

BUMBLEBEE COLONY CYCLE



**Queen emerges from
hibernation**

Queen founds colony



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hibernation**

BUMBLEBEE COLONY CYCLE

Colony growth

Queen founds colony



BUMBLEBEE COLONY CYCLE



Queen emerges from hibernation

Queen founds colony



Colony growth



Colony produces new queens and males



Queen

Male

Male

BUMBLEBEE COLONY CYCLE



Queen emerges from hibernation

Queen founds colony



Colony growth



Colony produces new queens and males



Queen

Male

BUMBLEBEE COLONY CYCLE



Queen emerges from hibernation



Queens and males mate

Queen founds colony



Colony growth



Colony produces new queens and males



Queen

Male

BUMBLEBEE COLONY CYCLE



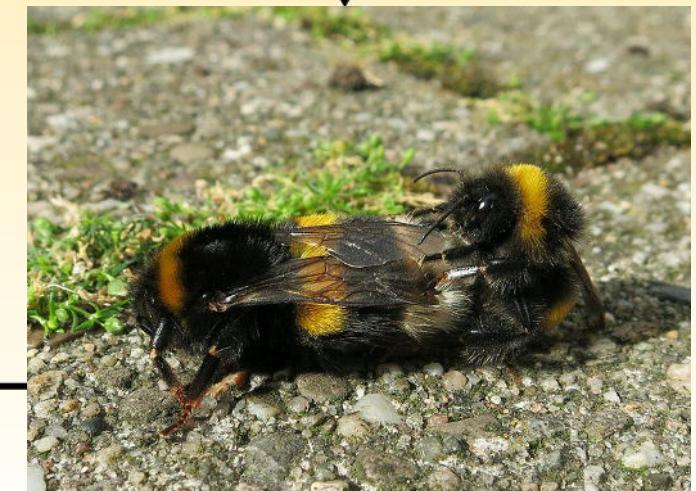
Queen emerges from hibernation



Queen hibernates



Males die



Queens and males mate

References

- Emerging queen *B.terrestris*– Vera Buhl, Wiki Commons
- Founding Queen – Andrew Bourke, University of East Anglia
- Colony Growth – Andrew Bourke, University of East Anglia
- Dead male *B.terrestris* – Nikki Kaminga, Pixabay
- Queen *B.terrestris* – Gail Hampshire, flickr
- Male *B.terrestris* – Daniel Villafruela, Wiki Commons
- Mating *B.terrestris* – Thomas Schoh, Wiki Commons
- Hibernating Queen – Tristram Brelstaff, Wiki Commons