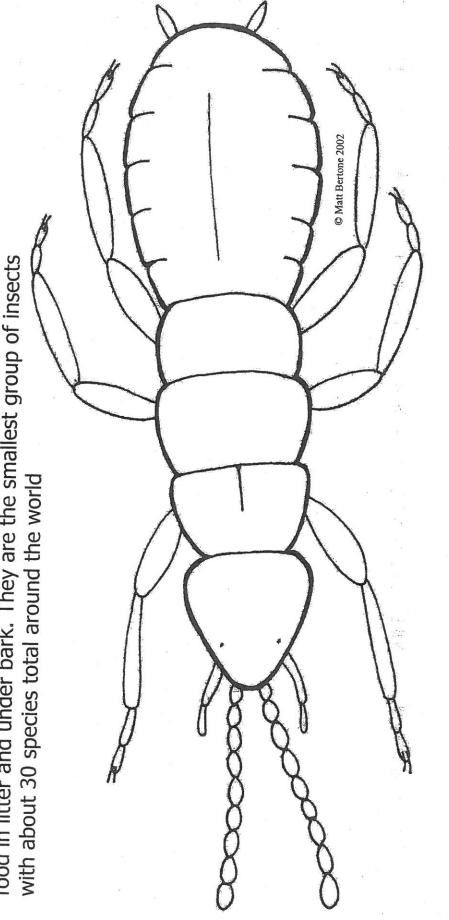


The xerces blue is an extinct danger of becoming extinct. society helps to make people \underline{X} is for xerces blue butterfly. collecting. Today the Xerces aware of insects and other small creatures that are in insect from California. It through habitat loss and became **extinct** in 1941 © Matt Bertone 2002



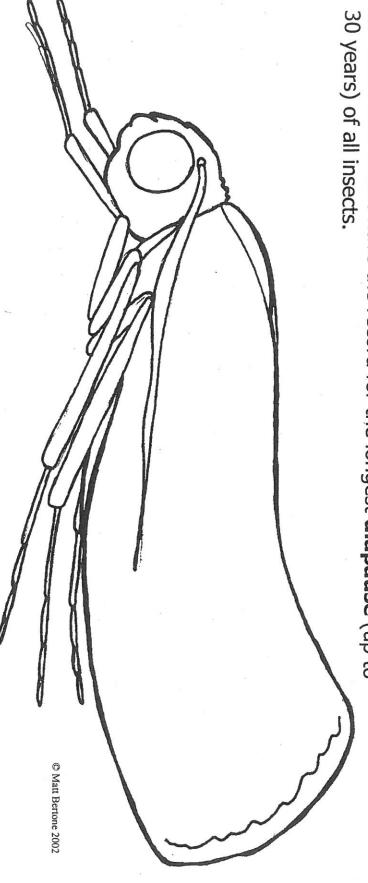
<u>W</u> is for weevil. The weevil does not have a straw for a snout (even though it looks that way), but instead the tip of it has tiny chewing mouthparts. The cotton boll weevil uses these mouthparts to chew a small hole in the boll, and then lays her





\(\begin{align*} \begin{align*} \in \text{Sorapterans} \text{ are tiny insects that } \text{scavenge} \text{ for food in litter and under bark. They are the smallest group of insects with about 30 species total around the world

Y is for yucca moth. Yucca moths have a mutual relationship with the yucca plant. The moth is the only thing that pollinates the plant, while the the plant's seeds are the only food source for the developing larvae. Yucca moths have the record for the longest diapause (up to



Insect Glossary

Ambush: when an insect surprises another insect in

order to capture it

Diapause: similar to hibernation, but can happen

during any season

Elytra: the hard outer wings on beetles

Extinct: when an insect population dies out completely

Larva (plural=larvae): the young of an insect that goes through complete metamorphosis (egg --> larva --> pupa --> adult)

Mimic: when an insect looks or acts like something else such as another insect or a plant part

Nymph (plural=nymphs): a young insect that goes through incomplete metamorphosis (egg --> nymph --> adult)

Predatory: characteristic of an insect that feeds on other animals

Raptorial: a special leg design that allows insects to capture prey

Scavenger: an insect that feeds on decaying matter and anything it comes upon

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