

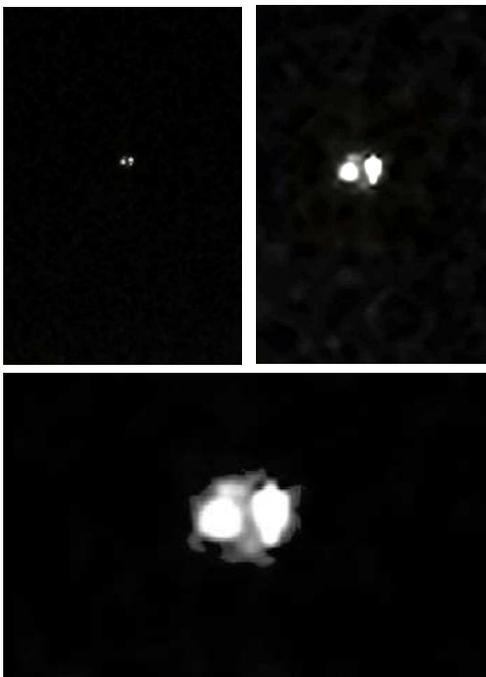
# Chemistry of Sasquatch Bioluminescence

by John Morley, Biologist

**B**ioluminescence, also bioluminescence, is etymologically defined as the “emission of light by living organisms.” Here I provide a brief commentary having to do with bioluminescence—the kind that has been observed and reported by numerous eye witnesses of apparent sasquatch self-illuminating eye shine. Some of this information is borrowed from scientific articles, which define bioluminescence. The final questions are mine, and represents a hypothesis in need of further investigation as we seek to understand this reported phenomena.

Bioluminescence is light produced by a chemical reaction within an organism. At least two chemicals are required. The one which produces light is generically called a “luciferin,” and the one that drives or catalyzes the reaction is called a “luciferase.” The luciferase catalyzes the oxidation of luciferin, resulting in light and an inactive “oxyluciferin.” In most cases, fresh luciferin must be brought into the system, either through diet or by internal synthesis.

Below are three photos of original sasquatch eye shine taken by my research partner from one of our study locations. I was on the phone with him as this event occurred. The left photo is the original



showing the actual distance to the subject, while the second is enlarged from the original. The third is an enhancement, and appears to show a nose below the glowing eyes.

As to possible sasquatch bioluminescence, I have the following questions:

1. Do sasquatches possess a gene for both luciferase, and for the light-emitting luciferin?

2. Can they turn it on and off at their discretion?

3. Can they change the color and intensity at their choosing?

Several years back, the daughter of my research partner saw a sasquatch cross an opening down the hill from where she was parking her car. It was some 200 yards away. She said it turned its head toward her and she saw the eye shine. She reported that it turned back toward where it was headed and she saw what appeared to be rays of light shining in front of its face as it proceeded across the opening.

This is an interesting and an intriguing subject; but I don't think questions will be resolved until an actual sasquatch is scientifically examined.

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