

OLMEC SCULPTURE AND STONE WORKING: A BIBLIOGRAPHY

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Since 1869 a distinctive sculptural style in jade and other stone media, now known as Olmec, has been vaguely recognized. However, it was not until 1938 that Dr. Matthew W. Stirling, then Chief of the Bureau of American Ethnology of the Smithsonian Institution, began to excavate and bring to light substantial archaeological evidence of this culture. The history of the development of Olmec studies has been sketched by Drucker, Heizer and Squier (1959) and Jones (1963:1-2). While Olmec can properly be called a culture, it is important to note that it is primarily definable through its distinctive art style. The excavation of the site of La Venta (Drucker 1952; Drucker, Heizer and Squier 1959; Stirling 1940 *et seq.*) has provided us with excellent information regarding the architectural aspects of Olmec culture, but to date no adequate study has been made of the homely or prosaic pursuits of the people who built and maintained the great ceremonial centers of Tres Zapotes, San Lorenzo, and La Venta. Thus, while we can infer something about the techniques employed in working jade or sculpturing large stone monuments from an inspection of the pieces themselves, we are quite in the dark as to where such work was done or what instruments were employed in stone working.

In connection with the research which we have done in an attempt to discover the sources of the stones used by the Olmecs of the southeastern Mexican lowland, we believe it to be expedient to include here a reference bibliography of Olmec stone sculpture. No suggestion is made that the bibliography is a complete one, but the student interested in the subject can surely find a majority of known Olmec pieces illustrated and/or described in the references which are listed here.

* * * * *

Alcina, José

- 1954 Review of La Venta, Tabasco [1952], by P. Drucker. Revista de Indias. Consejo Superior de Investigaciones Central, Instituto Gonzalo Fernandez de Oviedo, Vol. 14:57:571. Madrid.

Armillas, Pedro

- 1964 Northern Mesoamerica. In Prehistoric Man in the New World, Jesse D. Jennings and Edward Norbeck, eds. University of Chicago Press.

Art of the Americas

1948 Art News Annual, Vol. 18:30. New York

Arte prehispanico de México1946 Instituto Nacional de Antropología e Historia, México.
Frontispiece and Pl. 55.**Balser, Carlos**

1959 Los "baby faces" Olmeca de Costa Rica. Actas del 33rd Congreso Internacional de Americanistas, San Jose, 1958, Vol. 2:280-285. San Jose, C.R.

1961 La influencia olmeca en algunos motivos de la arqueología de Costa Rica. Informe Semestral, Instituto Geográfico de Costa Rica, San Jose, pp. 63-78.

Bernal, Ignacio

1950 Compendio de arte mesoamericana. Enciclopedia mexicana de arte, Vol. 7. México.

1962 Bibliografía de arqueología y etnografía mesoamerica y norte de México, 1514-1960. Instituto Nacional de Antropología e Historia, Memorias, Vol. VII:115-119. México.

Bernal, Ignacio and Bernard Villaret

1962 Arts anciens du Mexique. Le Temps, Paris, pp. 69-75.

Beyer, Hermann1927 Review of Tribes and Temples, by F. F. Blom and O. La Farge. El México Antiguo, Vol. 2:305-313.**Blom, F. F. and O. LaFarge**

1926-27 Tribes and Temples. A record of the expedition to Middle America conducted by the Tulane University of Louisiana in 1925. 2 vols. New Orleans.

Boggs, Stanley H.

1950 "Olmec" Pictographs in the Las Victorias Group, Chalchuapa Archaeological Zone, El Salvador. Carnegie Institution of Washington, Notes on Middle American Archaeology and Ethnology, No. 99:85-92. Cambridge, Mass.

Cahill, Holger

1933 American Sources of Modern Art. New York Museum of Modern Art, Pls. 63 and 80. New York.

Chavero, Alfredo

1887 Historia antiguo y la conquista. México a través de los siglos, Vicente Riva Palacio, ed., Vol. 1:63-64. México.

Coe, Michael D.

- 1957 Cycle 7 Monuments in Middle America, a Reconsideration. American Anthropologist, Vol. 49:597-611.
- 1957 Pre-Classic Cultures in Mesoamerica, a Comparative Survey. Kroeber Anthropological Society Papers, No. 17:7-37. Berkeley.
- 1960 Review of Excavations at La Venta, Tabasco, 1955, by P. Drucker, R. F. Heizer and R. J. Squier. American Journal of Archaeology, Vol. 64:119-120.
- 1962 Mexico. Praeger, New York.
- 1963 Cultural Development in Southeastern Mesoamerica. In Aboriginal Cultural Development in Latin America: an Interpretive Review. Smithsonian Miscellaneous Collections, Vol. 146:27-44. Washington, D.C.
- n.d. The Olmec Style and Its Distribution. Handbook of Middle American Indians, University of Texas Press, Austin (in press)
- n.d. An Archaeological Synthesis of Southern Veracruz-Tabasco. Handbook of Middle American Indians. University of Texas Press, Austin (in press).

Coe, William R. and Robert Stuckenrath, Jr.

- 1964 Review of [Excavations at] La Venta, Tabasco, 1955, and its relevance to the Olmec problem. Kroeber Anthropological Society Papers, No. 31:1-44. (See Heizer 1964; longer answer by P. Drucker and R. F. Heizer now in manuscript, to be published.)

Corona, Gustavo

- 1962 El luchador olmeca. Boletín del Instituto Nacional de Antropología e Historia, No. 10:12-13. Mexico.

Covarrubias, Miguel

- 1944 La Venta, Colossal Heads and Jaguar Gods. Dyn, the Review of Modern Art, No. 6:24-33.
- 1946 El arte "Olmeca" o de La Venta. Cuadernos Americanos, Año V, Vol. 28:4:153-179. México.
- 1946 Mexico South, the Isthmus of Tehuantepec. Alfred Knopf, New York.
- 1946 Jade in Mexico. Asia and the Americas, Vol. 46:496-497.
- 1956 The Eagle, the Jaguar, and the Serpent. New York.
- 1957 Indian Art of Mexico and Central America. Alfred Knopf, New York.

- Curtis, G. H.
- >1959 The Petrology of Artifacts and Architectural Stone at La Venta. Bureau of American Ethnology, Bulletin 170, App. 4:284-289. Washington, D.C.
- D'Harcourt, Raoul
- 1962 Pre-Columbian Civilizations. Larousse Encyclopedia of Art, New York, p. 106 and Figure 151.
- Delgado, Agustín
- 1965 Infantile and Jaguar Traits in Olmec Sculpture. Archaeology, Vol. 18:55-62.
- Della Santa, Elizabeth
- 1959 Les Cupisniques et l'origine des Olmèques. Revue de l'Université de Bruxelles, n.s., 11ème année, pp. 340-363.
- Dockstader, Frederick J.
- 1961 Indian Art in Middle America. Graphic Society, Greenwich, p. 33 and Plates 26, 40, 43, 61, 78, 113.
- Drucker, Philip
- 1952 La Venta, Tabasco: a Study of Olmec Ceramics and Art. Bureau of American Ethnology, Bulletin 153. Washington, D.C.
- 1955 The Cerro de las Mesas Offering of Jade and Other Materials. Bureau of American Ethnology, Bulletin 157, Anthropological Papers No. 44. Washington, D.C.
- 1961 The La Venta Support Area. Kroeber Anthropological Society Papers, No. 25:59-72. Berkeley.
- Drucker, Philip and Eduardo Contreras
- 1953 Site Patterns in the Eastern Part of Olmec Territory. Journal of the Washington Academy of Sciences, Vol. 43:389-396.
- 1954 Sitios arqueológicos en la parte oriental del territorio olmeca. Tlatoani, Epoca 2, Nos. 8-9:36-41. (Transl. of 1953.) México.
- Drucker, Philip and Robert F. Heizer
- 1956 Gifts for the Jaguar God. National Geographic Magazine, Vol. 110:366-375. Washington, D.C.
- 1960 A Study of the Milpa System of La Venta Island and Its Archaeological Implication. Southwestern Journal of Anthropology, Vol. 16:36-45. Albuquerque.
- Drucker, Philip, Robert F. Heizer and Robert J. Squier
- 1957 Radiocarbon Dates from La Venta, Tabasco. Science, Vol. 126:72-73.

- 1957 Fechas de radiocarbon de La Venta, Tabasco. Boletín del Centro de Investigaciones Antropológicas de México, No. 4:31-33. (Transl. of Drucker, Heizer and Squier 1957.) México.
- 1959 Excavations at La Venta, Tabasco, 1955. Bureau of American Ethnology, Bulletin 170. Washington, D.C.
- Easby, Elizabeth K. and Dudley T. Easby
 1953 Apuntes sobre la técnica de tallar jade en Mesoamérica. Anales del Instituto de Arte Americano e Investigaciones Estéticas, No. 6:11-38. Universidad de Buenos Aires.
- Eisen, Gustav
 1888 On Some Ancient Sculptures from the Pacific Slope of Guatemala. Memoirs of the California Academy of Sciences, Vol. 2:9-20. San Francisco.
- Emmerich, A.
 1963 Art Before Columbus. Simon and Schuster, New York, pp. 50-69.
- Epic of Man
 1961 Life Magazine, New York, p. 216.
- Escultura en piedra negra, el Luchador y cabeza colosal
 1963 Turismo (julio), pp. 8, 9, 11. México.
- La exposición de arte mexicano en Roma.
 1963 Magazine de novedades (junio), México.
- Feuchtwanger, Franz
 1951 Olmecische Kunst, Neue archäologische Funde zu einer bisher unerforschten mittelamerikanischen Kultur. Atlantis, Vol. 23:265-271. Zurich.
- Found: America's Greatest Sculpture
 1948 Art News, Vol. 46:11:32-33. New York.
- Galindo y Villa, Jesús
 1922 Don Francisco del Paso y Troncoso: su vida y su obra. Anales del Museo Nacional de Arqueología, Historia y Etnografía, 4^e serie, Tomo I:304-379. México.
- García Payón, José
 1952 Totonacas y olmecas. Universidad Veracruzana, No. 4:27-52. Xalapa.
- 1963 Bibliografía arqueológica de Veracruz. Cuadernos de Instituto de Antropología, No. 1, Universidad Veracruzana, Xalapa.

Gerow, Bert A.

- 1959 Review of Excavations at La Venta, Tabasco, 1955, by P. Drucker, R. F. Heizer and R. J. Squier. *Science*, Vol. 130:329-330.

Greengo, Robert E.

- 1952 The Olmec Phase in Eastern Mexico. *Texas Archaeological and Palaeontological Society, Bulletin*, Vol. 23:260-292. Austin.

Groth-Kimball, Irmgard and F. Feuchtwanger

- 1954 Art of Ancient Mexico. Thames and Hudson, London.
Frontispiece and Plates 12, 13, 17-19.

Hasler, Juan A.

- 1959 Due teste litiche Olmeche con capelle crespi. *Archivio Internazionale di Etnografia e Preistoria*, Vol. 2:31-34. Turin.

Hawley, Henry H.

- 1961 An Olmec Jade Head. *Bulletin of the Cleveland Museum of Art*, Vol. 48:212-215.

Heizer, Robert F.

- 1957 Excavations at La Venta, 1955. *Bulletin of the Texas Archaeological Society*, Vol. 28:98-110. Austin.
- 1958 Review of Indian Art of Mexico and Central America, by M. Covarrubias. *American Antiquity*, Vol. 24:201-203.
- 1959 Specific and Generic Characteristics of Olmec Culture. *Actas del 33rd Congreso Internacional de Americanistas*, San José, 1958, Vol. 2:178-182. San José, C.R.
- 1960 Agriculture and the Theocratic State in Lowland Southeastern Mexico. *American Antiquity*, Vol. 26:215-222.
- 1961 Inferences on the Nature of Olmec Society Based on Data from the La Venta Site. *Kroeber Anthropological Society Papers*, No. 25:43-57. Berkeley.
- 1962 The Possible Sociopolitical Structure of the La Venta Olmecs. *Acten des 34th Internationalen Amerikanisten-kongresses*, Wien, 1960, pp. 310-317. Vienna.
- 1964 Some Interim Remarks on the Coe-Stuckenrath Review. *Kroeber Anthropological Society Papers*, No. 31:45-50. Berkeley.

Heizer, Robert F. and Howell Williams

- 1960 Olmec Lithic Sources. *Boletín del Centro de Investigaciones de México*, No. 6:16-17. (Revised in Contributions of the University of California Archaeological Research Facility, Vol. 1. Berkeley, 1965.)

Heizer, Robert F., Tillie Smith and Howell Williams
 1965 Notes on Colossal Head No. 2 from Tres Zapotes. American Antiquity, Vol. 31:102-104.

Holmes, W. H.

- 1907 On a Nephrite Statuette from San Andrés Tuxtla, Verzcruz, Mexico. American Anthropologist, Vol. 9:691-701.
- 1916 Masterpieces of Aboriginal American Art. Art and Archaeology, Vol. 3:73.
- 1916 The Oldest Dated American Monument, a Nephrite Figurine from Mexico. Art and Archaeology, Vol. 3:274-278.
- 1916 The Oldest Dated American Monument. Bulletin of the Pan-American Union, Vol. 43:89-93.

Jeffreys, D. W.

- 1953 Pre-Columbian Negroes in America. Scientia, Vol. 1:203-218.

Jiménez-Moreno, Wigberto

- 1942 El enigma de los olmecas. Cuadernos Americanos, Año 1, No. 5:113-135.
- 1946 Cultura de La Venta. In México Prehispánico, México, pp. 131-135.
- 1959 Síntesis de la historia pretolteca de Mesoamerica. In Esplendor de México antiguo. Centro de Investigaciones Antropológicas de México, Vol. 2:1019-1108.

Jones, Julie

- 1963 Bibliography for Olmec Sculpture. Primitive Art Bibliographies of the Library of the Museum of Primitive Art, No. 2. New York.

Josephy, Alvin M., Jr. (ed.)

- 1961 American Heritage Book of Indians. American Heritage Publishing Co., New York, p. 57, Plate LV, and opp. p. 9.

Joyce, T. A. and H. A. Knox

- 1931 Sculptured Figures from Veracruz State, Mexico. Man, Vol. 31:17. London.

Judd, Neil M.

- 1951 A New-found Votive Ax from Mexico. American Antiquity, Vol. 17:139-141.

Kelemen, Pal

- 1939 Pre-Columbian Jades. Parnassus, Vol. 11:2-10. New York.
- 1946 Medieval American Art. 2 vols. Macmillan Co., New York.

Kidder, Alfred V.

- 1942 Archaeological Specimens from Yucatan and Guatemala.
 Carnegie Institution of Washington, Notes on Middle American Archaeology and Ethnology, No. 9:35-39.
- 1947 The Artifacts of Uaxactun, Guatemala. Carnegie Institution of Washington, Publication No. 561, p. 49 and Plate 74.

The "King"—the Largest Stone Head Found in the Western Hemisphere
 1950 Natural History, Vol. 59:283.

Krapovickas, Pedro

- 1955 Review of The Cerro de las Mesas Offering of Jade and Other Materials, by P. Drucker. Instituto Panamericana de Geografía e Historia, Boletín Bibliografía de Antropología, Vol. 18:2:69-70.

Krickeberg, Walter

- 1950 Olmeken und Tolteken. Nach den jüngsten Ergebnissen der mexikanischen Archäologie, Vol. 75:13-35. Braunschweig.
- 1956 Altemexikanischen Kulturen. Safari-Verlag, Berlin.
- 1960 Altemexicanischen Felsbilder. Tribus, Vol. 9:172-184. Stuttgart.
- 1961 Las antiguas culturas mexicanas. (Transl. of Krickeberg, Garst and Reuter 1950.) Mexico, pp. 378-394; Figures 211, 215, 216; Plates 108, 109a, b, 110, 111, 112b.

Kubler, George

- 1962 The Art and Architecture of Ancient America. Penguin Books. Baltimore.

Kunz, George F.

- 1890 Gems and Precious Stones of North America. Scientific Publishing Co., New York, p. 281.

Lehman, Walter

- 1921 Altmexikanische Kunstgeschichte: ein Entwurf in Umrissen. Orbis Pictus, Vol. 8:322-333, 338. Verlag Ernest Wasmuth, Berlin.
- 1922 Mexican Art. History of Ancient Mexican Art, Vol. 8. Transl. of 1921. Brentano, New York.

Leonard, Carmen Cook de

- 1952 El museo de Villahermosa. Tlatoani, Vol. 1:26-31. México.

Lines, Jorge A.

- 1942 Dos nuevas gemas en la arqueología de Costa Rica. Proceedings 8th American Scientific Congress, Vol. 2:117-122.

- 1942 Esbozo arqueológico de Costa Rica. Proceedings 27th International Congress of Americanists, Vol. 2:217-222.
- Linné, Sigvald
 1956 Treasures of Mexican Art. Stockholm, pp. 46-51.
- Linné, Sigvald and H. D. Disselhoff
 1960 Alt-Amerika. Baden-Baden, pp. 62-64 and Figures 36-39.
- Lothrop, S. K.
 1955 Jade and String Sawing in Northeast Costa Rica. American Antiquity, Vol. 21:43-51.
 1964 Treasures of Ancient America. Horizon Books, New York.
- MacNeish, R. S.
 1960 Review of Excavations at La Venta, Tabasco, 1955, by P. Drucker, R. F. Heizer and R. J. Squier, 1959. American Antiquity, Vol. 26:296-297.
- Mason, John Alden
 1927 Native American Jades. University of Pennsylvania, Museum Journal, Vol. 18:47-73. Philadelphia.
 1965 Review of Treasure of Ancient America, by S. K. Lothrop. Archaeology, Vol. 18:2:151-152.
- Mayas y Olmecas
 (See Sociedad Mexicana de Antropología.)
- Medillín Zenil, Alfonso
 1959 Museo Veracruzano de Antropología. La Palabra y el Hombre, No. 11:469-500. Xalapa.
 1960 Monolitos inéditos Olmecas. La Palabra y el Hombre, Revista de la Universidad Veracruzana, No. 16:75-97. Xalapa.
 1960 Exploraciones arqueológicas en Laguna de Los Cerros, Acayuacan, Veracruz. Xalapa.
 1963 Monolito de Misantla, Veracruz. Boletín del Instituto Nacional de Antropología e Historia, No. 11:8-10. México.
- Medioni, G. and M. T. Pinto
 1941 Art in Ancient Mexico. Oxford University Press, New York, Plate 29.
- Melgar, José M.
 1869 Antigüedades Mexicanas, notable escultura antigua. Boletín la Sociedad Mexicana de Geografía Vol. 1:292-297. México.

- Melgar, José M. [cont'd.]
- 1869 Estudio sobre la antigüedad y el origen de la cabeza colossal de tipo etiópico que existe en Hueyapan, del cantón de los Tuxtlas. Boletín de la Sociedad Mexicana de Geografía y Estadística, Epoca 2, Vol. 3:104-109. México.
- Mexico, A Sunset Discovery Book, 3rd ed.
- 1963 Lane Publishing Co., San Francisco, p. 81.
- Mexico's Faces
- 1964 San Francisco Chronicle, October 18, p. 4T.
- Mexico's Great Stone Face in a Fountain
- 1965 Life Magazine, Vol. 58:28:36. New York.
- Milliken, William
- 1942 Jade Figurine in the Olmec Style. Bulletin of the Cleveland Museum of Art, No. 24:100 and cover.
- 1955 Two Pre-Columbian Sculptures. Bulletin of the Cleveland Museum of Art, No. 42:59-61.
- 1957 A Missing Fragment Recovered. Bulletin of the Cleveland Museum of Art, No. 44:46-48
- Morley, Sylvanus G.
- 1938 Inscriptions of Petén. Carnegie Institution of Washington, Publication No. 437:315-345.
- Nachtigall, Horst
- 1958 Die amerikanischen Megalithkulturen: Vorstudien zu einer Untersuchung, Berlin, pp. 95-101, 208; Plates 96, 99, 101, 107, 115, 120, 122, 132, 217.
- Nexus
- 1965 Vol. 2, No. 4, cover montage. San Francisco.
- Nicholson, Irene
- 1961 Archaeological Treasures of Mexico's Gulf Zone. Discovery (February), pp. 71-73.
- 1965 Pre-Columbians. Mexico This Month (March), pp. 18-22, 25. Mexico.
- Nomland, Gladys A.
- 1932 Proboscis Statue from the Isthmus of Tehuantepec. American Anthropologist, Vol. 34:591-593.
- Notas mundiales
- 1954 Yan, No. 3:129. México.
- Noticias varias
- 1961 Boletín de Instituto Nacional de Antropología e Historia, Vol. 5:11 and foto 11. México.

Noticias varias

- 1963 Boletín de Instituto Nacional de Antropología e Historia,
Vol. 12:15-17 and fotos 21, 22.

Olmec Culture Dated

- 1957 Science News Letter, Vol. 72:4:50.

Paalen, Wolfgang

- 1952 Le plus ancien visage du nouveau monde. Cahiers d'art,
27ème année, pp. 170-188. Paris.

Palacios, Enrique

- 1942 Prehistoria de México: los olmecas y los mayas. Anales de
Sociedad Geografía y Historia de Guatemala, Vol. 18:9-28.
(Reprinted from Mayas y Olmecas.)

Parsons, Lee A. and Peter S. Jenson

- 1965 Boulder Sculpture on the Pacific Coast of Guatemala.
Archaeology, Vol. 18:132-144.

Paso y Troncoso, Francisco del

- 1891 Informes a la Secretaría de Instrucción Pública acerca de
sus exploraciones en la Villa Rica y Cempoala. Diario
Oficial, Tomo 24, No. 93 (18 de abril). México.
1892-93 Catálogo de la Sección de México. Est. Tip. Sucesores
de Rivadeneyra. 2 vols. Madrid Exposición Histórico
Americana.

Pellicer, Carlos

- 1955 Tras la huella de un misterio de hace 25 siglos. Impacto,
No. 299:24-33. México.

Peterson, Frederick

- 1959 Ancient Mexico. New York.

Piazza, Luis Guillermo

- 1959 Jungle Museum. Americas, Vol. 11:24-26.

Pijoán y Soteras, José

- 1946 Arte precolombiana: Mexicano y maya. Summa Artis, Historia
General del Arte, Vol. 10:235-255. Madrid.

- 1963 Historia del arte. 7th ed. México, pp. 38-39.

Piña Chan, Román

- 1955 Chalcatzingo, Morelos. Instituto Nacional de Antropología,
Dirección de Monumentos prehispánicos, Informes No. 4. México.
1959 Review of Excavations at La Venta, Tabasco, 1955, by Drucker,
Heizer and Squier, 1959. Revista Interamericana Bibliografía,
Vol. 9:4:381-382.

- Piña Chan, Román [cont'd.]
- 1960 Algunos sitios de Oaxaca y Guerrero. Revista Mexicana de Estudios Antropológicos, Vol. 3:65-76 and fotos 1-3. México.
 - 1964 The Olmecs. Consejo Nacional de Turismo. México.
- Piña Chan, Román and Luis Covarrubias
- 1964 El pueblo del jaguar. Consejo para la planación e instalación del museo nacional de Antropología. México.
- Proskouriakoff, Tatiana
- 1956 Reviews of Stone Monuments of the Río Chiquito, Veracruz, Mexico, by M. Stirling, and The Cerro de las Mesas Offering of Jade and Other Materials, by P. Drucker. American Antiquity, Vol. 21:321.
- Rastros de una civilización perdida
- 1963 La tierra. Special issue of Life Magazine (Spanish edition) (July 22), p. M11.
- Ritzenthaler, Robert E.
- 1957 La Venta, a Ceremonial Center of the Olmecs. Milwaukee Public Museum, Lore, Vol. 8:22-23. Milwaukee.
- Rivet, Paul
- 1954 Mexique précolombien. Neuchatel.
- Saville, Marshall H.
- 1900 A Votive Adze of Jadeite from Mexico. Monumental Records, Vol. 1:138-140. New York.
 - 1929 Votive Axes of Ancient Mexico. Museum of the American Indian, Heye Foundation, Indian Notes, Vol. 6:266-300, 335-343.
- Schaefer, Claude
- 1948 Essai d'interprétation iconographique de la sculpture monumentale de La Venta (Tabasco). Actes de 28th Congrès Internationale des Américanistes, Paris, 1947, pp. 563-564. Paris.
- Seler-Sachs, Caecilia
- 1900 Auf Alten Wegen in Mexiko und Guatemala, Reiseerinnerungen und Eindrücke aus den Jahren 1895-1897. Deitrich Reimer, Berlin, pp. 129 and 132.
 - 1922 Altertümer des Kanton Tuxtla im Staate Veracruz. Festschrift Eduard Seler. Strecker und Schröder, Stuttgart, pp. 543-556.
- Shook, Edwin M.
- 1956 An Olmec Sculpture from Guatemala. Archaeology, Vol. 9: 261-262. Cambridge.

- 1957 Una escultura olmeca de Guatemala. *Antropología e Historia.* Instituto de Antropología e Historia de Guatemala, Vol. 9: 3-16. (Transl. of Shook 1956.)

Smith, Erminie

- 1880 Monograph on Jade. Illustrated with Fine Specimens in all the Different Varieties. *Proceedings of the American Association for the Advancement of Science*, 28th Meeting, Saratoga Springs, 1879, pp. 523-525. Salem.

Smith, Tillie

- 1963 The Main Themes of the "Olmec" Art Tradition. *Kroeber Anthropological Society Papers*, No. 28:121-213. Berkeley.

Sociedad Mexicana de Antropología

- 1942 Mayas y olmecas. Segunda reunión de mesa redonda sobre problemas antropológicos de Mexico y Centro America. Tuxtla Gutierrez.

Stirling, Matthew W.

- 1939 Discovering the New World's Oldest Dated Work of Man. *National Geographic Magazine*, Vol. 74:183-218. Washington.
- 1940 An Initial Series from Tres Zapotes, Veracruz, Mexico. *National Geographic Society Contributed Technical Papers*, Mexican Archaeology Series, Vol. 1, No. 1. Washington.
- 1940 Great Stone Faces of the Mexican Jungle. *National Geographic Magazine*, Vol. 78:309-334. Washington.
- 1941 Expedition Unearths Buried Masterpieces. *National Geographic Magazine*, Vol. 80:297-302. Washington.
- 1943 Stone Monuments of Southern Mexico. *Bureau of American Ethnology, Bulletin 138*. Washington.
- 1943 La Venta's Green Stone Tigers. *National Geographic Magazine*, Vol. 84:321-332. Washington.
- 1946 Culturas de la región olmeca. *Méjico Prehispánico*, Editorial Emma Hurtado, pp. 293-298. Méjico.
- 1947 On the Trail of La Venta Man. *National Geographic Magazine*, Vol. 91:137-172. Washington.
- 1955 Stone Monuments of Río Chiquito, Veracruz, Mexico. *Bureau of American Ethnology, Bulletin 157, Anthropological Papers No. 43*. Washington.
- 1957 An Archaeological Reconnaissance in Southeastern Mexico. *Bureau of American Ethnology, Bulletin 164, Anthropological Papers No. 53*. Washington.

Stirling, Matthew [cont'd.]

- 1957 Monuments de piedra de Río Chiquito, Veracruz, México.
 La Palabra y el Hombre, No. 4:15-24. Universidad de
 Veracruzana, Xalapa. (Transl. of Stirling 1955.)
- 1961 The Olmecs, Artists in Jade. Essays in Pre-Columbian Art
 and Archaeology. Harvard University Press, Cambridge,
 pp. 43-59.

Stirling, Matthew and Marion Stirling

- 1942 Finding Jewels of Jade in the Mexican Swamp. National
 Geographic Magazine, Vol. 82:635-661. Washington.

Thompson, J. Eric S.

- 1941 Dating of Certain Inscriptions of Non-Maya Origin. Carnegie
 Institution of Washington, Theoretical Approaches to Prob-
 lems, No. 1. Washington.
- 1943 Some Sculptures from Southwestern Quezaltenango, Guatemala.
 Carnegie Institution of Washington, Notes on Middle
 American Archaeology and Ethnology, No. 17. Washington.
- 1954 The Rise and Fall of the Maya Civilization. University of
 Oklahoma Press, Norman.
- 1960 Maya Hieroglyphic Writing: an Introduction. Carnegie
 Institution of Washington, Publication No. 589, 2nd ed.
 University of Oklahoma Press, Norman, pp. 5, 26-28, 69-98,
 151, 154.

Toscano, Salvador

- 1944 Arte precolombino de México de la America Central. Instituto
 de Investigaciones estéticas. Universidad Nacional Autonomía
 de México. México.

Vaillant, George C.

- 1932 A Pre-Columbian Jade. Natural History, Vol. 32:512-520,
 556-558. New York.
- 1941 Aztecs of Mexico. Doubleday Doran, New York.
- 1947 Tiger Masks and Platyrrhine and Bearded Figures from Middle
 America. Vigesimoseptimo Congreso Internacional de Ameri-
 canistas, México, 1939, Vol. 2:131-135.

Washington, Henry S.

- 1922 The Jade of the Tuxtla Statuette. Proceedings of the U.S.
 National Museum, Vol. 60:1-12. Washington.
- 1926 The Testimony of the Jades. Scientific American, Vol. 135:
 94-95. New York.

Wedel, W. R.

- 1952 Structural Investigations [at the La Venta site] in 1943.
 Bureau of American Ethnology, Bulletin 153:34-79.
 Washington.

West, R. C. (ed.)

- 1964 Natural Environment and Early Cultures. Handbook of Middle American Indians, Vol. 1:446-500. University of Texas Press, Austin.

Westheim, Paul

- 1950 Arte antiguo de México. México.
- 1952 La inexistente arquitectura de La Venta. Humanismo, No. 4:47-50. México.
- 1952 Las cabezas colosales de La Venta. Universidad de México, Tomo 6:67-69. México.
- 1955 Esencia y espíritu del arte prehispánico. Artes de México, Año 3, No. 7:21-56. México.
- 1957 Ideas fundamentales del arte prehispánico en México. Pp. 191-229. México.
- 1963 La escultura del México antiguo / The Sculpture of Ancient Mexico. Bilingual edition. Anchor Books, Garden City.

Weyerstall, Albert

- 1932 Some Observations on Indian Mounds, Idols and Pottery in the Lower Papaloapan Basin, State of Veracruz, Mexico. Middle American Papers, Middle American Research Series Publication 4:27-69. Tulane University, New Orleans.

Willey, Gordon R.

- 1957 Harvard Middle American Seminar, 1955-1956: an Introduction. Kroeber Anthropological Society Papers, No. 17:1-6. Berkeley.
- 1962 The Early Great Styles and the Rise of the Pre-Columbian Civilizations. American Anthropologist, Vol. 44:1-14.

Williams, Howel and Robert F. Heizer

- 1965 Sources of Rocks Used in Olmec Monuments. Contributions of the University of California Archaeological Research Facility, Vol. 1:1-39. Berkeley.

Museum and Exhibition Guides and Catalogues

American Museum of Natural History

- 1958 General Guide to the American Museum of Natural History,
pp. 185-186. New York.

Arensberg Collection

- 1954 The L. and W. Arensberg Collection of Pre-Columbian
Sculpture. New York.

Bliss, Robert Woods

- 1947 Indigenous Art of the Americas. Introduction and Catalogue
of the Bliss Collection at the National Gallery of Art,
Washington.

Collier, Donald

- 1959 Indian Art of the Americas. Chicago Natural History Museum,
Figure 26.

Digby, Adrian

- 1953 The Olmec Jades in the Exhibition of Mexican Art.
Burlington Magazine, Vol. 95:162-165. London.

Galerie Jeanne Bucher

- 1963 Sculpture en pierre de l'ancien Mexique. Paris.

Gamboa, Fernando (Director)

- 1963 Masterworks of Mexican Art. Los Angeles County Museum,
October 1963-January 1964.

Historisches Museum

- 1960 Präkolombische Kunst aus Mexiko und Mittelamerika, pp. 48-49
and Plate 49. Text by Gerdt Kutscher. Frankfort am Main.

Joyce, Thomas A.

- 1912 A Short Guide to the American Antiquities in the British
Museum. London.

Kunst der Mexikaner

- 1959 Kunsthaus. Zurich.

Lothrop, S. K., W. F. Foshag and Joy Mahler

- 1957 Pre-Columbian Art. Bliss Collection of the National Gallery,
Washington. Phaidon, New York.

Medellin Zenil, Alfonso

- 1963 The Olmec Tradition. Museum of Fine Arts, June 18-August 25.
Houston.

Museum of Modern Art

1940 Twenty Centuries of Mexican Art. Essay by Alfonso Caso.
New York.

Palacio de Bellas Artes

1934 Escultura Mexicana Antigua. Exposición. Secretario de
Educación Pública. México.

Pellicer, Carlos

1959 Museos de Tabasco. Guía Oficial. Instituto Nacional de
Antropología e Historia. México

1961 The Tabasco Museums. Official Guide. Instituto Nacional
de Antropología e Historia. Mexico. (English version of
1959.)

Powell, Jane

1959 Ancient Art of the Americas. Brooklyn Museum.

Sala Miguel Covarrubias

1958 Guía Oficial. Introduction and Text by Luis Aveleyra.
Instituto Nacional de Antropología e Historia, Museo
Nacional de Antropología, México.

Wurtzberger Collection

1958 Primitive Art. Baltimore Museum of Art, Plate 30.
Baltimore.