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Mobile phone towers a threat to honey bees: study

August 31st, 2009



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Honeybees on flowers outside the Presidential Palace in New Delhi. The electromagnetic waves emitted by [mobile phone](#) towers and cellphones can pose a threat to honey bees, a study published in India has concluded.

The electromagnetic waves emitted by mobile phone towers and cellphones can pose a threat to honey bees, a study published in India has concluded.

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[Honey Bees Need Your Help - HelpTheHoneyBees.com](#)

The honey bees are in trouble but Häagen-Dazs® ice cream can help!

An experiment conducted in the southern state of Kerala found that a sudden fall in the bee population was caused by towers installed across the state by [cellphone](#) companies to increase their network.

The [electromagnetic waves](#) emitted by the towers crippled the "navigational skills" of the worker bees that go out to collect nectar from flowers to sustain bee colonies, said Dr. Sainuddin Pattazhy, who conducted the study, the Press Trust of India news agency reported.

He found that when a cell phone was kept near a [beehive](#), the worker bees were unable to return, leaving

the hives with only the queens and eggs and resulting in the collapse of the colony within ten days.

Over 100,000 people in Kerala are engaged in apiculture and the dwindling worker bee population poses a threat to their livelihood. The bees also play a vital role in pollinating flowers to sustain vegetation.

If towers and mobile phones further increase, honey bees might be wiped out in 10 years, Pattazhy said.

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A study of the highest scientific standards, I'm sure.

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A study of the highest scientific standards, I'm sure.

Hey noosfractal, instead of being sarcastic why don't you make a point.

I don't know if electromagnetism is what bees use to navigate. I used to think it is sunlight and the sun's position in the sky. Another thing that bees hate is tampering and uncleanliness. Either one could have happened around a bee hive with a tower constructed near it. Tampering is very likely but uncleanliness is still a possibility since humans care less until something really bad happens and then retract by saying "oops, I didn't know".

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One experiment or observation does not make a body of knowledge. This bee thing is interesting and easily testable.

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"...when a cell phone was kept near a beehive," OK, are we done arguing about the standards used?

Honeybee navigation is well understood, as is their communication.

Bees do not 'hate' tampering as every beekeeper knows. Their standards of cleanliness are not ours or yours. You anthropomorphize.

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- [nkalanaga](#) - 21 hours ago

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Whether it's radiation or cleanliness is easy to test. Take two hives, two identical cell phones, and the same researcher. Place a phone next to each hive, one turned on and one turned off. If it's radiation, the phone that's off wouldn't have any effect. If it's cleanliness or "tampering", they would have the same effect.

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There have been studies on electromagnetic radiation (EMR) and effects on bees dating back 30 years.

The studies show that bees are highly sensitive to the EMR environment.

Bees use the earth's natural magnetic field to navigate.

The radiation from the towers causes interference and so they lose their way

They also communicate by vibrating the hive and again the radiation causes interference.

Microwave radiation from cell phone towers has also been shown to disrupt the immune system thus allowing other toxins and parasites to overcome the bee in a way that would not have been possible previously.

Please take time to read the evidence:

<http://bemri.org/...?id=bees>

Decline of bees, UK and worldwide

* The Kompetenz initiative writes urgently to bee associations and beekeepers and explains about EM fields and bee colony collapse

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* Birds, Bees and Mankind: Destroying nature by 'electrosmog', Dr Ulrich Warnke. A very significant researched publication, and presented at a conference at the Royal Society, Sept 2008..

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bemri.org/archive/hese-uk/en/issues/emr.php?id=bees

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Previous studies in the field have indicated that East Asia is where the wolf was tamed and became the dog. It was not possible to be more precise than that. But now researchers at the Royal Institute of Technology ...

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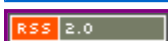
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