



Maya Archaeology Reports

High Resolution Documentation of the Murals of San Bartolo, Guatemala

William Saturno

This portfolio of images of the North Wall of the San Bartolo murals was recorded by the author in 2004 and 2005 using a flatbed digital scanner. The divergence from customary archival practice was demanded by the constricted space and the desire to attain the highest possible resolution. Comparable recording of detail could only have been achieved on photographic film by placing a large-format camera within inches of the wall and uniformly lighting, registering, overlapping, and subsequently stitching together over 300 set-ups. By contrast, laser-leveling ensured accurate registration of the digital scanner, and the scanner itself provided a uniform source of light. The images were recorded at 1:1 scale at 400 pixels per square inch. For details of the discovery and preliminary investigation of the San Bartolo murals see Saturno, Taube, and Stuart (2005) and Saturno (2006).





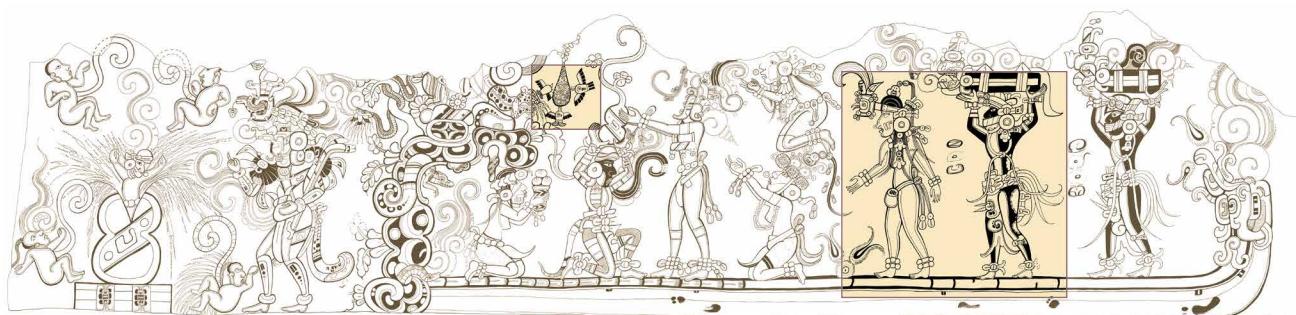


11 William Saturno





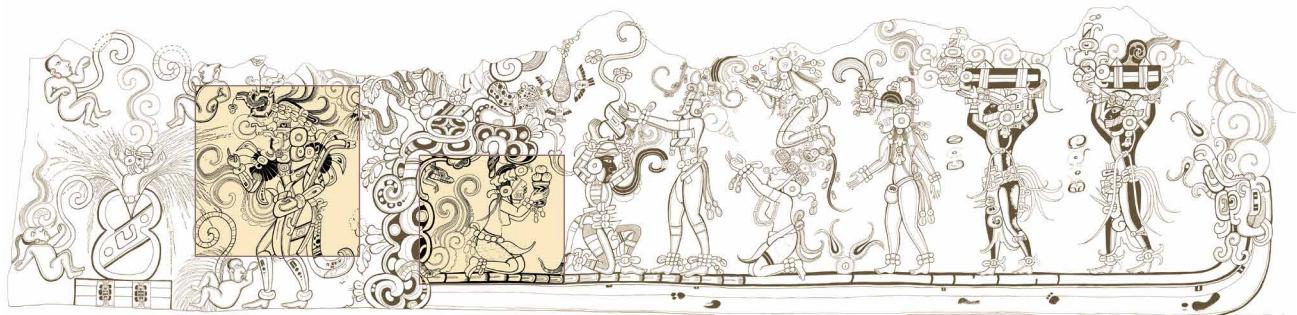
13 William Saturno

















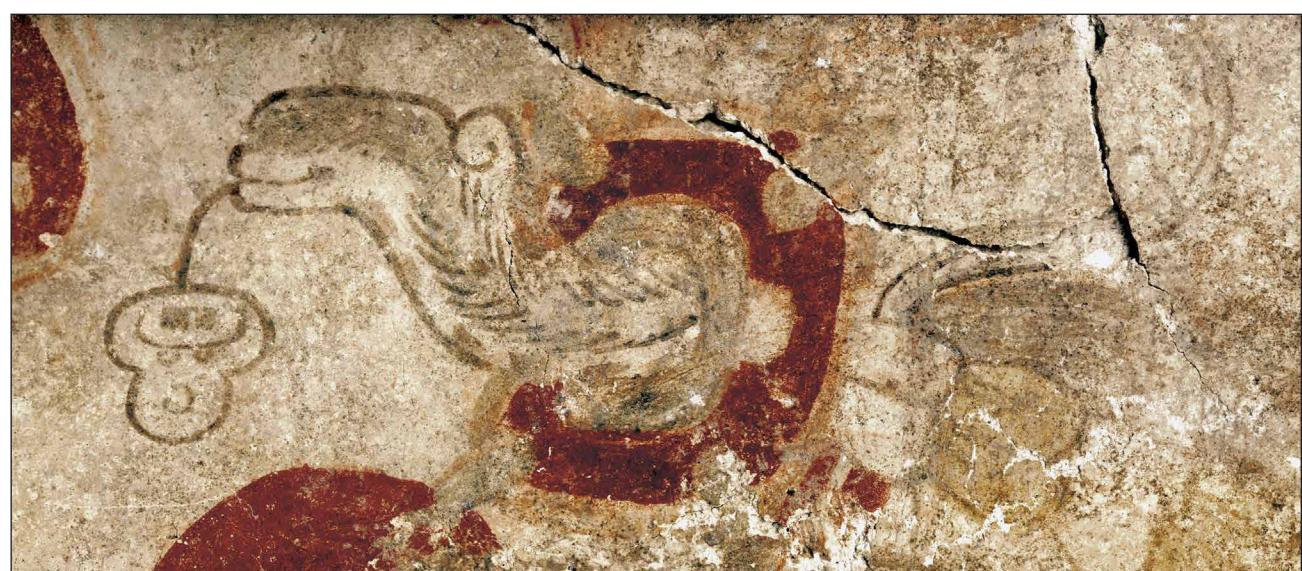










Figure 1. Rendering of the San Bartolo North Wall mural by Heather Hurst.



Figure 2. Frames from a 2004 video by David Pentecost (available at www.gomaya.com).

Maya Archaeology

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