

The Human Additions to the Guadalupe Tilma

Callahan's conclusions regarding extensive human additions to the tilma might well be true, but I suspect he is overdoing it... The Codex Saville, called the "oldest book in America," is an Indian calendar in picture writing that was begun around 1407 and ends around 1540. It is reproduced to size in an overleaf of the Historical Records and Studies, Volume XIX, September 1929 of the United States Catholic Historical Society. It is about three and a half feet long with small paintings illustrating important events. Reading from the bottom up, just above the symbol for 1532 is a tiny figure of Our Lady of Guadalupe about an inch high. The codex was probably kept up to date year after year by Indian scribes and the tiny figure of Our Lady was entered in 1531, the year of the apparition.

Demarest and Taylor describe it in *The Dark Virgin*: Under magnification the tiny figure of the Virgin is startlingly similar to that in the Holy Portrait. The position in which she stands, her manner of dress, the way she holds her hands in prayer are the same, the colours are the same in tone, and the figure is surrounded by clouds bordering the rays of the sun, indicated by thin streaks of yellow. When one considers that this miniature is painted on a very rough, thin fibrous paper, it is astonishing that the likeness is so closely achieved... It is obviously intended as a figure of the Virgin... as above her head there is a great crown, and there are the clouds and sun rays.

We can see from the Saville codex that the image was not just a simple figure originally, as Doctor Callahan suggests, but from the first there were clouds and the rays of the sun, and evidently the tilma was completely covered with colour from the very beginning. It is possible that on top of these miraculous colours, additions could be made without sizing, but being unvarnished, are now beginning to flake off. I suspect that all the additions were made almost immediately by Indian artists to enhance the pictogram nature of the image.

Information taken from the book "*Not made by human hands*" by Thomas Sennot.

Turin Shroud Facts

- First photographed 1898 by Secondo Pia.
 - The image on the cloth is a negative.
 - The radiation that made the body image was up and down parallel to gravity, no side image.
 - Image only appears on cloth where body surface is 3.5 cm away or less. Darkness on cloth is inversely proportionate to this space. This results in the 3D nature of the image when seen with the VP-8.
 - Image is X-ray-like as it shows bones in hands, face, etc.
 - Pixels of uniform darkening make image similar to a random halftone; more pixels per area in darker areas.
 - Each pixel on separate 15 to 20 micron fiber of linen of random length, 50 to 500 microns long.
 - The sharply bounded pixels that make up body image cannot be duplicated by any known process today.
 - Image does not fluoresce like other burns in linen fiber.
 - No image under the blood.
 - Blood stains are exactly correct as modern medicine would expect to see from a crucified victim.
 - Scourge marks (approximately 120) have UV response around them, as blood serum would have.
 - High bilirubin content in blood from torture.
 - Passover-time flower pollens from the Dead Sea area are in the cloth, along with pollens from France & Turkey.
 - Travertine aragonite dust, as found in Jerusalem vicinity, is found on the feet, knees, and nose.
 - 1532 fire deposited excess heavy carbon only 3" (7 cm) from area sampled for carbon 14 dating.
 - Microbiological growth found on linen fibers.
 - Linen cloth is mentioned in all four gospels.
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The Miracle of Lanciano, Italy -- 8th Century A.D.

The analyses were conducted with absolute and unquestionable scientific precision and they were documented with a series of microscopic photographs. These analyses sustained the following conclusions:

- The Flesh is real Flesh. The Blood is real Blood.
 - The Flesh and the Blood belong to the human species.
 - The Flesh consists of the muscular tissue of the heart.
 - In the Flesh we see present in section: the myocardium, the endocardium, the vagus nerve and also the left ventricle of the heart for the large thickness of the myocardium.
 - The Flesh is a "HEART" complete in its essential structure.
 - The Flesh and the Blood have the same blood-type: AB (blood-type identical to that which Prof. Baima Bollone uncovered in the Holy Shroud of Turin).
 - In the Blood there were found proteins in the same normal proportions (percentage-wise) as are found in the sero-proteic make-up of the fresh normal blood.
 - In the Blood there were also found these minerals: chlorides, phosphorus, magnesium, potassium, sodium and calcium.
 - The preservation of the Flesh and of the Blood, which were left in their natural state for twelve centuries and exposed to the action of atmospheric and biological agents, remains an extraordinary phenomenon.
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