



Endnotes for *Science Meets the Shroud of Turin, Part 1*

Fall 2017 *Bible and Spade*

[**Addendum, 1/24/18:** In the text explaining the first picture in the article, the Shroud's length should be 14' 6" (instead of 14' 3").]

Notes

¹ Mark Guscini, *The Tradition of the Image of Edessa*, Ph.D. Thesis, University of London (Royal Holloway and Bedford New College, 2014); online version at https://pure.royalholloway.ac.uk/portal/files/24278014/MARK_GUSCINI_PhD_THESIS_05.03.15.pdf.

² *Ibid*, p. 153f.

³ See <http://www.barbaraculliton.com/Science1978.pdf>—still well worth reading today.

⁴ John Heller, *Report on the Shroud of Turin* (Boston: Houghton Mifflin, 1983), p. 11.

⁵ Hear Jackson's explanation in a 1975 audio recording at the Holy Shroud Guild website: <http://www.holyshroudguild.org-with-dr-jackson.html>.

⁶ Heller, p. 26.

⁷ *Ibid*, p. 35.

⁸ *Ibid*, pp. 34f.

⁹ *Ibid*, p. 39.

¹⁰ *Ibid*, p. 56.

¹¹ *Ibid*, p. 64.

¹² *Ibid*, pp. 92f.

¹³ *Ibid*, p. 88.

¹⁴ *Ibid*, pp. 94f.

¹⁵ *Ibid*, pp. 98f.

¹⁶ *Ibid*, pp. 95, 98.

¹⁷ *Ibid*, pp. 102ff.

¹⁸ For an excellent slide show presentation of STURP and the October testing, see www.shroud.com/pdfs/schwartz2p.pdf.

¹⁹ Heller, p. 121.

²⁰ *Ibid*, p. 139.

²¹ *Ibid*, pp. 140f.

²² *Ibid*, p. 148.

²³ *Ibid*, p. 154.

²⁴ *Ibid*, p. 192.

²⁵ *Ibid*, pp. 135ff. and 149ff.

²⁶ *Ibid*, p. 152. See especially the pictures in pp. 744–746 of the June, 1980 *National Geographic*.

²⁷ Heller, pp. 121ff.

²⁸ *Ibid*, p. 132.

- ²⁹ Ibid, p. 153.
- ³⁰ Ibid, p. 156.
- ³¹ Ibid, pp. 159ff.
- ³² For a list of STURP's papers see <http://www.shroud.com/78papers.htm>.
- ³³ Heller, pp. 182f., 185ff.
- ³⁴ Ibid, p. 183.
- ³⁵ Ibid, pp. 177, 184.
- ³⁶ Ibid, pp. 142, 167.
- ³⁷ Ibid, p. 174.
- ³⁸ Ibid, pp. 194ff.
- ³⁹ Ibid, pp. 191ff.
- ⁴⁰ Ibid, p. 197.
- ⁴¹ Ibid, p. 198.
- ⁴² Ibid, p. 200.
- ⁴³ Ibid, p. 203.
- ⁴⁴ Ibid, pp. 200ff.
- ⁴⁵ Ibid, p. 201.
- ⁴⁶ Ibid, p. 207.
- ⁴⁷ Ibid, pp. 207ff.
- ⁴⁸ Ibid, p. 210f.
- ⁴⁹ See his article in *Archaeology*, pp. 35–43 in the Jan./Feb., 1981 issue.
- ⁵⁰ J.H. Heller and A.D. Adler, "A Chemical Investigation Of The Shroud Of Turin," *Canadian Society of Forensic Science Journal*, pp. 81–103, Vol. 14, No. 3 (1981); also available online at <https://www.shroud.com/pdfs/ssi43part3.pdf>.
- ⁵¹ Ibid, p. 99.
- ⁵² Ibid, p. 100.
- ⁵³ Eric J. Jumper et al, "A Comprehensive Examination of the Various Stains and Images on the Shroud of Turin," *Archaeological Chemistry III*, ACS Advances in Chemistry No. 205 (American Chemical Society, 1984), p. 474.
- ⁵⁴ Heller, *Report*, p. 218.
- ⁵⁵ Ibid, pp. 13, 70f.
- ⁵⁶ Ibid, p. 221.
- ⁵⁷ See Adler's two-hour talk at an Elizabethtown, Pa. symposium in February, 1986 at <https://www.youtube.com/watch?v=T3ZEKEjA4Uw>.
- ⁵⁸ See <https://www.shroud.com/pdfs/adler.pdf>.
- ⁵⁹ Walter McCrone, "The Shroud of Turin: Blood or Artist's Pigment?," *Accounts of Chemical Research*, Vol. 23, No. 3, pp. 77–83.
- ⁶⁰ Ibid, p. 78.
- ⁶¹ Heller, *Report*, p. 164.
- ⁶² McCrone, p. 78f.
- ⁶³ Ibid, p. 80.
- ⁶⁴ Ibid, p. 83.
- ⁶⁵ Ibid, p. 82.
- ⁶⁶ Ibid, p. 83.
- ⁶⁷ Heller, *Report*, pp. 125f., 163.
- ⁶⁸ Ibid, p. 153.

⁶⁹ Ibid, pp. 163, 196.

⁷⁰ Ibid, p. 215f.

⁷¹ Ibid, p. 186.

⁷² See David Ford's paper noted in Part 2.

⁷³ "New Evidence May Explain Image on Shroud of Turin," *Biblical Archaeology Review*, Vol. XII, No. 4 (July/August 1986), p. 24f.

⁷⁴ For other opinions more sympathetic to McCrone, see articles by Marvin Mueller and Steven Schafersman in the Spring, 1982 Issue of *The Skeptical Inquirer*.