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## Weir Farm Artist Draws Inspiration From Math and Science

The 12-photo series features three images that were created at Weir Farm National Historic Site including its well-known pond.

By [Patch Staff](#) | [Email the author](#) | August 16, 2011 |  [Print](#)

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Xiomáro (pronounced *see-oh-MAH-ro*), a prior Weir Farm artist-in-residence, presents his new photo art series, *FractalScapes*, at The Cup Coffeehouse, in New York.

The 12-photo series features three images that were created at Weir Farm National Historic Site including its well-known pond.

Cutting edge scientific and mathematical theories, especially fractal geometry, have inspired Xiomáro to develop an aesthetic for the elegance of small, abstract, iterative patterns appearing in landscapes and urbanscapes. These theories were discussed at his lecture presentation at the Wilton Library last March, which also exhibited his photos taken at Weir Farm.

*FractalScapes* highlights the natural and manmade patterns appearing in water, sand, trees and architecture. Tight frames exclude the sky and other reference points, which force the eye toward details that reveal the hidden beauty of repetitive shapes, colors and motion.

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Composing the images in this fragmented manner resulted in using Photoshop only to adjust for contrast. In some images, selective blurring was created in the lens itself. In others, they were rotated to further abstract the subject.

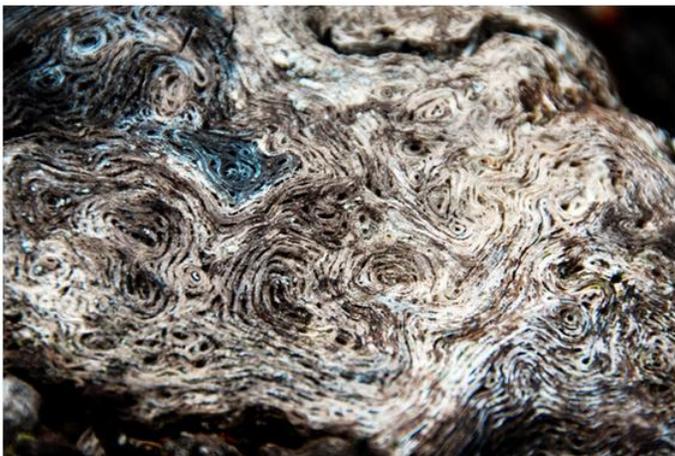
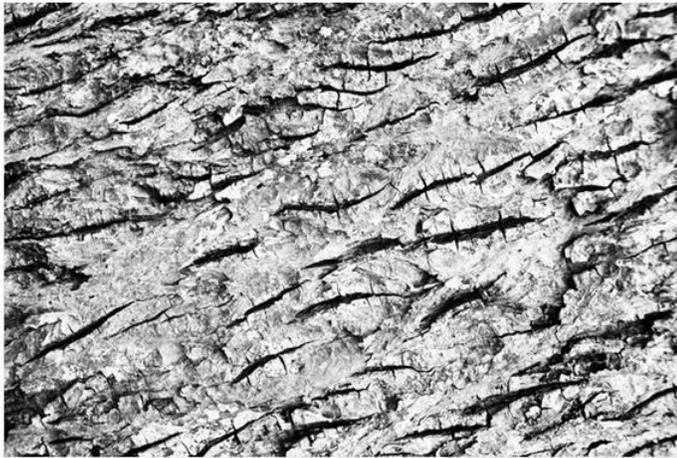
After overcoming cancer, Xiomáro was drawn to the solitary peace of photography. A desire to make sense of the world also drew him to Benoît Mandelbrot's mathematical theories in *The Fractal Geometry of Nature*. The "Mandelbrot Set" explains the shapes repeated at every scale – from clouds, coastlines and mountains down to trees, plants and soil – in a way that the traditional points, lines and angles of Euclidian geometry cannot.

Other theories from which Xiomáro drew inspiration include the growing field of nanotechnology as first suggested by physicist Richard Feynman in his lecture, *There's Plenty of Room at the Bottom*, and later expanded in K. Eric Drexler's book, *The Coming Era of Nanotechnology*. String theory, which attempts to bridge Einstein's general relativity with the subatomic behavior of quantum mechanics is another source, especially as presented in Brian Greene's book, *The Elegant Universe*.

"I'm not a scientist, so I certainly don't claim to fully understand these theories," explains Xiomáro. "But there is an elegance and artistic sense to them. And I understood enough to connect with that, which has informed the way I see things now. As a result, my photographs try to capture nuances in everyday vistas that are easily overlooked."

Xiomáro was the Weir Farm artist-in-residence last March. In addition to photography, he is also a musician and practices law in the unique field of entertainment law where he has represented celebrities as diverse as Village People to Fox News' Greg Gutfeld.

To view the entire series or to purchase Xiomáro's *FractalScapes* portfolio, visit [www.xiomaro.com](http://www.xiomaro.com). Parties interested in exhibiting his photos, can contact him via his website.



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