# Day of Science and Service
# May 8, 2014

**On May 8, 2014, be a scientist for the day!** Create a buzz. Get outside, record your observations, share your pictures and tell us what's happening in your community. Join the University of California in a one-day statewide science project and tell us what you see. Your answers will help build a healthier future for you and your community. Explore further at **beascientist.ucanr.edu**

## How many pollinators do you see outside?

One-third of the world's food production depends on pollinators.

What's a pollinator? Bees, wasps, flies, butterflies, moths, beetles, birds and bats—they all help plants reproduce (and make fruit and seeds) by carrying pollen from one flower to another. When you look at a flower, how often do you consider the importance of these unsung heroes?

Honey bees and other pollinators are in a population decline because of diseases, mites, loss of habitat and food sources, and other factors. We need your help to protect them. The pollination process helps produce beautiful landscapes and the bounty of fruits, nuts and vegetables we all enjoy.

### *Bee our eyes and ears.*

On May 8, 2014, we're asking you to let us know how many pollinators you see outside.

Do you see bees and other pollinators in your own neighborhood? Are there flowering plants in your garden, park, school or community? Is your neighborhood pollinator-friendly?

### *The Facts*

- **Three-fourths of the world's flowering plants depend on pollinators.**
- **35% of the food we eat depends on pollination by bees.**
- **There are 25,000 different species of bees.**
- **1.6 million colonies of honey bees are needed to pollinate California's 800,000 acres of almond trees.**
- **Honey bees will fly up to four miles from the hive to collect water, nectar and pollens.**

Visit **beascientist.ucanr.edu** to learn more about this project and record your observations.

UC Cooperative Extension
University of California
Division of Agriculture and Natural Resources

# How many pollinators do you see outside?

## On May 8, 2014, be a scientist for the day!

On May 8, go outside and count the number of pollinators you see in a 3-minute period. Then report your observations using our online California pollinator map. Your data will help us better understand what's happening to our pollinator populations across the state so we can build a more secure future for you and your community.

Just follow these six simple steps:

**STEP 1**
On May 8, 2014, pick a spot outdoors and make a note of how many pollinators you see in 3 minutes. If you like, you can also take a photo of the observation site or of a pollinator.

**STEP 2**
Go online and visit the map at **beascientist.ucanr.edu/pollinators**.

**STEP 3**
Enter your ZIP Code or zoom to your current location on the map.

**STEP 4**
Click the location of your observation site on the map.

**STEP 5**
Type in the number of pollinators you saw during your 3-minute period.

**STEP 6**
Attach a photo if you have one!

**E-mail:**

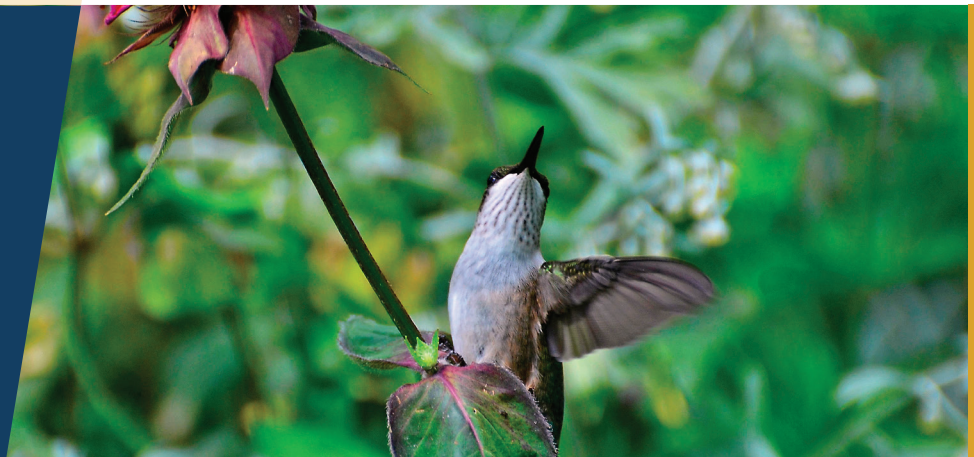
**Your age:**

- ☐ Under 13
- ☐ 13-17
- ☐ 18-29
- ☐ 30-59
- ☐ 60 or over
- ☐ Decline to state

**Time of observation?**

**Pollinator/Number You Saw:**

- ____ Bees
- ____ Birds
- ____ Bats
- ____ Beetles
- ____ Butterflies
- ____ Flies
- ____ Moths
- ____ Wasps



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