

FINE-GRAINED VOLCANIC (FGV) SOURCE REFERENCES

Allen, Melinda S. and Kevin T. M. Johnson

- 1997 Tracking Ancient Patterns of Interaction: Recent Geochemical Studies in the Southern Cook Islands. In *Prehistoric Long-Distance Interaction in Oceania: An Interdisciplinary Approach*, edited by Marshall I. Weisler, pp. 111-133. New Zealand Archaeological Association Monograph 21, Auckland, New Zealand.

Anderson, Atholl

- 2000 Implications of Prehistoric Obsidian Transfer in South Polynesia. *Indo-Pacific Prehistory Association Bulletin* 20:117-123.

Anderson, Atholl, Wal Ambrose, Foss Leach, and Marshall Weisler

- 1997 Material Sources of Basalt and Obsidian Artefacts from a Prehistoric Settlement Site on Norfolk Island, South Pacific. *Archaeology in Oceania* 32:39-46.

Antonelli, F., F. Bernardini, S. Capedri, L. Lazzarini, and E. Montagnari Kokelj

- 2004 Archaeometric Study of Protohistoric Grinding Tools of Volcanic Rocks Found in the Karst (Italy-Slovenia) and Istria (Croatia). *Archaeometry* 46:537-552.

Antonelli, Fabrizio and Lorenzo Lazzarini

- 2010 Mediterranean Trade of the Most Widespread Roman Volcanic Millstones from Italy and Petrochemical Markers of their Raw Materials. *Journal of Archaeological Science* 37:2081-2092.

- 2012 First Archaeometric Characterization of Roman Millstones Found in the Aquileia Archaeological Site (Udine, Italy). *Archaeometry* 54:1-17.

Antonelli, F., G. Nappi, and L. Lazzarini

- 2003 Roman Millstones from Orvieto (Italy): Petrographic and Geochemical Data for a New Archaeometric Contribution. *Archaeometry* 43:167-189.

Arakawa, Fumiyasu and Kimberlee Miskell-Gerhardt

- 2009 Geoarchaeological Investigation of Lithic Resources in the Central Mesa Verde Region, Colorado, USA. *Geoarchaeology* 24:204-223.

Ayres, William C., Gordon G. Goles, and Felicia R. Beardsley

- 1997 Provenance Study of Lithic Materials in Micronesia. In *Prehistoric Long-Distance Interaction in Oceania: An Interdisciplinary Approach*, edited by Marshall I. Weisler, pp. 53-67. New Zealand Archaeological Association Monograph 21, Auckland, New Zealand.

Bakewell, Edward F.

- 1993 Shades of Gray: Lithic Variation in Pseudobasaltic Debitage. *Archaeology in Washington* 5:23-32.

- 1996 Petrographic and Geochemical Source-Modeling of Volcanic Lithics from Archaeological Contexts: A Case Study from British Camp, San Juan Island, Washington. *Geoarchaeology* 11:119-140.

- 2005 *Archaeopetrology of Vitrophyric Toolstones With Applications to Archaeology in the Pacific Northwest*. Unpublished Ph.D. Dissertation, Department of Anthropology, University of Washington, Pullman, Washington.

Bakewell, Edward F. and Anthony J. Irving

- 1994 Volcanic Lithic Classification in the Pacific Northwest: Petrographic and Geochemical Analyses of Northwest Chipped Stone Artifacts. *Northwest Anthropological Research Notes* 28:29-37.

NORTHWEST RESEARCH OBSIDIAN STUDIES LABORATORY ■ WWW.OBSIDIANLAB.COM

- Bayman, James M. and Jadelyn J. Moniz Nakamura
2001 Craft Specialization and Adze Production on Hawai'i Island. *Journal of Field Archaeology* 28:239-252.
- Bayman, James M., Jadelyn J. Moniz Nakamura, Timothy M. Rieth, and C. Kanani Paraso
2004 Stone Adze Production and Resource Extraction at Pohakuloa, Hawai'i Island. *Hawaiian Archaeology* 9:83-104.
- Best, Simon, Peter Sheppard, Roger Green, and Robin Parker
1992 Necromancing the Stone: Archaeologists and Adzes in Samoa. *Journal of the Polynesian Society* 101:45-85.
- Bloomer, William W. and Jeffrey T. Hall
1998 *Final Report: A Technological Overview of the Oakland Pond Basalt Quarry: Surface Investigations*. Report prepared for the Tahoe National Forest, Nevada City, California, by Garcia and Associates, Santa Cruz, California.
- Bostwick, Todd W. and James H. Burton
1993 A Study in Sourcing Hohokam Basalt Ground Stone Implements. *Kiva* 58:357-372.
- Braun, D. R., J. W. K. Harris, and D. N. Maina
2009 Oldowan Raw Material Procurement and Use: Evidence from the Koobi Fora Formation. *Archaeometry* 51:26-42.
- Brophy, Kirsten R.
1986 *Tulauta and the Maupua Adze Quarry: The Lithic Manufacturing Center of Samoa*. Unpublished Master's Thesis, Department of Anthropology, Brown University, Providence, Rhode Island.
- Burnett, John L. and Charles W. Jennings
1962 *Geologic Map of California: Chico Sheet*. California Division of Mines and Geology, Sacramento, California, scale 1:250,000.
- Capedri, Silvio and Ricardo Grandi
2002 Trachytes Used for Paving Roman Roads in the Po Plain: Characterization by Petrographic and Chemical Parameters and Provenance of Flagstones. *Journal of Archaeological Science* 30:491-509.
- Clark, Jeffrey T., Elizabeth Wright, and David Herdrich
1997 Interactions Within and Beyond the Samoan Archipelago: Evidence from Basaltic Rock Geochemistry. In *Prehistoric Long-Distance Interaction in Oceania: An Interdisciplinary Approach*, edited by Marshall I. Weisler, pp. 68-84. New Zealand Archaeological Association Monograph 21, Auckland, New Zealand.
- Cleghorn, Paul.
1982 *The Mauna Kea Adze Quarry: Technological Analyses and Experimental Tests*. Unpublished Ph.D. Dissertation, University of Hawaii, Honolulu, Hawaii.

1986 Organizational Structure at the Mauna Kea Adze Quarry Complex, Hawaii. *Journal of Archaeological Science* 13:375-387.
- Cleghorn, Paul, T. Dye, M. Weisler, and J. Sinton
1985 A Preliminary Petrographic Study of Hawaiian Stone Adze Quarries. *Journal of the Polynesian Society* 94:235-251.
- Collerson, Kenneth. D. and Marshall I. Weisler
2007 Stone Adze Compositions and the Extent of Ancient Polynesian Voyaging and Trade. *Science* 317:1907-1911.
- Day, Donna
2002 Basalt Distribution Findings on the Tahoe National Forest. *Society for California Archaeology Newsletter* 36(3):39-42.
- Drüppel, A. Kratzig, and G. Franz
2011 Aramaic Basalt Statues from Tell Halaf, Syria: Locating the Ancient Quarries. *Archaeometry* 53:441-468.

Edwards, Stephen W.

- 2000 Flaked Stone Basalt Technology in the Northern Sierra Nevada of California. *Journal of California and Great Basin Anthropology* 22:361-374.

Enright, John

- 2001 The Adze Quarries of Tutuila. *Cultural Resource Management* 24(1):13-14.

Gluhak, Tatjana Mirjam and Wolfgang Hofmeister

- 2009 Roman Lava Quarries in the Eifel Region (Germany): Geochemical Data for Millstone Provenance Studies. *Journal of Archaeological Science* 36:1774-1782.

- 2011 Geochemical Provenance Analyses of Roma Lava Millstones North of the Alps: A Study of their Distribution and Implications for the Beginning of Roman Lava Quarrying in the Eifel Region (Germany).. *Journal of Archaeological Science* 38:1603-1620.

Goren-Inbar, N., I. Perlman, and A. Heimann

- 1986 Chemical Mapping of Basalt Flows at Paleolithic Sites. *Archaeometry* 28:89-99.

Greenough, John D., M. P. Gorton, and Leanne M. Mallory-Greenough

- 2001 The Major- and Trace-Element Whole-Rock Fingerprints of Egyptian Basalts and the Provenance of Egyptian Artifacts. *Geoarchaeology* 16:763-784.

Greenough, John D., Leanne M. Mallory-Greenough, and James Baker

- 2004 Orthopyroxene, Augite, and Plagioclase Compositions in Dacite: Application to Bedrock Sourcing of Lithic Artefacts in Southern British Columbia. *Canadian Journal of Earth Sciences* 41:711-723.

Harper, Veronica, Hector Neff, and Carl Lipo

- 2007 Basalt Artifact Sourcing on Easter Island. *Journal of Evolutionary and Historical Sciences* 1:2.

- 2008 Elemental Characterization of Basalt Sources and Artifacts on Easter Island. *Society for Archaeological Sciences Bulletin* 31:10-14.

Hauer, Craig

- 2005 *An Examination of Shifts in Archaic Mobility Patterns in the Central Great Basin*. Unpublished Master's Thesis, Department of Anthropology, California State University, Chico, California.

Hermes, O. Don and D. Ritchie

- 1997 Nondestructive Trace Element Analysis of Archaeological Felsites by Energy-Dispersive X-Ray Fluorescence Spectroscopy. *Geoarchaeology* 12:31-40.

Higashimura, T., T. Warashina, and Y. Kamaki

- 1981 Provenances of Sanukite Implements in Western Japan. In *Archaeological Studies of Pacific Stone Resources*, edited by F. Leach and J. Davidson, pp. 121-130. BAR International Series 104, Oxford, England.

Ishimura, Tomo and David J. Addison

- 2007 Ateliers of Basalt. Basalt Industries of Tafuna (AS-31-150) and Pava'ia'i (AS-31-170), Tutuila Island, American Samoa. *Archaeology in Oceania* 42:33-40.

Jackson, Robert J., Thomas L. Jackson, Charles Miksicek, Kristina Roper, and Dwight Simons

- 1994 *Framework for Archaeological Research and Management: National Forests of the North-Central Sierra Nevada, Unit III: Special Studies and Research Data*. Report prepared for the Eldorado National Forest, California, by BioSystems Analysis, Inc., Santa Cruz, California.

James, W. D., M. R. Raulerson, and P. R. Johnson

- 2007 Archaeometry at Texas A&M University: Characterization of Samoan Basalts. *Archaeometry* 49:395-402.

Johnson, Phillip R

- 2005 *Instrumental Neutron Activation Analysis (INAA) Characterization of Pre-Contact Basalt Quarries on the American Samoan Island of Tutuila*. Unpublished Master's Thesis, Department of Anthropology, Texas A&M University, College Station, Texas.
- 2010 Elemental Analysis of Fine-Grained Basalt Sources from the Samoan Island of Tutuila: Applications of Energy-Dispersive X-Ray Fluorescence (EDXRF) and Instrumental Neutron Activation Analysis (INAA) Toward an Intra-Island Provenance Study. In *X-Ray Fluorescence Spectrometry (XRF) in Geoarchaeology*, edited by M. Steven Shackley, pp. 143-160. Springer, New York, New York.

Johnson, Phillip R., Frederic B. Pearl, Suzanne L. Eckert, and William D. James

- 2007 INAA of Pre-Contact Basalt Quarries on the Samoan Island of Tutuila: A Preliminary Baseline for an Artifact-Centered Provenance Study. *Journal of Archaeological Science* 34:1078-1086.

Jones, George T., David G. Bailey, and Charlotte Beck

- 1997 Source Provenance of Andesite Artifacts Using Non-Destructive Analysis. *Journal of Archaeological Science* 24:929-943.

Kahn, Jennifer, Peter Mills, Steve Lundblad, John Holson, and Patrick V. Kirch

- 2009 Tool Production at the Nu'u Quarry, Maui, Hawaiian Islands: Manufacturing Sequences and Energy-Dispersive X-Ray Fluorescence Analyses. *New Zealand Journal of Archaeology* 30:135-165.

Kasztovzky, Zs., K. T. Biro, A. Marko, and V. Dobosi

- 2008 Cold Neutron Prompt Gamma Activation Analysis - A Non-Destructive Method for Characterization of High Silica Content Chipped Stone Tools and Raw Materials. *Archaeometry* 50:12-29.

Kirch, Patrick V.

- 1985 *Feathered Gods and Fishhooks: An Introduction to Hawaiian Archaeology and Prehistory*. University of Hawaii Press, Honolulu, Hawaii.

Lancaster, L.C., G. Sottili, F. Marra, and G. Ventura

- 2010 Provenancing of Lightweight Volcanic Stones Used in Ancient Roman Concrete Vaulting: Evidence from Turkey and Tunisia. *Archaeometry* 52:949-961.

Latham, Thomas, Paula A. Sutton, and Kenneth L. Verosub

- 1992 Non-Destructive XRF Characterization of Basaltic Artifacts from Truckee, California. *Geoarchaeology* 7:81-101.

Leach, Helen M. and Dan C. Witter

- 1987 Tataga-Matau "Rediscovered". *New Zealand Journal of Archaeology* 9:33-54.
- 1990 Further Investigations at the Tataga-Matau Site. *New Zealand Journal of Archaeology* 12:51-83.

Lebo, Susan A. and Kevin T. M. Johnson

- 2007 Geochemical Sourcing of Rock Specimens and Some Artifacts from Nihoa and Necker Islands, Hawai'i. *Journal of Archaeological Science* 34:858-871.

Lundblad, Steven P., Peter R. Mills, Arian Drake-Raue, and Scott Kekuwa Kikiloi

- 2010 Non-destructive EDXRF Analyses of Archaeological Basalts. In *X-Ray Fluorescence Spectrometry (XRF) in Geoarchaeology*, edited by M. Steven Shackley, pp. 65-80. Springer, New York, New York.

Lundblad, Steven P., Peter R. Mills, and K. Hon

- 2008 Analysing Archaeological Basalt Using Non-Destructive Energy-Dispersive X-ray Fluorescence (EDXRF): Effects of Post-Depositional Chemical Weathering and Sample Size on Analytical Precision. *Archaeometry* 50:1-11.

Lundblad, Steven P., Peter R. Mills, and Jacob Smith

- 2007 Geochemistry of the Mauna Kea Adze Quarry Complex and the Implications for Stone Tool Exchange in Hawai'i. *Geological Society of America Abstracts With Programs* 39(4):62.

Ma, Jinlong, R. Bolhar, M. I. Weisler, Yuexing Feng, and Jianxin Zhao

- 2011 Reproducibility of Elemental Analyses of Basaltic Stone Artefacts by Quadruple ICP-MS Using Different Sample Sizes and Digestion Methods, with Implications for Archaeological Research. *Archaeometry* 53:890-899.

Mallory-Greenough, Leanne M. and John D. Greenough

- 2004a Whole-Rock Trace-Element Analyses Applied to the Regional Sourcing of Ancient Basalt Vessels from Egypt and Jordan. *Canadian Journal of Earth Sciences* 41:699-709.

- 2004b Applications of Earth Science Techniques to Archaeological Problems - Introduction. *Canadian Journal of Earth Sciences* 41:655-657.

Mallory-Greenough, Leanne M., John D. Greenough, and J. Victor Owen

- 1999 The Stone Source of Predynastic Basalt Vessels: Mineralogical Evidence for Quarries in Northern Egypt. *Journal of Archaeological Science* 26:1261-1272.

Mallory-Greenough, Leanne M., John D. Greenough, and J. Victor Owen

- 2000 The Origin and Use of Basalt in Old Kingdom Funerary Temples. *Geoarchaeology* 15:315-330.

McCoy, Patrick C.

- 1977 The Mauna Kea Adze Quarry Project: A Summary of the 1975 Field Investigations. *Journal of the Polynesian Society* 86:223-244.

- 1990 Subsistence in a Non-Subsistence Environment: Factors of Production in a Hawaiian Alpine Desert Adze Quarry. In *Pacific Production Systems: Approaches to Economic Prehistory*, edited by D. E. Yen and J. M. M. Mummery, pp. 85-119. Occasional Papers in Prehistory No. 18, The Australian National University, Canberra, Australia.

McCoy, Patrick C. and Richard A. Gould

- 1977 Alpine Archaeology in Hawaii. *Archaeology* 30:234-243.

McGuire, Kelly, Sharon A. Waechter, D. Craig Young, and Daron Duke

- 2006 *Archaeological Investigations at the Alder Hill Prehistoric Basalt Quarry, Nevada County*. Report prepared for East West Partners, Truckee, California, by Far Western Anthropological Research Group, Davis, California.

Mills, Peter and Steven P. Lundblad

- 2006 *Preliminary Field Report: The Geochemistry of the Ko'oko'olau Complex, Mauna Kea Adze Quarry (50-10-23-4136) TMK:4-4-15:10*. Report prepared for the Hawai'i Natural Area Reserves System (NARS) Commission, Honolulu, Hawaii, by the University of Hawaii, Hilo, Hawaii.

Mills, Peter R., Steven P. Lundblad, Julie S. Field, Alan B. Carpenter, Windy K. McElroy, and Pua Rossi

- 2010 Geochemical Sourcing of Basalt Artifacts from Kaua'i, Hawaiian Islands. *Journal of Archaeological Science* 37: 3385-3393.

Mills, Peter R., Steven P. Lundblad, Ken Hon, Jadelyn J. Moniz Nakamura, Elizabeth L. Kahahane, Arian Drake-Raue, Tanya M. Souza, and Richard Wel

- 2011 Reappraising Craft Specialisation and Exchange in Pre-Contact Hawai'i through Non-Destructive Sourcing of Basalt Adze Debitage. *Journal of Pacific Archaeology* 2:79-92.

Mills, Peter R., Steven P. Lundblad, Jacob G. Smith, Patrick C. McCoy, and Sean P. Naleimaile

- 2008 Science and Sensitivity: Geochemical Characterization of the Mauna Kea Adze Quarry Complex, Hawai'i Island, Hawaii. *American Antiquity* 73:743-758.

Moore, Jamie

- 2009 The Ghost of Procurement Past and the Humbug Basalt: XRF Identification along with Spatial and Temporal Distribution in Portions of Butte, Lassen, Plumas, and Tehama Counties, Northern California. *Proceedings of the Society for California Archaeology* 21:103-108.

Newman, J. R. and R. L. Nielsen

- 1987 Initial Notes on the X-Ray Fluorescence Characterization of the Rhyodacite Sources of the Taos Plateau, New Mexico. *Archaeometry* 29:262-274.

Ogburn, Dennis E.

- 2004 Evidence for Long-Distance Transportation of Building Stones in the Inka Empire, from Cuzco, Peru to Saraguro, Ecuador. *Latin American Antiquity* 15:419-439.

Olson, Larry.

- 1983 Hawaiian Volcanic Glass Applied "Dating" and "Sourcing": Archaeological Context. In *Archaeological Investigations of the Mudlane - Waimea - Kawaihae Road Corridor, Island of Hawai'i*, edited by Jeffrey T. Clark and Patrick V. Kirch, pp. 325-340. Bernice P. Bishop Museum Department of Anthropology Report 83-1, Honolulu, Hawai'i.

Page, Dave

- 2008 *Fine-Grained Volcanic Toolstone Sources and Early Use in the Bonneville Basin of Western Utah and Eastern Nevada*. Unpublished Master's Thesis, Department of Anthropology, University of Nevada, Reno, Nevada.

Parker, Robin J. and Peter J. Sheppard

1997. Pacific Island Adze Geochemistry Studies at the University of Auckland. In *Prehistoric Long-Distance Interaction in Oceania: An Interdisciplinary Approach*, edited by Marshall I. Weisler, pp. 205-211. New Zealand Archaeological Association Monograph 21, Auckland, New Zealand.

Pecchioni, E., E. Cantisani, P. Pallecchi, F. Fratini, A. Buccianti, E. Pandeli, S. Rescic, and S. Conticelli

- 2007 Characterization of the Amphoae, Stone Ballast and Storage Materials of the Ships from the Archaeological Site of Pisa-San Rossore, Italy: Inferences on their Provenience and Possible Trading Routes. *Archaeometry* 49:1-22.

Rapp, George Robert and Christopher L. Hill

- 2006 *Geoarchaeology: The Earth-Science Approach to Archaeological Interpretation (Second Edition)*. Yale University Press.

Rieth, Timothy M. and Terry L. Hunt

- 2008 A Radiocarbon Chronology for Samoan Prehistory. *Journal of Archaeological Science* 35:1901-1927.

Roberts, Theodore M.

- 2008 *Footprints and "Fingerprints": A Northern Arizona Geochemical Study of Archaic Period Lithic Procurement and Mobility*. Unpublished Master's Thesis, Department of Anthropology, Northern Arizona University, Flagstaff, Arizona.

Rolett, Barry V.

- 1998 *Hananiai: Prehistoric Colonization and Cultural Change in the Marquesas Islands*. Yale University Publications in Anthropology No. 81, New Haven, Connecticut.

Rolett, Barry V., Eric Conte, Eric Pearthree, and John M. Sinton

- 1997 Marquesan Voyaging: Archaeometric Evidence for Inter-Island Contact. In *Prehistoric Long-Distance Interaction in Oceania: An Interdisciplinary Approach*, edited by Marshall I. Weisler, pp. 134-148. New Zealand Archaeological Association Monograph 21, Auckland, New Zealand.

Saucedo, G. J. and D. L. Wagner

- 1992 *Geologic Map of the Chico Quadrangle, Scale 1:250,000*. California Division of Mines and Geology Regional Geologic Map Series No. 7A, Sacramento, California.

Scharlotta, Ian

- 2010 Roundmass Microsampling Using Laser Ablation Time-of-Flight Inductively Coupled Plasma Mass Spectrometry (LA-TOF-ICP-MS): Potential for Rhyolite Provenance Research. *Journal of Archaeological Science* 37:1929-1941.

Seelenfreund, A., E. Fonseca, F. Llona, L. Lera, C. Sinclair, and C. Rees

- 2009 Geochemical Analysis of Vitreous Rocks Exploited During the Formative Period in the Atacama Region, Northern Chile. *Archaeometry* 51:1-25.

Shackley, M. Steven

- 2011 Sources of Archaeological Dacite in Northern New Mexico. *Journal of Archaeological Science* 38:1001-1007.

Sheppard, P. J., R. Walter, and R. Parker

- 1997 Basalt Sourcing and the Development of Cook Island Exchange Systems. In *Prehistoric Long-Distance Interaction in Oceania: An Interdisciplinary Approach*, edited by Marshall I. Weisler, pp. 173-193. New Zealand Archaeological Association Monograph 21.

Shiran, Habib Shahbazi and Hadi Shafall Moghadam

- 2008 Geochemical and Petrological Study of the Basaltic Rocks as Building Stones of the Sacred/Non-Sacred Sites (the Safavid Period) of the Ardebil Province, Iran. In *Proceedings of the International Symposia on Geoscience Resources and Environments of Asian Terranes*, November 24-26, Bangkok, Thailand.

Sinton, John M. and Yoshiko H. Sinoto

- 1997 A Geochemical Database for Polynesian Adze Studies. In *Prehistoric Long-Distance Interaction in Oceania: An Interdisciplinary Approach*, edited by Marshall I. Weisler, pp. 194-205. New Zealand Archaeological Association Monograph 21, Auckland, New Zealand.

Skinner, Craig E.

- 1998a *X-Ray Fluorescence Analysis of Artifact Basalt from The Sunridge Site (26-DO-439), Douglas County, Nevada.* Report 1998-63 prepared for Western Cultural Resource Management, Sparks, Nevada, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 1998b *X-Ray Fluorescence Analysis of Artifact Basalt from 11 Sites Associated With the Alturas Intertie 345kV Transmission Line Project, Lassen County, Oregon and Washoe County, Nevada.* Report 2008-75 prepared for Far Western Anthropological Research Associates, Davis, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 1998c *X-Ray Fluorescence Analysis of Artifact Basalt from the Galena Canyon Site (26-WA-6209), Washoe County, Nevada.* Northwest Research Obsidian Studies Laboratory Report 98-84, Corvallis, Oregon.
- 1999a *X-Ray Fluorescence Analysis of Artifact and Source Basalt from the Eastern Portion of the Pohakulo Training Area, Island of Hawaii.* Report 1999-09 prepared for Ogden Environmental and Energy Services by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 1999b *X-Ray Fluorescence Analysis of Artifact Obsidian and Basalt from Sixteen Wasco and Hood River Archaeological Sites, Mt. Hood National Forest, Oregon.* Report 1999-45 prepared for the Hood River Ranger District, Parkdale, Oregon, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 1999c *X-Ray Fluorescence Analysis of Artifact Basalt from the Frazier Falls Site (05-11-51-515), Plumas County, California.* Report 1999-50 prepared for Lassen National Forest, Susanville, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2000a *X-Ray Fluorescence Analysis of Basalt Manos from Palo Verde Ruin, Maricopa County, Arizona.* Report 2000-26 prepared for Northland Research, Inc., Tempe, Arizona, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.

NORTHWEST RESEARCH OBSIDIAN STUDIES LABORATORY ■ WWW.OBSIDIANLAB.COM

- 2000b *X-Ray Fluorescence Analysis of Groundstone Basalt from Grand Canal Ruin, Maricopa County, Arizona.* Report 2000-92 prepared for Northland Research, Inc., Tempe, Arizona, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2001a *X-Ray Fluorescence Analysis of Artifact Basalt from CA-PLU-130/H and CA-PLU-1541/H, Mohawk Valley, Plumas County, California.* Report 2001-03 prepared for Far Western Anthropological Research Group, Inc., Davis, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2001b *X-Ray Fluorescence Analysis of Artifacts Basalt from La Lomita Pequena (AZ U:9:66), Maricopa County, Arizona.* Report 2001-13 prepared for Northland Research, Inc., Tempe, Arizona, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2002a *X-Ray Fluorescence Analysis of Artifact Basalt from CA-PLU-131 and CA-PLU-421, Mohawk Valley, California.* Report 2002-04 prepared for Far Western Anthropological Research Group, Inc., Davis, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2002b *X-Ray Fluorescence Analysis of Artifact Basalt from the COMNAV MARIANAS Ordnance Annex, Guam, Mariana Islands.* Report 2002-12 prepared for Micronesian Archaeological Research Services, Guam, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2002c *X-Ray Fluorescence Analysis of Artifact and Source Basalt from Several Locales in the Lualualei Valley, Waianae District of Oahu, Hawaii.* Report 2001-68 prepared for AMEC Earth and Environmental, Inc., Honolulu, Hawaii, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2002d *X-Ray Fluorescence Analysis of Artifact Basalt from 26-WA-2686 and 26-WA-6797, Washoe County, Nevada.* Report 2002-65 prepared for Far Western Anthropological Research Group, Davis, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2003a *X-Ray Fluorescence Analysis of Artifact Basalt and Obsidian from 24-PO-308 and Site HRA-6, Powell County, Montana.* Report 2003-37 prepared for Historical Research Associates, Inc., Missoula, Montana, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2003b *X-Ray Fluorescence Analysis of Artifact Obsidian and Basalt from The Old Humboldt Site (26-PE-670), Pershing County, Nevada.* Report 2003-17 prepared for the University of Nevada, Reno, Nevada, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2004a *X-Ray Fluorescence Analysis of Artifact Basalt from CA-PLU-1485, Plumas County, California.* Report 2004-34 prepared for Far Western Anthropological Research Group, Inc., Davis, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2004b *X-Ray Fluorescence Analysis of Artifact Obsidian and Basalt from the Drift Fence Site (35-UM-169), Umatilla County, Oregon.* Report 2004-47 prepared for the Umatilla National Forest, Pendleton, Oregon, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2004c *X-Ray Fluorescence Analysis of Artifact Basalt from the Dad Youngs Spring Site (CA-PLA-689), Sierra Valley, Placer County, California.* Report 2004-107 prepared for Far Western Anthropological Research Group, Inc., Davis, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2004d *X-Ray Fluorescence Analysis of Artifact Basalt from CA-PLA-668, Placer County, California.* Report 2004-144 prepared for Pacific Legacy, Inc., Cameron Park, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2005a *X-Ray Fluorescence Analysis of Artifact Basalt from 26-WA-7522, Washoe County, Nevada.* Report 2005-77 prepared for Western Cultural Resource Management, Inc., Sparks, Nevada, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.

NORTHWEST RESEARCH OBSIDIAN STUDIES LABORATORY ■ WWW.OBSIDIANLAB.COM

- 2005b *X-Ray Fluorescence Analysis of Artifact Basalt from Sites FS-05-06-51-386, FS-05-06-51-501, and FS-05-06-51-932, Lassen National Forest, California.* Report 2005-99 prepared for URS Corporation, Chico, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2005c *X-Ray Fluorescence Analysis of Artifact Basalt from Several Sites in the Carman Valley Area, Tahoe National Forest, Plumas and Sierra Counties, California.* Report 2005-109 prepared for the Department of Anthropology, Chico, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2006a *X-Ray Fluorescence Analysis of Artifact Basalt and Vitric Tuff from 05-03-56-770, El Dorado County, California.* Report 2006-02 prepared for Pacific Legacy, Cameron Park, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2006b *X-Ray Fluorescence Analysis of Artifact and Source Basalt from CA-BUT-2621 (05-06-51-593) and the Jonesville Basalt Quarry, Butte County, California.* Report 2006-53 prepared for Lassen National Forest, Chester, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2006c *X-Ray Fluorescence Analysis of Artifact Basalt from CA-NEV-9, Nevada County, California.* Report 2006-126 prepared for Far Western Anthropological Research Group, Inc., Davis, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2007 *X-Ray Fluorescence Analysis of Fine-Grained Volcanic Artifacts from CA-NEV-569/H and a Nearby Isolate, Nevada County, California.* Report 2007-81 prepared for Far Western Anthropological Research Group, Inc., Davis, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2008 *X-Ray Fluorescence Analysis of Obsidian and Fine-Grained Volcanic Artifacts from CA-PLU-314, CA-PLU-1248, and CA-PLU-3045, Plumas County, California.* Report 2008-08 prepared for Archaeometrics, Woodland, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- Skinner, Craig E. and M. Kathleen Davis
- 1995 *X-Ray Fluorescence of Artifact Basalt from CA-PLA-394 and CA-PLA-395, Tahoe National Forest, California.* Report 1995-69 prepared for Tom Origer & Associates, Cotati, California, by BioSystems Analysis, Inc., Corvallis, Oregon.
- 1996a *X-Ray Fluorescence of Artifact Basalt from the Tahoe and Eldorado National Forests, California: The Oakland Pond Quarry Project.* Report 1995-41 prepared for the Tahoe National Forest, Nevada City, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 1996b *X-Ray Fluorescence of Artifact Obsidian and Basalt from Several Sites in the Eldorado National Forest, California.* Report 1996-03 prepared by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 1996c *X-Ray Fluorescence Analysis of Artifact Basalt from the Wormmill and Sagehen Analysis Areas, Tahoe National Forest, California.* Report 1996-35 prepared for the Tahoe National Forest, Nevada City, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 1997a *X-Ray Fluorescence Analysis of Artifact Basalt from Eighteen Sites Associated with the Watson Creek Quarry Project, California and Nevada.* Report 1996-44 Prepared for Far Western Anthropological Research Group, Davis, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 1997b *X-Ray Fluorescence Analysis of Artifact Basalt from CA-Pla-695/H, Placer County, California.* Report 1997-11 prepared for Archaeological/Historical Consultants, Oakland, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 1997c *X-Ray Fluorescence Analysis of Artifact Basalt from Several Sites in the Tahoe National Forest, California.* Report 1997-43 prepared for the Truckee Ranger District, Tahoe National Forest, Truckee, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.

NORTHWEST RESEARCH OBSIDIAN STUDIES LABORATORY ■ WWW.OBSIDIANLAB.COM

- 1997d *X-Ray Fluorescence Analysis of Artifact Obsidian and Basalt Associated with LTMBU Various Projects - 1997, Lake Tahoe Basin Management Unit, California.* Report 2007-56 prepared for the Lake Tahoe Basin Management Unit, South Lake Tahoe, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 1997e *X-Ray Fluorescence Analysis of Artifact Obsidian and Basalt from 05-17-57-255 and 05-17-57-256, Tahoe National Forest, California.* Report 1997-57 prepared for the Truckee Ranger District, Tahoe National Forest, Truckee, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 1998a *X-Ray Fluorescence Analysis of Artifact Basalt from CA-PLA-5 and CA-PLA-6, Placer County, California.* Report 1998-17 prepared for Summit Envirosolutions, Inc., Reno, Nevada, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 1998b *X-Ray Fluorescence Analysis of Geologic Samples from the North Dry Valley Basalt Source Locale, Washoe County, Nevada.* Report 1998-18 prepared for GeoOpt Research, Reno, Nevada, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 1998c *X-Ray Fluorescence Analysis of Artifact Basalt from CA-Pla-728/H, Placer County, California.* Report 1998-47 prepared for Archaeological/Historical Consultants, Oakland, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- Skinner, Craig E., M. Kathleen Davis, and Tad E. Allred
- 1995a *X-Ray Fluorescence of Artifact Obsidian, Basalt, and Vitric Tuff from 05-03-55-90, 05-03-55-415, and 05-03-55-421, Eldorado National Forest California.* Report 1995-22 prepared for Eldorado National Forest, Placerville, California, by BioSystems Analysis, Inc., Santa Cruz, California.
- 1995b *X-Ray Fluorescence of Artifact Obsidian and Basalt from Site MTHP-1, Tahoe National Forest, Placer County, California.* Report 1995-69 prepared for Tom Origer & Associates, Cotati, California, by BioSystems Analysis, Inc., Corvallis, Oregon.
- Skinner, Craig E., M. Kathleen Davis, and Thomas M. Origer
- 1995 *X-Ray Fluorescence Analysis and Obsidian Hydration Rim Measurements of Artifact Obsidian and Basalt from the Cottonwood Fire Mitigation Project, Tahoe National Forest, California.* Report 1995-58 prepared for the Tahoe National Forest, Nevada City, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- Skinner, Craig E., M. Kathleen Davis, and Jennifer J. Thatcher
- 1996 *X-Ray Fluorescence of Artifact Obsidian and Basalt from Several Sites in the Tahoe National Forest, California.* Report 1996-07 prepared for the Tahoe National Forest, Nevada City, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 1997 *X-Ray Fluorescence Analysis and Obsidian Hydration Measurement of Artifacts Obsidian, Basalt, and Vitric Tuff from the Sly Park Site (CA-Eld-263), El Dorado County, California.* Report 1997-40 prepared for California State University, Sacramento, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 1998a. *X-Ray Fluorescence Analysis and Obsidian Hydration Rim Measurement of Artifact Obsidian and Basalt from Several Sites in the Lake Tahoe Region, California.* Report 1998-07 prepared for Susan Lindstrom, Truckee, California, by Northwest Research Obsidian Studies Laboratory Report 98-65, Corvallis, Oregon.
- 1998b *X-Ray Fluorescence Analysis and Obsidian Hydration Rim Measurement of Artifact Obsidian and Basalt from Several Sites in the Eldorado National Forest, California.* Report 1998-10 prepared by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 1998c *X-Ray Fluorescence Analysis and Obsidian Hydration Rim Measurement of Artifact Obsidian and Basalt from 26-WA-3009, 26-WA-6332, and 26-WA-6348, Washoe County, Nevada.* Report 1998-19 prepared for TRC Mariah Associates, Inc., Laramie, Wyoming, by Northwest Research Obsidian Studies Laboratory Report, Corvallis, Oregon.
- 1998d *X-Ray Fluorescence Analysis and Obsidian Hydration Rim Measurement of Artifact Obsidian and Basalt from 26-WA-6371, Washoe County, Nevada.* Report 1998-65 prepared for Susan Lindstrom, Truckee, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.

NORTHWEST RESEARCH OBSIDIAN STUDIES LABORATORY ■ WWW.OBSIDIANLAB.COM

Skinner, Craig E. and Jennifer J. Thatcher

- 1998 *X-Ray Fluorescence Analysis and Obsidian Hydration Rim Measurement of Artifact Obsidian and Basalt from Site 05-11-55-48, Plumas National Forest, California.* Report 2000-25 prepared for California State University (Chico) Archaeological Research Program, Chico, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2000a *X-Ray Fluorescence and Obsidian Hydration Analysis of Artifact Obsidian and Basalt from Sites CA-PLA-163, CA-PLA-164, CA-PLA-165, S1, and S16, Squaw Valley, Placer County, California.* Report 2000-35 prepared for Susan Lindstrom, Truckee, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2000b *X-Ray Fluorescence Analysis of Artifact Obsidian and Basalt from CA-PLA-930, Placer County, California.* Report 2000-93 prepared for Pacific Legacy, Inc., Cameron Park, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2001a *X-Ray Fluorescence Analysis and Obsidian Hydration Measurement of Artifact Obsidian and Basalt from 27 Archaeological Sites Associated with the Bagley Valley Project, Alpine County, California.* Report 2001-07 prepared for Summit Envirosolutions, Inc., Carson City, Nevada, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2001b *X-Ray Fluorescence Analysis and Obsidian Hydration Measurement of Artifact Obsidian from CA-COL-158, CA-COL-245/H, CA-COL-246/H, and CA-COL-247, Colusa County, California.* Report prepared for the Archaeological Research Program, California State University, Chico, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2001c *X-Ray Fluorescence Analysis and Obsidian Hydration Measurement of Artifact Obsidian and Basalt from CA-PLA-718, Placer County, California.* Report 2001-73 prepared for Susan Lindstrom, Truckee, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2001d *X-Ray Fluorescence Analysis and Obsidian Hydration Measurement of Artifact Obsidian and Basalt from 05-03-51-438, 05-03-51-531, and CA-NEV-8, Alpine and Nevada Counties, California.* Report 2001-74 prepared for Susan Lindstrom, Truckee, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2002a *X-Ray Fluorescence Analysis and Obsidian Hydration Measurement of Artifact Obsidian and Basalt from 05-03-53-64, Placer County, California.* Report 2002-74 prepared for the Eldorado National Forest, Georgetown, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2002b *X-Ray Fluorescence Analysis and Obsidian Hydration Measurement of Artifact Obsidian and Basalt from 26-WA-168, Washoe County, Nevada.* Report 2002-87 prepared for Lithic Arts, Markleeville, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2002c *X-Ray Fluorescence Analysis and Obsidian Hydration Measurement of Artifact Obsidian and Basalt from CA-PLA-718/H, Placer County, California.* Report 2002-90 prepared for Susan Lindstrom, Truckee, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2003a *X-Ray Fluorescence Analysis and Obsidian Hydration Measurement of Artifact Obsidian and Basalt from 26-WA-5577, 26-WA-5725, and 26-WA-5726, Truckee Meadows, Washoe County, Nevada.* Report 2003-03 prepared for Kautz Environmental Consultants, Inc., Reno, Nevada, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2003b *X-Ray Fluorescence Analysis and Obsidian Hydration Measurement of Artifact Obsidian and Basalt from CA-YOL-69, Yolo County, California.* Report 2003-29 prepared for Holman & Associates, San Mateo, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2003c *X-Ray Fluorescence Analysis and Obsidian Hydration Measurement of Artifact Obsidian and Basalt from Eight Sites Located at Sugar Pine Point State Park, Placer and Eldorado Counties, California.* Report 2003-30 prepared for Pacific Legacy, Inc., Cameron Park, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.

NORTHWEST RESEARCH OBSIDIAN STUDIES LABORATORY ■ WWW.OBSIDIANLAB.COM

- 2003d *X-Ray Fluorescence Analysis and Obsidian Hydration Measurement of Artifact Obsidian and Basalt from Several Sites Along the South Fork of the American River, El Dorado County, California.* Report 2003-49 prepared for the Department of Parks and Recreation, Folsom, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2003e *X-Ray Fluorescence Analysis and Obsidian Hydration Measurement of Artifact Obsidian and Basalt from the Negro Cabin Area, Ochoco National Forest, Oregon.* Report 2003-75 prepared for the Ochoco National Forest, Prineville, Oregon, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2003f *X-Ray Fluorescence Analysis and Obsidian Hydration Measurement of Artifact Obsidian and Basalt from the Mustang Leach Field Site (CrNV-03-5766), Storey County, Nevada.* Report 2003-98 prepared for Kautz Environmental Consultants, Inc., Reno, Nevada, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2003g *X-Ray Fluorescence Analysis and Obsidian Hydration Measurement of Artifact Obsidian from the Long Canyon Site (05-03-53-04), Eldorado National Forest, California.* Report 2003-114 prepared for the Eldorado National Forest, Georgetown, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2003h *X-Ray Fluorescence Analysis and Obsidian Hydration Measurement of Artifact Obsidian and Basalt from 26-WA-2689 and 26-WA-3277, Washoe County, Nevada.* Report 2003-132 prepared for Kautz Environmental Consultants, Inc., Reno, Nevada, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2004a *X-Ray Fluorescence Analysis and Obsidian Hydration Measurement of Artifact Obsidian and Basalt from the City Hall Site, Sacramento County, California.* Report 2004-42 prepared for Tremaine and Associates, Inc., Dixon, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2004b *X-Ray Fluorescence Analysis and Obsidian Hydration Measurement of Artifact Obsidian and Basalt from Sites Associated with the Falcon Project Transmission Line, Eureka and White Pine Counties, Nevada.* Report 2004-74 prepared for Summit EnviroSolutions, Inc., Carson City, Nevada, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2004c *X-Ray Fluorescence Analysis of Source and Artifact Basalt from Six Prehistoric Quarry Sources and 50 Archaeological Sites and Isolates in Butte, Lassen, Plumas, and Tehama Counties, Lassen National Forest, California.* Report 2004-99 prepared for the Lassen National Forest, Chester, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2004d *X-Ray Fluorescence Analysis of Artifact Obsidian from 35-LA-657, 35-LA-1261, and 35-LA-1276, Lane County, Oregon.* Report 2004-110 prepared for Heritage Research Associates, Inc., Eugene, Oregon, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2004e *X-Ray Fluorescence Analysis and Obsidian Hydration Measurement of Artifact Obsidian from CA-LAS-54/897/898, CA-LAS-618, CA-LAS-899/H, CA-LAS-1374, CA-LAS-1377, CA-LAS-2151/H, and CA-LAS-2153/H, Lassen County, California.* Report 2004-117 prepared for Pacific Legacy, Inc., Cameron Park, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2005a *X-Ray Fluorescence Analysis and Obsidian Hydration Measurement of Artifact Obsidian and Basalt from Sites CA-NEV-21, CA-NEV-884, BS-2, BS-3, BS-5, BS-6, and BS-9, Gray's Crossing Project, Nevada County, California.* Report 2005-05 prepared for Pacific Legacy, Inc., Cameron Park, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2005b *X-Ray Fluorescence Analysis and Obsidian Hydration Measurement of Artifact Obsidian and Basalt from Several Sites Associated With the Elkhorn Fuels Reduction Project, Monitor Range, Nye County, Nevada.* Report 2005-41 prepared for the Toiyabe National Forest, Austin, Nevada, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.

NORTHWEST RESEARCH OBSIDIAN STUDIES LABORATORY ■ WWW.OBSIDIANLAB.COM

- 2005c *X-Ray Fluorescence Analysis and Obsidian Hydration Measurement of Artifact Obsidian from CA-BUT-362/H, Butte County, California.* Report 2005-48 prepared for the Archaeological Research Center, California State University, Sacramento, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2005d *X-Ray Fluorescence Analysis and Obsidian Hydration Measurement of Artifact and Source Obsidian and Basalt from Sites Associated With the Sierra Pacific Falcon Project, Eureka and White Pine Counties, Nevada.* Report 2005-125 prepared for Summit EnviroSolutions, Inc., Carson City, Nevada, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2005e *X-Ray Fluorescence Analysis and Obsidian Hydration Measurement of Artifact Obsidian and Basalt from CA-NEV-13/H, Nevada County, California.* Report 2005-131 prepared for Susan Lindstrom, Truckee, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2005f *X-Ray Fluorescence Analysis and Obsidian Hydration Measurement of Artifact Obsidian and Basalt from the Red Clover and McReynolds Creek Restoration Project Site 7, Plumas County, California.* Report 2005-145 prepared for McCombs Archaeology, Taylorsville, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2005g *X-Ray Fluorescence Analysis and Obsidian Hydration Measurement of Artifact Obsidian and Basalt from 35-DS-28, 35-DS-1725, 35-DS-1726, 35-DS-1728, 35-DS-1729, 35-DS-1730, 35-DS-1731, and 35-DS-1732, Sunriver Expansion Project, Deschutes County, Oregon.* Report 2005-151 prepared for the Oregon State Museum of Anthropology, Eugene, Oregon, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2006a *X-Ray Fluorescence Analysis and Obsidian Hydration Measurement of Artifact Obsidian and Basalt from CA-ELD-2152, CA-ELD-2158, and CA-ELD-2160, El Dorado County, California.* Report 2006-07 prepared for the Department of Parks and recreation, Tahoma, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2006b *X-Ray Fluorescence Analysis and Obsidian Hydration Measurement of Artifact Obsidian and Basalt from 05-19-621, El Dorado County, California.* Report 2006-08 prepared for Lithic Arts, Markleeville, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2006c *X-Ray Fluorescence Analysis and Obsidian Hydration Measurement of Artifact Obsidian and Basalt from Sites CA-NEV-21, CA-NEV-884, BS-2, BS-3, BS-5, BS-6, and BS-9, Gray's Crossing Project, Nevada County, California.* Report 2006-13 prepared for Pacific Legacy, Inc., Cameron Park, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2006d *X-Ray Fluorescence Analysis and Obsidian Hydration Measurement of Artifact Obsidian and Basalt from Several Sites Associated With the Tracy to Silver Lake Transmission Line Project, Washoe County, Nevada.* Report 2006-22 prepared for Far Western Anthropological Research Group, Inc., Davis, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2006e *X-Ray Fluorescence Analysis and Obsidian Hydration Measurement of Artifact Obsidian and Basalt from CA-THE-559, Tehama County, California.* Report 2006-23 prepared for the Lassen National Forest, Chester, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2006f *X-Ray Fluorescence Analysis and Obsidian Hydration Measurement of Artifact Obsidian and Basalt from 26-WA-2054, 26-WA-6651, and 26-WA-7478, Truckee Meadows, Washoe County, Nevada.* Report 2006-46 prepared for Kautz Environmental Consultants, Inc., Reno, Nevada, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2006g *X-Ray Fluorescence Analysis and Obsidian Hydration Measurement of Artifact Obsidian and Basalt from FS 05-06-51-937, Butte County, California.* Report 2006-54 prepared for the Lassen National Forest, Chester, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.

NORTHWEST RESEARCH OBSIDIAN STUDIES LABORATORY ■ WWW.OBSIDIANLAB.COM

- 2006h *X-Ray Fluorescence Analysis and Obsidian Hydration Measurement of Artifact Obsidian and Basalt from CA-NEV-13/H, Nevada County, California.* Report 2006-99 prepared for Furlong Archaeological Consultants, Yankee Hill, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2006i *X-Ray Fluorescence Analysis and Obsidian Hydration Measurement of Artifact Obsidian and Basalt from Six Sites Associated With the Sierra Pacific Power Company Valmy to Winnemucca 120 kV Transmission Line Project, Humboldt County, Nevada .* Report 2006-103 prepared for Summit Envirosolutions, Inc., Carson City, Nevada, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2006j *X-Ray Fluorescence Analysis and Obsidian Hydration Measurement of Artifact Obsidian and Basalt from Six Sites Associated With the Sierra Pacific Power Company Ft. Churchill to Buckeye 120 kV Transmission Line Project, Douglas and Lyon Counties, Nevada.* Report 2006-106 prepared for Summit Envirosolutions, Inc., Carson City, Nevada, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2006k *X-Ray Fluorescence Analysis of Artifact Basalt from CA-NEV-9, Nevada County, California.* Report 2006-129 prepared for Far Western Anthropological research Group, Davis, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon
- 2007a *X-Ray Fluorescence Analysis and Obsidian Hydration Measurement of Artifact Obsidian and Basalt from CA-NEV-13/H, Donner Memorial State Park, Nevada County, California.* Report 2007-09 prepared for Pacific Legacy, Cameron Park, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2007b *X-Ray Fluorescence Analysis and Obsidian Hydration Measurement of Artifact Obsidian and Basalt from 26-WA-8075, Washoe County, Nevada.* Report 2007-25 prepared for Summit Envirosolutions, Inc., Carson City, Nevada, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2007c *X-Ray Fluorescence Analysis of Fine-Grained Volcanic Toolstone from Several Sources and Sites in the Hat Creek Area, Southern British Columbia, Canada.* Report 2007-115 prepared for Golder Associates, Ltd., Burnaby, Canada, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2007d *X-Ray Fluorescence Analysis of Obsidian and Fine-Grained Volcanic Artifacts from CA-PLA-1863, Placer County, California.* Report 2007-116 prepared for Pacific Legacy, Inc., Cameron Park, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2008a *X-Ray Fluorescence Analysis of Obsidian and Fine-Grained Volcanic Artifacts from CA-PLU-314, CA-PLU-1248, and CA-PLU-3045, Plumas County, California.* Report 2008-08 prepared for Archaeometrics, Woodland, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2008b *X-Ray Fluorescence Analysis and Obsidian Hydration Measurement of Artifact Obsidian and Fine-Grained Volcanic Material from DiRq-5 and DiRq-21, British Columbia, Canada.* Report 2008-29 prepared for Brown & Oakes Archaeology, New Westminster, British Columbia, Canada, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2008c *X-Ray Fluorescence and Obsidian Hydration Analysis of Obsidian and Fine-Grained Volcanic Artifacts from CA-BUT-1225, Butte County, Lassen National Forest, California.* Report 2008-32 prepared for Applied Earthworks, Inc., Fresno, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2008d *X-Ray Fluorescence Analysis of a Fine-Grained Volcanic Artifact from CA-ELD-44, Eldorado County, California.* Report 2008-41 prepared for Far Western Anthropological Research Group, Davis, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2008e *X-Ray Fluorescence Analysis of Fine-Grained Volcanic Artifacts from 26-WA-3227, Washoe County, Nevada..* Report 2008-106 prepared for Far Western Anthropological Research Group, Davis, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.

NORTHWEST RESEARCH OBSIDIAN STUDIES LABORATORY ■ WWW.OBSIDIANLAB.COM

- 2008f *X-Ray Fluorescence Analysis of Obsidian and Fine-Grained Volcanic Artifacts from Two Sites in the Round Mountain Vicinity, Shasta County, California.* Report 2008-128 prepared for Far Western Anthropological Research Group, Davis, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2009a *X-Ray Fluorescence Analysis of Fine-Grained Volcanic Artifacts from FS-05-17-54-214 and FS-05-03-55-201, Placer County, California.* Report 2009-16 prepared for Pacific Legacy, Inc., Santa Cruz, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2009b *X-Ray Fluorescence Analysis of Obsidian and Fine-Grained Volcanic Artifacts from CA-ELD-2611/H, Sugar Pine State Park, El Dorado County, California.* Report 2009-17 prepared for the California Department of Parks and Recreation, Tahoma, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2009c *X-Ray Fluorescence Analysis of Obsidian and Fine-Grained Volcanic Artifacts from Three Sites in Eureka State Park, Plumas County, California.* Report 2009-18 prepared for the California Department of Parks and Recreation, Tahoma, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2009d *X-Ray Fluorescence Analysis of Obsidian and Fine-Grained Volcanic Artifacts from AR 03-04-06-786 and AR 03-04-06-1124, Yavapai County, Arizona.* Report 2009-30 prepared for SWCA Environmental Consultants, Inc., Flagstaff, Arizona, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2009e *X-Ray Fluorescence Analysis of Obsidian and Fine-Grained Volcanic Artifacts from China Lake, San Bernardino County, California.* Report 2009-38 prepared for the Archaeological Research Center, Department of Anthropology, California State University, Sacramento, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2009f *X-Ray Fluorescence Analysis of Artifact Obsidian and Fine-Grained Volcanic Artifacts from 17 Sites Associated with the Transwestern Pipeline Testing and Data Recovery Project, Yavapai and Maricopa Counties, Arizona.* Report 2009-47 prepared for Logan Simpson Design, Inc., Tempe, Arizona, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2009g *X-Ray Fluorescence and Obsidian Hydration Analysis of Obsidian and Fine-Grained Volcanic Artifacts from 26-WA-8451, Washoe County, Nevada.* Report 2009-54 prepared for Far Western Anthropological Research Group, Davis, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2009h *X-Ray Fluorescence and Obsidian Hydration Analysis of Obsidian and Fine-Grained Volcanic Artifacts from 26-WP-6320, White Pine County, Nevada.* Report 2009-67 prepared for Kautz Environmental Consultants, Inc., Reno, Nevada, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2009i *X-Ray Fluorescence Analysis of Fine-Grained Volcanic Artifacts from 26-WP-6320, White Pine County, Nevada.* Report 2009-74 prepared for Kautz Environmental Consultants, Inc., Reno, Nevada, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2010a *X-Ray Fluorescence Analysis and Obsidian Hydration Measurement of Obsidian and Fine-Grained Volcanic Artifacts from 26-WP-4750, White Pine County, Nevada.* Report 2010-05 prepared for Kautz Environmental Consultants, Inc., Reno, Nevada, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2010b *X-Ray Fluorescence Analysis and Obsidian Hydration Measurement of Obsidian and Fine-Grained Volcanic Artifacts from the Guano Slough Survey, Harney County, Oregon.* Report 2010-22 prepared for the Museum of Natural and Cultural History, University of Oregon, Eugene, Oregon, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2010c *X-Ray Fluorescence Analysis of Fine-Grained Volcanic Artifacts from CA-SAC-15/H, Sacramento County, California.* Report 2010-47 prepared for AECOM, Sacramento, California, Oregon, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.

NORTHWEST RESEARCH OBSIDIAN STUDIES LABORATORY ■ WWW.OBSIDIANLAB.COM

- 2010d *X-Ray Fluorescence Analysis of Fine-Grained Volcanic Artifacts from CA-BUT-362/H, Butte County, California.* Report 2010-62 prepared for the Department of Anthropology, California State University, Sacramento, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2010e *X-Ray Fluorescence and Obsidian Hydration Analysis of Obsidian and Fine-Grained Volcanic Artifacts from 31 Sites Associated With the Cortez Hills Expansion Project, Lander and Eureka Counties, Nevada.* Report 2010-105 prepared for Summit Envirosolutions, Inc., Reno, Nevada, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2010f *X-Ray Fluorescence Analysis and Obsidian Hydration Measurement of Obsidian and Fine-Grained Volcanic Artifacts from 26-WP-4754, White Pine County, Nevada.* Report 2010-107 prepared for Kautz Environmental Consultants, Inc., Reno, Nevada, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2010g *X-Ray Fluorescence Analysis and Obsidian Hydration Measurement of Obsidian and Fine-Grained Volcanic Artifacts from 26-WP-2870, White Pine County, Nevada.* Report 2010-111 prepared for Kautz Environmental Consultants, Inc., Reno, Nevada, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2010h *X-Ray Fluorescence Analysis and Obsidian Hydration Measurement of Obsidian and Fine-Grained Volcanic Artifacts from CA-PLU-2425, Plumas County, California.* Report 2010-147 prepared for ERO Resources Corporation, Durango, Colorado, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2010i *X-Ray Fluorescence Analysis and Obsidian Hydration Measurement of Obsidian and Fine-Grained Volcanic Artifacts from 45-LE-499, Lewis County, Washington.* Report 2010-173 prepared for Archaeological Investigations Northwest, Inc., Portland, Oregon, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2011a *X-Ray Fluorescence Analysis of a Fine-Grained Volcanic Artifact from Site NLIP-45, Sacramento County, California.* Report 2011-02 prepared for AECOM, Sacramento, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2011b *X-Ray Fluorescence Analysis of Obsidian and Fine-Grained Volcanic Artifacts from Site LPQ2, Ludwig Pit Project, Deschutes County, Oregon.* Report 2010-09 prepared for the Oregon Department of Transportation, Salem, Oregon, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2011c *X-Ray Fluorescence Analysis and Obsidian Hydration Measurement of Obsidian and Fine-Grained Volcanic Artifacts from the Elliot Ranch Site (5175400118), Placer County, California.* Report 2011-21 prepared for the American River Ranger District, U. S. Forest Service, Foresthill, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2011d *X-Ray Fluorescence Analysis of Fine-Grained Volcanic Artifacts from CA-NEV-182/H, Nevada County, California.* Report 2011-39 prepared for the Tahoe National Forest, Sierraville, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2011e *X-Ray Fluorescence and Obsidian Hydration Analysis of Artifact Obsidian and Fine-Grained Volcanic Material from the Paiute Meadows Data Recovery Project (Paiute Meadows), Humboldt County, Nevada.* Report 2011-49 prepared for MACTETC, Inc., Reno, Nevada, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2011f *X-Ray Fluorescence Analysis of Obsidian and Fine-Grained Volcanic from AZ Q:01:103 (ASM), Petrified Forest National Park, Apache County, Arizona.* Report 2011-62 prepared for Northern Arizona University Anthropology Laboratories, Flagstaff, Arizona, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2011g *X-Ray Fluorescence and Obsidian Hydration Analysis of Obsidian and Fine-Grained Volcanic Artifacts from Nine Sites Associated with the Crescent Dunes Project, Nye County, Nevada.* Report 2011-72 prepared for Kautz Environmental Consultants, Inc., Reno, Nevada, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.

NORTHWEST RESEARCH OBSIDIAN STUDIES LABORATORY ■ WWW.OBSIDIANLAB.COM

- 2011h *X-Ray Fluorescence and Obsidian Hydration Analysis of Obsidian and Fine-Grained Volcanic Artifacts from CA-PLU-3832, Plumas County, California.* Report 2011-81 prepared for McCombs Archaeology, Taylorsville, California, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2011i *X-Ray Fluorescence and Obsidian Hydration Analysis of Obsidian and Fine-Grained Volcanic Artifacts from 35-MA-289 and 35-PO-100, Marion and Polk Counties, Oregon.* Report 2011-91 prepared for ICF International, Portland, Oregon, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- 2012 *X-Ray Fluorescence Analysis and Obsidian Hydration Measurement of Obsidian and Fine-Grained Volcanic Artifacts from 26-WP-4771, White Pine County, Nevada.* Report 2012-10 prepared for Kautz Environmental Consultants, Inc., Reno, Nevada, by Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
- Smith, Nicole F.
1997 *A Geochemical Approach to Understanding Raw Material Use and Stone Tool Production at the Richardson Island Archaeological Site, Haida Gwaii, British Columbia.* Unpublished Master's Thesis, Department of Anthropology, University of Victoria, Victoria, British Columbia, Canada.
- Taylor, Edward M.
1968 *Roadside Geology: Santiam and McKenzie Pass Highways, Oregon.* In *Andesite Conference Guidebook*, edited by H. Dole, pp. 3–33. Oregon Department of Geology and Mineral Industries Bulletin 62, Portland, Oregon.
- 1981 *Roadlog for Central Oregon Geology - Bend, Sisters, McKenzie Pass and Santiam Pass, Oregon.* In *Guides to Some Volcanic Terranes in Washington, Idaho, Oregon, and Northern California*, edited by David Johnston and Julie Donnelly-Nolan, pp. 59-83. U. S. Geological Survey Circular 838.
- Tuohy, Donald R.
1970 *The Coleman Locality: A Basalt Quarry and Workshop Near Falcon Hill, Nevada.* In *Five Papers on the Archaeology of the Desert West*, edited by Donald Tuohy, Doris Rendall, and Pamela Crowell, pp. 144-205. Nevada State Museum Anthropological Papers, Number 15.
- Tripati, Sila, Abhay Mudholkar, K. H. Vora, B. Ramelingeswara Rao, and A. S. Gaur. and Sundaresh
2010 *Geochemical and Mineralogical Analysis of Stone Anchors from West Coast of India: Provenance Study Using Thin Sections, XRF and SEM-EDS.* *Journal of Archaeological Science* 37:1999-2009.
- Volterra, V. and R. G. V. Hancock
1994 *Provenancing of Ancient Roman Millstones.* *Journal of Radioanalytical and Nuclear Chemistry* 180:37-44.
- Waechter, Sharon A.
2002 *On the Cutting Edge: Basalt Toolstone Sourcing and Distribution in Northeastern California and Northwestern Nevada.* In *Boundary Lands: Archaeological Investigations Along the California-Great Basin Interface*, edited by Kelly R. McGuire, pp. 105–117. Nevada State Museum Anthropological Papers No. 24, Carson City, Nevada.
- Walter, Richard K.
1998 *Basalt Sourcing.* In *Anai'o: The Archaeology of a Fourteenth Century Polynesian Community in the Southern Cook Islands*, pp. 56-63. New Zealand Archaeological Association Monograph No. 22, Department of Anthropology, University of Otago, Otago, New Zealand.
- Watts, Brandon G., Marvin E. Bennett III, Otto C. Kopp, and Gerald L. Mattingly
2004 *Geochemistry and Petrography of Basalt Grindstones from the Karak Plateau, Central Jordan.* *Geoarchaeology* 47-69.
- Weide, Margaret L.
1975 *North Warner Subsistence Network: A Prehistoric Band Territory.* In *A Collection of Papers on Great Basin Archaeology*, edited by R. Elston and L. Sabini, pp. 62-79. Nevada Archaeological Survey Research Paper No. 15, University of Nevada: Reno, Nevada.

Weisler, Marshall I.

- 1990a Sources and Sourcing of Volcanic Glass in Hawai'i: Implications for Exchange Studies. *Archaeology in Oceania* 25:16-23.
- 1990b Technological, Petrographic, and Geochemical Analysis of the Kapohaku Adze Quarry, Lana'i, Hawai'ian Islands. *New Zealand Journal of Archaeology* 12:29-50.
- 1993a *Long-Distance Interaction in Prehistoric Polynesia: Three Case Studies*. Unpublished Ph.D. Dissertation, Department of Anthropology, University of California, Berkeley, California.
- 1993b Chemical Characterization and Provenance of Manu'a Adz Material Using a Non-Destructive X-Ray Fluorescence Technique. In *The To'aga Site: Three Millennia of Polynesian Occupation in the Manu'a Islands, American Samoa*, edited by P. V. Kirch and T. L. Hunt, pp. 167-187. Contributions of the University of California Archaeological Research Facility No. 51, Berkeley, California.
- 1994a Provenance Studies of Polynesian Basalt Adze Material: A Review and Suggestions for Improving Regional Databases. *Asian Perspectives* 32:61-83.
- 1994b The Mata'are Basalt Source: Implications for Prehistoric Interaction Studies in the Cook Islands. *Journal of the Polynesian Society* 103:203-216.
- 1995 Henderson Island Prehistory: Colonization and Extinction on a Remote Polynesian Island. *Biological Journal of the Linnean Society* 56:377-404.
- 1996 An Archaeological Survey of Mangareva: Implications for Regional Settlement Models and Interaction Studies. *Man and Culture in Oceania* 12:61-85.
- 1997 Prehistoric Long-Distance Interaction at the Margins of Oceania. In *Prehistoric Long-Distance Interaction in Oceania: An Interdisciplinary Approach*, edited by Marshall I. Weisler, pp. 149-172. New Zealand Archaeological Association Monograph 21, Auckland, New Zealand.
- 1998 Hard Evidence for Prehistoric Interaction in Polynesia. *Current Anthropology* 29:521-532.
- 2002 Centrality and the Collapse of Long-Distance Voyaging in East Polynesia. In *Geochemical Evidence for Long-Distance Exchange*, edited by Michael D. Glascock, pp. 257-273. Bergin & Garvey, Westport, Connecticut.
- 2004a A Stone Tool Basalt Source on 'Ata, Southern Tonga. *New Zealand Journal of Archaeology* 25:113-120.
- 2004b Contraction of the Southeast Polynesian Interaction Sphere and Resource Depression on Temo Atoll. *New Zealand Journal of Archaeology* 25.
- 2008 Sourcing Studies are Best Done in Collaboration with Geochemists. Comments on Athol Anderson's Traditionalist, Interaction, and Long-Distance Seafaring in Polynesia'. *Journal of Island and Coastal Archaeology* 3:265-267.

Weisler, Marshall I. and Patrick V. Kirch

- 1996 Interisland and Interarchipelago Transfer of Stone Tools in Prehistoric Polynesia. *Proceedings of the National Academy of Sciences, U. S. A.* 93:1381-1385.

Weisler, Marshall I. and John M. Sinton

- 1997 Towards Identifying Prehistoric Interaction Systems in Polynesia. In *Prehistoric Long-Distance Interaction in Oceania: An Interdisciplinary Approach*, edited by Marshall I. Weisler, pp.173-193. New Zealand Archaeological Association Monograph 21, Auckland, New Zealand.

Weisler, Marshall I. and Jon D. Woodhead

- 1995 Basalt Pb Isotope Analysis and the Prehistoric Settlement of Polynesia. *Proceedings of the National Academy of Sciences, U. S. A.* 92:1881-1885.

Williams, Scott

- 1989 *A Technological Analysis of the Debitage Assemblage from Ko'oko'olau Rockshelter No. 1, Mana Kea Adze Quarry, Hawai'i*. Unpublished Master's Thesis, Washington State University, Pullman, Washington.

Williams-Thorpe, Olwen

- 1988 Provenancing and Archaeology of Roman Millstones from the Mediterranean Area. *Journal of Archaeological Science* 15:253-305.

Williams-Thorpe, Olwen, Don Aldiss, Ian J. Rigby, and Richard S. Thorpe

- 1999a Geochemical Provenancing of Igneous Glacial Erratics from Southern Britain, and Implications for Prehistoric Stone Implement Distributions. *Geoarchaeology* 14:209-246.

Williams-Thorpe, Olwen, Philip J. Potts, and Peter C. Webb

- 1999b Field-Portable Non-Destructive Analysis of Lithic Archaeological Samples by X-Ray Fluorescence Instrumentation Using a Mercury Iodide Detector: Comparison with Wavelength-Dispersive XRF and a Case Study in British Stone Axe Provenancing. *Journal of Archaeological Science* 26:215-237.

Williams-Thorpe, Olwen and Richard S. Thorpe

- 1988 The Provenance of Donkey Mills from Roman Britain. *Archaeometry* 20:275-289.
- 1989 Provenancing and Archaeology of Roman Millstones from Sardinia (Italy). *Oxford Journal of Archaeology* 8:89-117.
- 1990 Millstone Provenancing Used in Tracing the Route of a Fourth-Century BC Greek Ship. *Archaeometry* 32:115-137.
- 1991a Millstones that Mapped the Mediterranean. *New Scientist* 129(1757):42-45.
- 1991b The Import of Roman Millstones to Roman Mallorca. *Journal of Roman Archaeology* 4:153-159.
- 1993 Geochemistry and Trade of Eastern Mediterranean Millstones from the Neolithic to Roman Periods. *Journal of Archaeological Science* 20:263-320.

Winterhoff, E. Quent

- 2003 *Ma'a'mai Malaaloa: A Geochemical Investigation of a Newly Discovered Basalt Quarry Source on Tutuila, American Samoa*. Unpublished Master's Thesis, Department of Anthropology, University of Oregon, Eugene, Oregon.
- 2005 Have Adze, Will Travel: Understanding Prehistoric Inter-Island Interaction by Examining Intra-Island Basalt Adze Source Variability. In *The Renaca Papers, Sixth International Conference on Easter Island and the Pacific*, edited by C. M. Stevenson, J. M. Ramirez Aliaga, F. J. Morin, and N. Barbacci, pp. 233-238. Easter Island Foundation, Los Osos, California.

Withrow, Barbara M.

- 1990 Prehistoric Distribution of Stone Adzes on Hawai'i Island: Implications for the Development of Hawaiian Chiefdoms. *Asian Perspectives* 29:235-250.

Wolfe, Edward W., William S. Wise, and G. Brent Dalrymple

- 1997 *The Geology and Petrology of Mauna Kea Volcano, Hawaii - A Study of Postshield Volcanism*. U. S. Geological Survey Professional Paper 1557.

Woodall, Gregory R.

- 2002 Dacite and Rhyodacite Sourcing Studies. In Archaeological Testing of AZ U:1:25 (ASM), The Brown's Ranch Rock Shelter Site, in Northern Scottsdale, Maricopa County, Arizona. *The Arizona Archaeologist* 33:133-144.

Woodhead, Jon D. and Marshall I. Weisler

- 1997 Accurate Sourcing of Basaltic Artefacts by Radiogenic Isotope Analysis. In *Prehistoric Long-Distance Interaction in Oceania: An Interdisciplinary Approach*, edited by Marshall I. Weisler, pp. 212-223. New Zealand Archaeological Association Monograph 21, Auckland, New Zealand.

Xenophontos, C., C. Elliot, and J. G. Malpas

1988 Major and Trace Element Geochemistry Used in Tracing the Provenance of Late Bronze Age and Roman Basalt Artefacts from Cyprus. *Levant* 20:169-183.

LAST UPDATED: FEBRUARY 3, 2012