

# Results from Four Years of Urban Monarch Community Science in the Chicago Region

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ERIKA HASLE, FIELD MUSEUM

# Field Museum Monarch Community Science



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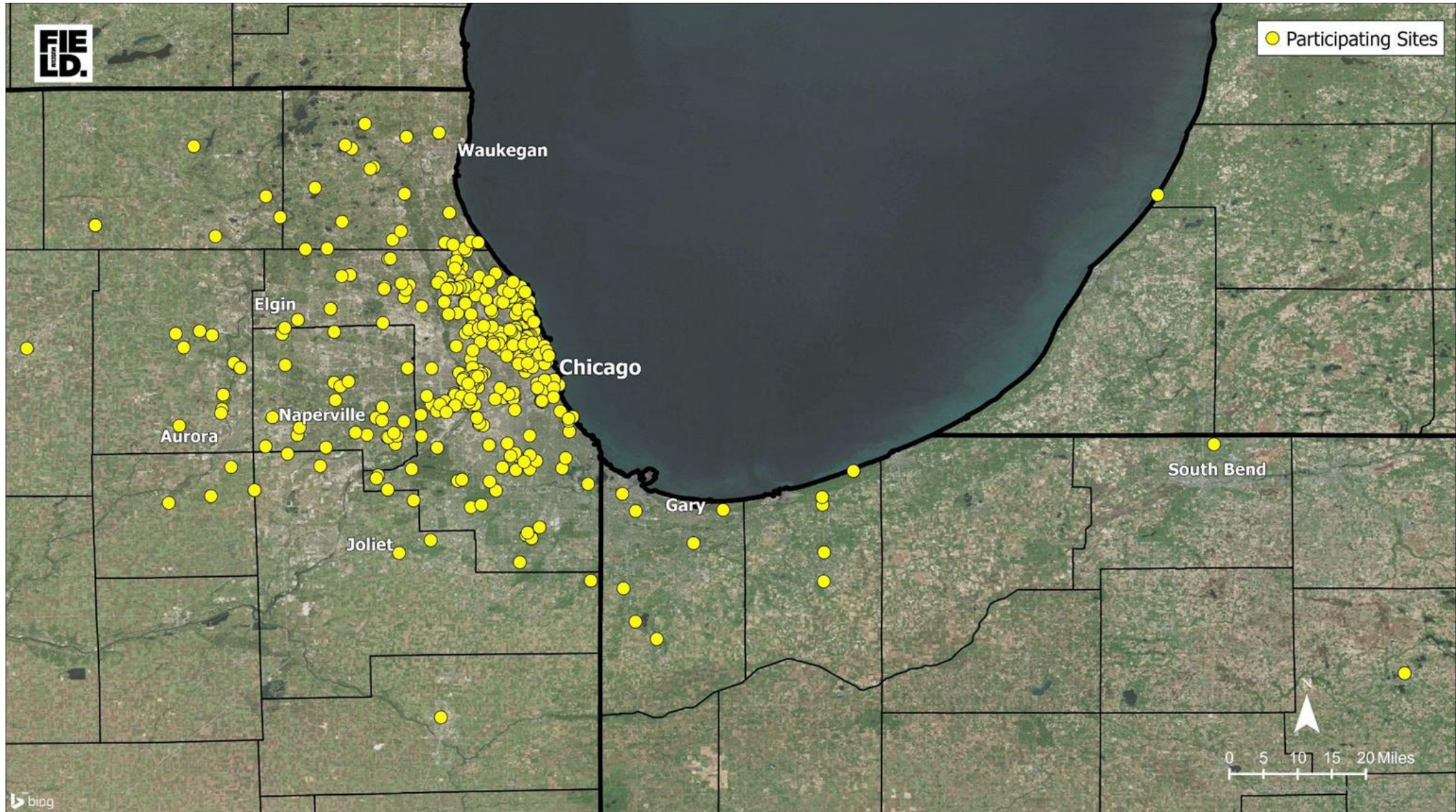


What are the traits of a successful urban monarch garden?





# 428 Participant Sites





# Gardens of all shapes and sizes



Marjorie David



Dawn Kursar



Laurel Dooley



Imeña Valdes



Cathy Streett



Gibson Woods  
Nature Preserve



Phyllis Schulte



# 2019-2022 Observations

<b>Year</b>	<b>Participants</b>	<b>Sites</b>	<b>Patches</b>	<b>Cumulative Milkweed</b>	<b>Total Eggs</b>	<b>Total Caterpillars</b>
<b>2019</b>	71	74	128	21,359 stems	5,036	1,322
<b>2020</b>	179	186	290	34,450 plants	6,055	869
<b>2021</b>	177	184	274	38,323 plants	6,961	824
<b>2022</b>	127	133	221	33,126 plants	1,752	526

# Engaging our Audience

- During the monitoring season we sent a bi-weekly newsletter
  - Open rate above 50% to over 1,000 contacts
- Engaged many first time community scientists
- What we know about our participants?
  - Over 55
  - White woman
  - Almost half were retired



# Results and What's Next

- Early data analysis supports existing literature
  - Established sites, with more milkweed plants, and more blooming flowers attracted more eggs
  - Even our big sites, were small!
  - Common milkweed and Swamp milkweed outperformed other species
- Version 2.0 coming in 2024
  - Excited to connect with other projects!

