

# Fact Sheet: About Bumblebees

At the Bumblebee Conservation Trust, we are passionate about saving bees. Here is why.

## Save our bees

Bumblebees are among the most loved and familiar of garden insects. The sight and sound of them buzzing from flower to flower is an essential part of summertime, but sadly these fat, furry little creatures are struggling to survive.

At the time of writing, 24 bumblebee species are found in the UK, but unfortunately, in the last 80 years, two UK species have become extinct and others have declined sharply. In our modern world of paved gardens and intensive farming, our bumblebees find themselves hungry and homeless. The reason for this is simple and clearly visible: there are now far fewer flowers to provide bees with the pollen and nectar that they need to survive. But all is not lost – you can take action today to help save these hardworking pollinators. This fact sheet explains how.



## What's so different about the bumblebee?

To most people, bees are instantly recognisable but there are distinct differences between the appearance and lives of bumblebees and honeybees. Bumblebees are larger and hairier than their cousins which makes them perfectly suited for colder climates. Bumblebee nests are small and they do not store large quantities of honey, so their extra furry coat allows them to venture out on cold days to collect pollen and nectar when honeybees stay inside.

## Don't 'bee' confused

Don't confuse bumblebees with wasps. Bumblebees do not swarm and are not aggressive. Only female bumblebees can sting and they will only do so if they feel very threatened. Bumblebees will never interrupt your picnic or steal your sandwiches!



## Buzz pollination

Only bumblebees are capable of buzz pollination. This is when the bee grabs the flower and produces a high-pitched buzz. This releases pollen that would otherwise stay trapped inside. Key ingredients in our diet such as tomatoes are pollinated in this way. Many other common foods such as beans and peas would also be harder to produce and much more expensive without British bumblebees.

### **Did you know that bumblebees have smelly feet?**

Well they do and they're quite useful! After feeding, they leave a scent on the flower which lets other bumblebees know to avoid wasting energy landing – the flower will contain very little nectar or pollen.

### **Things you can do to help**

Bumblebees help pollinate plants in more than one million acres of British gardens and the flowers they find can be a lifeline for them. No matter how small your garden, you can help to save the sound of summer by providing lots of bee-friendly flowers throughout the year. By 'bee-friendly' we mean flowers that are rich in pollen and nectar. Many ornamental plants that are commonly found in British gardens, such as pansies and begonias, are of no value to wildlife. These decorative and colourful flowers often produce little pollen or nectar. However, there are hundreds of beautiful flowers that do offer these rewards, including foxgloves, lavender, geraniums, herbs and wild roses that you can add to your garden.

### **Why not try planting these?**



Geranium



Lavender



Wild rose

### **Energy drink for bees**

If you find a stranded or sleepy bumblebee, you can help to boost its energy levels with a simple sugar and water mix. Mix equal parts white sugar and warm water then pour into a small container or sponge. Place both the bee and the artificial nectar near to some flowers.



### **Act now**

You can also help by supporting our work to conserve bumblebee habitats and raise public awareness. There are various ways to show your support including volunteering, fundraising and becoming a member of the Bumblebee Conservation Trust. For more information on all of the above, including access to our Bee Kind gardening web page, visit: [www.bumblebeeconservation.org](http://www.bumblebeeconservation.org)