



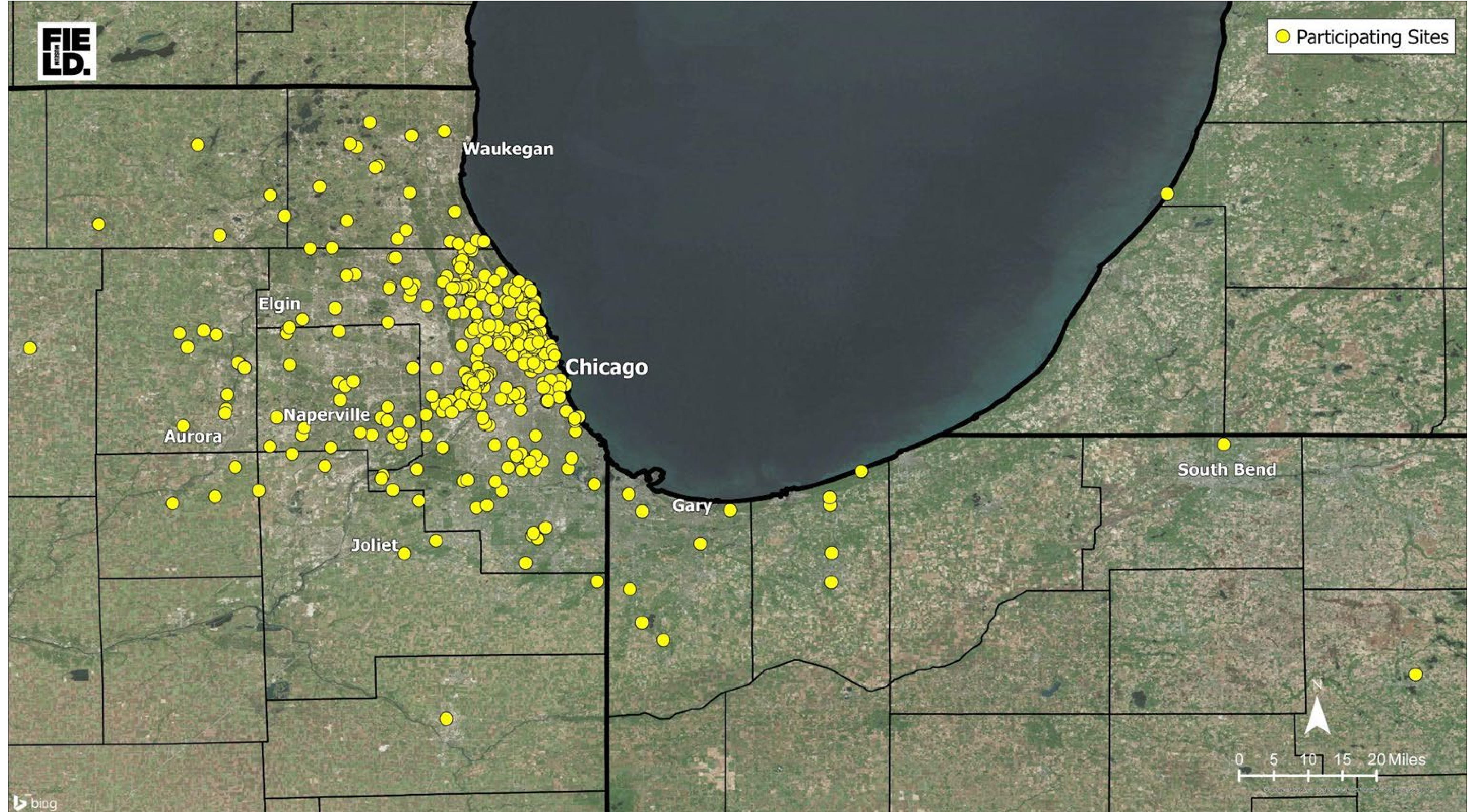
New Opportunities in Community Science

Aster Hasle
Karen Klinger
Field Museum



Goldenrod Soldier Beetle

428 Sites 2019 - 2022

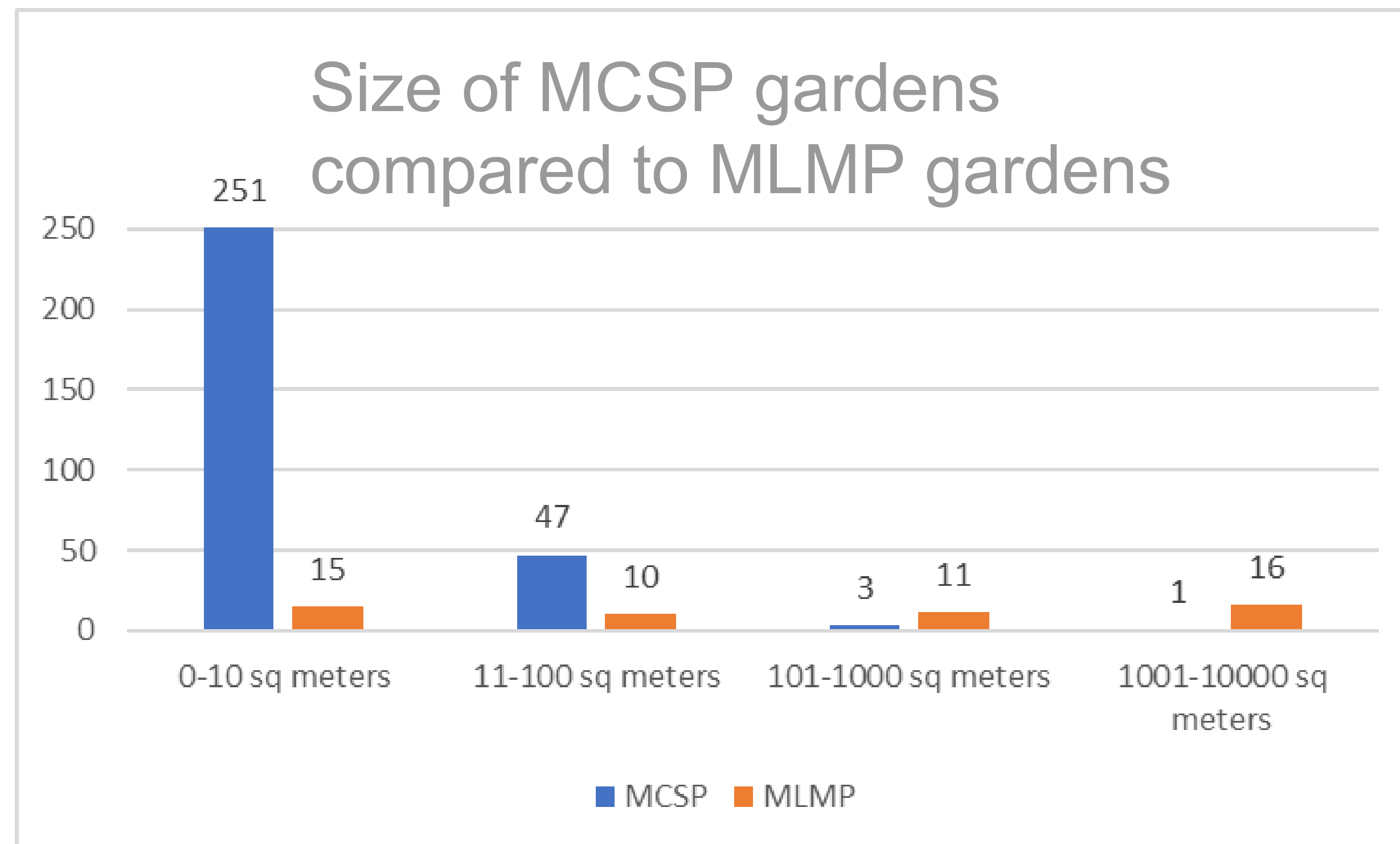




Echinacea spp.



black-eyed Susan
(*Rudbeckia hirta*)



Chicago, Illinois, USA Selected Insects in Your Midwestern Native Garden

3

Susan Kirt, Imeña Valdes, Karen Klinger, Abigail Derby Lewis & Erika Hasle
Field Museum

Photos: Susan Kirt, J&J Balaban, Angella Moorehouse, Iza Redlinski, Martha Chipilis, Cathy Streett, Susan Castagna, Courtney Nash, Maryanne Natarajan, and Patricia Nemeec. Produced by Karen Klinger, Susan Kirt, and Alicia Diaz. Designed by: Alicia Diaz, Field Museum. Acknowledgment: J&J Balaban, Angella Moorehouse, Lex Winter, Maureen Turcatel, and Juliana Philipp [monarchs@fieldmuseum.org] **Legend: L = Larva, A = Adult, N = Nymph, F = Female, M = Male**

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continuation of COMMON INSECT POLLINATORS

FLIES

There are over 110,000 species of Diptera, or True Flies, in the world. They are an incredibly diverse group that come in all shapes and sizes, and many mimic other insect species. After bees, they are the most important group of pollinators.



18 *Bombylius* sp. (F)
Bee fly



19 *Lucilia sericata*
Common green bottle fly



20 *Rhingia nasica*
American snout fly

LADY BEETLES

There are almost 450 species of lady beetles, or lady bugs, in North America. As larvae and adults they feed on plants, but they are also incredible predators of aphids and mites—an adult ladybug eats as many as 5,000 aphids in its lifetime!



21 *Coccinella septempunctata*
Seven-spotted lady beetle



22 *Cycloneda munda*
Red polished lady beetle



23 *Harmonia axyridis* (A)
Asian lady beetle

WASPS

There are almost 13,000 species of wasps in the U.S. and Canada. In addition to being pollinators, wasps play an important ecosystem role as natural pest control.



24 *Vespula malucifrons*
Eastern yellow jacket



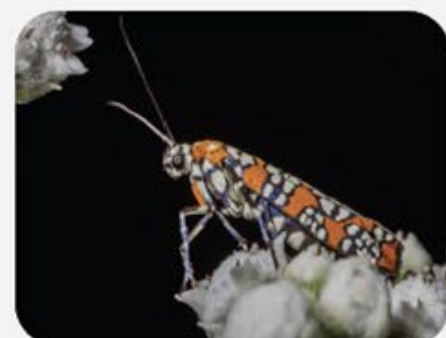
25 *Polistes fuscatus*
Dark paper wasp



26 *Sphex pensylvanicus*
Great black digger wasp

MOTHS

While moths and butterflies belong to the same order, Lepidoptera, moths account for over 90% of Lepidoptera species. Moths are important night-time pollinators, but some species are also active during the day, including all three species pictured here.



27 *Atteva aurea*
Alianthus webworm moth



28 *Cisseps fulvicollis*
Yellow-collared scape moth



29 *Hemaris diffinis*
Snowberry clearwing



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OTHER INSECTS AND SPIDERS

Insects and spiders are among the largest and most diverse groups of living organisms on Earth. Spiders are also one of the oldest groups of species, dating back nearly 380 million years.

This section provides a brief introduction to some of the species that we have seen in midwestern gardens. Use the links below to learn about other insects and spiders that you might find!



39 *Formica* sp.
Formica ant



40 *Grapocephala coccinea*
Candy-striped leafhopper



41 *Lestes rectangularis*
Slender spreadwing



42 *Magicicada septendecim*
Pharaoh cicada



43 *Megacyllene robiniae*
Locust borer



44 *Melanoplus bivittatus*
Two-striped grasshopper



45 *Mecaphesa* sp.
Yellow crab spider



46 *Pardosa* sp.
Wolf spider



47 *Photuris* sp.
Firefly



48 *Popillia japonica*
Japanese beetle



49 *Syrphid* fly larva
Eristalis transversa
Transverse-banded flower fly



50 *Tenodera aridifolia sinensis*
Chinese praying mantis

RESOURCES

Field Museum Field Guides

1. [Beginner's Guide to Moths of the Midwest - Macromoths](#)
2. [Beginner's Guide to Moths of the Midwest - Micromoths](#)
3. [Beginner's Guide to Moths of the Midwest - Geometers](#)
4. [Beginner's Guide to Moths of the Midwest - Owlets](#)
5. [Beginner's Guide to Moths of the Midwest - Tortricids](#)
6. [Beginner's Guide to Moths of the Midwest - Crambids & Pyralids](#)

7. [Creating monarch habitat in your Midwestern garden](#)
8. [Flies of Illinois](#)
9. [Wasps of Illinois](#)
10. [Common Wild Bee Genera of Illinois](#)
11. [Common Butterflies of the Chicago Region](#)
12. [Common Spiders of the Chicago Region](#)

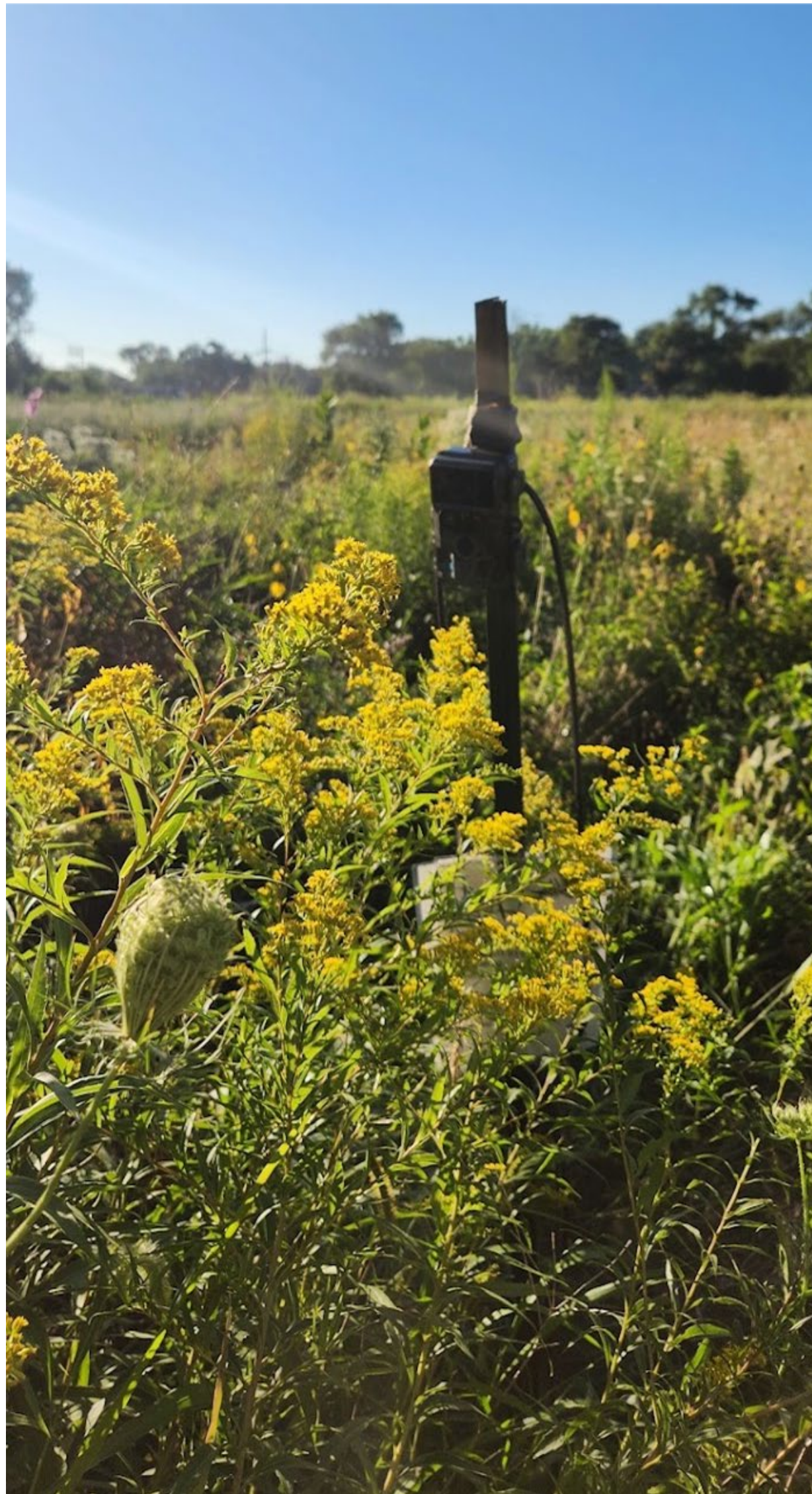
Websites

1. [beespotter.org](#)
2. [inaturalist.org](#)
3. [bugguide.net](#)
4. [www.lostladybug.org/](#)

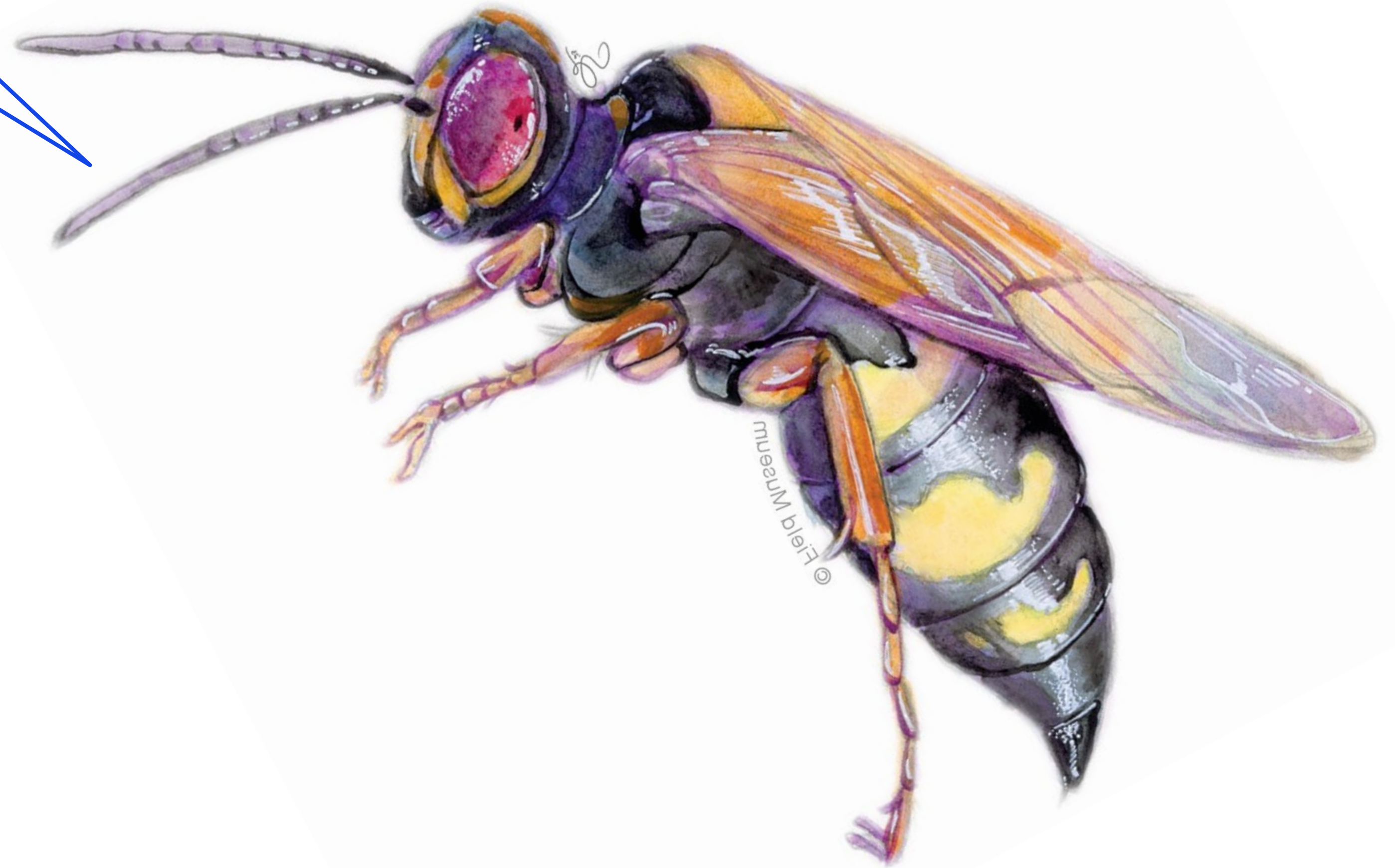
eDNA



Trail Cameras



Questions



Cicada Killer Wasp

Standard Title

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OPTIONAL EYEBROW

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- Lorem ipsum

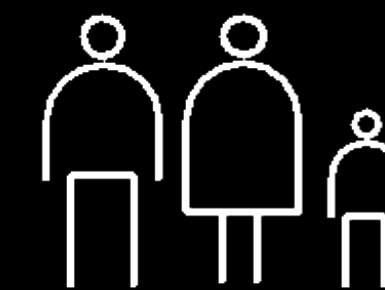
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34% visit because of an interest in science or culture



33% visit because we are a "Must-See" Chicago attraction

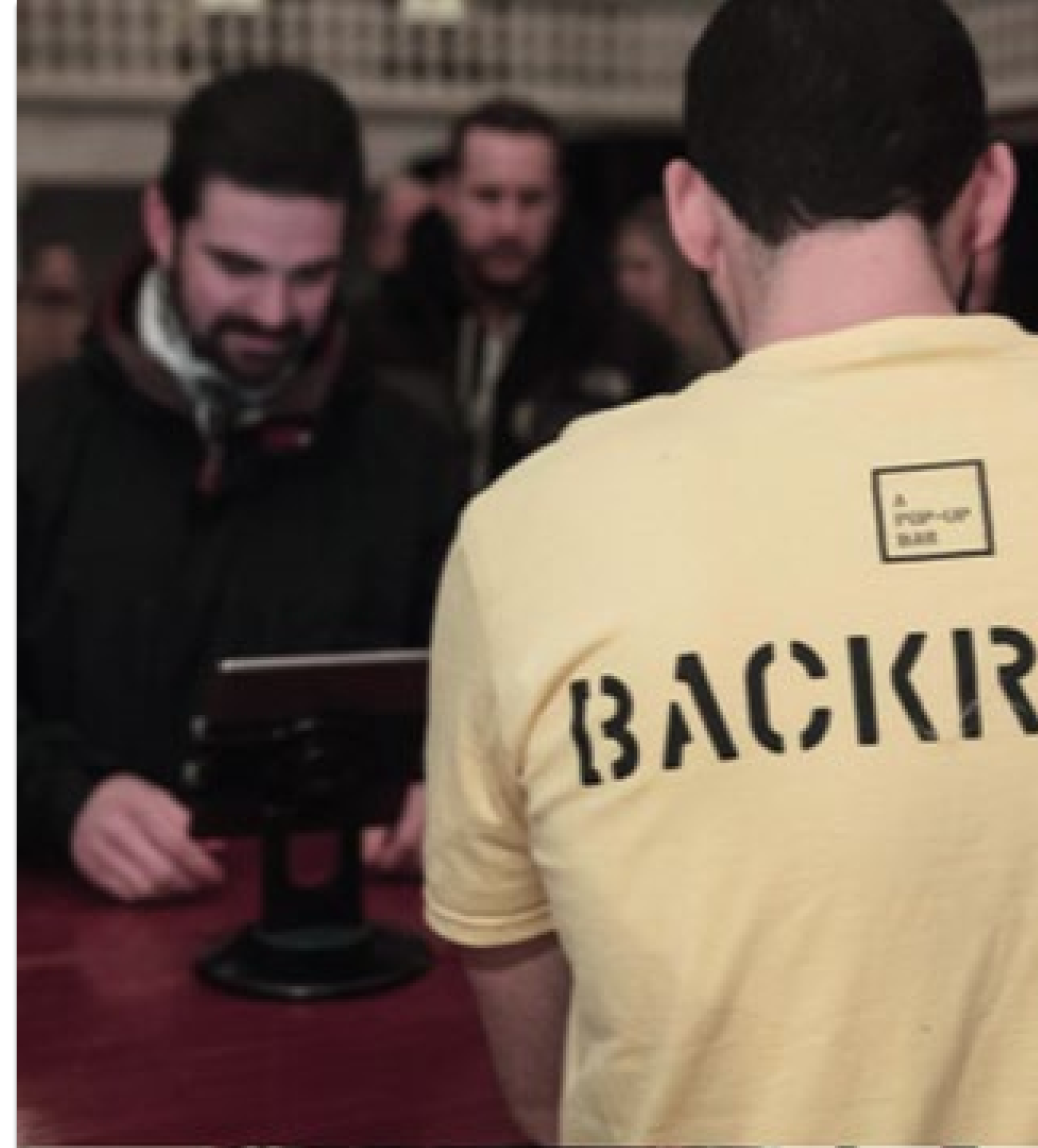


30% visit to spend time with family or friends

OPTIONAL EYEBROW

Standard Title

- Lorem ipsum



List of Something

Person 1

Person 2

Person 3

Something someone said once but now
it has it's own page in the presentation.
Lorem ipsum dolor sit amet con suide.

Something someone said once but now
it has it's own page in the presentation.
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Someone Something Jr.

**FIE
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MUSEUM