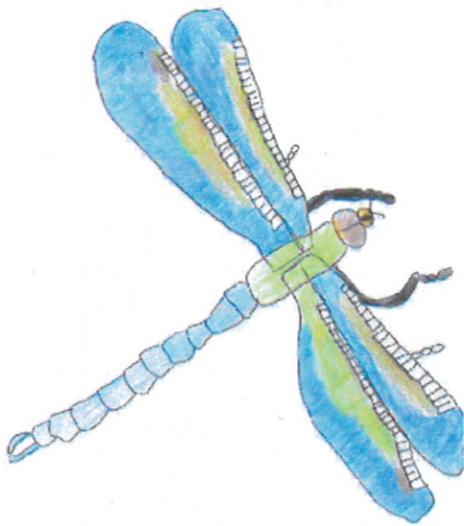
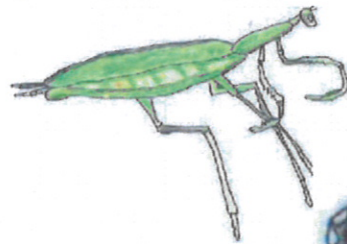
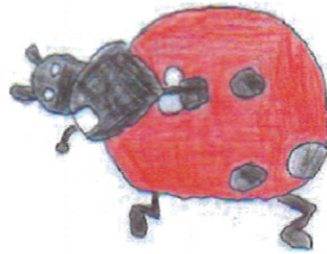


# INSECTS

T H E M A G A Z I N E



Pottenger School Grade 2, Rm 20

*Extra,  
Extra,  
Read all about  
INSECTS!!!*

*The second grade class in Room 20 at M. O. Pottenger School in Springfield, M.A. spent most of the year learning about, and drawing insects. We learned many important, and fun facts. We took part in many art projects which brought our insects to life. We would like to dedicate this book to Ms. Margarita Colon for all her knowledge, patience, and artistic ability. We could not have done this without her.*

*Catherine Adona and all the students of  
Room 20*

*June 3, 2009*

# NEWS

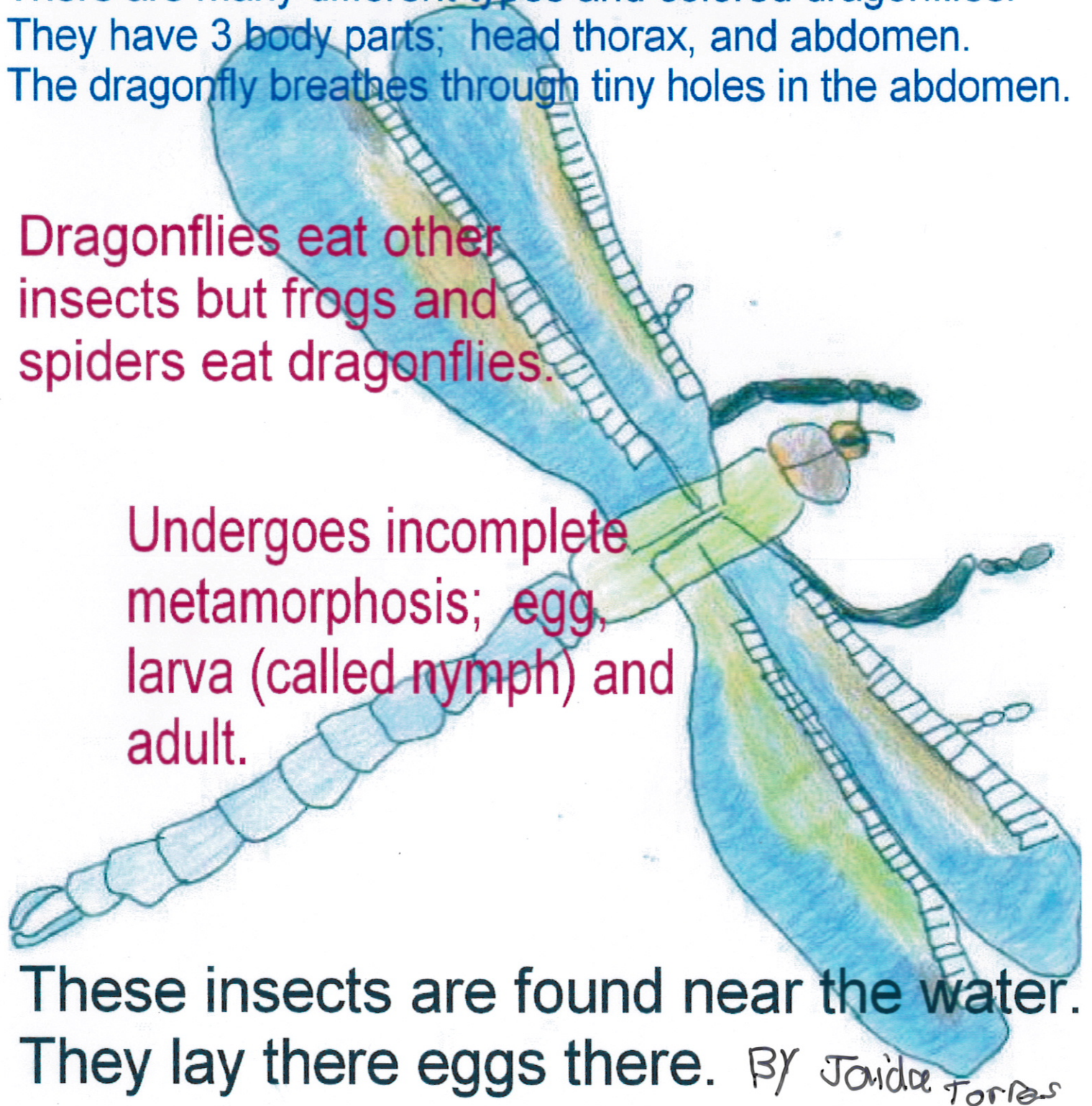
## MINUTE

---

There are many different types and colored dragonflies. They have 3 body parts; head thorax, and abdomen. The dragonfly breathes through tiny holes in the abdomen.

Dragonflies eat other insects but frogs and spiders eat dragonflies.

Undergoes incomplete metamorphosis; egg, larva (called nymph) and adult.



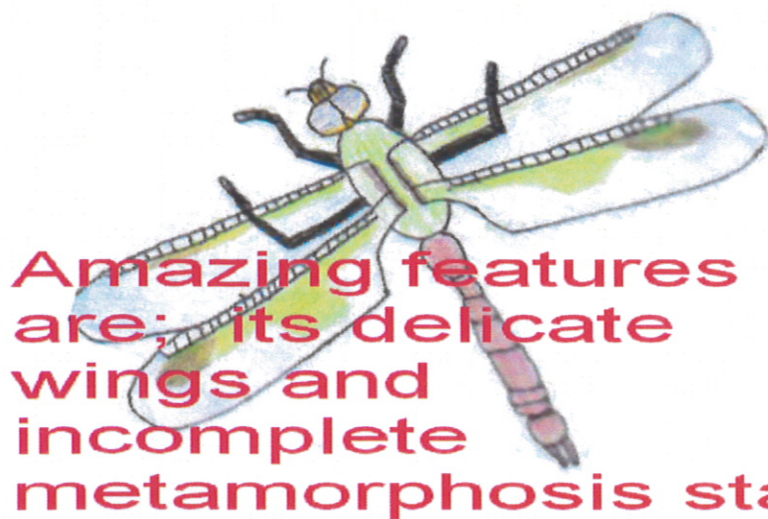
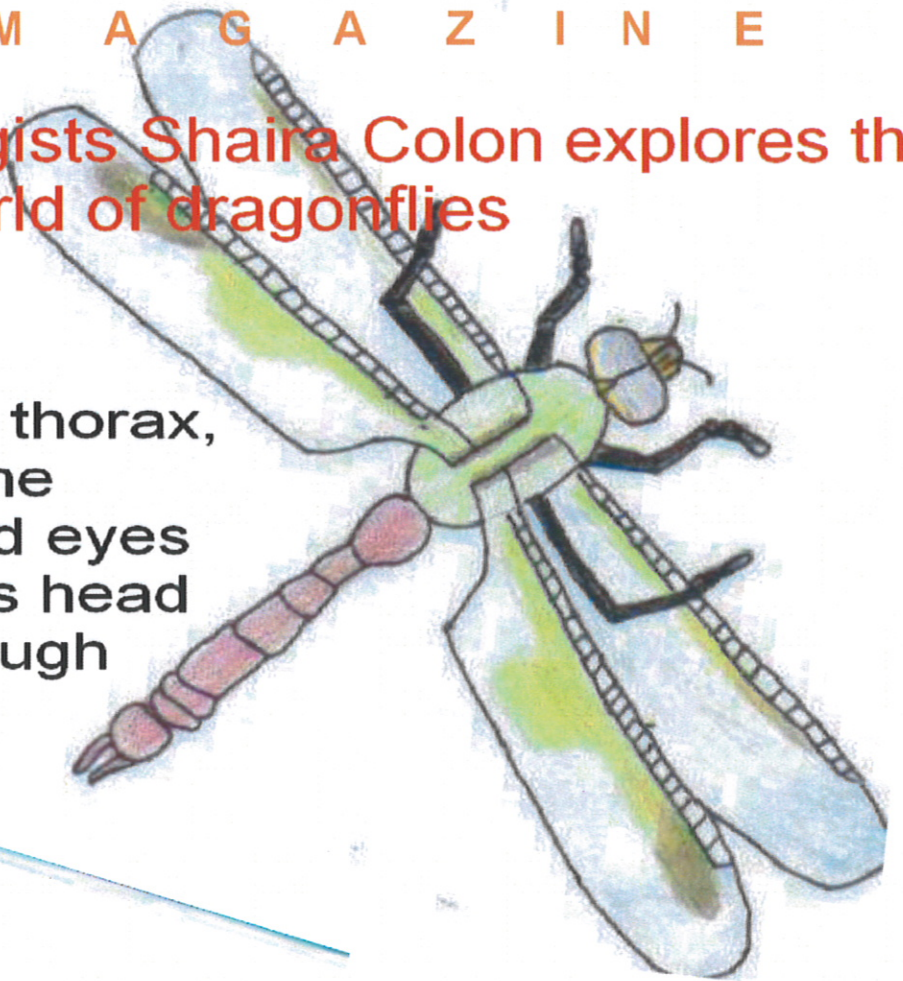
These insects are found near the water. They lay there eggs there. BY Jaida Torres

# CHILDREN

T H E M A G A Z I N E

Young entomologists Shaira Colon explores the world of dragonflies

Like all insects a dragonfly has 3 body parts; head, thorax, and abdomen. The insect's compound eyes take up most of its head and breathes through tiny holes in its abdomen.



Amazing features are: its delicate wings and incomplete metamorphosis stage.

Dragonflies... beware of frogs, spiders, ducks and birds.

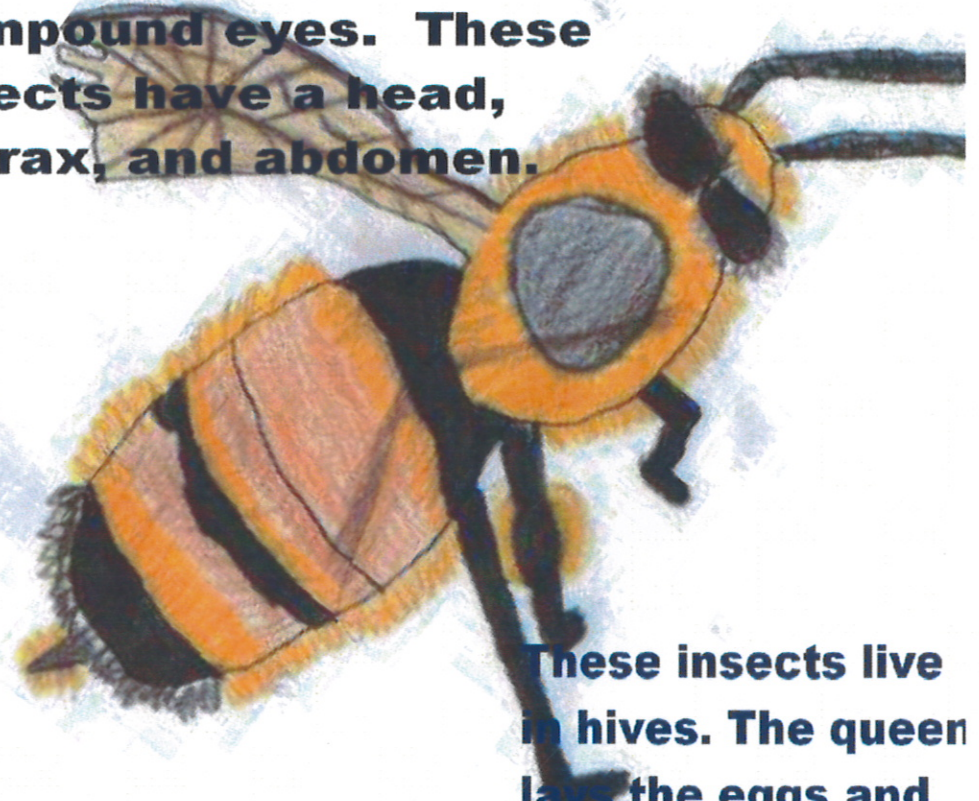
Nymphs live about 6 months to 7 years.

Young Entomologists of Today

# SCIENCE

## Journal of the Future

**Be on the look out for yellow and black bees with antennae and compound eyes. These insects have a head, thorax, and abdomen.**



**These insects live in hives. The queen lays the eggs and the workers make the honey.**

Honey bees are eating the sweet nectar off the flowers.



Bees go through metamorphosis; egg, larva, pupa, bee.

By, Molly Ortiz



# CHILDREN

T H E M A G A Z I N E

Praying Mantis:  
Long and green!  
WOW!!

6 legs, 3 body parts,  
swiveling head!!

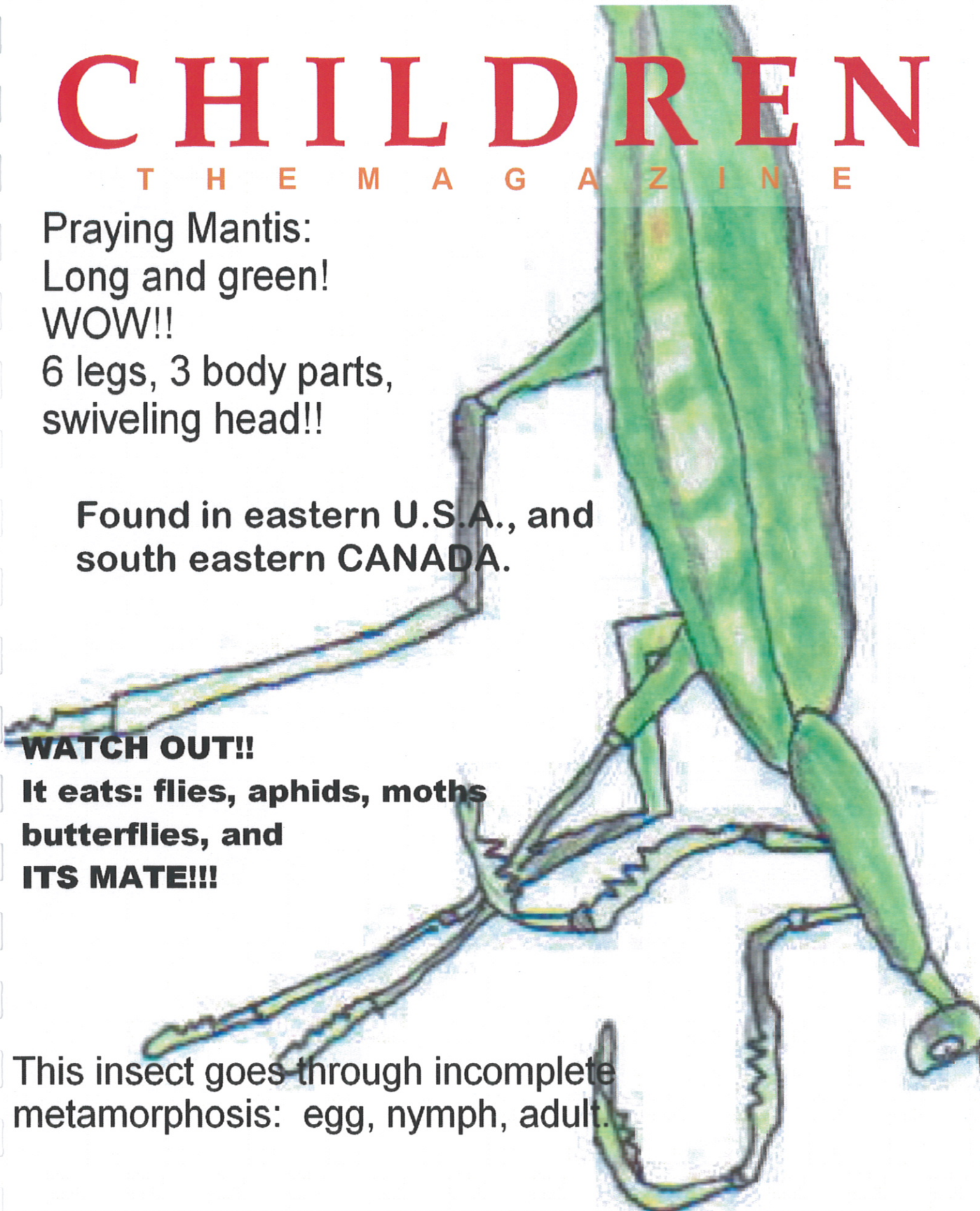
Found in eastern U.S.A., and  
south eastern CANADA.

**WATCH OUT!!**

**It eats: flies, aphids, moths  
butterflies, and  
ITS MATE!!!**

This insect goes through incomplete  
metamorphosis: egg, nymph, adult.

Entomologist: Tony Santiago





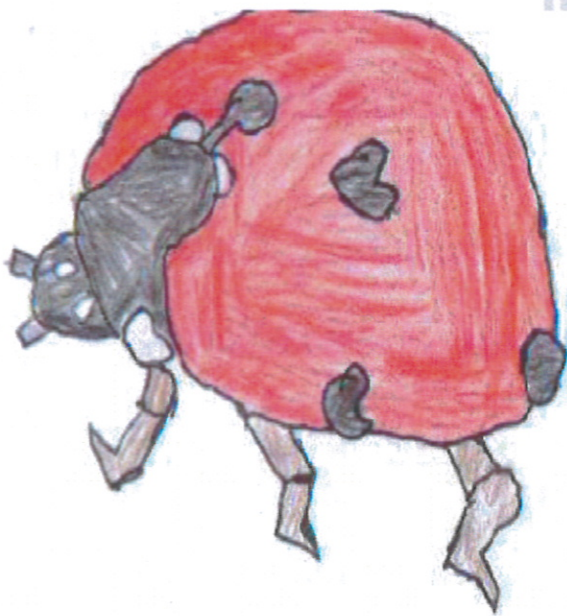
# Pottenger Newsletter

Serving your community since 2009



## Ladybugs

There are nearly 5,000 different kinds of ladybugs (also called lady beetles or lady birds). They are usually red with black spots or black with red spots. Some are orange and yellow.



## Prey and Predator

You can find these insects in the garden, meadows, field and forests eating aphids, mealy bugs, and mites.

## Life Cycle

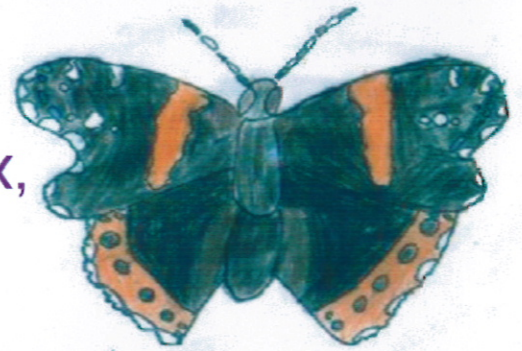
The ladybug goes through a complete metamorphosis: egg, larva, pupa, and adult.

By: Jere Garrafa

# CHILDREN

T H E M A G A Z I N E

The Red Admiral Butterfly is about 2 in. long with head, thorax, abdomen, and six jointed legs.



**They are found in woodlands, meadows, and gardens.**

They feed off sap, rotting fruit, decaying matter and scat. They must beware of birds and praying mantids.



**Complete metamorphosis;  
egg, caterpillar, chrysalis, and  
butterfly**

by, Daquiry Rodriguez

**Young Entomologists of Today**





# Community Newsletter

Serving your community since 2009

## Stag Beetles

### Prey and Predator

These insects eat sap and decaying wood. They should watch out for magpies, bats, birds, hedgehogs, foxes, and cats.



### Habitat and Life Cycle

They can be found in gardens, wooden parks, and pasture woodland. Life stages: Egg, larvae, pupa and adult.

Stag beetles are brown and black. The male beetles have large mandibles but females have small ones. The beetles use their jaws to wrestle. Stag beetles are used in the Chinese sport of insect fighting.

By William Torres

# SCIENCE

## Butterfly Awaits New Name

Entomologist Sharaya Radway discovers rare butterfly feeding on nectar.



Life cycle consist of an egg the size of a pin head. then the caterpillar stage. It pupates and hangs from a tree. The chrysalis splits and this beautiful butterfly emerges.

**Beware of birds and spiders. Threat to this butterfly.**





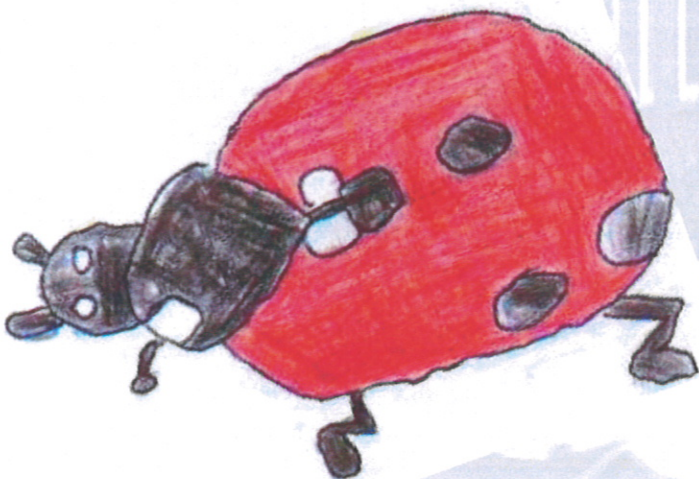
# Pottenger Newsletter

Serving your community since 2009



## Ladybugs

Ladybugs are usually black with red spots or red with black spots. They are called lady birds or lady beetles. These insects have three body parts; head, thorax, and abdomen



## Prey and Predator

**You can find these insects in the garden, eating aphids, mealybugs, and mites. Ladybugs make a chemical that tastes bad to birds.**

## Life Cycle

The ladybug goes through a complete metamorphosis: egg, larva, pupa, and adult. A female ladybug will lay more than 1,000 eggs.

By Cheyenne Orango

# CHILDREN

T H E M A G A Z I N E

The Mourning Cloak butterfly is the most widespread butterfly in the world.



It eats tree sap, rotting fruit and decaying matter.



**This insect can be found in the woodlands and forest. They migrate southward for the winter.**

**Complete metamorphosis; egg, caterpillar, pupa and adult butterfly.**



**Create a garden by planting shrubby willows, birches, and ceanothus plants.**

*By Iriany Diaz*

**Young Entomologists of Today**

# CHILDREN

T H E M A G A Z I N E

**Nearly 2,000 species.**  
**Usually found in North and South America, South Africa Asia, and Australia.**

**Praying mantids are terrific pest exterminators.**

Mantids camouflage among plants. They have 6 jointed legs, head, thorax, and an abdomen.

**These insects eat flies, aphids, and other insects. Its predators are bats, birds, and wasps.**

**Metamorphosis: egg, nymph, and adult.**

## Young Entomologists of Today

By Matthew Akers



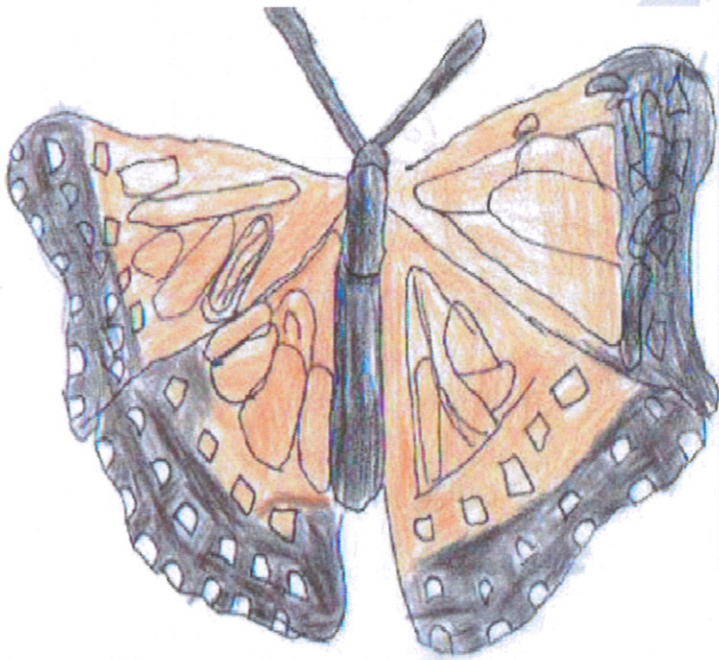
# Community Newsletter

Serving your community since 2009



## Title of Article

**Monarchs are found in meadows, fields, roadsides, marshes and other areas, where milkweed grows**



## Title of Article

**Orange and black Monarchs found in North America**

### Life Cycle

**The butterfly lays an egg. The egg turns into a caterpillar then into a pupa. then it becomes a butterfly**

By: Anyona Patterson