

## The Bees Disappear

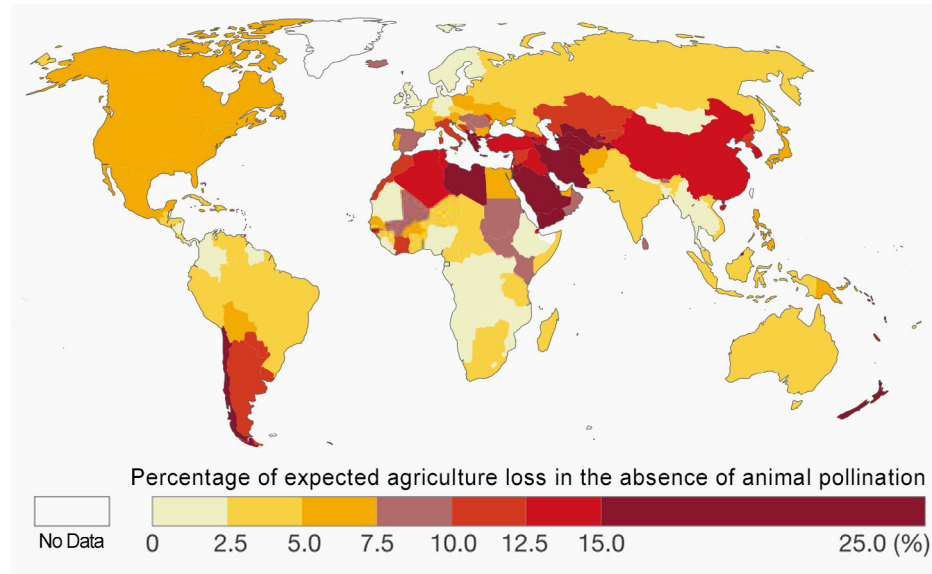
A massive mortality of bees and insects has been observed all over the world for several years. For example, in the last 10 years the annual colony losses of honey bees in Germany, Austria and Switzerland ranged between 10 % and 30 %.

In America, losses of up to 80 % were recorded in certain years in some places. Science calls this phenomenon "Colony Collapse Disorder" (CCD). However, none of the known influencing factors such as the varroa mite, pesticides or food shortages due to environmental changes convincingly contribute to the unusually high losses of bee colonies. It is mobile phone radiation that disrupts basic processes of the immune system, of orientation and communication and increases the harmful effects of other factors significantly.

*The honey bee has existed on Earth for about 40 million years. Now its extinction looms within only one decade!*

## Weakening of the Immune System

Scientists from the American Beltsville Agricultural Research Center have found that the dead bees suffer from a severely weakened immune system. But how can that be explained? The immune system only works optimally when cell communication functions properly. The numerous biochemical processes in the cells are regulated by means of electromagnetic impulses. As a result, the necessary information can be exchanged between cells at the speed of light. The problem is that mobile telephony's artificial frequencies are precisely in the frequency range of these natural biological processes, but are far more dominant. They thus interfere with the vital interaction of the cells with each other... they literally "mess up" the signal, as medical doctor Wolf Bergmann put it. The immune system is therefore no longer able to fulfil its task properly. As a result, with viral infections, fungal infestations and other diseases and conditions they have been exposed to before, bees are hardly able to



*Estimated percentage loss in global agricultural production in 2012 if there are no animal pollinators. (as per FAOSTAT 2013)*

cope, anymore. Incidentally, cellular communication of all living beings works in the same way, including that of humans. That should tell us something...

## Disruption of Orientation

The technologically generated electromagnetic radiation not only affects the immune system of the bees, it also interferes with their perception of the Earth's natural magnetic field. Because the sensory organs of the bees are perfectly tuned to perceive vibrations and frequencies, bees have the ability to detect the direction of and changes in the Earth's magnetic field and can thus orient themselves accordingly. If this natural geomagnetic field however is constantly superimposed by technical radiation, the bees lose their bearings and cannot find their way back to the hive.

## Interference with Natural Communication

In flight, bees become charged with air molecules by friction. This charge is only discharged once the bee comes into contact with the ground, usually through contact with a flower, thereby changing the electrical field of this flower. When they fly past, the bees

or bumble bees sense from the electric field of a flower whether it has already been visited recently by other bees and can thus effectively recognise where there still is food to be found.

This kind of natural communication can also be disturbed by technically generated high-frequency radiation. It is hardly surprising, therefore, that various scientists, in particular biologist Dr. Ulrich Warnke, have for years confirmed the suspicion of a direct correlation between technical radiation and the disappearance of the bees.

*Can we afford an unnatural mobile phone technology if through it we destroy our own basis of living?*

## Impairment of the Waggle Dance

The bees also communicate with each other by means of electromagnetic fields. If a food source is more than 100 metres from the hive, the bees use the so-called waggle dance to show each other direction and distance to good food sources. With small magnetite crystals in the rear, the bees generate frequencies ranging between 180 Hz and 250 Hz. Data transmission in mobile telephony uses a high-frequency carrier frequency and a modulated low-frequency pulse frequency. With the GSM frequencies, this pulse frequency of 217 Hz is exactly within the range of the waggle dance and thus also impairs natural communication here.

## Stimulation to Pipe

In a Swiss study published in April 2011, two mobile phones were each placed near colonies, and the piping sounds generated by the bees were recorded. It became clear in all experiments that the worker bees were stimulated to pipe. Under natural conditions, such piping tones are a signal for preparing to swarm or a reaction to disturbances in the colony. These observations also show that bees are susceptible to pulsating electromagnetic fields and respond sensitively to such fields by altering their behaviour. It is interesting to note that a decline in bee colonies has been observed mainly in continents where mobile phones are widely used (North America, Europe, Australia, Southern Brazil, Taiwan and Japan). The correlation between bee mortality and mobile telephony is unmistakable!

## The New 5G Mobile Phone Standard

To transmit information wirelessly, an antenna that is precisely tuned to the specified frequency is required as a receiver. The length of the antenna must correspond to the wavelength of the frequency for it to resonate. In the expansion phases planned for the future the wavelengths of the 5G radiation will range from a few centimeters to millimeters. That means insects with their feelers, wings and their whole body are perfect antennas for 5G radiation. The effects of mobile phone radiation described here are therefore likely to be many times stronger in the case of 5G.

## If the Bees Disappear, Humans Will Soon Disappear, Too

We owe the enormous development of the Earth's vegetation with about 200,000 species of the most varied flowering plants to the bees. Around 80 % of all fruits and berries depend on insect pollination. The busy honeybees and the numerous wild bee species perform most of the work. It is to them that we owe the majority of our daily food. It is question-

***"If the bee disappeared  
off the surface of the Earth then  
man would only have four years of  
life left; no more bees, no more  
pollination, no more plants, no more  
animals, no more people."***

*(attributed to Albert Einstein)*

able whether we could survive without this food. Our love, gratitude and appreciation for the bees and our adequate care for these precious creatures therefore cannot be great enough!

The World Foundation for Natural Science was founded in 1993 by The Most Rev. Dr. Peter W. Leach-Lewis and since then has been committed to...

- ... ensuring that information is provided about the dangers arising from the technical contamination of nature through radiation,
- ... the immediate development of a new, natural technology for mobile communication and data transmission.

Help us achieve these goals by reducing your use of wireless technologies and by educating people about the true causes of bee mortality.

*We are always happy to answer your questions!*

## The World Foundation for Natural Science

### World Headquarters

P.O. Drawer 16900, Washington, DC 20041, U.S.A.  
 ☎-Phone +1(703)631-1408 ✉-Fax +1(703)631-1919  
 📧-E-mail: HQ@NaturalScience.org

### European Headquarters

P.O. Box 7995, CH-6000 Lucerne 7, Switzerland  
 ☎-Phone +41(41)798-0398 ✉-Fax +41(41)798-0399  
 📧-E-Mail: EU-HQ@NaturalScience.org 03/20



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*Restoring and Healing the World through Responsibility and  
 Commitment in accord with Natural and Divine Law!*

## The Worldwide Mortality of Bees



**THE MOST IMPORTANT AND  
 MOST UNDERESTIMATED CAUSE IS  
 MOBILE PHONE RADIATION**