

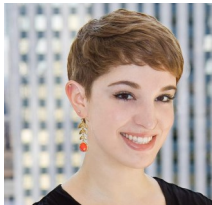
Who are we?



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What are we doing in your neighborhood?

We are studying plants and pollinators in residential neighborhoods across Chicago. At each study location, we do the following:

- Record all the plant species growing in yards, gardens, and parkways
- Count all flowers on each plant
- Determine the amount of turf grass, paved surfaces, and other ground covers in each yard
- Identify all pollinators and which flowers they are visiting
- Take pictures of some plants or pollinators to help us identify them later
- Catch some bees to record which species are present

Questions?

Please contact **Emily Minor**, University of Illinois at Chicago, Department of Biological Sciences and Institute for Environmental Science and Policy

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UIC Research Project:

Plants and pollinators in urban yards



UIC

University of Illinois at
Chicago

Plants and pollinators in urban yards

There are probably over 500 plant species in Chicago neighborhoods! We hope to learn exactly how many. Here are some common ones.

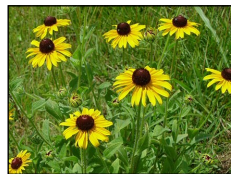
Ornamental Species



Ornamental sage
(*Salvia* species)



Hosta species

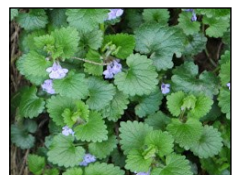


Black-eyed susan
(*Rudbeckia hirta*)

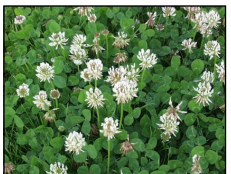
Weedy Species



Broadleaf plantain
(*Plantago major*)



Ground ivy, Creeping Charlie
(*Glechoma hederacea*)



White clover
(*Trifolium repens*)

Thank you for your interest in our research about plants and pollinators in urban yards. The goal of our project is to study patterns and drivers of biodiversity in residential neighborhoods across Chicago.

Why is this important?

Residential neighborhoods can contain a large number of plant and animal species. The biodiversity in our neighborhoods can benefit us in many ways:

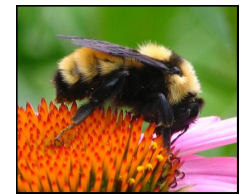
- Plants help soak up storm water and reduce flooding
- Plants provide shade and cooling during the hot summer
- Trees and other kinds of vegetation can increase property values
- Bees pollinate our tomatoes and other garden crops
- Plants and animals are fun to look at and can provide a sense of well-being and relaxation

Our neighborhoods also have the potential to contribute to conservation beyond our limited system of forest preserves and parks.

There are over 100 bees species in Chicago. Here are some common ones.



Common Eastern Bumble Bee
(*Bombus impatiens*)



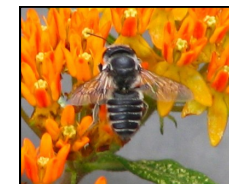
Golden Northern Bumble Bee
(*Bombus fervidus*)



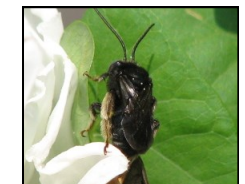
Eastern Carpenter Bee
(*Xylocopa virginica*)



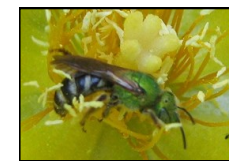
European Honey Bee
(*Apis mellifera*)



Leaf-cutter Bee
(*Megachile* spp.)



Black Long-horned Bee
(*Melissodes bimaculata*)



Virescent Sweat Bee
(*Agapostemon virescens*)



Small Carpenter Bee
(*Ceratina* spp.)