

Pollinator Safari Report

Location: Rose Kennedy Greenway, from Rowes Wharf Plaza to Carolyn Lynch Gardens

Date: 7/28/2022

Time: 3:30-5pm

Temperature: 85F

Leaders: Nick Dorian, Leslie Spencer, Jessie Thuma, Atticus Murphy, Isaac Weinberg

*Hosted in collaboration with Rose Kennedy Greenway Conservancy

Bees

European honey bee (*Apis mellifera*)

Common eastern bumble bee (*Bombus impatiens*)

Brown-belted bumble bee (*Bombus griseocollis*)

Masked bee (*Hylaeus* sp.)

Large carpenter bee (*Xylocopa virginica*)

- Distinguish from bumble bees by polished black abdomen and dark-mustard thorax with a perfectly round black spot in the middle

Denticulate longhorn bee (*Melissodes denticulatus*)

- males with very long antennae, females with thick brushes of hair on hind legs
- closely associated with ironweed *Vernonia*

Metallic green sweat bee (Augochlorini)

Striped-sweat bee (*Agapostemon* sp.)

Sweat bee (*Lasioglossum* sp.)

Hostile leaf-cutter bee (*Megachile inimica*)

- actually very gentle, likes yellow asters

Sculptured resin bee (*Megachile sculpturalis*)

Oblong wool-carder bee (*Anthidium oblongotum*)

Leaf-cutter bee (*Megachile* sp.) *likely *M. mendica*

Butterflies/Moths

Cabbage white (*Pieris rapae*)

Monarch (*Danaus plexxipus*)

Wasps

Great black digger wasp (*Sphex pensylvanicus*)

- Big, black, and iridescent. Flies fast like a flashy sports car. They hunt katydid and drink nectar. Totally harmless to people.

Brown-legged grass-carrying wasp (*Isodontia auripes*)

- Solitary and harmless, hunts crickets, thin waist

European paper wasp (*Polistes dominula*)

Four-banded stink bug wasp (*Bicyrtes quadrifasciatus*)

Hover Flies

Thick-legged fly (*Syrirta pipiens*)

Other Flies

Common green bottle fly (*Lucilia sericata*)

Root-maggot fly (Anthomyiidae)

Thick-headed fly (*Physocephala tibialis*)

- Endoparasite of bumble bees = lays eggs inside bumble bee workers
- Egg hatches and eventually causes bumble bees to dig their own grave where the fly larva pupates in the soil

Beetles

None :(

Other flower-associated arthropods

False milkweed bug (*Lygaeus turcicus*) *strongly associated with *Heliopsis*