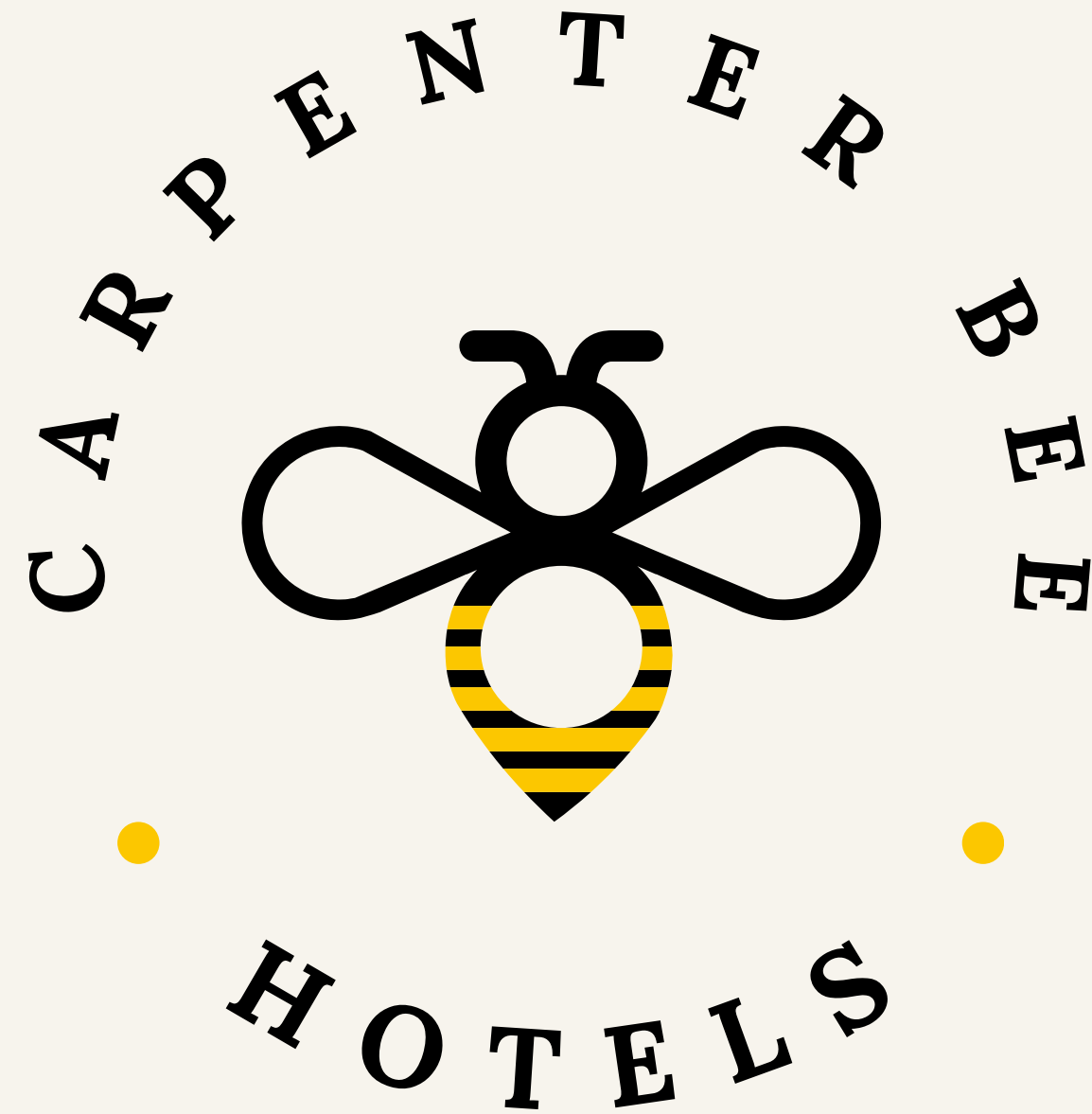




THERE IS MORE TO CARPENTER BEES THAN MEETS THE EYE





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.

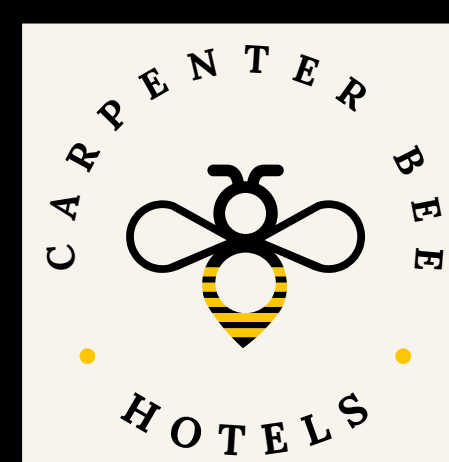




NICHE

- 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

U N I V E R S I T Y



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