



THERE IS MORE TO CARPENTER
BEES THAN MEETS THE EYE





Presented by: Ben Naber and
Joshua Solis



BACKGROUND

- The Large Eastern Carpenter Bee is Michigan's largest native bee, at just under an inch
- Often mistaken for bumble bees, but lack hair on their abdomen
- Drill 7-8 one-inch holes for eggs to be laid in





HABITAT DESTRUCTION

- **Woodland habitat is often destroyed for farmland or housing.**
- **Important species are driven out of their environment/habitat.**



NICHE

- **Niche:** The role of an organism in an ecosystem and/or habitat
- Pollenator and food source





ROLE AS POLLINATOR

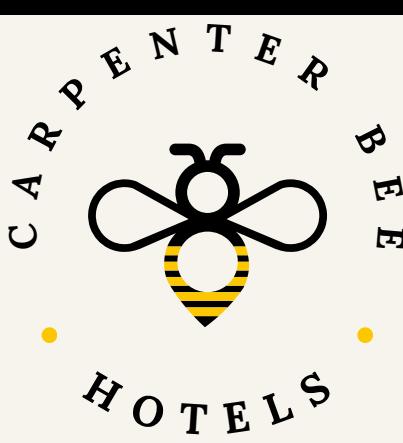
- Responsible for 15% of all agricultural pollination
- Buzz pollination



ROLE AS FOOD SOURCE

- Food source when both larvae and adult
- Old holes can be new homes





IMPACT TO STRUCTURES

- Bees often resort to making homes in man-made structures.
- According to Deena Hauze, “Eastern Carpenter Bees can damage wooden structures like homes, railings, fences, and buildings.”
- Bees can only work with certain types of wood.





STING RISK

- Carpenter bees are more common in homes
- Carpenter bees are very territorial.





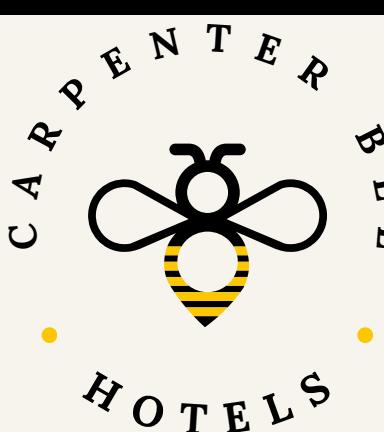
SOLUTIONS

- Supporting conservation efforts of woodland habitats
- Planting native flowers
- Build bee hotels



WHAT ARE BEE HOTELS?





MSU INITIATIVE

- Preserves land for ecosystems and habitats
- MSU Michigan Pollinator Initiative
- Pollination garden



MICHIGAN STATE

UNIVERSITY

OUR ACTION



Students



Pollinator Garden



Bee Hotel

“IF THE BEE DISAPPEARED OFF THE
SURFACE OF THE GLOBE, THEN MAN
WOULD ONLY HAVE FOUR YEARS OF LIFE
LEFT.”

-ALBERT EINSTEIN

THANK YOU