

Protect the world's bees with AI – find varroa mites fast and bee-friendly with AI

BeeScanning is the world's only varroa mite detection tool that truly saves and protects the bees. It's fast and accurate and saves time, bees and materials.

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/EINPresswire.com/ -- [Varroa mites](#)

continues to plague the worlds honeybees and beekeepers. The mites are time consuming to find with the naked eye, and it is impossible to accurately establish how many mites there are in a hive by just looking. What takes the eye minutes to find, the BeeScanning app detects in just seconds. Without hurting a single bee.

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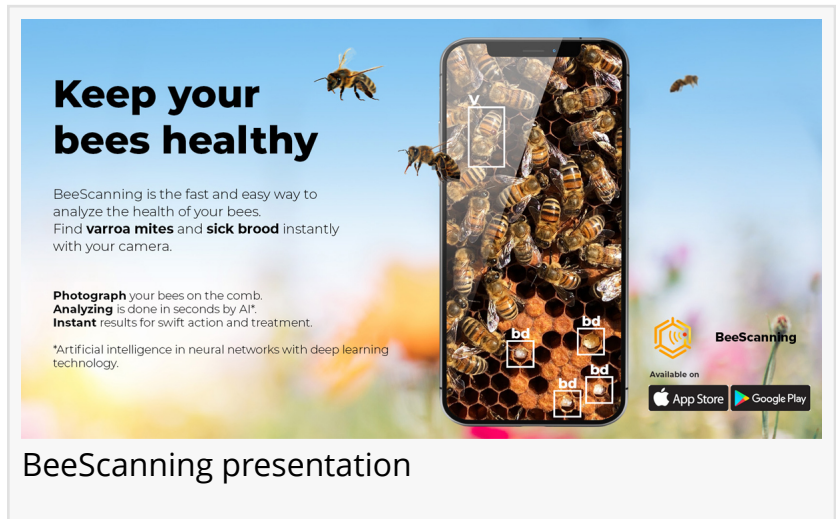
Over the last 12 months, BeeScanning has been used to accurately analyze more than 24 million bees across the globe for varroa mites – without killing a single bee.”

Björn Lagerman

The most common way to find and count varroa mites is to shake or “wash” a selection of [bees](#) in isopropanol. In other words – drown the bees in alcohol. The varroa mites fall off the dead bees and can then be counted. A procedure that requires the beekeeper to sacrifice up to 600 bees per hive to get statistically valid results. A contra productive method as all the beekeeper really wanted to do was to understand the health of the bees and treat accordingly.

Swedish bee-health company BeeScanning has a smart bee-friendly solution. Beekeepers that use the BeeScanning app simply photograph their bees with their smartphone camera. The pictures are instantly uploaded to BeeScanning's servers and analyzed in seconds by the company's trained AI. An accurate, easy to use and 100% bee-friendly method. There is no need for alcohol washing, BeeScanning tells you if there is need to treat.

“BeeScanning is the world's only varroa mite detection tool that truly saves and protects the bees. It's fast and accurate and saves huge amounts of time, bees, and materials”, says Björn Lagerman, founder of BeeScanning and a passionate beekeeper since 1970. “Our method also





Keep your bees healthy

BeeScanning is the fast and easy way to analyze the health of your bees. Find **varroa mites** and **sick brood** instantly with your camera.

Photograph your bees on the comb.
Analyzing is done in seconds by AI.
Instant results for swift action and treatment.

*Artificial intelligence in neural networks with deep learning technology.

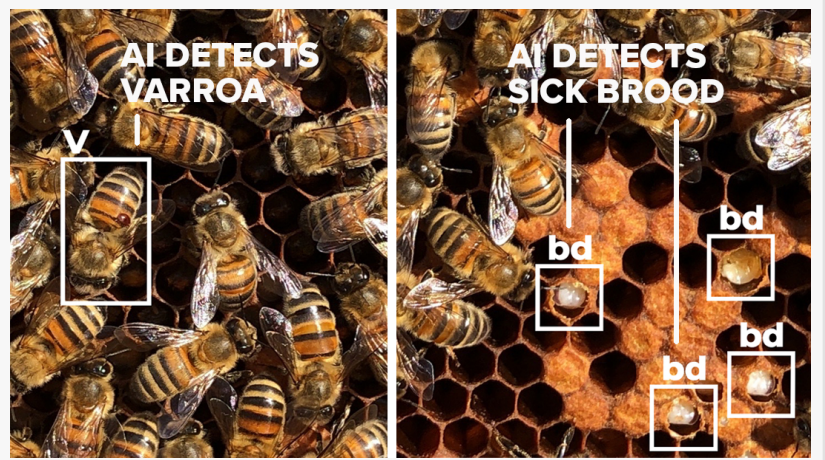
BeeScanning
Available on  

BeeScanning presentation

produces objective documentation that bring a unique basis for further bee research and breeding”.

To take in to account hidden varroa mites under the bees’ wings or under their abdomen the AI analyze result is calculated in percent number of varroa versus the number of bees. A factor is used to multiply the result compensating for hidden mites. This factor derives from extensive lab tests comparing AI-results with alcohol

washing. Over the last 12 months, BeeScanning has been used to accurately analyze more than 24 million bees across the globe for varroa mites – without killing a single bee.



BeeScanning AI detects varroa mites and sick brood

Daniel Bergkvist

BeeScanning

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