

| Pollinator/Beneficial insects | Seed Increase Plot Taxa | | | | | TOTAL Visitors per insect group |
|--|--------------------------------------|--|--|---|--|---------------------------------------|
| | <i>Juncus tenuis</i> , path rush* | <i>Eupatorium</i> <i>perfoliatum</i> , boneset | <i>Verbena</i> <i>hastata</i> , blue vervain | <i>Asclepias</i> <i>incarnata</i> , swamp milkweed | <i>Eutrochium</i> <i>dubium</i> , coastal Joe-Pye weed | |
| Honey Bees | 0 | 119 | 35 | 76 | 109 | 339 |
| <i>Bombus impatiens</i> (common eastern) | 0 | 8 | 9 | 32 | 136 | 185 |
| Carpenter Bees (<i>Xylocopa</i>) | 0 | 0 | 0 | 13 | 2 | 15 |
| Other Bumble bees | 0 | 0 | 2 † | 5 | 3 † | 5 |
| Green Sweat Bees (<i>Agapostemon</i> , | 0 | 0 | 4 | 2 | 0 | 6 |
| Small Dark Bees (Black <i>lasiglossum</i> , | 0 | 514 | 572 | 505 | 504 | 2095 |
| Small Wasps (smaller than honeybee) | 0 | 34 | 5 | 8 | 4 | 51 |
| Large Wasps | 0 | 16 | 1 | 13 | 0 | 30 |
| Small Flies** | 3 | 685 | 501 | 504 | 556 | 2249 |
| Large Flies (House fly or larger) | 0 | 48 | 6 | 18 | 4 | 76 |
| Ladybugs | 1 | 9 | 1 | 3 | 2 | 16 |
| Butterflies | 0 | 2 | 0 | 3 | 2 | 7 |
| Beetles | 0 | 0 | 1 | 0 | 2 | 3 |
| Other | 0 | 9 | 4 | 6 | 15 | 34 |
| Cuckoo Bees (<i>Nomada</i> , <i>Sphecodes</i> , | 0 | 0 | 0 | 0 | 0 | 0 |
| Long-horned Bees (<i>Melissodes</i> , | 0 | 0 | 0 | 0 | 0 | 0 |
| Moths | 0 | 14 | 3 | 3 | 11 | 31 |
| Large Dark Bees (Larger <i>Andrena</i> , | 0 | 0 | 0 | 0 | 0 | 0 |
| Metallic Hairy Bees (<i>Osmia</i>) | 0 | 0 | 0 | 0 | 0 | 0 |
| Dark Hairy Belly Bees (<i>Megachile</i>) | 0 | 0 | 0 | 0 | 0 | 0 |
| <i>Anthidium</i> sp. | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Visitors per plant species | 4 | 1458 | 1144 | 1191 | 1350 | 5142 |

Entomology report was prepared by Smith College Graduate Student, Mariel Dunn. Six surveys were conducted over the course of the flowering season: 7/11, 8/2, 8/7, 8/13, 8/27. 9/5

NOTES:* past flowering, harvested seed after first survey (7/11)

**These (mining bees) were in great abundance (and are relatively small) across all flowers (estimated at 100 per survey per species)

† other bumble bees possibly include *bombus vagans* and *bombus affinis*. because they are at risk/endangered, I am hesitant to be definitive, but I am relatively confident. butterfly was a monarch on *Verbena hastata* on 7/11.

Bombus vagans was ID'd on 8/2, 8/13 on *Eutrochium dubium*;

Bombus vagans was ID's on 8/13 on *Verbena hastata*