

CALIFORNIA OBSIDIAN SOURCES

OBSIDIAN BUTTE

ALTERNATE NAMES: Salton Sea.

LOCATION - COUNTY: Imperial.

ACKNOWLEDGMENTS: Mark Swisher.

REFERENCES

Christensen, Andrew L. and G. S. Russell

- 1981 Obsidian Hydration Analysis of Surface Collections from the McCain Valley Area, San Diego County, California: Implications for Study of Obsidian Butte Exchange Systems. In *Obsidian Dates III*, edited by C. M. Meighan and G. S. Russell, University of California Institute of Archaeology Monograph 16: Los Angeles, California, pp. 132-141.

Dominici, Debra A.

- 1984 *Calibration of the Obsidian Butte Hydration Rate and Its Implications Regarding Late Prehistoric Exchange*. Unpublished Master's Thesis, San Diego State University, San Diego, California.

Ericson, Jonathon E.

- 1981 *Exchange and Production Systems in Californian Prehistory: The Results of Hydration Dating and Chemical Characterization of Obsidian Sources*. BAR International Series 110, Oxford, England.

Hughes, Richard E.

- 1986 Trace Element Composition of Obsidian Butte, Imperial County, California. *Bulletin of the Southern California Academy of Sciences* 85:35-45.

Hughes, Richard E. and Polly A. Peterson

- 2009 Trace Element Analysis of Fused Shale: Implications for Revised Understanding of Obsidian Source Use Shifts in Southern Coastal Alta California. *California Archaeology* 1:29-54.

Heizer, Robert F. and Adan E. Treganza

- 1944 Mines and Quarries of the Indians of California. *California Journal of Mines and Geology* 49:291-359.

Hughes, Richard E. and Delbert L. True

- 1985 Perspectives on the Distribution of Obsidians in San Diego County, California. *North American Archaeologist* 6:325-339.

Laylander, Don

- 1995 The Chronology of Lake Cahuilla's Final Stand. In *Proceedings of the Society for California Archaeology, Volume 8*, edited by Martin D. Rosen, Susan M. Hector, and Don Laylander, pp. 69-78. Society for California Archaeology, San Diego, California.

Robinson, Paul T., Wilfred A. Elders, and L. J. P. Muffler

- 1976 Quaternary Volcanism in the Salton Sea Geothermal Field, Imperial Valley, California. *Geological Society of America Bulletin* 87:347-360.

Shackley, M. Steven

- 1981 *Late Prehistoric Exchange Network Analysis in Carrizo Gorge and the Far Southwest*. Unpublished Master's Thesis, San Diego State University, San Diego, California.

Treganza, Adan E.

1942 An Archaeological Reconnaissance of Northeastern Baja California and Southeastern California. *American Antiquity* 8:152-163.

Waters, Michael R.

1983 Late Holocene Lacustrine Chronology and Archaeology of Ancient Lake Cahuilla, California. *Quaternary Research* 19:373-387.

Weight, Harold O.

1947 Nature's Freaks on Salton Shore. *The Desert Magazine* 11(6)5-8.