

# Pollinator Research at Los Lunas



**BE BOLD.** Shape the Future.

# Plant diversity

- Flower shape and size
- Seasonality
  - 3-5 plant species flowering in each season
- Color
- Reward: pollen and nectar
- Native and ornamental

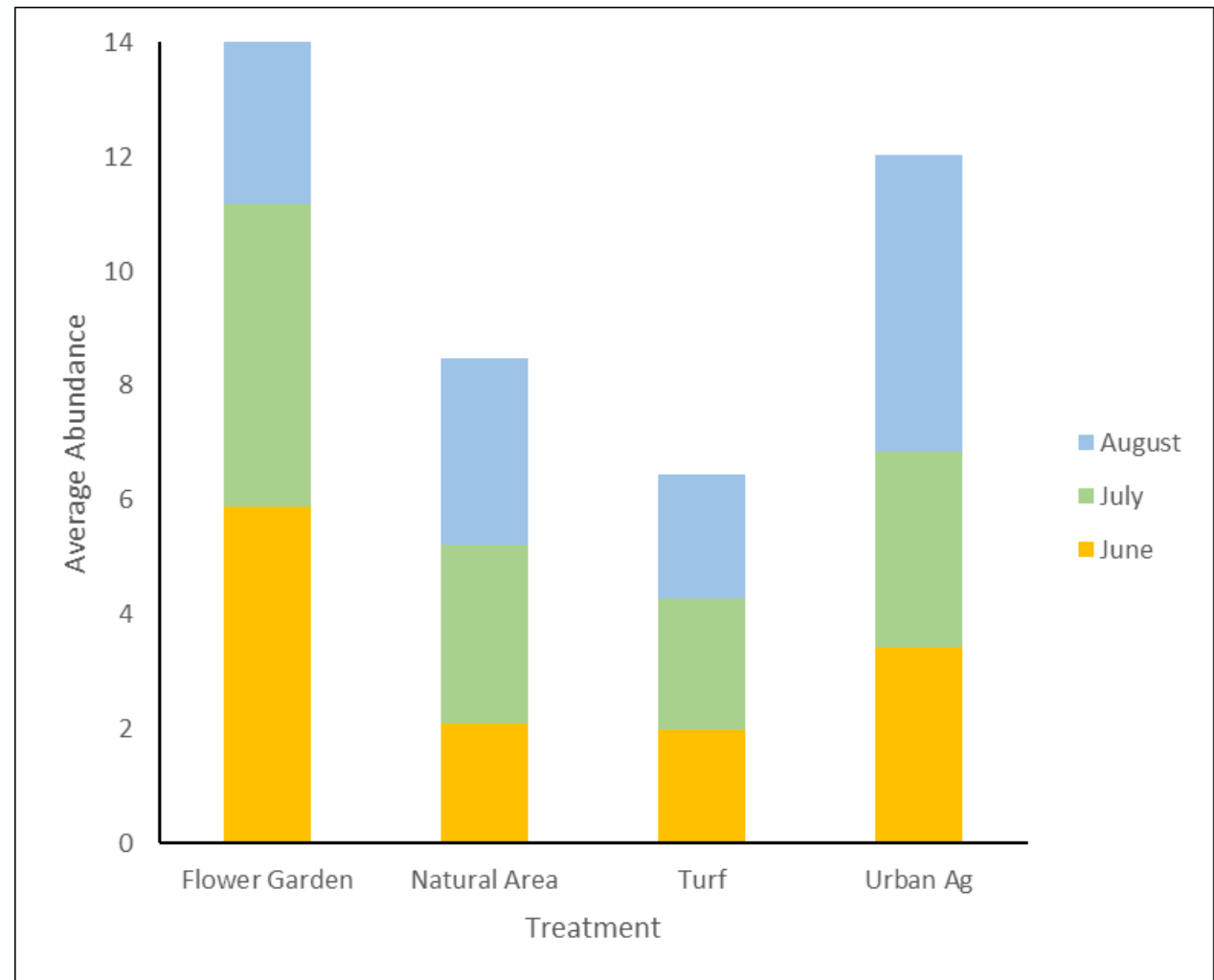


# Peak Bee Activity

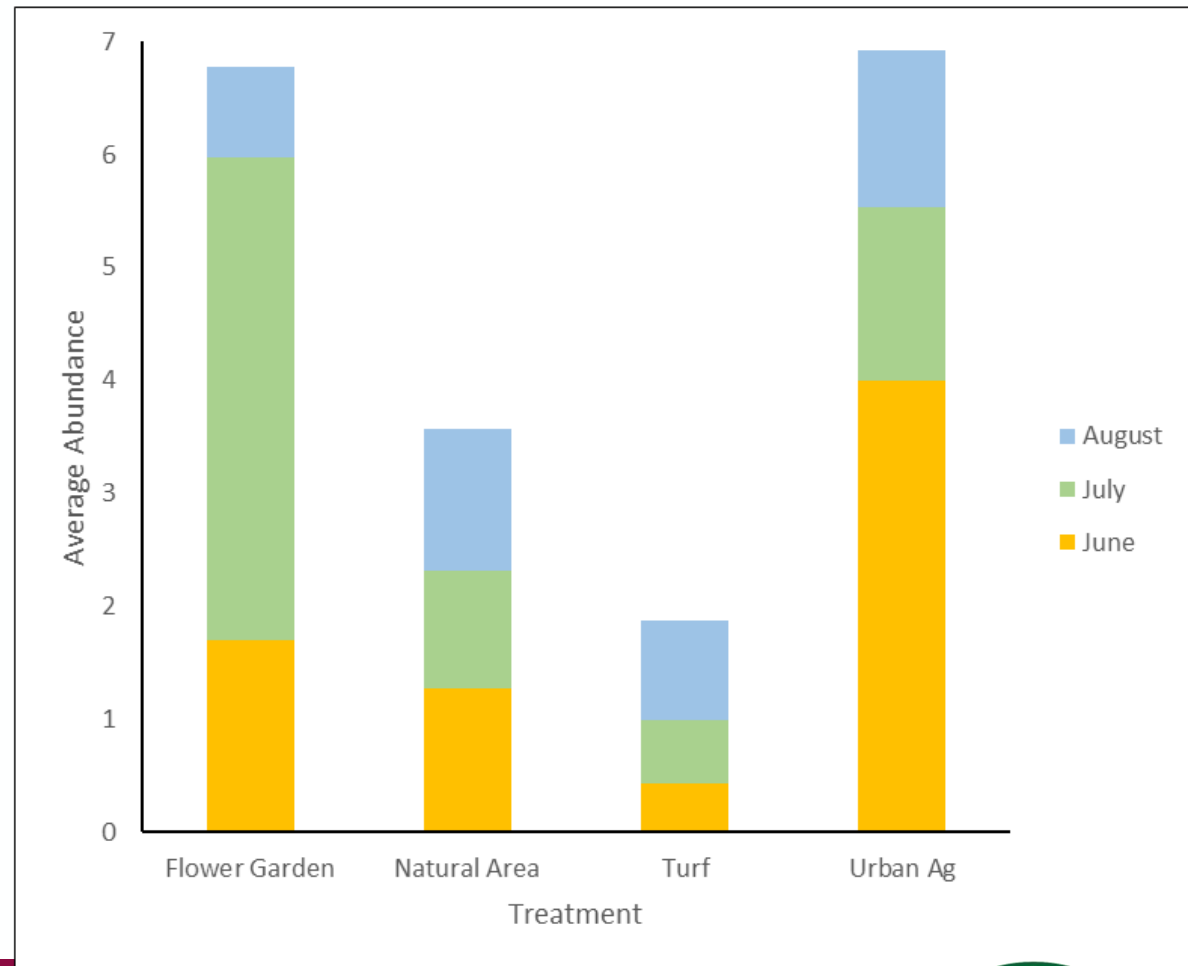
Family	Genus	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov
Colletidae	<i>Colletes</i>				★	★	★				
Colletidae	<i>Hylaeus</i>					★	★				
Andrenidae	<i>Andrena</i>			★	★	★					
Andrenidae	<i>Perdita</i>				★	★	★				
Melittidae	<i>Melitta</i>			★							
Halictidae	<i>Halictus</i>					★	★				
Halictidae	<i>Lasioglossum</i>				★	★	★				
Halictidae	<i>Augochlorella</i>				★	★	★	★			
Megachilidae	<i>Osmia</i>			★	★	★					
Megachilidae	<i>Megachile</i>				★	★					
Apidae	<i>Anthophora</i>				★	★	★				
Apidae	<i>Bombus</i>				★	★	★				
Apidae	<i>Ceratina</i>				★	★	★				
Apidae	<i>Melissodes</i>							★	★		
Apidae	<i>Xylocopa</i>				★	★	★				

Source: Bees in Your Backyard

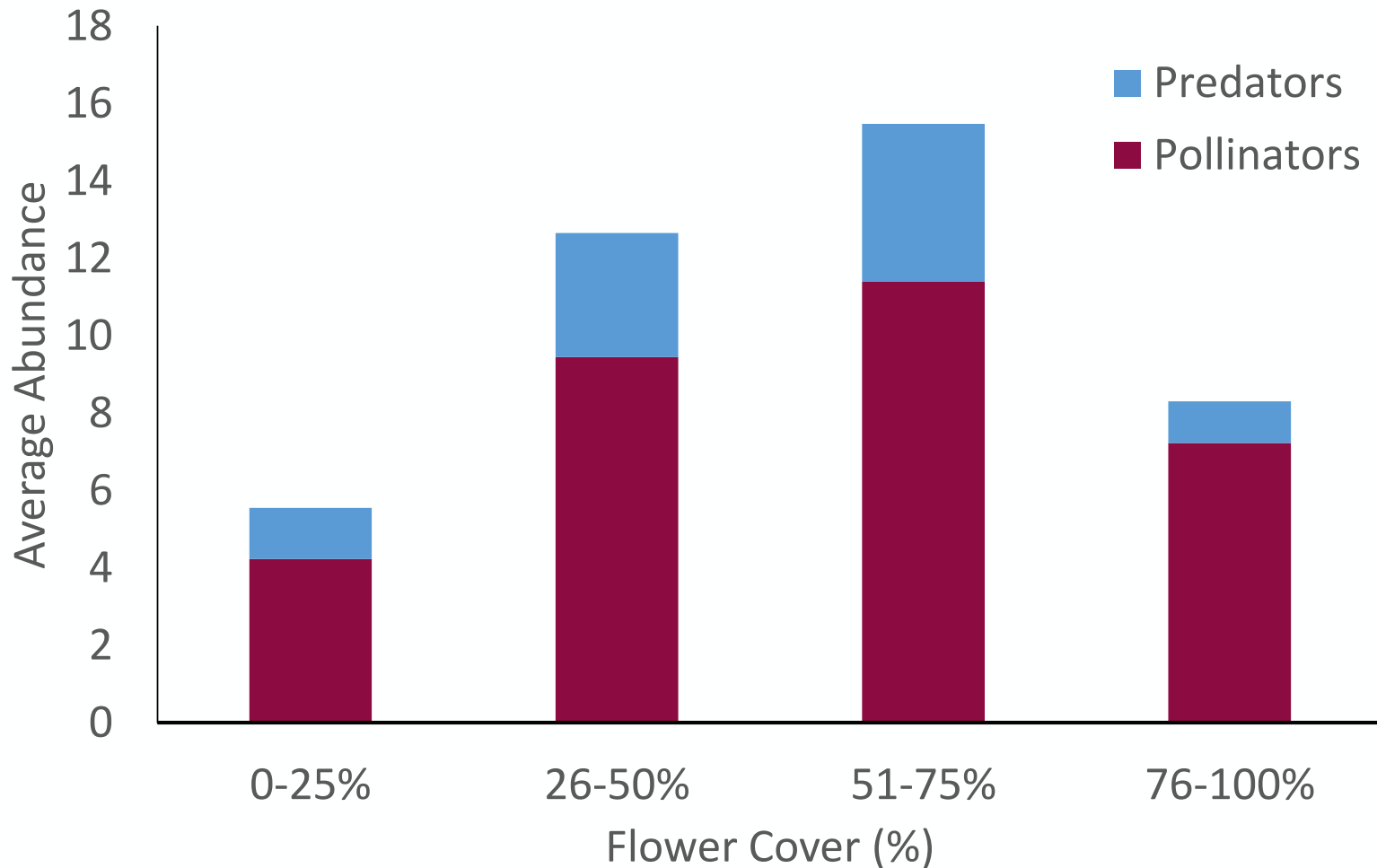
# Pollinators in Urban Green Spaces



# Natural Enemies in Urban Green Spaces



# Flower coverage matters



# Perennial Plants Research

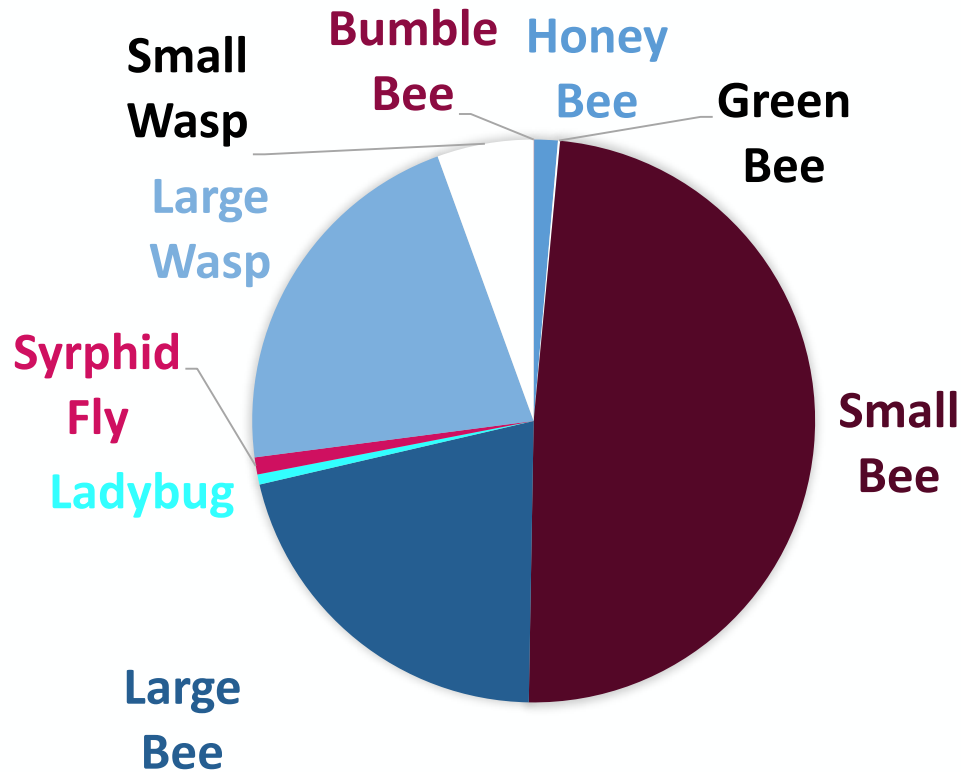
## Pollinators

- Large Bees
- Small Bees
- Green Bees
- Bumble Bees
- Honey Bees

## Natural Enemies

- Large Wasps
- Small Wasps
- Ladybugs
- Syrphid Flies

# Upright prairie coneflower (*Ratibida columnifera*)



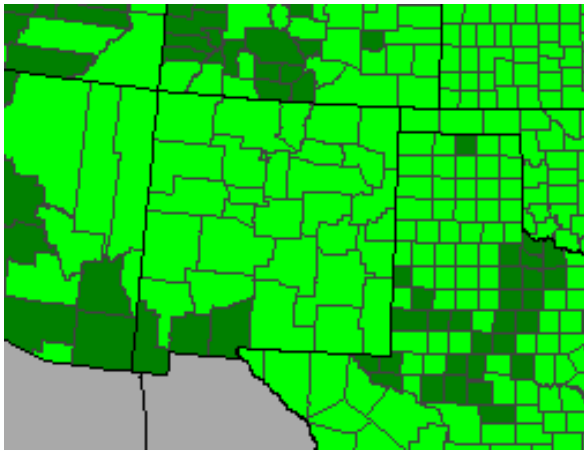
TOTAL VISITS: 3266



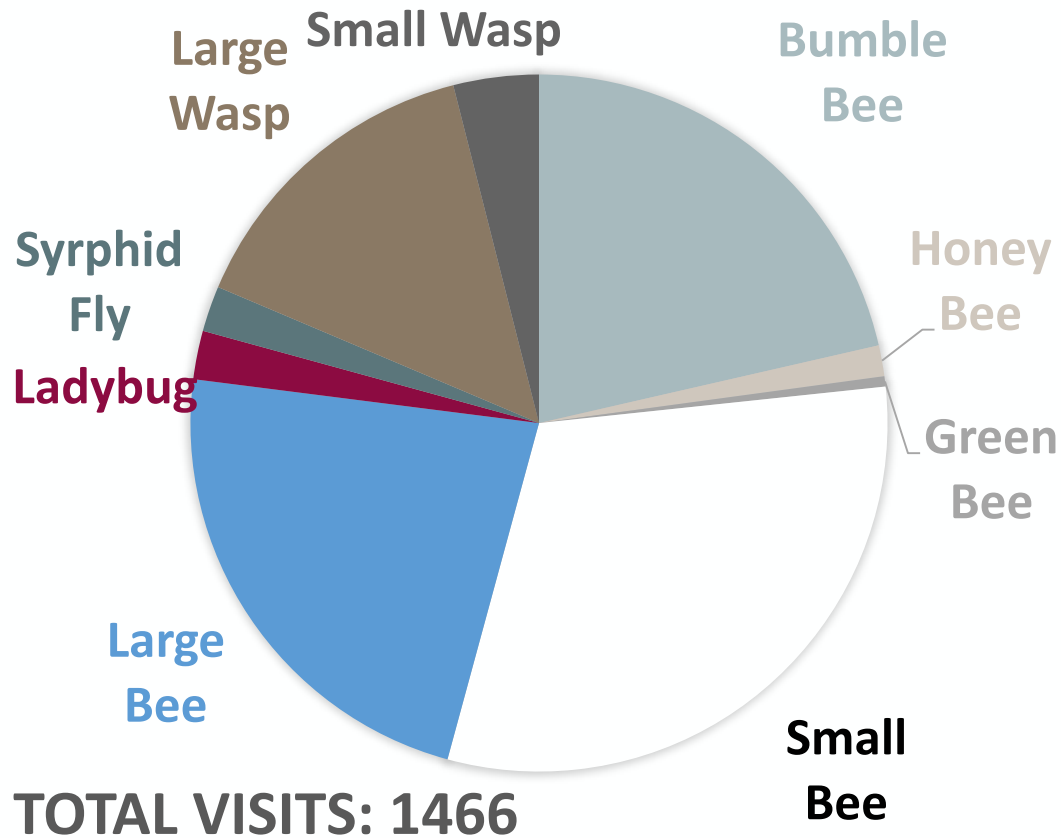


# Upright prairie coneflower (*Ratibida columnifera*)

	May- early	May- late	June- early	June- late	July- early	July- late	Aug- early	Aug- late	Sept- early	Sept- late	Oct- early
era											

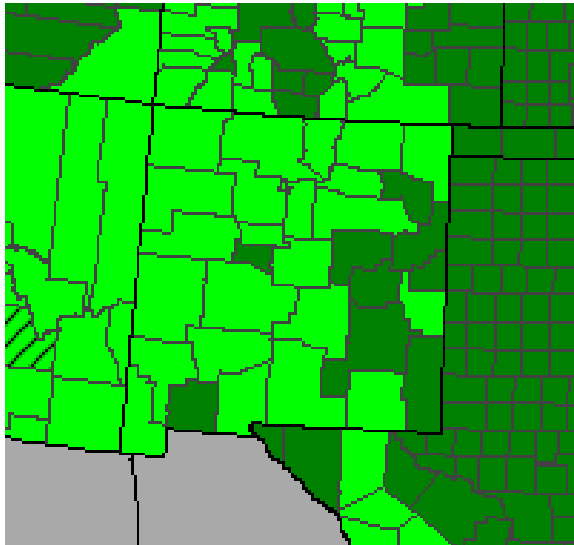


# Wild bergamont (*Monarda fistulosa*)

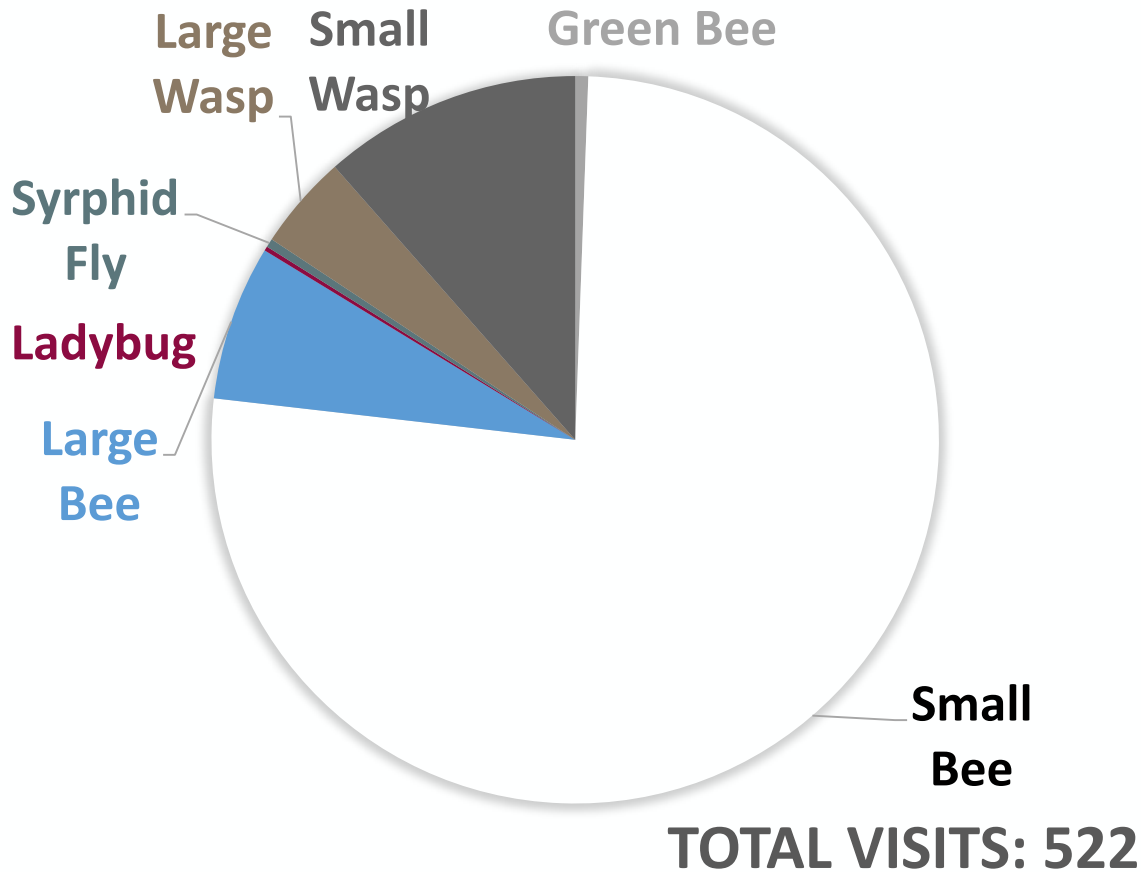


# Wild bergamont (*Monarda fistulosa*)

May- early	May- late	June- early	June- late	July- early	July- late	Aug- early	Aug- late	Sept- early	Sept- late	Oct- early



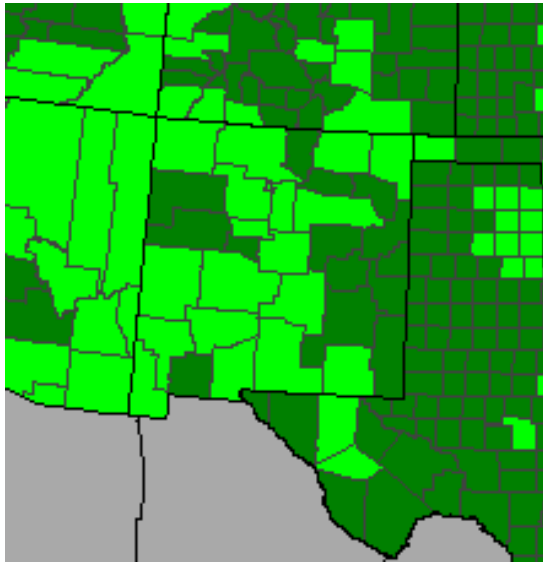
# Butterfly milkweed (*Asclepias tuberosa*)



# Butterfly milkweed

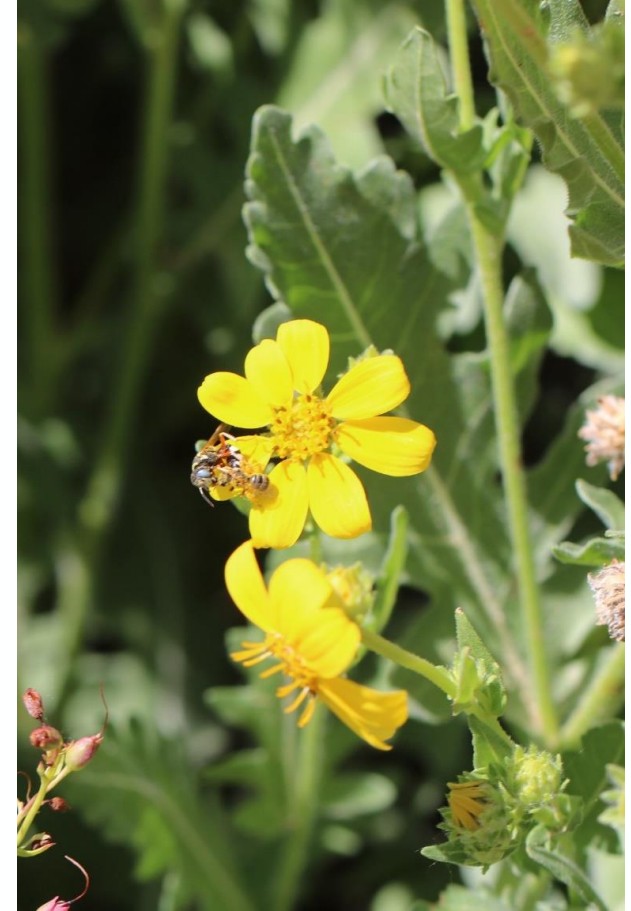
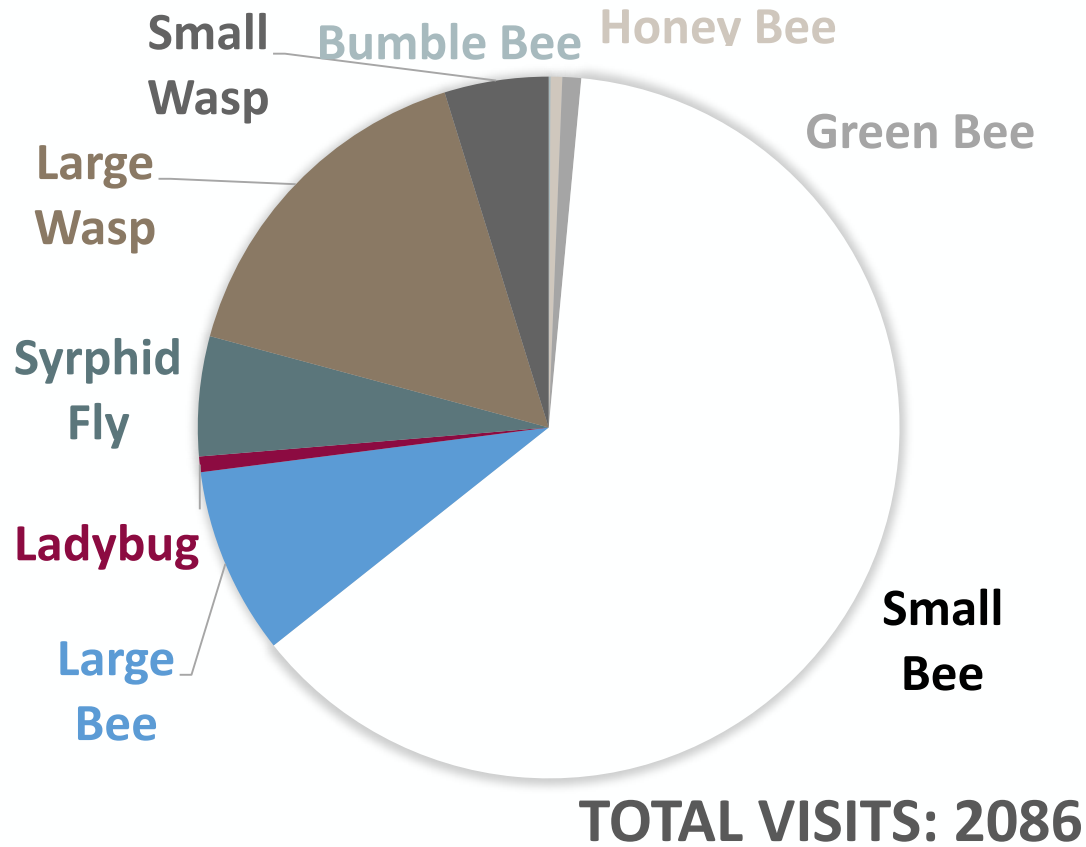
## (*Asclepias tuberosa*)

	May-early	May-late	June-early	June-late	July-early	July-late	Aug-early	Aug-late	Sept-early	Sept-late	Oct-early
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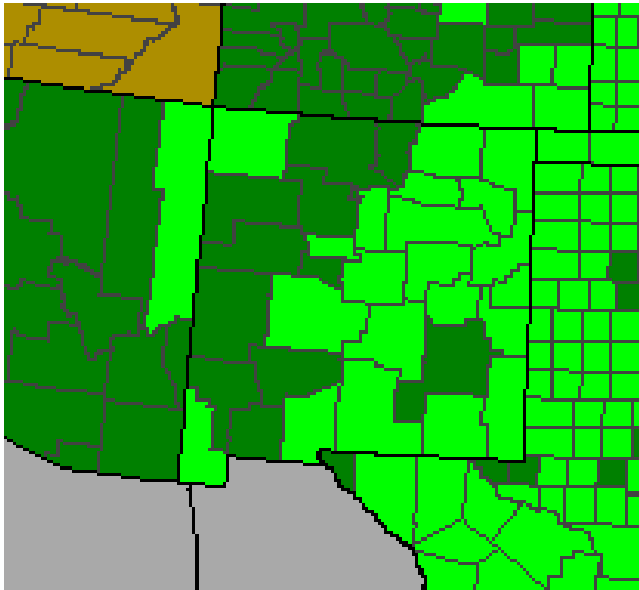


# Englemann's daisy (*Engelmannia peristemia*)

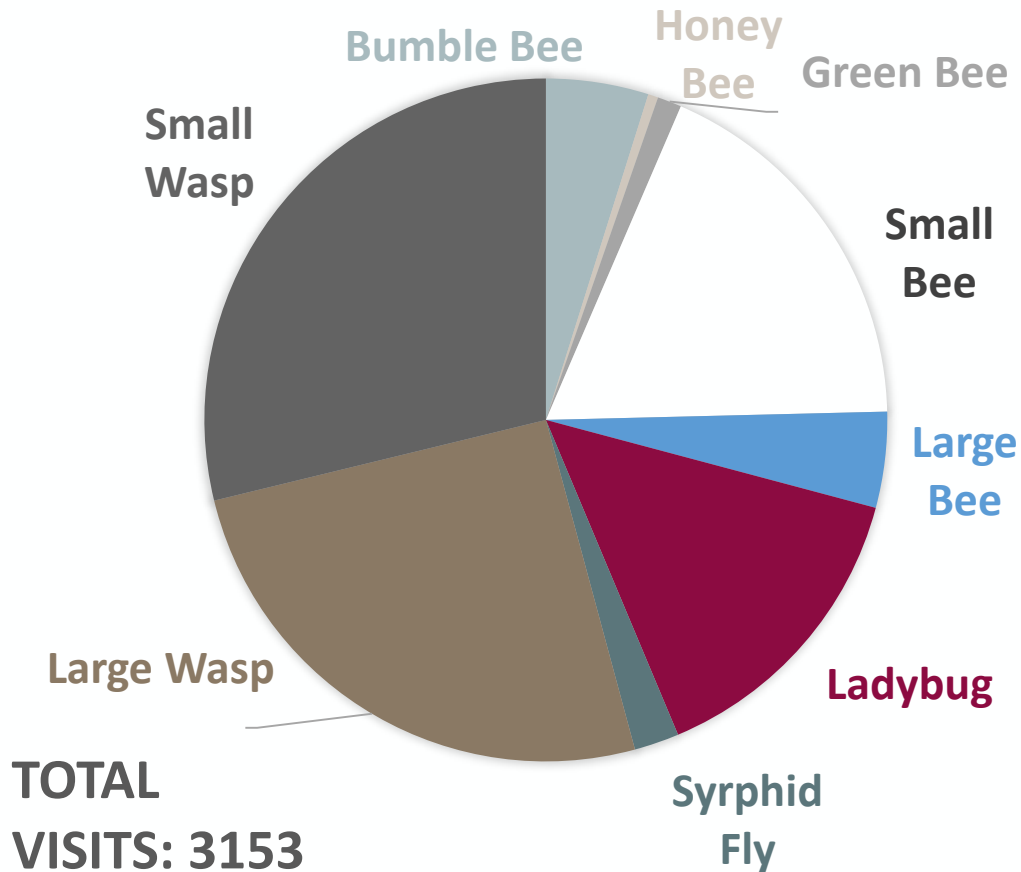


# Englemann's daisy (*Engelmannia peristemia*)

May-early	May-late	June-early	June-late	July-early	July-late	Aug-early	Aug-late	Sept-early	Sept-late	Oct-early
Yellow	Orange	Red	Red	Red	Red	Orange	Orange	Yellow	Yellow	Yellow



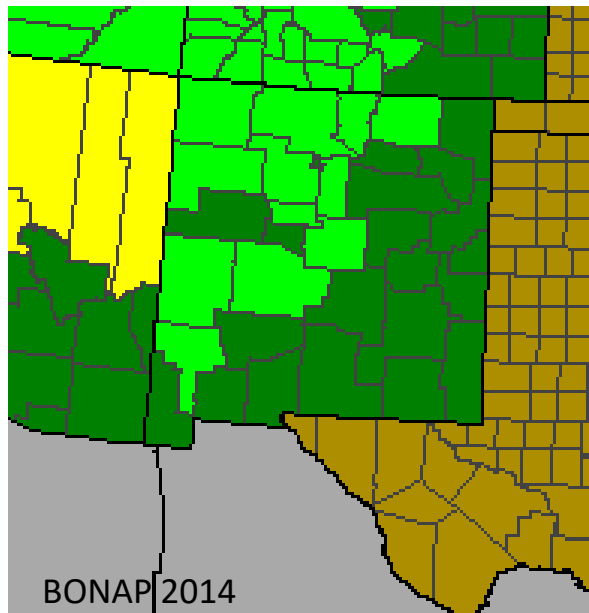
# Rocky Mountain penstemon (*Penstemon strictus*)



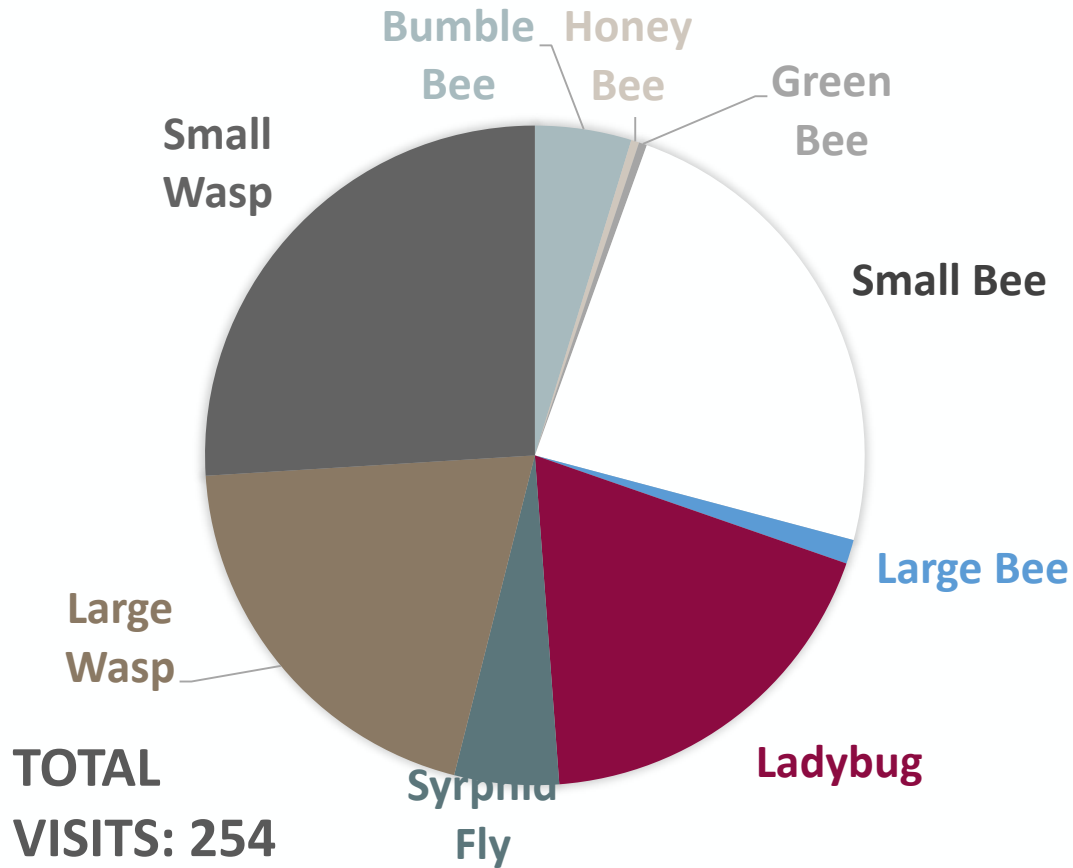


# Rocky Mountain penstemon (*Penstemon strictus*)

May-early	May-late	June-early	June-late	July-early	July-late	Aug-early	Aug-late	Sept-early	Sept-late	Oct-early



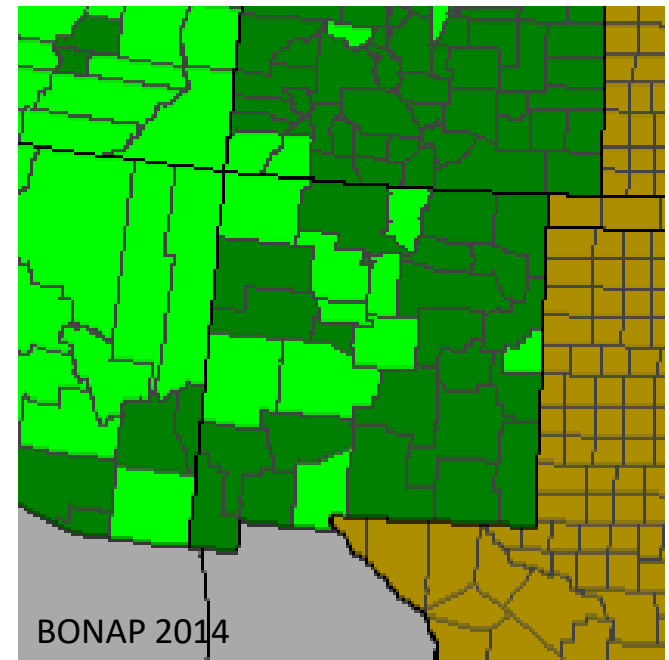
# Palmer's penstemon (*Penstemon palmeri*)



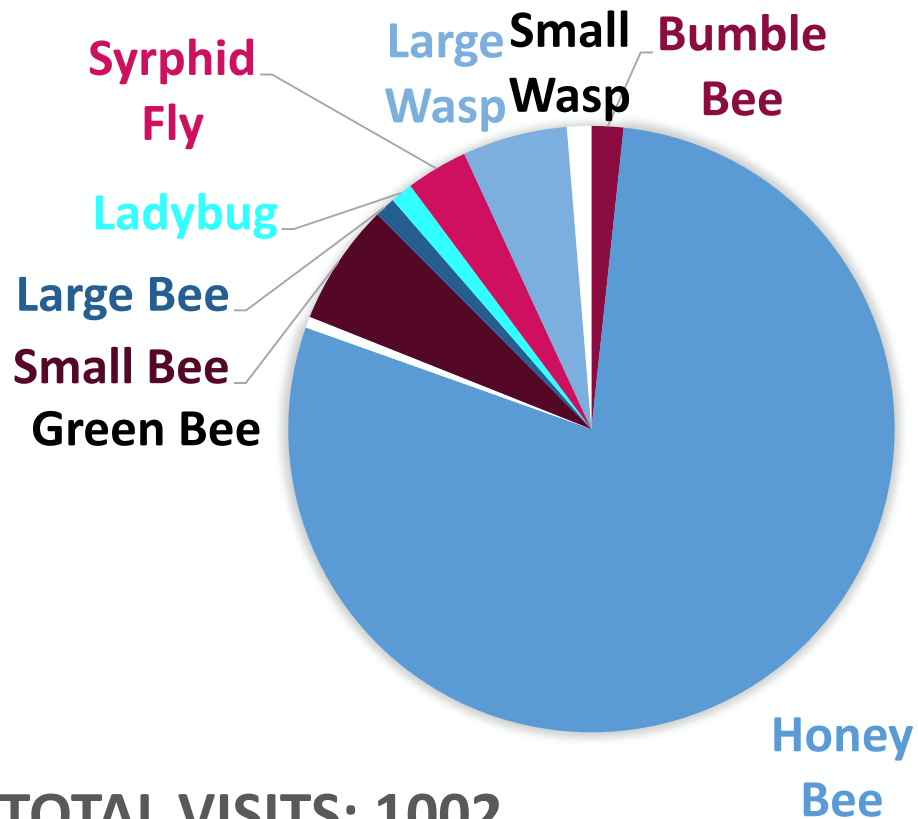
# Palmer's penstemon

## (*Penstemon palmeri*)

May-early	May-late	June-early	June-late	July-early	July-late	Aug-early	Aug-late	Sept-early	Sept-late	Oct-early

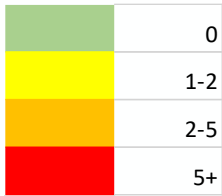


# Riddells ragwort (*Senecio riddelli*)

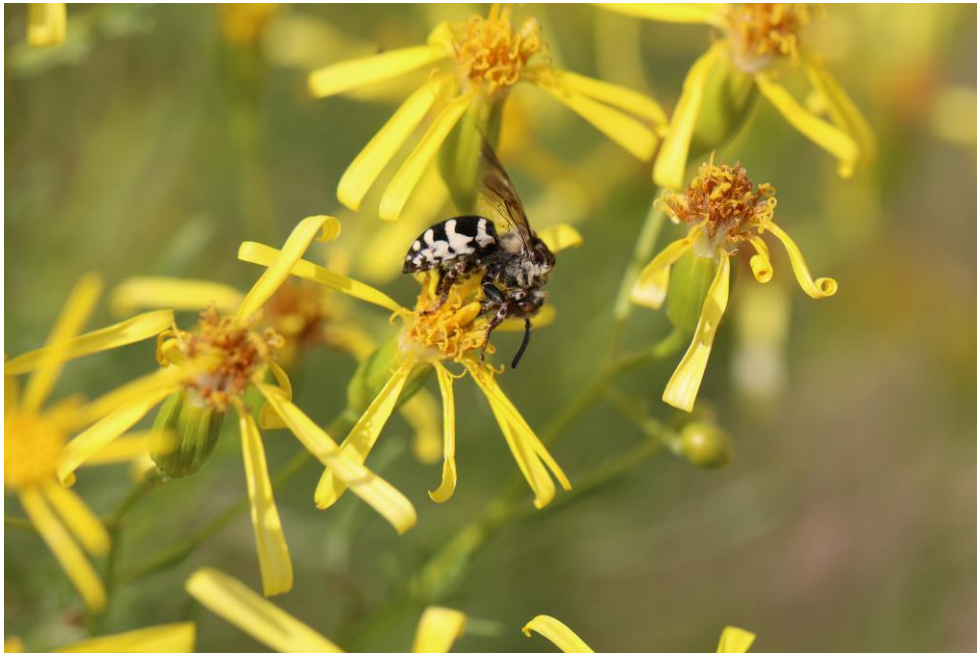
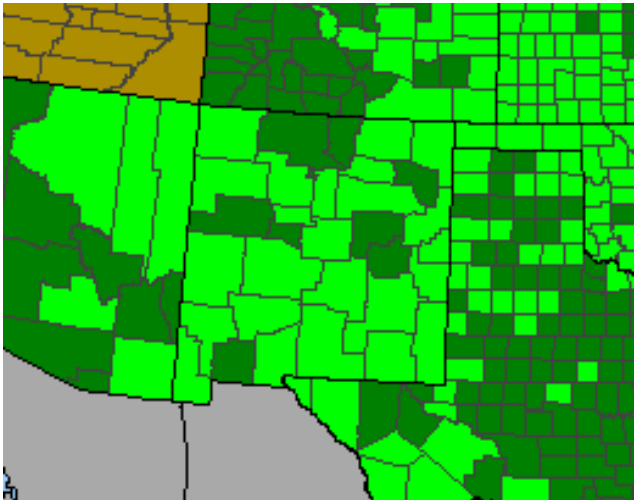


# Riddells ragwort

## (*Senecio riddelli*)



	May-early	May-late	June-early	June-late	July-early	July-late	Aug-early	Aug-late	Sept-early	Sept-late	Oct-early
delli											





# Observe flower visitors



# Contact Information

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*Visit us online:*

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*Find us on social media:*

**@nmsuipm**



United States Department of Agriculture  
National Institute of Food and Agriculture

All photos by Miranda Kersten



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