

Ghost Hunting Equipment

Objective documentary equipment, such as cameras, audio recorders, surveillance systems, etc. are used to validate claims of paranormal activity.



Non-Photographic Anomalies

Orbs are seemingly balls of light that are actually a product of "backscatter", reflecting off of dust or moisture in the air.



Source:

"Backscatter (Photography)." Wikipedia, 20 Feb. 2021, [en.wikipedia.org/wiki/Backscatter_\(photography\)](https://en.wikipedia.org/wiki/Backscatter_(photography)).

Vortexes are alleged spiritual gateways, but often occur when a camera strap, piece of jewelry, or hair falls in front of the camera lens.



Source:

The Vortex. The Rocky Mountain Paranormal Research Society, www.rockymountainparanormal.com/vortex.html.

Light ribbons occur at night, in an artificially-lit environment, where the photographer moves while the photograph is being taken.



Source:

McMurray, Cathy. "Capturing Night Lights Using Motion Photography." Habit of Art, 22 Dec. 2009, habit-of-art.blogspot.com/2009/12/capturing-night-lights-using-motion.html.



Videography

Some paranormal investigators set up infrared cameras available with most surveillance systems in areas known as "hot spots", or areas where paranormal activity frequently occur.

Some hypothesize that discarnate consciousnesses are made up of, or manipulate electromagnetic radiation to "manifest". This can occasionally be accompanied by a cold spot, or an area that is 10° cooler, in a localized area, that has no discernible cause. So, some paranormal investigators invest in expensive thermal imaging infrared cameras.



Auditory Anomalies

Electronic voice phenomenon (EVPs) are sounds and/or voices purported to be communication from deceased individuals.

Common Tips & Considerations While Attempting To Elicit EVPs:

- 1) Never whisper.
- 2) Document any naturally-occurring noises in consideration of the analyst.
- 3) Speak approximately 5-feet away from the recorder.
- 4) Wait at least 30 seconds between questions.



Electromagnetic and Temperature Anomalies

Monitoring equipment, such as gaussmeters and thermometers are used to locate experience-inducing fields (EIFs). These are areas where electromagnetic and geomagnetic radiation can cause paranormal-like phenomena.

Gaussmeters detect these fields, but also electromagnetic radiation from electrical appliances, water flowing through pipes, air running through vents, moving air from electrical fans, and even smart phones.

Some health risks for prolonged exposure to particularly high electromagnetic radiation include: sleep disturbances, headaches, depression, fatigue, dizziness, restlessness, anxiety, nausea, and redness on the skin.

Source:

Should You Be Worried About EMF Exposure? Healthline, 23 Oct. 2018, www.healthline.com/health/emf.

Neuroscientist Michael A. Persinger (1945 - 2018) theorized that high levels of electromagnetic radiation reduces levels of endogenous melatonin in the brain, leading to visual and auditory hallucinations, that could be interpreted as paranormal activity.



Sources:

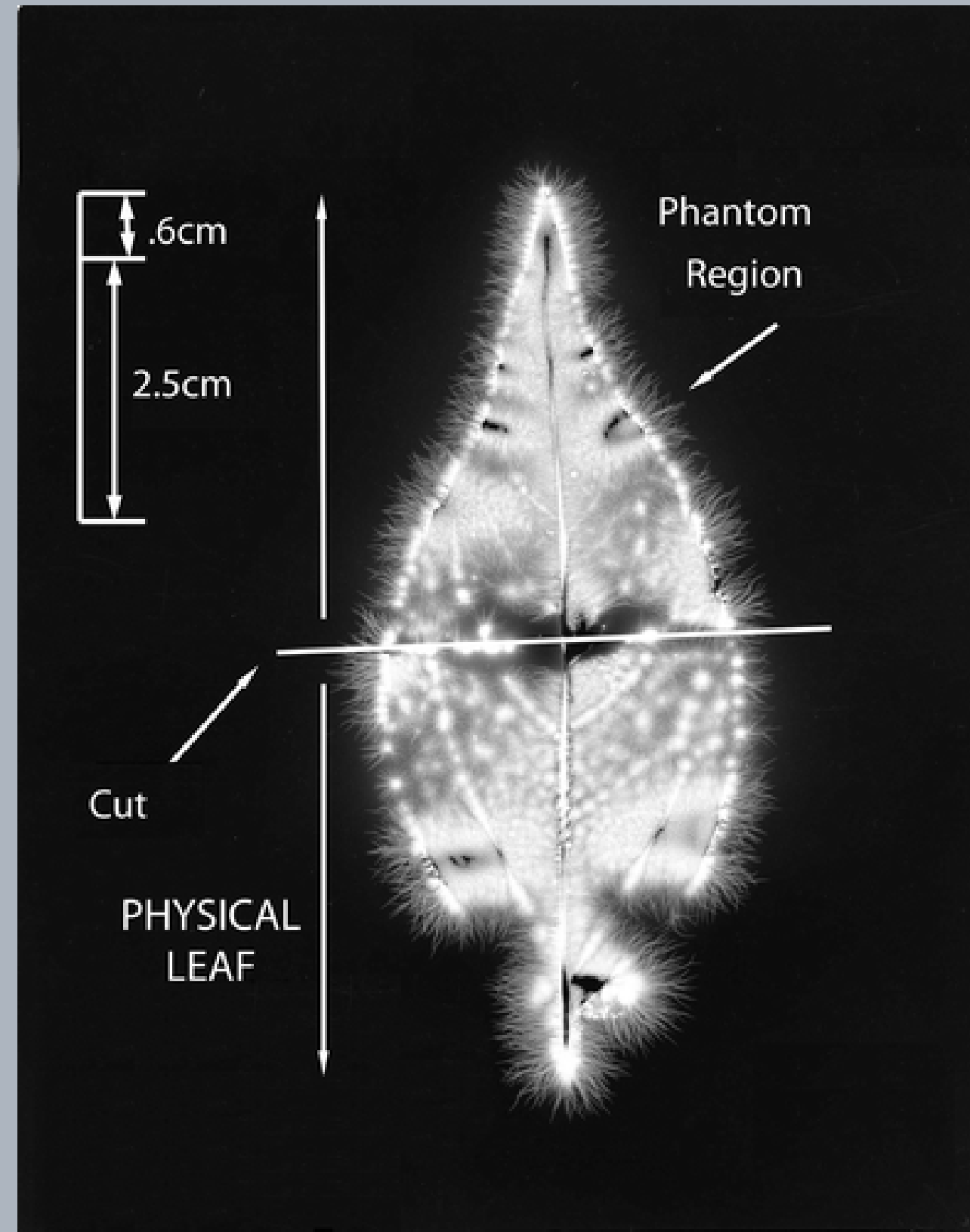
- 1) Persinger, Michael A. ELF and VLF: Electromagnetic Field Effects. Plenum Press, 1978.
- 2) "Dr Michael Persinger." Twitter, Feb. 2012, twitter.com/drpersinger.

To test the hypothesis that discarnate consciousnesses need electromagnetic radiation to "manifest", a Van de Graaff generator can be placed in a "hot spot", to flood the area with this type of radiation.

Some paranormal investigators even use a negative ion generator, as some hypothesize that negative ions allow spirits to "manifest".

Electromagnetic radiation can be documented by way of Kirlian photography. This is accomplished by placing an object on a photographic plate, and then running high voltage over the plate. The result is a coronal discharge.

As shown by "the phantom leaf effect", there is a coronal discharge even in areas of biological organisms that have been severed.



Source:

Hubacher, John. "The Phantom Leaf Effect: A Replication, Part 1." *The Journal of Alternative and Complementary Medicine*, vol. 21, no. 2, 2015, pp. 83–90., doi:<https://www.liebertpub.com/doi/10.1089/acm.2013.0182>.

This form of photography would only be a consideration with a particularly communicative discarnate consciousness that has shown the capacity to cause objects to move.



Geological Considerations

Parapsychologist
William G. Roll (1926 -
2012) theorized that
electromagnetic
radiation can be created
by groundwater running
over limestone bedrock.



Source:

"William G. Roll." Wikipedia, 31 July 2020, en.wikipedia.org/wiki/William_G._Roll.

Michael A. Persinger further explains, in his Tectonic Strain Theory (TST), that piezoelectricity is electromagnetic radiation that can occur when crystalline solid and/or silicon dioxide are placed under seismic stress.



Sources:

- 1) Persinger, Michael A. ELF and VLF: Electromagnetic Field Effects. Plenum Press, 1978.
- 2) "Dr Michael Persinger." Twitter, Feb. 2012, twitter.com/drpersinger.

Seismic tension in these areas also explain
ball of light phenomena, which, Michael
Persinger explains, are mysterious,
wandering balls of light, called
triboluminescence.

Sources:

Persinger, Michael A. ELF and VLF: Electromagnetic Field Effects. Plenum Press, 1978.

Geological considers can be made by researching the geological surveys of a particular area, looking for this content, as well as researching possibly nearby fault lines.



Infrasound Theory

Skeptic Vic Tandy (1955 - 2005) found a link between infrasound, or sounds that aren't in the range of human hearing, and places that people consider "creepy". He discovered that if the resonance reaches 18Hz, that of the human eyeball, people will report seeing apparitions.



Sources:

- 1) Tandy, Vic, and Tony R. Lawrence. "The Ghost in the Machine." *Journal of the Society for Psychical Research*, vol. 62, no. 851, Apr. 1998, doi:<http://www.richardwiseman.com/resources/ghost-in-machine.pdf>.
- 2) Grossman, Wendy M. "An Improper Researcher." *Skeptical Inquirer*, 20 Dec. 2019, skepticalinquirer.org/exclusive/an-improper-researcher/.

Tandy came to this realization after discovering that an extractor fan at a medical manufacturing warehouse company was resonating at 19Hz, causing employees to shiver, as well as see apparitions. When the fan was replaced, the "haunting" stopped entirely.

Infrasound can be created by severe weather conditions, but also by man-made sources, such as wind turbines, fans, diesel engines, and some loud speaker designs.

Infrasound microphones are available, but are expensive.



Temperature Variations

Michael A. Persinger theorized that cold spots can be explained by the "thermoelectric effect", when two opposing charged silicate-containing layers of bedrock are under seismic stress, or activated by thunderstorms, or geomagnetic storms.



Sources:

- 1) Persinger, Michael A. The Paranormal. MSS Information Corp., 1974.
- 2) "Dr Michael Persinger." Twitter, Feb. 2012, twitter.com/drpersinger.

Temperature variations will most often occur around windows, doorways, air vents, and fans. Also, once a person sits down and relaxes, they will start to feel cooler, as their thyroid slows.



Geomagnetic Considerations

Geomagnetic radiation is a disturbance in the magnetosphere in response to solar flares. They are more so associated with occurrences of poltergeist activity, known today as recurrent spontaneous psychokinesis (RSPK).



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