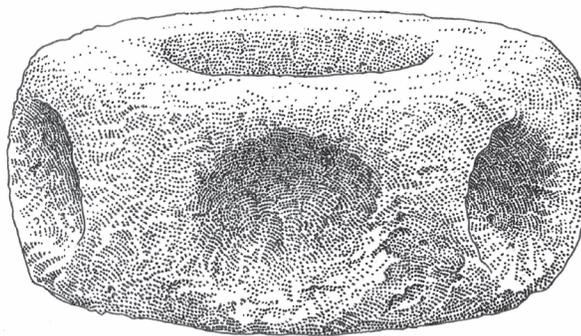


Pacific Coast Archaeological Society Quarterly

Volume 52, Number 4



Southern California Archaeology

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Pacific Coast Archaeological Society Quarterly

The *Pacific Coast Archaeological Society Quarterly* is a publication of the Pacific Coast Archaeological Society (PCAS), which was organized in 1961. PCAS is an avocational group originally founded to study and to preserve the anthropological and archaeological history of the original inhabitants of Orange County, California, and adjacent areas. The Publications Committee invites the submittal of original contributions dealing with regional history and prehistory. Although PCAS is especially interested in reports which shed further light on the early inhabitants of coastal southern California, it always welcomes reports on the wider Pacific Coast region.

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Cover: Cogged stone from CA-RIV-11802. Drawing by Joe Cramer.

About the Authors

Joe Cramer, MA and MFA, received his formal education in art at California State University, Fullerton, with a concentrated area of study in ceramic sculpture. He currently teaches ceramic art classes at Santa Ana College, Menifee Valley College, and Rio Hondo College. Since 1982, he has enjoyed working in his spare time as an illustrator of academic articles, books, and associated materials for southern California archaeologists and institutions.

Jill K. Gardner, Ph.D., received her doctorate in anthropology from the University of Nevada, Las Vegas. She is currently a departmental affiliate in the Department of Anthropology at Portland State University in Portland, Oregon. In addition, she is the managing editor for *California Archaeology* and editor for the *Society for California Archaeology Newsletter*. Dr. Gardner's main research areas are the Mojave Desert, the Great Basin, the southern Sierra Nevada, the San Joaquin Valley, the southern California coast, and inland southern California. She has also conducted research on Late Roman/Coptic mummies in Egypt and at a Neolithic site in southern Jordan. Dr. Gardner has published in the *Journal of California and Great Basin Anthropology*, *California Archaeology*, *Quaternary Science Reviews*, *Pacific Coast Archaeological Society Quarterly*, *Coptica*, *Proceedings of the Society for California Archaeology*, *Nevada State Museum Anthropological Papers*, *British Archaeological Reports*, *Coyote Press Archives of Great Basin Prehistory*, University of Arizona Press, and AltaMira Press.

Kenneth W. Gobalet has recently retired from over 30 years of university-level teaching. For the last 25 years he was a Professor of Biology at California State University, Bakersfield, teaching courses including introductory zoology, evolution, comparative anatomy, and human biology. Prior to working at California State University, Bakersfield, he was on the faculty at Loyola University, New Orleans, and the University of Montana, Missoula. His graduate and undergraduate coursework was taken at the University of California, Davis. Between his undergraduate and graduated studies, he was an American Peace Corps Volunteer in central India, working to enhance the production of a fish farm. For 35 years his primary research agenda has been the identification and interpretation of ancient fish remains recovered during the excavation of archaeological sites primarily within California. To complete this work, he amassed a fish skeletal collection numbering in the hundreds of specimens. He has not retired from the zooarchaeological work and prides himself on having commuted by bicycle to work for his entire career.

Galen Hunter studies and documents the natural history and archaeology of the waterfront area on the southwest coast of Santa Monica Bay from the bluffs of Malaga Cove to the Old Salt Lake. His interest is to salvage culture in part by leveraging the techniques he has learned in his seventeen-year career as a web developer. His formal education includes an AA from Santa Monica College and a BA in social science with an emphasis on history from the University of California, Santa Barbara.

Henry Koerper received a BA (1965) and an MA (1968) from UC Davis. He earned his Ph.D. in anthropology at UC Riverside in 1981. His varied employments have included: CDF firefighter; USFS fire suppression field and laboratory researcher; California Army National Guard explosives technician; archaeological field excavator (e.g., Old Sacramento Project, Prescott College Black Mesa Project); Peace Corps teacher and athletic coach (Voi Harambee High School, Kenya); college anthropology professor (Chapman College [5 years] and Cypress Community College [30 years]); and archaeological consultant to several southern California CRM firms. Semi-retirement allows Dr. Koerper time to help produce the *PCAS Quarterly*.

Roger D. Mason, Ph.D., RPA, has been a principal investigator and project manager for cultural resources management projects in southern California since 1983. Prior to coming to California, he carried out archaeological research in Mesoamerica and Missouri, and he received his Ph.D. from the University of Texas in 1980. He was Principal Investigator for the Newport Coast and San Joaquin Hills Transportation Corridor data recovery projects in coastal Orange County. He is Director Emeritus of Cultural Resources at ECORP Consulting.

Ivan Snyder, avocational archaeologist, volunteers as a naturalist at the Point Vicente Interpretive Center in Rancho Palos Verdes. He also serves as Chairman of Ethnobotany for the South Coast Chapter of the Native Plant Society. His areas of expertise in ethnobotany include food plants, fiber (e.g., cordage making), and firecraft (e.g., fire drill technology). He has gained insight into artifact manufacture and artifact function through his experimental archaeology.

Mark Q. Sutton, Ph.D., began his career in 1968, working at a site with the local community college while still in high school. He went on to earn a BA (1972), an MA (1977), and a Ph.D. (1987) in anthropology. He has worked for the US Air Force, the US Bureau of Land Management, and various private consulting firms, and he taught at a number of community colleges and universities. He taught at California State University, Bakersfield, from 1987 to 2007, where he retired as Emeritus Professor of Anthropology. He now works for Statistical Research, Inc., in San Diego and teaches at the University of San Diego. From 1986 to 2000, Dr. Sutton served as the Editor of the *Journal of California and Great Basin Anthropology*. Dr. Sutton has investigated hunter-gatherer adaptations to arid environments, entomophagy, prehistoric diet and technology, and the prehistory of California. Dr. Sutton has worked at more than 120 sites in western North America, has presented some 126 papers at professional meetings, and has published some 200 books, monographs, articles, and reviews on archaeology and anthropology, including the following textbooks: *Introduction to Native North America; A Prehistory of North America; Archaeology: Science of the Human Past; Introduction to Cultural Ecology; Paleonutrition; and Laboratory Methods in Archaeology*.

Ryan Tubbs has five years of experience with a variety of archaeological projects, primarily in the mountain and desert regions of inland southern California. His experience includes monitoring mass grading projects to mitigate damage to cultural resources, participating in surveys and excavation, and lithics analysis. He has a BA from the University of California, Riverside, and he is an Associate Archaeologist at ECORP Consulting.

Nancy Valente received an MA in anthropology from California State University, Chico. Her thesis was “Resource Intensification at the Patrick Site (CA-But-1).” While at Chico, she was the director of the faunal lab where both non-human and human remains were studied. She is currently self-employed as a faunal analyst in Mill Valley, California. Ms. Valente’s main research area focuses on vertebrate faunal remains from the San Francisco Bay Area, from both prehistoric and historic sites. Her project areas also include work in the northern Sacramento Valley, southern California, Baja California, and Alaska. She has extensive experience as an archaeological monitor and acted as the on-site lab director for one excavation season at Emeryville Shellmound. Ms. Valente also has worked in the Department of Mammology and Ornithology at the California Academy of Sciences.