

CALIFORNIA OBSIDIAN SOURCE REFERENCES

- Anderson, Charles A.
1933a Volcanic History of Glass Mountain, Northern California. *American Journal of Science* 226:485-506.
- 1933b The Tuscan Formation of Northern California with a Discussion Concerning the Origin of Volcanic Breccias. *University of California Publications in Geological Sciences* 23:215-276.
- 1936 *Volcanic History of the Clear Lake Area, California*. Geological Society of America Bulletin 47:629-664.
- 1941 Volcanoes of the Medicine Lake Highlands, California. *University of California Publications in Geological Sciences* 25:347-422.
- Bacon, Charles R., Wendell A. Duffield, and Kazuaki Nakamura.
1980 Distribution of Quaternary Rhyolite Domes of the Coso Range, California: Implications for Extent of the Geothermal Anomaly. *Journal of Geophysical Research* 85B:2,425-2,433.
- Bacon, Charles R., Ray MacDonald, Robert L. Smith, and Philip A. Baedeker
1981 Pleistocene High-Silica Rhyolites of the Coso Volcanic Field, Inyo County, California. *Journal of Geophysical Research* 86B:10,223-10,241.
- Bailey, Roy A.
1989 *Geologic Map of the Long Valley Caldera, Mono-Inyo Craters Volcanic Chain, and Vicinity, Eastern California*. U.S. Geological Survey Miscellaneous investigations Series Map I-1993, scale 1:62,500.
- Bailey, Roy A., G. B. Dalrymple, and L. A. Lanphere
1976 Volcanism, Structure, and Geochronology of the Long Valley Caldera, Mono County, California. *Journal of Geophysical Research* 81(B5):725-744.
- Basgall, Mark E.
1988 The Archaeology of CA-MNO-679: A Pre-archaic Site in Long Valley Caldera, Mono County, California. In *Early Human Occupation in Far Western North America: The Clovis-Archaic Interface*, edited by J. A. Willig, C. M Aikens, and J.L. Fagan, pp. 103-119. Nevada State Museum Anthropological Papers Number 21.
- Basgall, Mark E.
1989 Obsidian Acquisition and Use in Prehistoric Central Eastern California: A Preliminary Assessment. In *Current Directions in California Obsidian Studies*, edited by Richard E. Hughes, pp. 111-126. Contributions of the University of California Archaeological Research Facility No. 48, Berkeley, California.
- 1993 Chronological Sequences in the Southern Coast Ranges, California. In *There Grows a Green Tree: Papers in Honor of David A. Fredrickson*, edited by G. White, P. Mikkelsen, W. R. Hildebrandt, and M. E. Basgall, pp. 167-195. Center for Archaeological Research at Davis Publication 11, Davis, California.
- Basgall, M. E. and K. R. McGuire
1988 The Archaeology of CA-INY-30: Prehistoric Culture Change in the Southern Owens Valley, California. Report on file with the California Department of Transportation, Sacramento.
- Basgall, Mark E. and Mark A. Giambastiani
1995 *Prehistoric Use of a Marginal Environment: Continuity and Change in Occupation of the Volcanic Tablelands, Mono and Inyo Counties, California*. Center for Archaeological Research at Davis Publication No. 12, Davis, California.
- Basgall, Mark E. and William R. Hildebrandt
1989 *Prehistory of the Sacramento River Canyon, Shasta County, California: Excavation at CA-Sha-1176, Sha-1175, Sha-1169, Sha-476*. Center for Archaeological Research at Davis Publication No. 9, University of California, Davis, California.

Bentor, Yaacov K.

1984 Combustion-Metamorphic Glasses. *Journal of Non-Crystalline Solids* 67:433-448.

Bentor, Yaacov K. and M. Kastner

1976 Combustion-Metamorphism in Southern California. *Science* 193:486-488.

Bettinger, Robert L.

1980 Obsidian Hydration Dates for Owens Valley Settlement Categories. *Journal of California and Great Basin Anthropology* 2:286-292.

1982 Aboriginal Exchange and Territoriality in Owens Valley, California. In *Contexts for Prehistoric Exchange*, edited by Jonathon E. Ericson and Timothy K. Earle, pp. 103-127. Academic Press, New York, New York.

1983 Aboriginal Sociopolitical Organization in Owens Valley: Beyond the Family Band. In *The Development of Political Organization in Native North America*, edited by E. Tooker. Proceedings of the EAS, 1979, pp. 45-58.

1989a Establishing an Hydration Rate for Fish Springs Obsidian. In *Current Directions in California Obsidian Studies*, edited by Richard E. Hughes, pp. 59-68. Contributions of the University of California Archaeological Research Facility No. 48, Berkeley, California.

1989a *The Archaeology of Pinyon House, Two Eagles, and Crater Middens: Three Residential Sites in Owens Valley, Eastern California*. Anthropological Papers of the American Museum of Natural History 67, 355 pp.

Bettinger, Robert L., Michael G. Delacorte, and Robert L. Jackson

1984 Visual Sourcing of Central Eastern California Obsidians. In *Obsidian Studies in the Great Basin*, edited by R.E. Hughes, pp. 63-78. Contributions of the University of California Archaeological Research Facility, Berkeley, California.

Bevill, Russell W.

2004 Obsidian Hydration: The Squaw Creek Site Revisited. *Proceedings of the Society for California Archaeology* 17:133-138.

Bieling, David G.

1992 *Perspectives on Behavior Gained from Lithic Analysis and Archaeological Investigations Near Bridgeport, Mono County, California*. Unpublished Master's Thesis, Sonoma State University, Rohnert Park, California.

Bloomer, William and Denise Jaffke

2009 A High Sierran Nexus: Hot Obsidian Data from Donner Memorial State Park. *Proceedings of the Society for California Archaeology* 21:109-115.

Bouey, Paul D. and Mark E. Basgall

1984 Trans-Sierran Exchange in Prehistoric California: The Concept of Economic Articulation. In *Obsidian Studies in the Great Basin*, edited by Richard E. Hughes, pp. 135-172. Contributions of the University of California Archaeological Research Facility No. 45, Berkeley, California.

Bowman, H. R., F. Asaro, and I. Perlman

1973a Composition Variations in Obsidian Sources and the Archaeological Implications. *Archaeometry* 15:123-127.

1973b On the Uniformity of Composition in Obsidians and Evidence for Magmatic Mixing. *Journal of Geology* 81:312-327.

Brady, Ryan T.

2005 Assessing the Variable Role of Bifaces in Hunter-Gatherer Toolkits of Eastern California. *Proceedings of the Society for California Archaeology* 18:238-246.

2007 *Prehistoric Wetland Use in the Mono Lake Basin, Eastern California*. Unpublished Master's Thesis, Department of Anthropology, California State University, Sacramento, California.

Burke, Thomas D.

- 1972 *Stone Technology in Northern California*. Unpublished Master's Thesis, Department of Anthropology, University of Nevada, Reno, Nevada.

Burton, J. F.

- 1996a *An Archaeological Survey of a Navy F-18 Crash Site, Hunter Mountain, Death Valley National Park, California*. Report on file with the National Park Service Western Archaeological and Conservation Center.

- 1996b *Three Farewells to Manzanar: The Archaeology of Manzanar National Historic Site, California*. Western Archaeological and Conservation Center Publications in Anthropology 67.

- 1998 *The Archaeology of Somewhere: Archaeological Testing Along U.S. Highway 395, Manzanar National Historic Site, California*. Western Archaeological and Conservation Center Publications in Anthropology 72.

Butler, Gail A.

- 1995 *Rockhounding California*. Falcon Press, Guilford, Connecticut.

Castro, Jonathan M.

- 1999 *Textural and Structural Development of Obsidian Lavas*. Unpublished Ph.D. Dissertation, Department of Geological Sciences, University of Oregon, Eugene, Oregon.

Connolly, Thomas J., Jane E. Benjamin, Brian L. O'Neill, and Dennis L. Jenkins

- 1994 *Archaeological Investigations at Two Sites on the Upper Rogue River (35JA189 and 35JA190), Southwest Oregon*. University of Oregon Anthropological Papers 48, Eugene, Oregon.

Dietler, John

- 2004 Lithic Material Use in Late Prehistoric San Diego County. *Proceedings of the Society for California Archaeology* 14:57-67.

Dillian, Carolyn D.

- 2002 *More Than Toolstone: Differential Utilization of Glass Mountain Obsidian*. Unpublished Ph.D. Dissertation, Department of Anthropology, University of California, Berkeley, California.

Dillian, Carolyn D., Charles A. Bello, and M. Steven Shackley

- 2007 Crossing the Delaware: Documenting Super Long-Distance Exchange in the Mid-Atlantic. *Archaeology of Eastern North America* 35:81-104.

Dominici, Debra A.

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

Donnelly-Nolan, Julie M.

- 1987 Medicine Lake Volcano and Lava Beds National Monument, California. In *Centennial Field Guide Volume 1*, edited by M. L. Hill, pp. 289-294. Geological Society of American Centennial Field Guide, Cordilleran Section.

Donnelly-Nolan, Julie M.

- 1988 A Magmatic Model of Medicine Lake Volcano, California. *Journal of Geophysical Research* 93:4,412-4,420.

- 1989 Medicine Lake Volcano, California. In *Field Excursions to Volcanic Terranes in the Western United States, Volume II: Cascades and Intermountain West*, edited by Charles Chapin and Jiri Zedek, pp. 194-201. New Mexico Bureau of Mines and Mineral Resources Memoir 47, Socorro, New Mexico.

- 1992 Medicine Lake Volcano and Lava Beds National Monument. *California Geology* 45:145-153.

Donnelly-Nolan, Julie M., Duane E. Champion, C. Dan Miller, Timothy L. Grove, and Deborah A. Trimble

- 1990 Post-11,000-Year Volcanism at Medicine Lake Volcano, Cascade Range, Northern California. *Journal of Geophysical Research* 95B:19,693-19,704.

NORTHWEST RESEARCH OBSIDIAN STUDIES LABORATORY ■ WWW.OBSIDIANLAB.COM

- Donnelly-Nolan, Julie M., B. Carter Hearn, Jr., Garniss H. Curtis, and Robert E. Drake
1981 Geochronology and Evolution of the Clear Lake Volcanics. In *Research in the Geysers-Clear Lake Geothermal Area, Northern California*, edited by Robert J. McLaughlin and Julie M. Donnelly-Nolan, pp. 47-60. U. S. Geological Survey Professional Paper 1141.
- Dowdall, Katherine M.
1991 Possible Correlations Between Environmental Fluctuations and Obsidian Use at Five Mono County Sites. *Proceedings of the Society for California Archaeology* 4:45-65.
- Drucker, Philip
1937 The Tolowa and Their Southwest Oregon Kin. *University of California Publications in American Archaeology and Ethnology* 36:221-299.
- Duffield, Wendell A., Charles A. Bacon, and G. Brent Dalrymple
1980 Volcanism, Geochronology, and Structure of the Coso Range, Inyo County, California. *Journal of Geophysical Research* 85B:2,381-2,404.
- Eerkens, Jelmer W., Jeffrey R. Ferguson, Michael D. Glascock, Craig E. Skinner, and Sharon A. Waechter
2007 Reduction Strategies and Geochemical Characterization of Lithic Assemblages: A Comparison of Three Case Studies from Western North America. *American Antiquity* 72:585-597.
- Eerkens, Jelmer W. and Jeffrey S. Rosenthal
2004 Are Obsidian Subsources Meaningful Units of Analysis?: Temporal and Spatial Patterning of Subsources in the Coso Volcanic Field, Southeastern California. *Journal of Archaeological Science* 31:21-29.
- Eerkens, Jelmer W. and Amy M. Spurling
2008 Obsidian Acquisition and Exchange Networks: A Diachronic Perspective on Households in the Owens Valley. *Journal of California and Great Basin Anthropology* 28:111-126.
- Elston, Robert G. and Charles D. Zeier
1984 *The Sugarloaf Obsidian Quarry*. Report prepared for the Naval Weapons Center, China Lake, California, by Intermountain Research. NWC Administrative Publication 313.
- 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.

1982 Production for Obsidian Exchange in California. In *Contexts for Prehistoric Exchange*, edited by Jonathon E. Ericson and Timothy K. Earle, pp. 129-148. Academic Press, New York, New York.

1989 Toward Flow-Specific Obsidian Hydration Rates: Coso Volcanic Field, Inyo County, California. In *Current Directions in California Obsidian Studies*, edited by Richard E. Hughes, pp. 13-22. Contributions of the University of California Archaeological Research Facility No. 48, Berkeley, California.
- Ericson, Jonathon E. and Michael D. Glascock
2004 Subsource Characterization: Obsidian Utilization of Subsources of the Coso Volcanic Field, Coso Junction, California, USA. *Geoarchaeology* 19:779-805.
- Ericson, Jonathon E.; T. A. Hagan, and C. W. Chesterman
1976 Prehistoric Obsidian in California II: Geologic and Geographic Aspects. In *Advances in Obsidian Glass Studies*, edited by R. E. Taylor, pp. 218-239. Noyes Press, Park Ridge, New Jersey.
- Farmer, Malcolm F.
1937 An Obsidian Quarry Near Coso Hot Springs, California. *The Masterkey* 11(1):7-9.
- Faull, Mark R.
2006 Emerging Efforts to Define the Coso Obsidian Economic Exchange System in the Rose, Fremont and Antelope Valleys of the Western Mojave Desert, California. *Proceedings of the Society for California Archaeology* 19:159-167.

NORTHWEST RESEARCH OBSIDIAN STUDIES LABORATORY ■ WWW.OBSIDIANLAB.COM

- 2007 The Coso Obsidian Economy and Possible Links to Village Establishment and Cultural Transition in the Rose Valley of Eastern California. *Proceedings of the Society for California Archaeology* 20:66-76.
- indlow, Frank J., Suzanne P. DeAtley, and Jonathon E. Ericson
1978 A Tentative Hydration Rate for the Obsidian from the Borax Lake Source, Lake County, California. In *Obsidian Dates II*, edited by C. W. Meighan and P. I. Vanderhoeven, pp. 133-137. University of California Institute of Archaeology Monograph 6, Los Angeles, California.
- Fink, Jonathan H.
1978 *Surface Structures on Obsidian Flows*. Unpublished Ph.D. Dissertation, Department of Geology, Stanford University, Palo Alto, California.
1980a Surface Folding and Viscosity of Rhyolite Flows. *Geology* 8:250-254.
1980b Gravity Instability in the Holocene Big and Little Glass Mountain Rhyolitic Obsidian Flows, Northern California. *Tectonophysics* 66:147-166.
1981 Surface Structure of Little Glass Mountain. In *Guides to Some Volcanic Terranes in Washington, Idaho, Oregon, and Northern California*, edited by D. A. Johnston and J. Donnelly-Nolan, pp. 171-175. U. S. Geological Survey Circular 838.
1983 Structure and Emplacement of a Rhyolitic Obsidian Flow: Little Glass Mountain, Medicine Lake Highland, Northern California. *Geological Society of America Bulletin* 94:362-380.
1984 Structural Geologic Constraints on the Rheology of Rhyolitic Obsidian. *Journal of Non-Crystalline Solids* 67:135-146.
1985 Geometry of Silicic Dikes Beneath the Inyo Domes, California. *Journal of Geophysical Research* 90B:11,127-11,133.
- Fink, Jonathan H., Steven W. Anderson, and Curtis R. Manley
1992 Textural Constraints on Effusive Silicic Volcanism: Beyond the Permeable Foam Model. *Journal of Geophysical Research* 97B:9,073-9,083.
- Fink, Jonathan H. and Curtis R. Manley
1987 Origin of Pumiceous Glassy Textures in Rhyolite Flows and Domes. In *The Emplacement of Silicic Domes and Lava Flows*, edited by J. H. Fink, pp. 77-88. Geological Society of America Special Paper 212.
- Fink, Jonathan H. and David D. Pollard
1983 Structural Evidence for Dikes Beneath Silicic Domes, Medicine Lake Volcano, California. *Geology* 11:458-461.
- Fox, Kenneth F.
1983 *Tectonic Setting of Lake Miocene, Pliocene, and Pleistocene Rocks in Part of the Coast Ranges North of San Francisco, California*. U. S. Geological Survey Professional Paper 1239.
- Fredrickson, David A.
1989 Spatial and Temporal Patterning of Obsidian Materials in the Geysers Region. In *Current Directions in California Obsidian Studies*, edited by Richard E. Hughes, pp. 95-109. Contributions of the University of California Archaeological Research Facility No. 48, Berkeley, California.
1991 Recent Excavations Near Bridgeport. *Society for California Archaeology Newsletter* 25:13-14.
1996 Obsidian Studies, Social Boundaries, Theoretical Models, and the Development of Tribelet Structure in Central California. *Proceedings of the Society for California Archaeology* 9:25-29.
- Fredrickson, David A., Janine Loyd, Ted Jones, Sue-Ann Schroder, and Tom Origer
2006 The Coso - Casa Diablo Hydration Conundrum. *Proceedings of the Society for California Archaeology* 19:151-156.

- Fredrickson, David A. and Gregory C. White
1988 The Clear Lake Basin and Early Complexes in California's North Coast Ranges. In *Early Human Occupation in Far Western North America: The Clovis-Archaic Interface*, edited by Judith A. Willig, C. Melvin Aikens, and John L. Fagan, pp. 75-86. Nevada State Museum Anthropological Papers No. 21, Carson City, Nevada.
- Friedman, Irving
1968 Hydration Rind Dates Rhyolite Flows. *Science* 159:878-880.
- Gardner, Jill K. and Robert M. Yohe III
2009 A Cremation and an Inhumation from the Dover Overflow Site (CA-MER-415), Merced County, California. *Journal of California and Great Basin Anthropology* 20:90-104.
- Garfinkel, Alan P.
2003 Dating "Classic" Coso Sheep Style Petroglyphs in the Coso Range and El Paso Mountains: Implications for Regional Prehistory. *Society for California Archaeology Newsletter* 27(4):34-37.
- Garfinkel, Alan P. and Robert M. Yohe II
2004 Antiquity and Function: Humboldt Basal-notched Bifaces in the Southwestern Great Basin. *Journal of California and Great Basin Anthropology* 24:103-126.
- Gary, Mark A. and Deborah L. McLearn-Gary
1990 The Caballo Blanco Biface Cache, Mendocino County, California (CA-MEN-1608). *Journal of California and Great Basin Anthropology* 12:19-27.
- Gates, Gerald R
2005 A Thematic Evaluation of Small Prehistoric Foraging and Logistical Locations on a Portion of the Modoc Plateau of Northeastern California. *Proceedings of the Society for California Archaeology* 18:70-75.
- Gilreath, Amy J. and William R. Hildebrandt
1996 Archaeological Investigations Within the Coso Volcanic Field. *Society for California Archaeology Newsletter* 30(3):1, 3-5.
1997 *Prehistoric Use of the Coso Volcanic Field*. Contributions of the University of California Archaeological Research Facility No. 56, Berkeley, California.
2008 Coso Rock Art Within Its Archaeological Context. *Journal of California and Great Basin Anthropology* 28:1-22.
- Gold, Alan P.
2005 *Linguistic Archaeology: Prehistoric Population Movements and Cultural Identity in the Southwest Great Basin and Far Southern Sierra Nevada*. Unpublished Ph.D. Dissertation, University of California, Davis, California.
- Goldberg, Susan K., Elizabeth J. Skinner, and Jeffrey F. Burton
1990 *Archaeological Excavations at Sites CA-MNO-574, -577, -578, and -833: Stoneworking in Mono County, California*. Report prepared for the California Department of Transportation, Bishop, California, by INFOTEC Research, Inc., Sonora, California.
- Goldschmidt, Walter R. and H. E. Driver
1943 The Hupa White Deerskin Dance. *University of California Publications in American Archaeology and Ethnology* 35:103-143.
- Gould, Richard A.
1966 The Wealth Quest Among the Tolowa Indians of Northwestern California. *Proceedings of the American Philosophical Society* 110:67-89.
- Grove, T., J. Donnelly-Nolan, and T. Housh
1997 Magmatic Processes That Generated the Rhyolite of Glass Mountain, Medicine Lake Volcano, N. California. *Contributions to Mineralogy and Petrology* 127:205-223.

NORTHWEST RESEARCH OBSIDIAN STUDIES LABORATORY ■ WWW.OBSIDIANLAB.COM

- Haarklau, Lynn, Lynn Johnson, David L. Wagner, Richard E. Hughes, Craig E. Skinner, Jennifer J. Thatcher, and Keith Myhrer
2005 *Fingerprints in the Great Basin: The Nellis Air Force Base Regional Sourcing Study*. Report prepared for Nellis Air Force Base by Prewitt and Associates, Inc., Austin, Texas.
- Halford, Kirk
1998 *Archaeology and Environment on the Dry Lakes Plateau, Bodie Hills, California: Hunter-Gatherer Coping Strategies for Holocene Environmental Variability*. Unpublished Master's Thesis, Department of Anthropology, University of Nevada, Reno, Nevada.
2001 New Evidence for Early Holocene Acquisition and Production of Bodie Hills Obsidian. *Society for California Archaeology Newsletter* 35(1):32-37.
2008 *The Coleville and Bodie Hills NRCS Soil Inventory, Walker and Bridgeport, California: A Reevaluation of the Bodie Hills Obsidian Source (CA-MNO-4527) and Its Spatial and Chronological Use*. Report prepared by the Bureau of Land Management, Bishop Field Office, Bishop, California.
- Hall, Matthew C. and Robert J. Jackson
1989 Obsidian Hydration Rates in California. In *Current Directions in California Obsidian Studies*, edited by Richard E. Hughes, pp. 31-58. Contributions of the University of California Archaeological Research Facility No. 48, Berkeley, California.
- Hamusek, Blossom M.
1993 *What X Equals: The Archaeological and Geological Distribution of "Source X" Tuscan Obsidian in Northern California*. Unpublished Master's Thesis, California State University, Chico, California.
1995 The Tuscan Obsidian Source of Northern California: Archaeological Implications and Geochemical Variability. *Proceedings of the Society for California Archaeology* 8:13-32.
- Hardesty, Donald L. and S. Fox
1974 *Archaeological Investigations in Northern California*. Nevada Archaeological Survey Research Paper No. 4, Reno, Nevada.
- Harrington, Mark R.
1948 *An Ancient Site at Borax Lake, California*. Southwest Museum Papers No. 16, Los Angeles, California.
- Harrington, M. R.
1951. A Colossal Quarry. *The Masterkey* 25:15-18.
- Hearn, B. C., Jr., J. M. Donnelly-Nolan, and F. E. Goff
1995 *Geologic Map and Structure Sections of the Clear Lake Volcanics, Northern California*. U. S. Geologic Survey Miscellaneous Investigations Series I-2362, scale 1:24,000.
- Heiken, Grant H.
1978 Plinian-Type Eruptions in the Medicine Lake Highland, California, and the Nature of the Underlying Magma. *Journal of Volcanology and Geothermal Research* 4:374-402.
- 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.
- Higgins, Chris T.
1983 Geology of Annadel State Park. *California Geology* 36:235-241.
- Hildebrandt, William R.
1997 The Relative Importance of Lacustrine and Estuarine Resources to Prehistoric Hunter-Gatherer Populations: A View from Southern Santa Clara Valley, California. *Journal of California and Great Basin Anthropology* 19:197-225.
- Hughes, Richard E.
1978 Aspects of Prehistoric Wiyot Exchange and Social Ranking. *Journal of California Anthropology* 5(1):55-66.

NORTHWEST RESEARCH OBSIDIAN STUDIES LABORATORY ■ WWW.OBSIDIANLAB.COM

- 1982 Age and Exploitation of Obsidian from the Medicine Lake Highland, California. *Journal of Archaeological Science* 9:55-66.
- 1985 Obsidian Sources. In *Nightfire Island: Later Holocene Lakemash Adaptation on the Western Edge of the Great Basin*, by C. Garth Sampson, pp. 245-267. University of Oregon Anthropological Papers No. 33, Eugene, Oregon.
- 1986a *Diachronic Variability in Obsidian Procurement Patterns in Northeast California and Southcentral Oregon*. University of California Publications in Anthropology 17, Berkeley, California.
- 1986b Trace Element Composition of Obsidian Butte, Imperial County, California. *Bulletin of the Southern California Academy of Sciences* 85:35-45.
- 1988 The Coso Volcanic Field Reexamined: Implications for Obsidian Sourcing and Hydration Dating Research. *Geoarchaeology* 3:253-265.
- 1989 A New Look at Mono Basin Obsidians. In *Current Directions in California Obsidian Studies*, edited by Richard E. Hughes, pp. 1-12. Contributions of the University of California Archaeological Research Facility No. 48, Berkeley, California.
- 1992 Northern California Obsidian Studies: Some Thoughts and Observations on the First Two Decades. *Proceedings of the Society for California Archaeology* 5:113-122.
- 1994 Intrasource Chemical Variability of Artefact-Quality Obsidians from the Casa Diablo Area, California. *Journal of Archaeological Science* 21:263-271.
- 1994 Mosaic Patterning in Prehistoric California - Great Basin Exchange. In *Prehistoric Exchange Systems in North America*, edited by Timothy G. Baugh and Jonathon E. Ericson, pp. 363-383. Plenum Press, New York, New York.
- Hughes, Richard E and J. A. Bennyhoff
1986 Early Trade. In *Handbook of North American Indians, Vol. 11: Great Basin*, edited by W.L. D'Azevedo, pp. 238-255. Smithsonian Institution, Washington, D. C.
- Hughes, Richard E. and R. L. Bettinger
1984 Obsidian and Prehistoric Cultural Systems in California. In *Exploring the Limits: Frontiers and Boundaries in Prehistory*, edited by Suzanne P. DeAtley and Frank J. Findlow, pp. 153-172. BAR International Series 223, Oxford, England.
- Hughes, R.E. and R. L. Smith
1993 Archaeology, Geology, and Geochemistry in Obsidian Provenance Studies. In *Effects of Scale on Archaeological and Geoscientific Perspectives*, edited by J. K. Stein and A. R. Linse, pp. 79-91. Geological Society of America Special Paper 283-291.
- Hughes, Richard E. and D. L. True
1985 Perspectives on the Distribution of Obsidians in San Diego County, California. *North American Archaeologist* 6:325-339.
- Hull, Kathleen L.
1988 Obsidian Studies in Yosemite National Park: Preliminary Observations. *Proceedings of the Society for California Archaeology* 1:169-187.
- 2001 Reasserting the Utility of Obsidian Hydration Dating: A Temperature-Dependent Empirical Approach to Practical Temporal Resolution with Archaeological Obsidians. *Journal of Archaeological Science* 28:1025-1048.
- Iddings, Joseph P.
1888 Obsidian Cliff, Yellowstone National Park. *U.S. Geological 7th Annual Report 1885-'86*, 3:249-295.

Jack, Robert N.

- 1976 Prehistoric Obsidian in California I: Geochemical Aspects. In *Advances in Obsidian Glass Studies: Archaeological and Geochemical Perspectives*, edited by R. E. Taylor, pp. 183-217. Noyes Press, Park Ridge, New Jersey.

Jack, R. N. and I. S. E. Carmichael

- 1969 The Chemical 'Fingerprinting' of Acid Volcanic Rocks. In *Short Contributions to California Geology*, pp. 17-32. California Division of Mines and Geology Special Report 100, Sacramento, California.

Jackson, Thomas L.

- 1974 *The Economics of Obsidian in Central California Prehistory: Applications of X-Ray Fluorescence Spectrography in Archaeology*. Unpublished Master's Thesis, San Francisco State University, San Francisco, California.

- 1984 A Reassessment of Obsidian Production Analyses for the Bodie Hills and Casa Diablo Quarry Areas. In *Obsidian Studies in the Great Basin*, edited by Richard E. Hughes, pp. 117-134. Contributions of the University of California Archaeological Research Facility No. 45, Berkeley, California.

- 1986 *Late Prehistoric Obsidian Exchange in Central California*. Unpublished Ph.D. Dissertation, Department of Anthropology, Stanford University, Palo Alto, California.

- 1989 Late Prehistoric Obsidian Production and Exchange in the North Coast Ranges, California. In *Current Directions in California Obsidian Studies*, edited by Richard E. Hughes, pp. 79-94. Contributions of the University of California Archaeological Research Facility No. 48, Berkeley, California.

Jackson, Thomas L. and Jonathon E. Ericson

- 1994 Prehistoric Exchange Systems in California. In *Prehistoric Exchange Systems in North America*, edited by Timothy G. Baugh and Jonathon E. Ericson, pp. 385-415. Plenum Press, New York, New York.

Johnson, Lynn, Richard E. Hughes, and David L. Wagner

- 1999 Geochemical Variability of Archaeologically Significant Obsidians in the Saline Range, Inyo County, California (Abstract). *Geological Society of American Abstracts With Programs* 31(6):A-67.

Johnson, Lynn, David L. Wagner, and Craig E. Skinner

- 1999 Geochemistry of Archaeological Obsidian Sources in the Saline Range, Death Valley National Park, California. In *Proceedings of Conference on Status of Geologic Research and Mapping in Death Valley National Park, Las Vegas, Nevada, April 4-11, 1999*. U.S. Geological Survey Open-File Report 99-153, pp.118-120.

Johnson, LeRoy

- 1969 Obsidian Hydration Rate for the Klamath Basin of California and Oregon. *Science* 165:1354-1356.

Jones, George T., Charlotte Beck, Eric E. Jones, and Richard E. Hughes

- 2003 Lithic Source Use and Paleoarchaic Foraging Territories in the Great Basin. *American Antiquity* 68:5-38.

Kaldenberg, Russell L.

- 2005 A Short History of Archaeological Inquiry at China Lake Naval Weapons Station Between About 1930 and the Early 1950's. *Proceedings of the Society for California Archaeology* 18:165-175.

Kaufman, Thomas S.

- 1978 Obsidian Hydration Analysis of 15 Specimens from the Borax Lake Obsidian Quarry, Lake County, California. In *Obsidian Dates II*, edited by C. W. Meighan and P. I. Vanderhoeven, pp. 148-155. University of California Institute of Archaeology Monograph 6, Los Angeles, California.

- 1980 *Early Prehistory of the Clear Lake Area, Lake County, California*. Unpublished Ph.D. Dissertation, University of California, Los Angeles, California.

Kerr, Richard A.

- 1985 Inyo Domes Drilling Hits Pay Dirt. *Science* 227(4686):504-505.

- King, Jerome
 2004 Re-Examining Coso Obsidian Hydration Rates. *Proceedings of the Society for California Archaeology* 14:135-142.
- Kroeber, A. L.
 1905 The Obsidian Blades of California: Notes by A. L. Kroeber. *American Anthropologist* 7:790-795.
 1920 *Handbook of Indians of California*. Bureau of American Ethnology Bulletin 78.
- Lanphere, Marvin A., G. Brent Dalrymple, and Robert L. Smith
 1975 K-Ar Ages of Pleistocene Rhyolitic Volcanism in the Coso Range, California. *Geology* 3:339-341.
- Laylander, Don
 1995 The Chronology of Lake Cahuilla's Final Stand. *Proceedings of the Society for California Archaeology* 8:69-78.
 1997 Inferring Settlement Systems for the Prehistoric Hunter-Gatherers of San Diego County, California. *Journal of California and Great Basin Anthropology*: 19:179-196.
 2002 Assessing the Magnitude of Hydration Chronology Error for Coso Obsidian in Western Inyo County. *Proceedings of the Society for California Archaeology* 15:61-65.
- Luhnnow, Glenda
 1997 *An Examination of the Ethnographic Boundary Shared by Gumatwas and Kokiwas Tribelets, Northeastern California*. Unpublished Master's Thesis, Cultural Resource Management, Sonoma State University, Rohnert Park, California.
 2000 ARCOfacts: Interpreting a Late Transitional Burial Assemblage at the ARCO Site, Carson, CA. *Proceedings of the Society for California Archaeology* 13:162-168..
- Lydon, Philip A.
 1967 The Origin of Tuscan Buttes and the Volume of the Tuscan Formation in Northern California. In *Short Contributions to California Geology*, pp. 17-26. California Division of Mines and Geology Special Report 91, Sacramento, California.
 1968 Geology and Lahars of the Tuscan Formation, Northern California. In *Studies in Volcanology: A Memoir in Honor of Howel Williams*, edited by Robert L. Coats, Richard L. Hay, and Charles A. Anderson, pp. 441-475. Geological Society of America Memoir 116.
- MacDonald, Ray, Robert L. Smith, and John E. Thomas
 1993 *Chemistry of the Subalkalic Silicic Obsidians*. U. S. Geological Survey Professional Paper 1523.
- Macko, Michael E., Jeffrey S. Couch, and Henry C. Koerper
 2005 Implications of Ritual Biface Caches from the Irvine Site. *Journal of California and Great Basin Anthropology* 25:93-108.
- Meighan, Clement W.
 1983 Obsidian Dating in California. *American Antiquity* 48:600-609.
- Meighan, Clement W. and C. Vance Haynes
 1970 The Borax Lake Site Revisited. *Science* 167:1213-1221.
- Mertzman, Stanley A.
 1982 K-Ar Results for Silicic Volcanics from the Medicine Lake Highland, Northeastern California. *Isochron/West* 34:3-7.
- Metz, Jenny M. and Roy A. Bailey
 1993 *Geologic Map of Glass Mountain, Mono County, California*. U. S. Geological Survey Miscellaneous Investigations Series Map I-1995, scale 1:24,000.
- Mitchell, James R.
 1995 *Gem Trails of Northern California*. Gem Guides Book Co., Baldwin Park, California.

- 2003 *Gem Trails of Southern California*. Gem Guides Book Co., Baldwin Park, California.
- Mone, Sheila L. and Cynthia J. Adams
 1988 CA-Mno-574 and -833: A Look at Casa Diablo Obsidian Production at Stoneworking Sites in Long Valley, Mono County. *Proceedings of the Society for California Archaeology* 1:17-37.
- Moore, Joe
 2009 *Great Basin Tool-Stone Resources: The NDOT Obsidian and Tool-Stone Sourcing Project - 2002 Progress Report (Draft)*. Report prepared by the Cultural Resource Section, Nevada Department of Transportation, Carson City Nevada.
- Naeser, C. W., G. A. Izett, and J. D. Obradovich
 1980 *Fission-Track and K-Ar Ages of Natural Glasses*. U. S. Geological Survey Bulletin 1489.
- Nelson, C. A..
 1971 *Geologic map of the Wacouba Spring Quadrangle, Inyo County, California*. U. S. Geological Survey Map GQ-912, scale 1:62,500.
- Nelson, Fred W.
 1984 X-ray Fluorescence Analysis of Some Western North American Obsidians. In *Obsidian Studies in the Great Basin*, edited by Richard E. Hughes, pp. 27-62. Contributions of the University of California Archaeological Research Facility Number 45, Berkeley, California.
- Noble, Donald C., Marjorie K. Korringa, Carl E. Hedge, and George O. Riddle
 1972 Highly Differentiated Subalkaline Rhyolite from Glass Mountain, Mono County, California. *Geological Society of America Bulletin* 83:1179-1184.
- Origer, Thomas M.
 1982 *Temporal Control in the Southern North Coast Ranges of California: The Application of Obsidian Hydration Analysis*. Unpublished Master's Thesis, Department of Anthropology, San Francisco State University, San Francisco, California.
- 1987 *Temporal Control in the Southern North Coast Ranges of California: The Application of Obsidian Hydration Analysis*. Papers in Northern California Anthropology No. 1, Northern California Anthropological Group, Berkeley, California.
- 1989 Hydration Analysis of Obsidian Flakes Produced by Ishi During the Historic Period. In *Current Directions in California Obsidian Studies*, edited by Richard E. Hughes, pp. 69-77. Contributions of the University of California Archaeological Research Facility No. 48, Berkeley, California.
- Ozbun, Terry L., Douglas C. Wilson, Eric E. Forgeng, and Julia J. Wilt
 1996 *Enhanced Survey, Testing, and Evaluation Results for Cultural Resources Found on the Elk Creek Road Improvements Project, Jackson County, Oregon*. Report prepared for David Evans and Associates, Inc., Portland, Oregon, and Federal Highway Administration, Western Federal Lands Highway Division, Vancouver, Washington. Archaeological Investigations Northwest Report No. 112, Portland, Oregon.
- Parkman, Edward B.
 1983 A Note Concerning the Archaeology of Annadel State Park. *Journal of California and Great Basin Anthropology* 5:255-259.
- Pastron, Allen G. and Michael R. Walsh
 1989 Two Biface Clusters and Their Relation to Mortuary Practices in the San Francisco Bay Area. *Journal of California and Great Basin Archaeology* 11:74-88.
- Pettigrew, Richard M. and Clayton G. Lebow
 1987 *Data Recovery at Sites 35JA27, 35JA59, and 35JA100, Elk Creek Lake Project, Jackson County, Oregon*. Report prepared by INFOTEC Research, Inc., Eugene, for the U. S. Army Corps of Engineers, Portland District, Portland, Oregon.

Psota, Sunshine

- 1994 *Native American Use on Non-Quarry Obsidian in Northern Sonoma County: A Preliminary Assessment*. Unpublished Master's Thesis, Sonoma State University, Rohnert Park, California.

Putnam, William C.

- 1938 The Mono Craters, California. *Geographical Review* 28:68-82.

Ramos, Brian A.

- 2000 *Prehistoric Obsidian Quarry Use and Technological Changes in the Western Great Basin: Examining Lithic Procurement at the Truman/Queen Obsidian Source, California and Nevada*. Unpublished Ph. Dissertation, Department of Anthropology, University of California, Davis, California.

Reynolds, Linda A.

- 1996 *In the Dwelling Place of a Great Spirit: The Prehistory of the Pinon-Juniper Woodland of the Inyo-White Mountain Range, Eastern California*. Unpublished Ph.D. dissertation, Department of Anthropology, University of Nevada, Reno.

Rick, John W. and Thomas L. Jackson

- 1992 A Funny Thing Happened on the Way from the Quarry ... Analysis of the Great Blades Cache of Northern California. In *Stone Tool Procurement, Production, and Distribution in California Prehistory*, edited by Jeanne E. Arnold, pp. 5-65. Perspectives in California Archaeology, Volume 2, Institute of Archaeology, University of California, Los Angeles, California.

Roper, C. Kristina

- 1992 *A Study of High Altitude Obsidian Distribution in the Southern Sierra Nevada, California*. Unpublished Master's Thesis, Department of Anthropology, Sonoma State University, Rohnert Park, California.
- 1993 Spatial and Temporal Characteristics of High Altitude Site Patterning in the Southern Sierra Nevada. In *There Grows a Green Tree*, edited by Greg White, Pat Mikkelsen, William R. Hildebrandt, and Mark E. Basgall, pp. 285-301. University of California Center for Archaeological Research at Davis Publication No. 11, Davis, California.

Ross, D.C.

- 1967 *Geologic Map of the Waucoba Wash Quadrangle, Inyo County, California*. U. S. Geological Survey Map GQ-612, scale 1:62,500.

Russell, Israel C.

- 1889 *Quaternary History of the Mono Valley, California*. In Eighth Annual Report of the U.S. Geological Survey, 1887-1888.

Rust, Horatio N.

- 1905 The Obsidian Blades of California. *American Anthropologist* 7:688-689.

Shackley, M. S.

- 1994 Intersource and Intrasource Geochemical Variability in Two Newly Discovered Archaeological Obsidian Sources in the Southern Great Basin. *Journal of California and Great Basin Anthropology* 16:118-129.

Sieh, Kerry and Marcus Bursik

- 1986 Most Recent Eruption of the Mono Craters, Eastern Central California. *Journal of Geophysical Research* 91:12,539-12,571.

Silliman, Steve

- 2005 Obsidian Studies and the Archaeology of 19th-Century California. *Journal of Field Archaeology* 30:75-94.

Singer, Clay A. and Jonathon E. Ericson

- 1977 Quarry Analysis at Bodie Hills, Mono County, California: A Case Study. In *Exchange Systems in Prehistory*, edited by T. Earle and J. Ericson, pp. 171-188. Academic Press, New York, New York.

Skinner, Craig E.

- 1995a. Obsidian Characterization Studies. In *Archaeological Investigations, PGT-PG&E Pipeline Expansion Project, Idaho, Washington, Oregon, and California, Volume V: Technical Studies*, by Robert U. Bryson, Craig E. Skinner, and Richard M. Pettigrew, pp. 4.1-4.54. Report prepared for Pacific Gas Transmission Company, Portland, Oregon, by INFOTEC Research Inc., Fresno, California, and Far Western Anthropological Research Group, Davis, California.
- 1995b. Obsidian Hydration Studies. In *Archaeological Investigations, PGT-PG&E Pipeline Expansion Project, Idaho, Washington, Oregon, and California, Volume V: Technical Studies*, by Robert U. Bryson, Craig E. Skinner, and Richard M. Pettigrew, pp. 5.1-5.51. Report prepared for Pacific Gas Transmission Company, Portland, Oregon, by INFOTEC Research, Inc., Fresno, California, and Far Western Anthropological Research Group, Davis, California.

Stevens, Nathan E.

2002. *Prehistoric Use of the Alpine Sierra Nevada: Archaeological Investigations at Taboose Pass, Kings Canyon National Park, California*. Unpublished Master's Thesis, Department of Anthropology, California State University, Sacramento, California.
2004. Spatial and Temporal Patterning of Bedrock Mortar Sites in the Southern Sierra Nevada: A Regional Exploration. *Proceedings of the Society for California Archaeology* 17:231-238.
2005. Changes in Prehistoric Land Use in the Alpine Sierra Nevada: A Regional Exploration Using Temperature-Adjusted Obsidian Hydration Rates. *Journal of California and Great Basin Anthropology* 25:187-205.

Stevenson, Christopher M. and Barry E. Scheetz

1989. Induced Hydration Rate Development of Obsidians from the Coso Volcanic Field: A Comparison of Experimental Procedures. In *Current Directions in California Obsidian Studies*, edited by Richard E. Hughes, pp. 23-30. Contributions of the University of California Archaeological Research Facility No. 48, Berkeley, California.

Stevenson, Christopher M., Elizabeth Knaus, James J. Mazer, and John K. Bates

1993. Homogeneity of Water Content in Obsidian from the Coso Volcanic Field: Implications for Obsidian Hydration Dating. *Geoarchaeology* 8:371-384.

Strong, Mary F.

1971. *Desert Gem Trails: A Field Guide to the Gem and Mineral Localities of the Mojave and Colorado Deserts in California and Adjacent Areas of Nevada*. Gem Guides Book Co., Baldwin Park, California.

Thomas, David H.

1983. *The Archaeology of Monitor Valley 2:2. Gatecliff Shelter*. Anthropological Papers of the American Museum of Natural History Vol. 59, Pt. 1.

Torres, John

1998. Juan Obsidian Clast Source. *Lithic Technology* 23:85-89.

Tremaine, Kimberly J.

1989. *Obsidian as a Time Keeper: An Investigation in Absolute and Relative Dating*. Unpublished Master's Thesis, Sonoma State University, Rohnert Park, California.
1993. Temporal Ordering of Artifact Obsidians: Relative Dating Enhanced Through the Use of Accelerated Hydration Experiments, in *There Grows a Green Tree*, edited by Greg White, Pat Mikkelsen, William R. Hildebrandt, and Mark E. Basgall, pp. 265-275. University of California Center for Archaeological Research at Davis Publication No. 11, Davis, California.

Tremaine, Kimberly J. and David A. Fredrickson

1988. Induced Obsidian Hydration Experiments: An Investigation in Relative Dating. *Materials Research Symposium Proceedings* 123:271-278.

Troxel, Bennie W. and Ezat Heydari

1982. Basin and Range Geology in a Road Cut. In *Geology of Selected Areas in the San Bernardino Mountains, Western Mojave Desert and Southern Great Basin, California*, edited by J. D. Cooper, B. W. Troxel, and L. A. Wright, pp. 91-96. Geological Society of America Guidebook.

Tuohy, Donald R.

- 1984 Implications of Obsidian Hydration Readings and Source Determinations for 28 Presumed "Early Man" Points from Nevada. In *Obsidian Studies in the Great Basin*, edited by Richard E. Hughes, pp. 193-221. Contributions of the University of California Archaeological Research Facility No., 45, Berkeley, California.

Van de Hoek, Enid

- 1990 *A Spatial and Temporal Study of Blue Mountain Obsidian: Terrestrial Implications on the Devil's Garden in Northeastern California*. Unpublished Master's Thesis, Cultural Resources Management Program, Department of Anthropology, Sonoma State University, Rohnert Park, California.

Waechter, Sharon A. and William W. Bloomer

- 2009 Tahoe Reach Revisited: The Latest Pleistocene/Early Holocene in the Tahoe Sierra. *Proceedings of the Society for California Archaeology* 22:1-8.

Wilke, Philip J. and Adella B. Schroth

- 1989 Lithic Raw Material Prospects in the Mojave Desert, California. *Journal of California and Great Basin Anthropology* 11:1476-174.

Wood, Spencer H.

- 1977a Distribution, Correlation, and Radiocarbon Dating of Late Holocene Tephra, Mono and Inyo Craters, Eastern California. *Geological Society of America Bulletin* 88:89-295.

- 1977b *Chronology of Late Pleistocene and Holocene Volcanics, Long Valley and Mono Basin Geothermal Area, Eastern California*. U. S. Geological Survey Open File Report 83-747.

Wood, Spencer H. and Richard Brooks

- 1979 Panum Crater Dated 640 +/- 40 Radiocarbon Yrs. B. P., Mono Craters (Abstract). *California. Geological Society of America Abstracts With Programs* 11(7):543.

LAST UPDATED: AUGUST 21, 2009