REFERENCES CITED

- Bausman, R. O.
- The Economic and Historic Background of Farm Tenancy in Delaware. Journal of Farm Economics 15:164-167.
- Bolakas, J. F.
- 1984 Investigation of Flood Plain Development, Brandywine Creek, Chadds Ford, PA. Unpublished M.S. thesis, Department of Geology, University of Delaware, Newark.
- Bowers, Martha H.
 - Architectural Investigation of the Route 7 North Corridor, Milltown to the Pennsylvania State Line, New Castle County, Delaware. Delaware Department of Transportation Archaeology Series 48. Dover.
- Bragdon, Kathleen J.
- 1981 Occupational Differences Reflected in Material Culture.
 Northeast Historical Archaeology 10:27-39.
- Braun, E. L.
- 1967 Deciduous Forests of Eastern North America. Hafner, New York.
- Burghardt, Andrew F.
- The Origin and Development of the Road Network of the Niagra Peninsula, Ontario, 1770-1851. Annals of the Association of American Geographers 59(3):417-440.
- Catts, Wade P., Kevin W. Cunningham and Jay F. Custer
 1983 Archaeological Investigation at the Welsh Tract
 School, District Number 54, Newark, New Castle County,
 DE. Delaware Department of Transportation Archaeology
 Series No. 22. Dover.
- Christopher, M. J., and Woodruff, K. D.
 - Thickness of Regolith in the Delaware Piedmont.

 Delaware Geological Survey Open File Report No. 19.
- Coleman, Ellis C., Kevin W. Cunningham, Jim O'Connor, Wade P. Catts, and Jay F. Custer
 - Phase III Data Recovery Excavations of the William M. Hawthorn Site 7NC-E-46 New Churchman's Road Christiana, New Castle County, Delaware. Delaware Department of Transportation Archaeology Series No. 28. Dover.
- Coleman, Ellis C., Kevin W. Cunningham, David C. Bachman, Wade P. Catts, Jay F. Custer
 - Final Archaeological Investigations at the Robert Ferguson/Weber Homestead, Ogletown, New Castle County, DE. Delaware Department of Transportation Archaeology Series No. 16. Dover.

- Coleman, Ellis C., Kevin W. Cunningham, Wade P. Catts, Jay F. Custer
 - Intensive Archaeological Investigations of the Wilson-Slack Agricultural Works Complex, Chestnut Hill Road-Route 4, Newark, New Castle County, DE. Delaware Department of Transportation Archaeology Series No. 34. Dover.
- Colles, Christopher
- A Survey of Roads of the U.S.A., 1789, edited by Walter W. Ristow. Reprinted. Harvard University Press, Cambridge. Originally published 1789, New York.
- Conrad, Henry C.
- 1908 **History of the State of Delaware.** 3 vols. Privately published, Wilmington.
- Cooch, Francis A.
- 1936 Little Known History of Newark, Delaware, and Its Environs. Press of Kells, Newark.
- Curry, D. and Jay F. Custer
 1982 Holocene Climatic Change in the Middle Atlantic Area:
 Preliminary Observations from Archaeological Sites.
 North American Archaeologist 3:275-285.
- Custer, J. F.
 - 1980 Settlement-Subsistence Systems in Augusta County, Virginia. Quarterly Bulletin of the Archaeological Society of Virginia 35(1):1-27.
 - The Prehistoric Archaeology of the Churchman's Marsh Vicinity: An Introductory Analysis. Bulletin of the Archaeological Society of Delaware 13:1-41.
 - 1983 A Management Plan for the Prehistoric Archaeological Resources of Delaware. University of Delaware Center for Archaeological Research Monograph No. 2. Newark.
 - 1984 Delaware Prehistoric Archaeology: An Ecological Approach. University of Delaware Press, Newark.
 - 1985 Test Excavations at the Webb Site (36CH51), Chester County, Pennsylvania. Pennsylvania Archaeologist 55(1-2):42-53.
- Custer, J. F., and David C. Bachman

 1984 Phase III Data Recovery Excavations of the Prehistoric Components from the Hawthorn Site 7NC-E-46, New Churchman's Road, Christiana, New Castle County, Delaware. Delaware Department of Transportation Archaeological Series No. 27. Dover.
- Custer, J. F., Wade P. Catts and David C. Bachman 1982 Phase II Archaeological Investigations at 2 Prehistoric

Sites: 7NC-D-70 and 7NC-D-72, New Castle County, DE. Delaware Department of Transportation Archaeology Series No. 24. Dover.

- Custer, J. F., and Colleen DeSantis

 1985a Preliminary Investigations at the Mitchell Farm Site
 (7NC-A-2), New Castle County, Delaware. Pennsylvania
 Archaeologist 55(4):38-48.
- 1985b A Management Plan for the Prehistoric Archaeological Resources of Northern Delaware. (in press).
- Custer, J. F. and D. R. Griffith

 1984 Analysis and Sedimentary Data from the Mitchell Farm
 Site (7NC-A-2), New Castle County, Delaware, and the
 Dill Farm Site (7K-E-12), Kent County, Delaware.
 University of Delaware Center for Archaeological
 Research Report No. 4. Newark.
- Custer, J. F., and E. B. Wallace
 1982 Patterns of Resource Distribution and Archaeological
 Settlement Patterns in the Peidmont Uplands of the
 Middle Atlantic Region. North American Archaeologist
 3(2): 139-172.
- Custer, J. F., and Scott C. Watson
 1985 Archaeological Investigations at 7NC-E-42, A Contact
 Period Site in New Castle County, Delaware. Journal of
 Middle Atlantic Archaeology 1:97-116.
- Delaware, State Highway Department 1917-1928 Annual Report. Dover, Delaware.
- Eckman, J. A., A. Higgins, and W. A. Connors, eds.

 1938 Delaware: A Guide to the First State. The Viking Press, New York.
- Egnal, Marc
 1975 The Economic Development of the Thirteen Continental
 Colonies, 1720-1775. William and Mary Quarterly
 32:191-222.
- Feister, Lois M.
 1975 Analysis of the Ceramics found at the Vereberg Tavern
 Site, Albany County, New York. Man In the Northeast
 10:2-16.
- Folk, R. L.
 1968 Petrology of Sedimentary Rocks. Hemphill Inc., Austin.
- Futhey, J. Smith and Gilbert Cope
 1881 History of Chester County, Pennsylvania, with
 Geneological and Biographical Sketches. Louis H.
 Everts, Philadelphia.

- Gardner, W. M.
 - 1978 Comparison of Ridge and Valley, Blue Ridge, Piedmont, and Coastal Plain Archaic Period Site Distribution: An Idealized Transect (Preliminary Model). Paper presented at the 1978 Middle Atlantic Archaeological Conference, Rehoboth Beach, Delaware.
- Glassie, Henry
- 1972 Eighteenth-Century Cultural Process in Delaware Valley Folk Building. Winterthur Portfolio 7:29-57.
- Hancock, Harold B.
- Agriculture in Delaware 1789-1900. In **Delaware: A History of the First State**, edited by H. Clay Reed,
 1:373-389. Lewis Historical Publishing Co., Inc.,
 Lewis, Delaware.
- 1974 Furniture Craftsmen in Delaware Records. Winterthur Portfolio 9:175-212.
- Heite, Edward F.
- The pioneer Phase of the Chesapeake Iron Industry:
 Naturalization of a Technology. Quarterly Bulletin,
 Archaeological Society of Virginia 38(3):133-181.
- Hickman, Patricia P.
 - 1977 Country Nodes: An Anthropological Evaluation of William Keys' Desert Queen Ranch, Joshua Tree National Monument, California. Publications in Anthropology No. 7. Western Archaeological Center, Tucson, Arizona.
- Hoffecker, Carol W.
 - 1977 Delaware: A Bicentennial History. W. W. Norton and Company, Inc., New York.
- Hurry, Silas and Maureen Kavanagh
- Intensive Archaeological Investigations at the Howard-McHenry Site, A Nineteeth-Century Mill/Tenancy.

 Department of Natural Resources, Maryland Geological Survey, Division of Archaeology File Report Number 182.

 Maryland.
- King, J. A. and H. M. Miller
 - Rural Lifestyles in the Early 18th Century Chesapeake: An Archaeological Comparison of Households in the Lower Potomac Region. Paper presented at the 45th Conference on Early American History, Baltimore, Maryland.
- Lake, Joseph R., Jr.
 - 1976 **Hockessin: A Pictorial History.** Hockessin-Yorklyn-Corner Ketch Bicentennial Committee.
- Laws of the State of Delaware
 - Laws of the State of Delaware, Vol. 10 (1845-1852). S. Kimmey, Dover, Delaware.

- Lemon, James T.
 - 1967 Urbanization and the Development of Eighteenth-Century Southeastern Pennsylvania and Adjacent Delaware. William and Mary Quarterly 24(4):500-539.
 - The Best Poor Man's Country: A Geographical Study of Early Southeastern Pennsylvania. The Johns Hopkins Press, Baltimore.
 - 1978 The Weakness of Place and Community in Early Pennsylvania. In **European Settlement and Development in North America: Essays on Geographical Change in Honour and Memory of Andrew Clark Hill,** edited by James R. Gibson, pp. 190-207. University of Toronto Press, Toronto.
- Lindstrom, Diane
 - 1978 Economic Development in the Philadelphia Region 1810-1850. Columbia University Press, New York.
 - American Economic Growth Before 1840: New Evidence and New Directions. The Journal of Economic History 39(1):289-301.
- Manning, Alice E.
- Nineteenth Century Farmsteads on the Inner Coastal Plain of New Jersey. In Historic Preservation Planning in New Jersey: Selected Papers on the Identification, Evaluation, and Protection of Cultural Resources, edited by Olga Chester, pp. 42-92. Office of New Jersey Heritage, Department of Environmental Protection, Trenton.
- Michael, Ronald L.
 - 1973a Ceramics from a 19th-Century SW Pennsylvania Tavern.
 Pennsylvania Archaeologist 43:1-13.
 - 1973b The Peter Colley Tavern, 1807-1854. Pennsylvania Folklife 23(2):31-39.
- Michael, Ronald L. and Ronald C. Carlisle
- 1976 Peter Colley Tavern: Nineteenth Century Wagon Tavern.

 Pennsylvania Archaeologist 46(1-2):21-34.
- Middleton, G. V. and Southard, J. B.
- 1984 Mechanics of Sediment Movement. Soc. Econ. Paleontologists and Mineralogists Short Course Notes No. 3. Tulsa, OK.
- Munroe, John A.
 - 1954 Federalist Delaware, 1775-1815. Rutgers University Press, New Brunswick.
 - 1978 Colonial Delaware; A History. KTO Press, Millwood, N.Y.

- Pizzuto, J. E.
- n.d. Sediment Diffusion During Overbank Flows, pt. II: Model Calibration and Paleoflood Hydraulics, Brandywine Creek, Pennsylvania, U.S.A., submitted to Sedimentology.
- Pursell, Caroll W.
- That Never Failing Stream: A History of Milling Along Red Clay Creek During the Mineteenth Century. Unpublished MA thesis, Department of History, University of Delaware.
- Reed, J. C., Jr.
- Disequilibrium profile of the Potomac River near Washington, D. C. A Result of Lowered Base /Level or Quaternary Tectonics along the Fall Line?. Geology 9:445-450.
- Rice, Kym
- 1983 For Entertainment of Friends and Strangers: the Role of the Tavern in 18th Century Life. Catalog, Fraunces Tavern Museum, New York.
- Ritter, D. F.
- 1978 Process Geomorphology. W. C. Brown, Dubuque, Ia.
- Rock Color Chart Committee
- 1980 The Rock Color Chart. Geol. Soc. America, Boulder, Co.
- Rockman, Diana D., and Nan A. Rothschild
 - 1984 City Tavern, Country Tavern: An Analysis of Four Colonial Sites. **Historical Archaeology** 18(2):112-121.
- Ryan, Mary P.
- 1981 Craddle of the Middle Class: The Family in Oneida County, New York, 1790 -1865. Cambridge University Press, Cambridge.
- Scharf, J. Thomas
- 1888 History of Delaware, 1609-1888. L.J. Richards and Co, Philadelphia.
- South, Stanley
- 1979 Historic Site Content, Structure, and Function.

 American Antiquity 44(2):213-237.
- Spoljaric, N.
- 1967 Pleistocene Channels of New Castle County. Delaware Geological Survey Report of Investigations No. 10. Delaware Geological Survey, Newark.
- Stiverson, Gregory A.
- 1977 Poverty in a Land of Plenty: Tenancy in Eighteenth-Century Maryland. The Johns Hopkins University Press, Baltimore and London.

- Swank, James M.
 - History of the Manufacture of Iron in all Ages. Privately Published, Philadelphia.
- Stewart, R. M., C. Hummer and J. F. Custer

 1986
 Late Woodland Cultures of the Middle and Lower Delaware
 River Valley and Upper Delmarva Penninsula. In Late
 Woodland Cultures of the Middle Atlantic Region, edited
 by J. F. Custer, pp. 58-59. University of Delaware
 Press, Newark.
- Thornbury, W. D.
 1965 Regional Geomorphology of the United States. Wiley,
 New York.
- Thompson, Timothy A.

 1984 Phase I and II Archaeological Investigations of the Stanton Intersection, Stanton, New Castle County, DE.

 Delaware Department of Transportation Archaeology Series No. 32. Dover, DE.
- Thompson, Timothy A. and William M. Gardner

 1986 Final Archaeological Excavations at the Wm. Anthony
 Hotel and Rising Sun Tavern, Staton, New Castle County,
 DE. Delaware Department of Transportation
 Archaeological Series 44. Dover, DE.
- Walker, R. G.
 1984 Facies Models. Geological Association of Canada,
 Toronto, Canada.
- Walzer, John F.
 1972 Colonial Philadelphia and its Backcountry. Winterthur
 Portfolio 7:161-173.
- Ward, Mary Sam
 1968 Inns and Taverns of Delaware (1800-1850). Unpublished
 MA Thesis, University of Delaware.
- Wilkins, E. S.
 1978 A Seldon Island Vessel from the Minguannan Site, 36-CH3. Bulletin of the Archaeological Society of Delaware
 11:17-22.
- Wolf, Stephanie Gravman
 1976 Urban Village: Population, Community, and Family
 Structure in Germantown, Pennsylvania 1683-1800.
 Princeton University Press, Princeton, New Jersey.
- Woodruff, D. D., and Thompson, A. M.
 1972 Geology of the Newark Area, Delaware. Delaware
 Geological Survey Map Series No. 3.

MAP SOURCES CONSULTED

Map of New Castle County, Delaware from Original Surveys. Samuel Rea and Jacob Price. Smith and Wister, Philadelphia, 1849.

Map of the Part of New Castle County, Delaware, and Chester County Pennsylvania showing the Preliminary Surveys for the Wilmington and Brandywine Railroad. Published in Reports Relating to Surveys for the Wilmington and Brandywine Railroad. Henry Eckel, Wilmington, 1860.

Atlas of the State of Delaware Pomeroy and Beers, Philadelphia, 1868.

Atlas of Chester County Pennsylvania. A. R. Witmer, Philadelphia, 1873.

Map of New Castle County, Delaware. G. M. Hopkins and Co. Philadelphia, 1881.

Atlas of the State of Delaware. G. William Baist, Philadelphia, 1893.

MANUSCRIPTS SOURCES CONSULTED

Delaware State Archives

New Castle County Court of Quarter Sessions, Tavern Petitions, 1778-1854, Record Group 2525.

New Castle County Levy Court, Road Petitions 1744-1934, Record Group 2200

New Castle County Court of Common Pleas, Record Group 2815

New Castle County Deed Books

Mill Creek Hundred Tax Assessment Lists, 1803-04, 1816, 1852-53.

New Castle County Land Warrants and Surveys

New Castle County Orphans Court Records

Historical Society of Delaware

Geneological Surname File

Historical Society of Pennsylvania

Jacob and Issac Taylor Paper, New Castle County Surveys (Vo. 10)

Penn Manuscript Warrants and Surveys

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