

golden northern bumble bee *Bombus fervidus*

Kingdom: Animalia

Division/Phylum: Arthropoda

Class: Insecta

Order: Hymenoptera

Family: Apidae

ILLINOIS STATUS uncommon, native

FEATURES

Coloration is somewhat variable. Color in the descriptions refers to “hair” color. “Hair” is of medium length. The face is black. The thorax and the first four abdominal segments are mainly yellow. There is usually a black band between the base of the wings. The fifth abdominal segment is black. Wings are clear with black veins.

BEHAVIORS

These insects are long-tongued bees that are found in open fields and meadows. They are often seen at honeysuckles (*Lonicera* spp.), thistles (*Cirsium* spp.), clovers (*Trifolium* spp.), beardstongues (*Penstemon* spp.), loosestrifes (*Lythrum* spp.), vetches (*Vicia* spp.) and bee balms (*Monarda* spp.). They are important pollinators of the flowers that they visit to collect nectar and pollen. They are eusocial insects. They nest on or under the surface of the ground. Their life cycle includes egg, larva, pupa and adult stages. Only the fertilized queen overwinters from a colony. In the spring, she selects a nest site and constructs the nest, which is lined with plant materials. The first brood raised consists of all workers (females). The workers do all the jobs of the hive except egg-laying. Late in the year both males and queens are produced. Males mate with queens in the fall.

HABITATS

Aquatic Habitats

marshes; peatlands; wet prairies and fens

Woodland Habitats

none

Prairie and Edge Habitats

black soil prairie; dolomite prairie; edge; gravel prairie; hill prairie; sand prairie; shrub prairie

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