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Augochloropsis aurata

Common name: Sweat Bee

Most native bees are very small. Many cannot even sting us, but if they can, it generally goes unnoticed. Sweat bees are named for their habit of stopping by for a visit on a hot day when you are sweating to take a sip of your sweat! They want the salts that come out in your sweat on a hot, humid North Carolina day.

Why care about bees?

Bees are the most important pollinators

- Animals, mostly bees, pollinate 87% of all flowering plant species
- One-third of the world's food supply depends on bee pollination
- Bees pollinate food for animals in many ecosystems from field to forests

Contact NCSU Entomology event schedules or to request outreach for your school/event

<http://www.cals.ncsu.edu/entomology/outreach/entomology-outreach-program>

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This beautiful Augochloropsis anonyma is one of over 500 kinds of bees you will find in North Carolina! You can learn to recognize some of the most common species that may visit your yard with this mini-native bees of North Carolina guide!

**BEES IN YOUR
BACK YARD!**

*North Carolina State
Entomology*



Calliopsis andreniformis

Although this bee has no common name, it is one of the most common in the east. The top photo is of a female and the bottom is of a male.

Most bees live in the ground in their own nest, and are not social like honey bees. These bees are solitary and love the compacted soils found on playing fields and dirt piles.

How can you help bees?

- Plant some flowers from the pollinator garden list
- Avoid using pesticides, when given the chance
- Appreciate the bees around you
- Teach others what you have learned about native bees

“If the bee disappeared off the surface of the globe, then man would only have four years of life left. No more bees, no more pollination, no more plants, no more animals, no more man.”

Unknown, attributed to Albert Einstein

The most important thing you can do is share the knowledge about native bees to others!



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Ceratina dupla

Common name: Small Carpenter Bee

These small carpenter bees don't chew their own nests, so don't worry about your porch. Their jaws are only strong enough to excavate the pithy centers of broken plant stems. If you want them in your yard, you could snap off a few raspberry or sumac twigs for them. They will fly in and out, busy bees, pollinating flowers and using the pollen to feed their young. What great mother-bees are!