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Timothy K. Perttula

Heritage Research Center, Stephen F. Austin State University

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Documentation of Early Caddo Period Ceramic Vessels from the George C. Davis Site on the Neches River in Cherokee County, Texas

Timothy K. Perttula

INTRODUCTION

The George C. Davis site (41CE19)/Caddo Mounds State Historic Site in Cherokee County, Texas, is a Caddo site that was occupied by ancestral Caddo peoples between ca. A.D. 940 and the late 1200s (based on an extensive suite of calibrated radiocarbon dates, see below) on a large alluvial terrace of the Neches River in East Texas (Figure 1). The site is a planned civic-ceremonial center that has three earthen mounds—Mound A, a large platform mound with elite residences and special purpose structures; Mound B, a second platform mound; and Mound C, a burial mound used as a cemetery for the elite or ranked members of the society—a borrow pit, and a large associated village (estimated at more than 110 acres) with more than 100 known or suspected structures. The structures include the domestic residences of the commoners that lived at the site as well as the residences for the elites (chiefs and religious leaders) and special structures used for ritual and ceremonial purposes (Spock 1977; Story 1997, 1998, 2000).

The George C. Davis site is an archaeological site that has yielded information of major scientific importance concerning the origins and development of the Caddo peoples, a still little-known but significant stratified and complex society that lived in the far western reaches of the Southeastern United States and whose cultural traditions have lasted for more than 1000 years. The expansive nature of the archaeological investigations at the George C. Davis site since 1939 has obtained unique information on Caddo community organization and social logic, the nature of Caddo symbolism and ideology, as well as the early existence of important community political, social, and religious activities within special precincts near Mounds A and B. The archaeological work has also obtained key insights into the domestic nature of the community, with residential domiciles dated as early as ca. A.D. 940 organized into compounds with small courtyards; this was not a vacant mound center. Demonstrating great continuity in Caddo community and social organization, the same kinds of domestic compounds seen ca. A.D. 940 and after at the George C. Davis site have also been documented from a 1691 map prepared by a Spanish expedition to a Nasoni Caddo civic-ceremonial center on the Red River in East Texas.

The George C. Davis site archaeological record from sacred as well as domestic contexts contains important Caddo data relevant to each of these broad themes. This includes evidence from features for the earliest origins of the community at ca. A.D. 940 as well as features that demonstrate a continuous occupation that lasted until the late A.D. 1200s. The use of tropical cultigens preserved in features has been shown to have been an important subsistence resource in the community, intensifying in use after ca. A.D. 1200 among East Texas Caddo societies (Perttula et al. 2014), during a period of climate (the Medieval Warm Period) favorable for agriculture in the Caddo area. A crystallization of religion, ideology, and iconographic practice as a measure of complexity is seen in the archaeological record of these early Caddos, denoted by the development of platform mounds with temples and other specialized structures for use by the political and religious elite, the acquisition and exchange of non-local prestige goods, details of architecture and mound construction (the use of berms and selective use of brightly colored soils), and the kinds of elaborate burial features (several with multiple individuals, probably indicative of retainer sacrifice) and associated grave goods in the Mound C mortuary at the site (e.g., Perttula 2013; Story 1997, 1998, 2000).

The George C. Davis has had the most extensive investigations of any Caddo mound site, including very large scale archaeo-geophysical work (Walker and McKinnon 2012:181-189), and archaeologists have done an exemplary job in publishing the results of their investigations, beginning with the seminal 1949 study prepared by H. Perry Newell and Alex D. Krieger (1949, 2000). Taken together, the extensive nature of the work (see Story 1969, 1972, 1981, 1997, 1998, 2000), the quality of the archaeological investigations, and the unique archaeo-geophysical data set, suggest that the George C. Davis site strongly exemplifies the character of a Caddo civic-ceremonial community in the Caddo archaeological area, and through its study has shed unique light on the origins and elaboration of the Caddo cultural tradition.

In this article, I document, using a standardized protocol, the ancestral Caddo vessels and vessel sections that have been recovered from various kinds of features at the George C. Davis site since excavations began at the site in 1939. I also discuss the stylistic and functional character of this unique vessel assemblage. The analysis of the recovered ceramic vessels and sherds from the George C. Davis site has been ongoing since the 1940s (e.g., Arnold 1973, 1975; Descantes et al. 2005; Marchbanks 1989; Stokes and Woodring 1981), and has included innovative work in the chemical characterization of the ceramics as well as the preservation of lipids in samples of ceramic vessels and sherds. Dr. Robert Z. Selden has also obtained 3-D scans of many of the vessels discussed in this article.

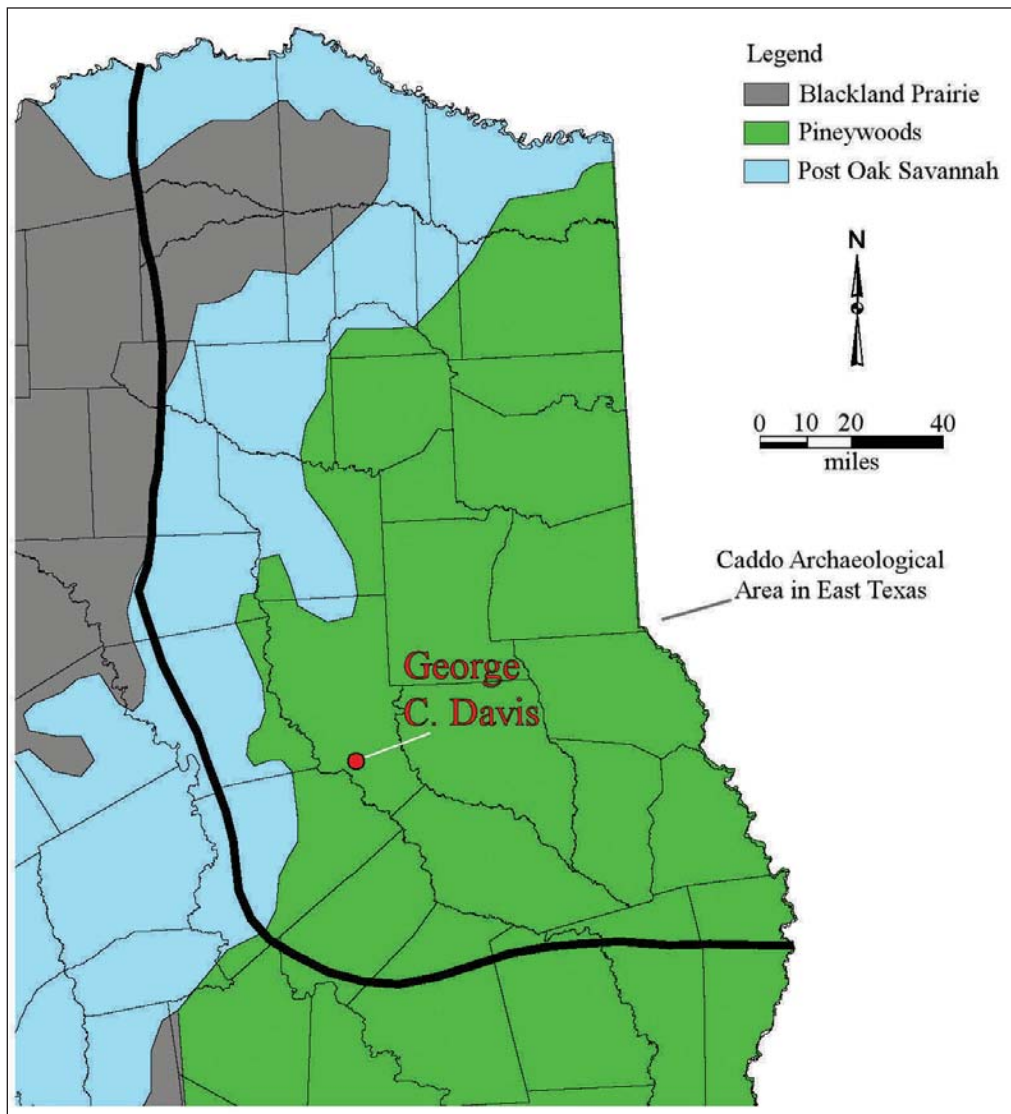


Figure 1. The location of the George C. Davis site in East Texas.

Archaeological Context of the Site and the Ceramic Vessels

Archaeological excavations that have occurred at the George C. Davis site since 1939 have revealed many preserved features in the mounds and village areas (evidence of wood structures, outdoor activity areas, borrow pits, burial pits and shaft tombs, discrete mound fills, and mound ramps) (Figure 2). These excavations have encompassed approximately 3.4 acres (ca. 13,860 m²), or only about 3 percent of the known site area (Story 2000). Recent archaeo-geophysical surveys of a 110 acre area of the site has also identified over 70 Caddo architectural features as well as possible burials and even possible public spaces or plazas that were previously unknown and remain unexcavated at the present time (Walker and McKinnon 2012).

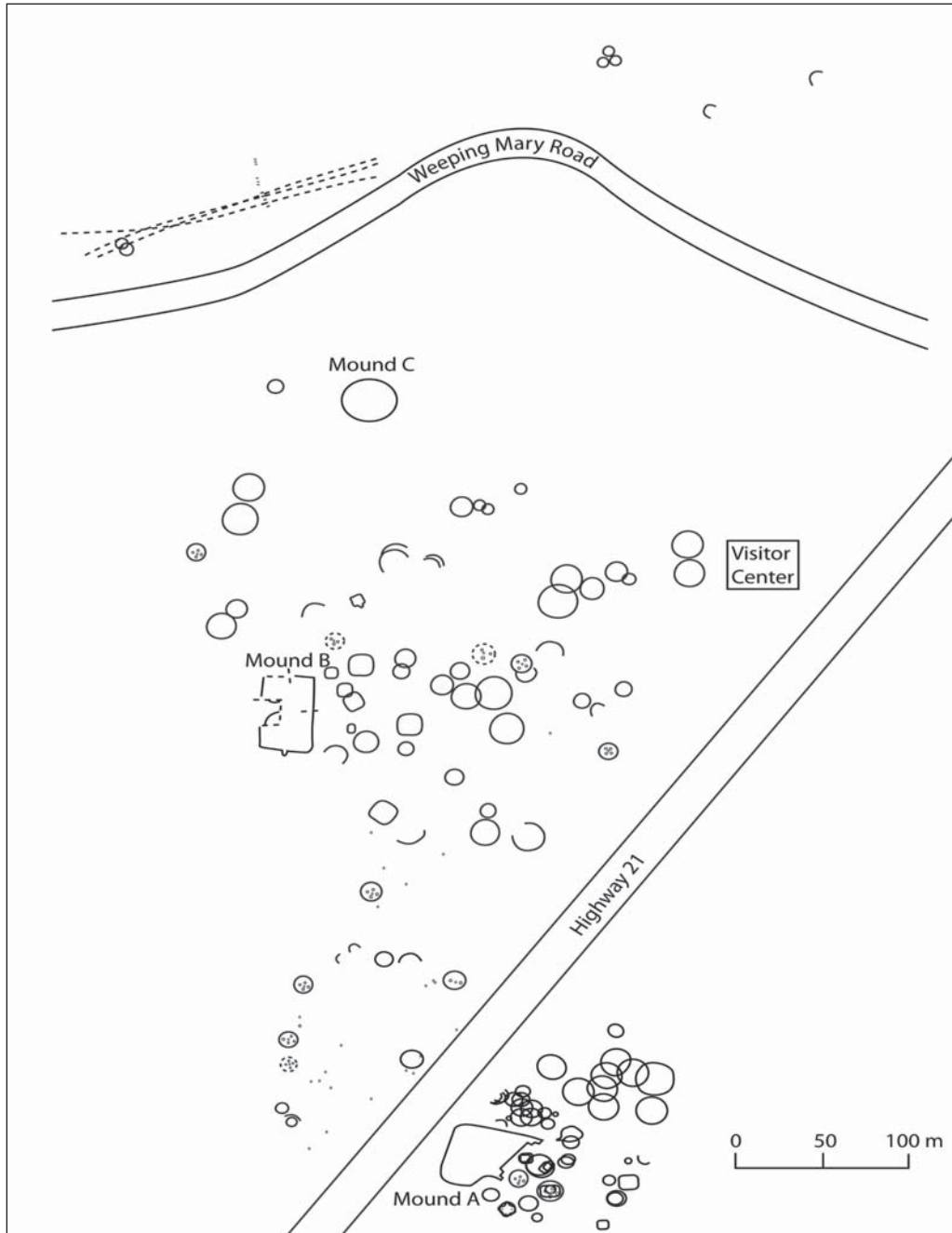


Figure 2. The excavated and geophysical architectural features from the George C. Davis site (41CE19), Cherokee County, Texas. Image courtesy of Chester P. Walker.

The 115 radiocarbon dates from a number of cultural features at the George C. Davis site (Story and Valastro 1977) can be combined into three groups (Table 1 and Figure 3) of 2 sigma calibrated age range with all but two calibrated dates falling in Groups 1 and 2. For the 47 Group 1 calibrated dates, the highest probability (64 percent) is in the A.D. 940-995 range, at the end of the Formative Caddo period (ca. A.D. 800-1000). The combined Group 2 calibrated age range of 66 date is A.D. 1185-1258, at the latter end of the Early Caddo period (ca. A.D. 1000-1200) and the first part of the Middle Caddo period (ca. A.D. 1200-1400). On the basis of the present set of calibrated and combined radiocarbon dates from the George C. Davis site, the overall Caddo occupation there took place between A.D. 940-1258.

Table 1. Date ranges for combined radiocarbon samples from the George C. Davis site (41CE19) (from Selden and Perttula 2013: Table 3).

Site Name	Site Trinomial	Group/Assay No. of 14C Dates	2 Sigma Date Range (Probability)
George C. Davis	41CE19	1 (n=47)	A.D. 896-923 (0.31), A.D. 940-995 (0.64), A.D. 1006-1012 (0.01)
	41CE19	2 (n=66)	A.D. 1185-1258 (0.95)
	41CE19	3 (n=2)	A.D. 1310-1360 (0.10), A.D. 1386-1525 (0.74), A.D. 1557-1632 (0.12)

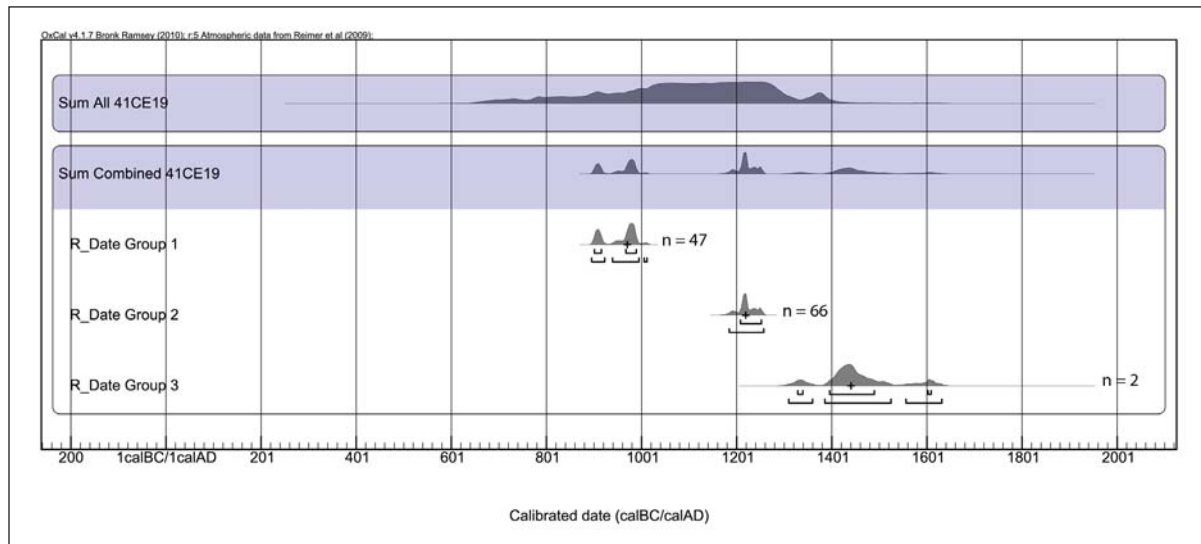


Figure 3. All and combined summed probability distributions for Caddo period dates from the George C. Davis site (41CE19) with 1σ and 2σ ranges, median ages, and number of samples.

Documentation of the Ceramic Vessels

Archaeological investigations at the George C. Davis site since the late 1930s-early 1940s have recovered 47 Caddo vessels or vessel sections that are in the collections of the Texas Archeological Research Laboratory at The University of Texas at Austin. The majority of the vessels (n=27, 57 percent) are from the 1939-1941 WPA investigations in and around Mound A and immediately adjacent village areas (see Newell and Krieger 1949, 2000; Story 2000). Another 28 percent are from 1968-1970 University of Texas investigations in Mounds B and C (Story 1997, 1998), four vessels (8.5 percent) are from 1978 University of Texas investigations in village areas (Thurmond and Kleinschmidt 1979), and the remaining three vessels are from miscellaneous contexts. All of the vessels are associated with Early Caddo period Alto phase archaeological deposits and cultural features.

1939-1941 WPA Investigations

The vessels from the 1939-1941 WPA investigations are not from burial features, but are reconstructed from sherds deposited in archaeological deposits in or below Mound A, the large platform mound at the George C. Davis site, or in Caddo structures adjacent to Mound A. This includes two vessels found stratigraphically between Feature 37, an oval house built in a depression or pit (Newell and Krieger 1949:35), and a later house (Feature 31) built over the earlier oval house; another vessel in Feature 33, a large circular house that “lay about half in the village area and half under the mound” (Newell and Krieger 1949:35); and a Crockett Curvilinear Incised vessel in Feature 42, a structure in the village area (Newell and Krieger 1949:44). Four other vessels are from Feature 5 in the Inner Village at the site, just north of Feature 3, an oval-shaped house, and south of Mound A (see Newell and Krieger 1949:Figure 4). This was a “concentration of broken pottery... possibly piled in a shallow pit” (Newell and Krieger 1949:52).

SITE NAME OR SITE NUMBER: George C. Davis

VESSEL NO.: No Number; 1939-1941 WPA, surface

VESSEL FORM: Carinated bowl

NON-PLASTICS AND PASTE: grog and hematite

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark grayish-brown; fire clouds on the rim

EXTERIOR SURFACE COLOR: yellowish-brown; fire clouds on the rim and body

WALL THICKNESS (IN MM): rim, 6.0 mm; body, 6.1 mm

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 5.7+

ORIFICE DIAMETER (IN CM): 23.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 23.0

BASE DIAMETER (IN CM) AND SHAPE OF BASE: N/A

ESTIMATED VOLUME (IN LITERS): 0.8+

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim panel has sets of opposed diagonal or vertical engraved lines that are divided by large upward- or downward-pointing excised triangle elements (Figure 4).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY (IF KNOWN): Holly Fine Engraved (see Newell and Krieger 1949:Figures 29a-b and 30a)



Figure 4. Holly Fine Engraved carinated bowl section from the surface of the George C. Davis site.

SITE NAME OR SITE NUMBER: George C. Davis

VESSEL NO.: 395a, Inner Village A

VESSEL FORM: Carinated bowl

NON-PLASTICS AND PASTE: grog and bone

RIM AND LIP FORM: Direct rim and flat lip

CORE COLOR: A (fired and cooled in an oxidizing environment)

INTERIOR SURFACE COLOR: reddish-brown; fire clouds on the rim

EXTERIOR SURFACE COLOR: reddish-brown; fire clouds on the rim and body

WALL THICKNESS (IN MM): rim, 5.5 mm

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 5.1

ORIFICE DIAMETER (IN CM): 11.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.3

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 7.6; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.35

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim has 10 vertical incised panels that are filled with tool punctations (Figure 5)

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY (IF KNOWN): Pennington Punctated-Incised

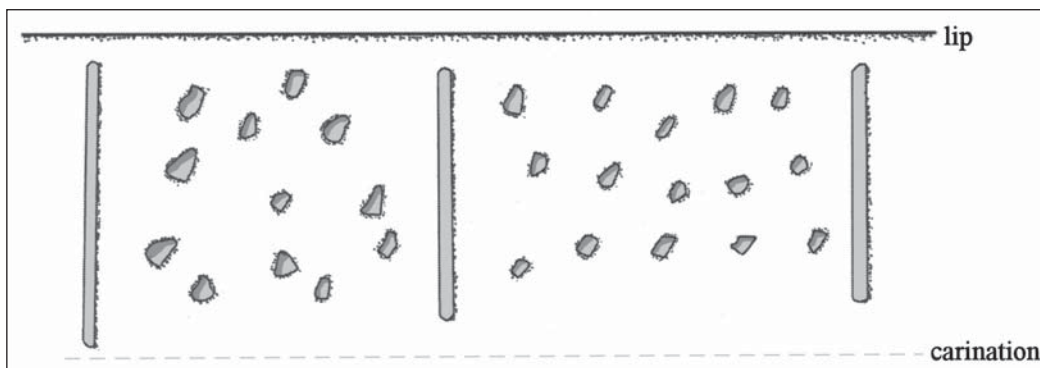


Figure 5. Decorative elements on Pennington Punctated-Incised carinated bowl from the Inner Village A at the George C. Davis site.

SITE NAME OR SITE NUMBER: George C. Davis

VESSEL NO.: 790, Inner Village A

VESSEL FORM: Jar

NON-PLASTICS AND PASTE: grog

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark grayish-brown

EXTERIOR SURFACE COLOR: very dark grayish-brown

WALL THICKNESS (IN MM): rim, 6.0 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 7.6

ORIFICE DIAMETER (IN CM): 9.1

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 8.8

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 7.6; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.4

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The vessel rim has two horizontal incised lines with two rows of crescent-shaped fingernail punctations. The vessel body has closely-spaced vertical incised lines that extend from the rim-body juncture to the vessel base (Figure 6).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY (IF KNOWN): Weches Fingernail Impressed, *var. Weches* (Stokes and Woodring 1981:Figure 22n-q)

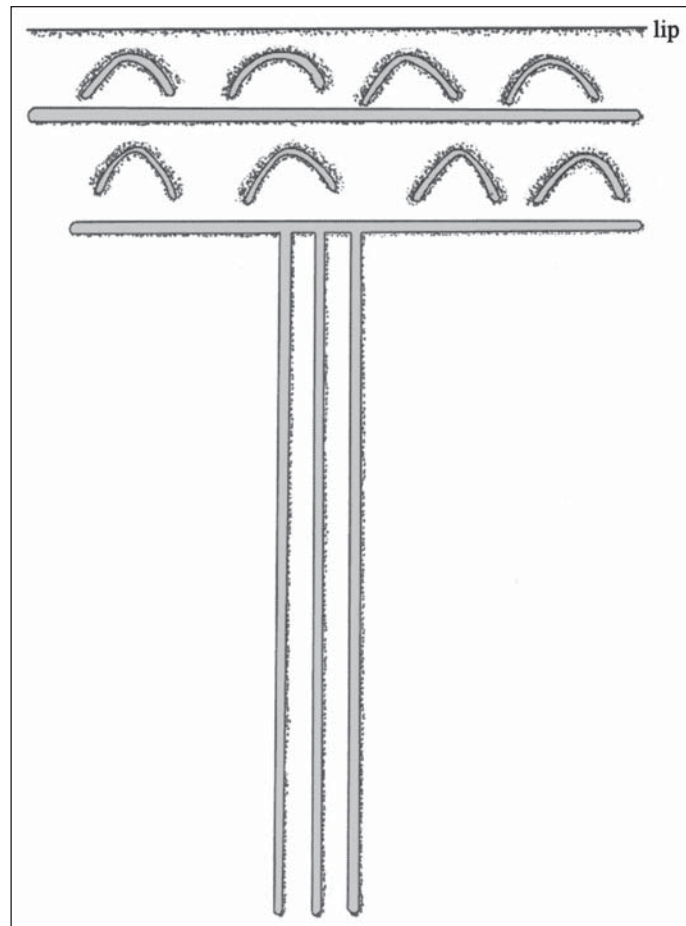


Figure 6. Decorative elements on Weches Fingernail Impressed, *var. Weches* jar from Inner Village A at the George C. Davis site.

SITE NAME OR SITE NUMBER: George C. Davis

VESSEL NO.: 2210, Inner Village A

VESSEL FORM: Bowl with oval-shaped sides

NON-PLASTICS AND PASTE: grog

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: A (fired and cooled in an oxidizing environment)

INTERIOR SURFACE COLOR: reddish-brown

EXTERIOR SURFACE COLOR: reddish-brown; fire clouds on the body and base

WALL THICKNESS (IN MM): rim, 7.4 mm

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 4.6

ORIFICE DIAMETER (IN CM): 11.6 x 8.6

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 7.6; circular and rounded

ESTIMATED VOLUME (IN LITERS): 0.2

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): Plain

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY (IF KNOWN): Bowles Creek Plain

SITE NAME OR SITE NUMBER: George C. Davis

VESSEL NO.: 3944, 3961-15, 3961-25, 3995-1, 3995-2, 3995-9, Feature 9

VESSEL FORM: Jar

NON-PLASTICS AND PASTE: grog

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-brown; fire clouds on the body

EXTERIOR SURFACE

COLOR: reddish-brown; fire clouds on the rim and body

WALL THICKNESS

(IN MM): rim, 11.7 mm; body, 11.6 mm

INTERIOR SURFACE

TREATMENT: none

EXTERIOR SURFACE

TREATMENT: none

HEIGHT (IN CM):

22.0+

ORIFICE DIAMETER

(IN CM): N/A

DIAMETER AT

BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN

CM) AND SHAPE OF

BASE: N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The vessel rim is decorated with nine horizontal incised lines. The vessel body has at least 14 horizontal rows of fingernail punctations (Figure 7).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY (IF KNOWN): Kiam Incised



Figure 7. Kiam Incised jar from Feature 9 in the WPA excavations at the George C. Davis site.

SITE NAME OR SITE NUMBER: George C. Davis

VESSEL NO.: 5151, Inner Village A

VESSEL FORM: Square bowl (Figure 8)

NON-PLASTICS AND PASTE: grog

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-brown

EXTERIOR SURFACE COLOR: reddish-brown; fire clouds on the rim and body

WALL THICKNESS (IN MM): rim, 7.1 mm

INTERIOR SURFACE

TREATMENT: none

EXTERIOR SURFACE

TREATMENT: none

HEIGHT (IN CM): 10.7

ORIFICE DIAMETER (IN
CM): 15.8

DIAMETER AT BOTTOM
OF RIM OR NECK (IN
CM): 15.8

BASE DIAMETER (IN CM)
AND SHAPE OF BASE:
15.0 x 12.7

ESTIMATED VOLUME (IN
LITERS): 0.7

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The vessel rim is decorated with three horizontal incised lines. The vessel body is covered in a continuous series of diagonal opposed incised lines (Figure 8).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY (IF KNOWN): Dunkin Incised



Figure 8. Dunkin Incised bowl from Inner Village A at the George C. Davis site.

SITE NAME OR SITE NUMBER: George C. Davis

VESSEL NO.: 5897, below Mound A, below Feature 31 and above Feature 37

VESSEL FORM: Bowl

NON-PLASTICS AND PASTE: grog and bone

RIM AND LIP FORM: Direct rim and flat lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark grayish-brown

EXTERIOR SURFACE COLOR: reddish-brown; fire clouds on the rim, body, and base

WALL THICKNESS (IN MM): rim, 7.4 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 5.7

ORIFICE DIAMETER (IN CM): 12.7

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 12.0; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.3

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): the rim panel is decorated with an alternate series of closely-spaced vertical or diagonal engraved lines separated by upper and lower large excised pendant triangles (Figure 9).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY (IF KNOWN): Holly Fine Engraved (see Newell and Krieger 1949:Figure 30c)

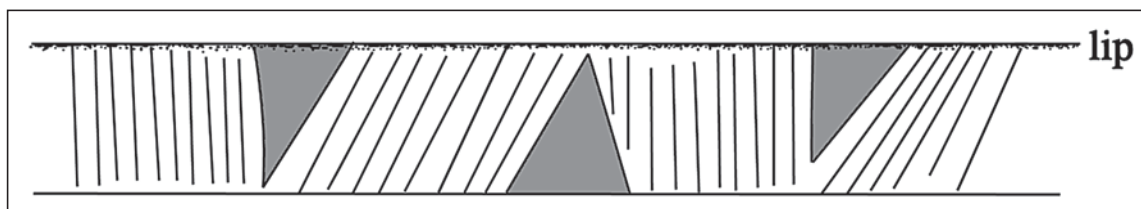


Figure 9. Decorative elements on Holly Fine Engraved bowl below Mound A at the George C. Davis site.

SITE NAME OR SITE NUMBER: George C. Davis

VESSEL NO.: 5915, below Mound A and below Feature 31 and above Feature 37

VESSEL FORM: Carinated bowl

NON-PLASTICS AND PASTE: grog

RIM AND LIP FORM: Direct rim and flat lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: brown; fire clouds on the rim, body, and base

EXTERIOR SURFACE COLOR: reddish-brown; fire clouds on the rim, body, and base

WALL THICKNESS (IN MM): rim, 6.0 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 5.1

ORIFICE DIAMETER (IN CM): 19.6

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 18.2

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 7.6; circular and rounded

ESTIMATED VOLUME (IN LITERS): 0.6

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): the rim panel is decorated with closely-spaced sets of curvilinear to diagonal engraved lines divided by either excised vertical columns (at least eight columns around the vessel rim panel) or large excised pendant triangles (Figure 10).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY (IF KNOWN): Holly Fine Engraved

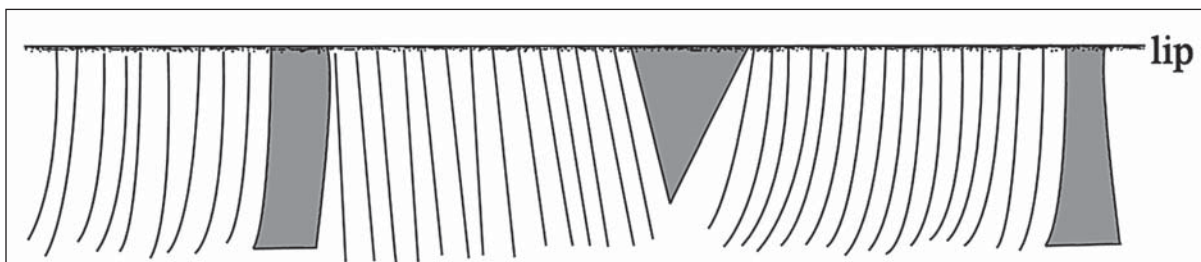


Figure 10. Decorative elements on Holly Fine Engraved carinated bowl from below Mound A at the George C. Davis site.

SITE NAME OR SITE NUMBER: George C. Davis

VESSEL NO.: 5951, 6258, 30, 713, 30521, 30680, 31533, 32597, 34019, 34103, 34406-7, 34411, 34413, 34415, 34417, 34419, 35265, Mound A

VESSEL FORM: possible bowl or carinated bowl

NON-PLASTICS AND PASTE: grog

RIM AND LIP FORM: N/A

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark grayish-brown

EXTERIOR SURFACE COLOR: dark red

WALL THICKNESS (IN MM): body, 7.7 mm

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): N/A

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 10.8, circular and rounded

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The vessel exterior surface has a red slip.

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY (IF KNOWN): Unidentified fine ware

SITE NAME OR SITE NUMBER: George C. Davis

VESSEL NO.: 5966, 4983-3, 4984-23, lower Village A, Feature 33

VESSEL FORM: Jar

NON-PLASTICS AND PASTE: grog

RIM AND LIP FORM: Direct rim and flat lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-brown

EXTERIOR SURFACE COLOR: dark reddish-brown

WALL THICKNESS (IN MM): rim, 7.1 mm; body, 6.7 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the lower body

HEIGHT (IN CM): 17.8

ORIFICE DIAMETER (IN CM): 14.6

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 14.6

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 9.5; square and flat

ESTIMATED VOLUME (IN LITERS): 1.6

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim is decorated with sets of diagonal opposed incised triangle elements. The upper body has 20+ closely-spaced horizontal incised lines (Figure 11).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY (IF KNOWN): Dunkin Incised (see Newell and Krieger 1949:Figure 41c)



Figure 11. Dunkin Incised jar from Feature 33 in Inner Village A at the George C. Davis site.

SITE NAME OR SITE NUMBER: George C. Davis

VESSEL NO.: 6015a, 6023, Feature 42, under Mound A

VESSEL FORM: Compound bowl

NON-PLASTICS AND PASTE: grog

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE

COLOR: reddish-brown;
fire clouds on the rim and
body

EXTERIOR SURFACE

COLOR: reddish-brown;
fire clouds on the rim

WALL THICKNESS (IN
MM): rim, 11.2 mm; body,
10.0 mm

INTERIOR SURFACE

TREATMENT: smoothed
on the rim

EXTERIOR SURFACE

TREATMENT: none

HEIGHT (IN CM): 7.6

ORIFICE DIAMETER (IN CM): 25.4+

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 24.6

BASE DIAMETER (IN CM) AND SHAPE OF BASE: N/A

ESTIMATED VOLUME (IN LITERS): 1.5+

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The upper rim panel of the vessel is decorated with four equally-spaced horizontal incised lines. The lower rim panel has a series of open circles defined by large incised bracket elements filled with tool punctations (Figure 12).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY (IF KNOWN): Crockett Curvilinear Incised (see Newell and Krieger 1949:Figure 37h)



Figure 12. Crockett Curvilinear Incised compound bowl in Feature 42 under Mound A at the George C. Davis site.

SITE NAME OR SITE NUMBER: George C. Davis

VESSEL NO.: 6022, 6028, 6029, 6042

VESSEL FORM: Carinated bowl

NON-PLASTICS AND PASTE: grog

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-brown

EXTERIOR SURFACE COLOR: reddish-brown

WALL THICKNESS (IN MM): rim, 7.2 mm; body, 7.3 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 5.1; rim panel height: 2.5 cm

ORIFICE DIAMETER (IN CM): 26.8+

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 26.8+

BASE DIAMETER (IN CM) AND SHAPE OF BASE: N/A

ESTIMATED VOLUME (IN LITERS): 0.8+

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim panel has sets of closely-spaced vertical or diagonal (pitched from right to left) engraved lines divided by large excised triangles whose apexes either point towards the vessel rim or the vessel carination (Figure 13).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY (IF KNOWN): Holly Fine Engraved
(see Newell and Krieger 1949:Figure 30a)



Figure 13. Holly Fine Engraved carinated bowl from WPA excavations at the George C. Davis site.

SITE NAME OR SITE NUMBER: George C. Davis

VESSEL NO.: 6117, Inner Village A

VESSEL FORM: Carinated bowl

NON-PLASTICS AND PASTE: grog

RIM AND LIP FORM: Direct rim and flat lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-brown

EXTERIOR SURFACE COLOR: reddish-brown

WALL THICKNESS (IN MM): rim, 9.4 mm; body, 9.4 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 30.5+

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 30.5+

BASE DIAMETER (IN CM) AND SHAPE OF BASE: N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim panel has an unknown number of a series of diagonal incised zones filled with tool punctations (Figure 14).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY (IF KNOWN): Pennington Punctated-Incised (see Newell and Krieger 1949: Figure 39g)



Figure 14. Pennington Punctated-Incised carinated bowl from Inner Village A at the George C. Davis site.

SITE NAME OR SITE NUMBER: George C. Davis

VESSEL NO.: 6180

VESSEL FORM: Bottle

NON-PLASTICS AND PASTE: grog

RIM AND LIP FORM: N/A

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark grayish-brown

EXTERIOR SURFACE COLOR: very dark grayish-brown

WALL THICKNESS (IN MM): body, 7.3 mm

INTERIOR SURFACE

TREATMENT: none

EXTERIOR SURFACE

TREATMENT: burnished

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM):
N/A

DIAMETER AT BOTTOM OF
RIM OR NECK (IN CM): 5.7;
maximum body diameter is 15.2
cm

BASE DIAMETER (IN CM)
AND SHAPE OF BASE: N/A

ESTIMATED VOLUME (IN LITERS):
N/A

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The top of the vessel body has nine very closely-spaced horizontal engraved lines, above a series of two rectangular panels divided by another series of horizontal engraved lines. The upper panel features sets of horizontal and diagonal engraved lines, divided by large excised triangles, as well as one area of concentric engraved circles with a central excised circle that is enclosed by four upper or lower excised triangles. The lower panel features a series of diagonal engraved lines divided by excised triangle elements (Figure 15).

PIGMENT USE AND LOCATION ON VESSEL: red pigment in engraved lines

TYPE AND VARIETY (IF KNOWN): Holly Fine Engraved (see Newell and Krieger 1949:Figure 31a)



Figure 15. Holly Fine Engraved bottle from WPA excavations at the George C. Davis site.

SITE NAME OR SITE NUMBER: George C. Davis

VESSEL NO.: 6229, Inner Village A

VESSEL FORM: Jar (body and base section) (Figure 16)

NON-PLASTICS AND PASTE: grog and hematite

RIM AND LIP FORM: N/A

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark grayish-brown

EXTERIOR SURFACE COLOR: reddish-brown

WALL THICKNESS (IN MM): body, 8.3 mm

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): N/A

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 7.6; circular and rounded

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): Plain

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY (IF KNOWN): Bowles Creek Plain



Figure 16. Bowles Creek Plain jar section from Inner Village A at the George C. Davis site.

SITE NAME OR SITE NUMBER: George C. Davis

VESSEL NO.: 30342, Mound A

VESSEL FORM: Bowl

NON-PLASTICS AND PASTE: grog

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark reddish-brown; fire clouds on the body

EXTERIOR SURFACE COLOR: dark reddish-brown; fire clouds on the rim and body

WALL THICKNESS
(IN MM): rim, 6.5 mm

INTERIOR SURFACE
TREATMENT: none

EXTERIOR SURFACE
TREATMENT: none

HEIGHT (IN CM): 7.1

ORIFICE DIAMETER
(IN CM): 15.3

DIAMETER AT BOTTOM
OF RIM OR NECK
(IN CM): N/A

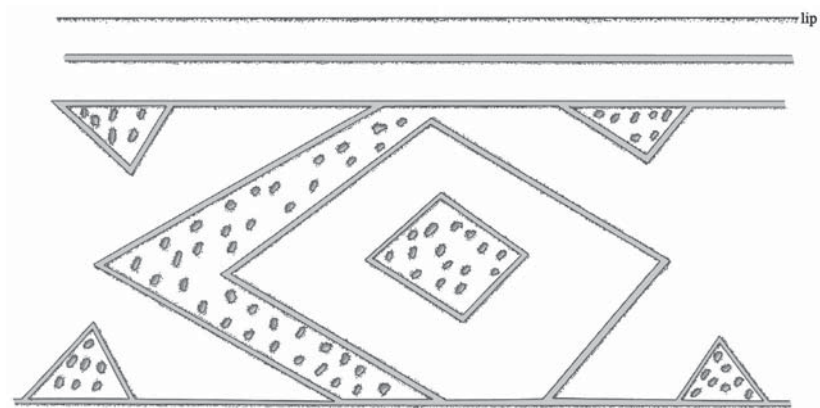


Figure 17. Decorative elements on Pennington Punctated-Incised bowl from Mound A at the George C. Davis site.

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 15.2; circular and rounded

ESTIMATED VOLUME (IN LITERS): 0.4

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The upper part of the vessel has two horizontal incised lines, while the remainder of the vessel has four incised diamond-shaped elements filled with tool punctations. The central part of each diamond also has a smaller incised-punctated diamond element. Dividers between the incised-punctated diamond elements are a series of four upper and lower incised pendant triangles filled with tool punctations (Figure 17).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY (IF KNOWN): Pennington Punctated-Incised (Newell and Krieger 1949:Figure 39d)

SITE NAME OR SITE NUMBER: George C. Davis

VESSEL NO.: 30691-2, 30664, 30689, Inner Village A

VESSEL FORM: Jar

NON-PLASTICS AND PASTE: grog and hematite

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-brown

EXTERIOR SURFACE COLOR: reddish-brown; fire clouds on the rim and body

WALL THICKNESS (IN MM): rim, 6.2 mm

INTERIOR SURFACE TREATMENT: smoothed on the body

EXTERIOR SURFACE TREATMENT: smoothed on the body

HEIGHT (IN CM): 13.3

ORIFICE DIAMETER (IN CM): 15.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 15.0

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 7.0; circular and flat

ESTIMATED VOLUME (IN LITERS): 1.2

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim is decorated with three horizontal neck banded coils.

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY (IF KNOWN): Duren Neck Banded (see Newell and Krieger 1949:Figure 40c)

SITE NAME OR SITE NUMBER: George C. Davis

VESSEL NO.: 30917-33525, Inner Village A

VESSEL FORM: Jar

NON-PLASTICS AND PASTE: bone

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR:
reddish-brown

EXTERIOR SURFACE COLOR:
reddish-brown; fire clouds on the
rim and body

WALL THICKNESS (IN MM):
rim, 5.8 mm

INTERIOR SURFACE
TREATMENT: none

EXTERIOR SURFACE
TREATMENT: none

HEIGHT (IN CM): 8.0

ORIFICE DIAMETER (IN CM): 8.3

DIAMETER AT BOTTOM OF RIM
OR NECK (IN CM): 8.3

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 3.1, circular and rounded

ESTIMATED VOLUME (IN LITERS): 0.4

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The vessel rim has two horizontal rows of crescent-shaped fingernail punctations divided by a single horizontal incised line. The vessel body is decorated with eight horizontal rows of closely-spaced tool punctations that extend from just below the rim-body juncture to just above the vessel base (Figure 18).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY (IF KNOWN): Weches Fingernail Impressed, *var. Weches*



Figure 18. Weches Fingernail Impressed, *var. Weches* jar from Inner Village A at the George C. Davis site.

SITE NAME OR SITE NUMBER: George C. Davis

VESSEL NO.: 33263-33265

VESSEL FORM: Bottle

NON-PLASTICS AND PASTE: grog

RIM AND LIP FORM: N/A

CORE COLOR: H (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-brown; fire clouds on the base

EXTERIOR SURFACE COLOR: very dark grayish-brown (slip)

WALL THICKNESS (IN MM): body, 6.4 mm; base, 7.8 mm

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): N/A

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 12.7

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 9.5; circular and flat

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The vessel body is decorated with a series of horizontal and diagonal engraved lines that are divided by large embedded excised triangles, as well as a series of concentric circle elements (Figure 19).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY (IF KNOWN): Holly Fine Engraved



Figure 19. Holly Fine Engraved bottle from WPA excavations at the George C. Davis site.

SITE NAME OR SITE NUMBER: George C. Davis

VESSEL NO.: 33265, Inner Village A

VESSEL FORM: Bottle

NON-PLASTICS AND PASTE: grog

RIM AND LIP FORM: N/A

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-brown

EXTERIOR SURFACE COLOR:
reddish-brown to dark brown

WALL THICKNESS (IN MM):
neck, 5.1 mm; body, 6.9 mm

INTERIOR SURFACE
TREATMENT: none

EXTERIOR SURFACE
TREATMENT: burnished

HEIGHT (IN CM): N/A

ORIFICE
DIAMETER (IN
CM): N/A

DIAMETER AT
BOTTOM OF
RIM OR NECK
(IN CM): 10.4

BASE DIAMETER (IN CM) AND SHAPE OF BASE: N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The upper part of the vessel body is decorated with seven horizontal engraved lines (Figure 20).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY (IF KNOWN): Hickory Engraved



Figure 20. Hickory Engraved bottle neck section from Inner Village A at the George C. Davis site.

SITE NAME OR SITE NUMBER: George C. Davis

VESSEL NO.: 33742, 33747, 33733-734, 33783, Mound A

VESSEL FORM: Bowl

NON-PLASTICS AND PASTE: grog

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: A (fired and cooled in an oxidizing environment)

INTERIOR SURFACE COLOR: reddish-brown

EXTERIOR SURFACE COLOR: reddish-brown; fire clouds on the body and base

WALL THICKNESS (IN MM): rim, 5.6 mm

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 8.9

ORIFICE DIAMETER (IN CM): 19.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 11.5; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.7

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): Plain; there are, however, possible traces of an exterior red slip on the vessel.

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY (IF KNOWN): Bowles Creek Plain (see Newell and Krieger 1949:Figure 47c)

SITE NAME OR SITE NUMBER: George C. Davis

VESSEL NO.: 34417, Inner Village A

VESSEL FORM: Bottle

NON-PLASTICS AND PASTE: grog

RIM AND LIP FORM: Inverted rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark reddish-brown

EXTERIOR SURFACE COLOR:
dark reddish-brown

WALL THICKNESS (IN MM):
rim, 6.9 mm; body, 6.7 mm

INTERIOR SURFACE
TREATMENT: none

EXTERIOR SURFACE
TREATMENT: burnished

HEIGHT (IN CM): N/A

ORIFICE DIAMETER
(IN CM): 7.0

DIAMETER AT BOTTOM
OF RIM OR NECK (IN CM):
10.8; maximum body diameter
is 22.2 cm

BASE DIAMETER (IN CM)
AND SHAPE OF BASE: N/A

ESTIMATED VOLUME
(IN LITERS): N/A

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The top of the bottle neck is decorated with six closely-spaced horizontal engraved lines. The top of the vessel body has eight horizontal engraved lines (Figure 21).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY (IF KNOWN): Hickory Engraved (see Newell and Krieger 1949:Figure 33a)



Figure 21. Hickory Engraved bottle section from Inner Village A at the George C. Davis site.

SITE NAME OR SITE NUMBER: George C. Davis

VESSEL NO.: 34626, 6548, 34702

VESSEL FORM: Bottle

NON-PLASTICS AND PASTE: grog

RIM AND LIP FORM: N/A

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-brown; fire clouds on the body

EXTERIOR SURFACE
COLOR: dark reddish-brown;
fire clouds on the body

WALL THICKNESS
(IN MM): body, 7.0 mm

INTERIOR SURFACE
TREATMENT: none

EXTERIOR SURFACE
TREATMENT: burnished

HEIGHT (IN CM): N/A

ORIFICE DIAMETER
(IN CM): N/A

DIAMETER AT BOTTOM OF
RIM OR NECK (IN CM): N/A;
maximum body diameter is 15.2 cm

BASE DIAMETER (IN CM) AND SHAPE OF BASE: N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The upper part of the vessel body is decorated with 15 closely-spaced horizontal engraved lines, while the lower part of the vessel body has three widely-spaced horizontal engraved lines. The panel between has a series of diagonal opposed engraved lines with large embedded excised triangles and ovals (Figure 22).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY (IF KNOWN): Holly Fine Engraved



Figure 22. Holly Fine Engraved bottle section from WPA excavations at the George C. Davis site.

SITE NAME OR SITE NUMBER: George C. Davis

VESSEL NO.: No Number; Inner Village, Feature 5

VESSEL FORM: Carinated bowl

NON-PLASTICS AND PASTE: grog

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-brown; fire clouds on the body

EXTERIOR SURFACE COLOR: reddish-brown; fire clouds on the body

WALL THICKNESS (IN MM): rim, 7.6 mm; body, 7.1 mm

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed on the body

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 28.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 28.0

BASE DIAMETER (IN CM) AND SHAPE OF BASE: N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The vessel rim is decorated with an unknown number of diagonal incised zones filled with small circular punctations (Figure 23).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY (IF KNOWN): Pennington Punctated-Incised



Figure 23. Pennington Punctated-Incised carinated bowl rim section from Feature 5 in the Inner Village at the George C. Davis site.

SITE NAME OR SITE NUMBER: George C. Davis

VESSEL NO.: No Number, Feature 5, Inner Village

VESSEL FORM: Carinated bowl

NON-PLASTICS AND PASTE: grog

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-brown; fire clouds on the body

EXTERIOR SURFACE COLOR: reddish-brown; fire clouds on the body

WALL THICKNESS (IN MM): rim, 8.9 mm; body, 8.4 mm

INTERIOR
SURFACE
TREATMENT:
none

EXTERIOR
SURFACE
TREATMENT:
none

HEIGHT
(IN CM): N/A

ORIFICE
DIAMETER
(IN CM): 27.8+



Figure 24. Pennington Punctated-Incised carinated bowl rim section from Feature 5 in the Inner Village at the George C. Davis site.

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 27.8+

BASE DIAMETER (IN CM) AND SHAPE OF BASE: N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim panel is decorated with single horizontal incised lines under the vessel lip and above the carination. Between these incised lines are an unknown number of connected upper and lower incised pendant triangles filled with small circular punctations. The open space between the incised pendant triangles is diamond-shaped (Figure 24).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY (IF KNOWN): Pennington Punctated-Incised (see Newell and Krieger 1949: Figure 39e)

SITE NAME OR SITE NUMBER: George C. Davis

VESSEL NO.: No Number, Inner Village A, Feature 5

VESSEL FORM: Carinated bowl

NON-PLASTICS AND PASTE: grog

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark reddish-brown; fire clouds on the body and base

EXTERIOR SURFACE COLOR: reddish-brown; fire clouds on the rim, body, and base

WALL THICKNESS (IN MM): rim, 10.2 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the body

HEIGHT (IN CM): 12.7

ORIFICE DIAMETER (IN CM): 43.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 43.0

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 9.6; circular and flat

ESTIMATED VOLUME (IN LITERS): 3.3

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim of the vessel is decorated with 10 upper and 10 lower large incised pendant triangles filled with rows of cane punctations (Figure 25).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY (IF KNOWN): Pennington Punctated-Incised (see Newell and Krieger 1949:Figure 39a)

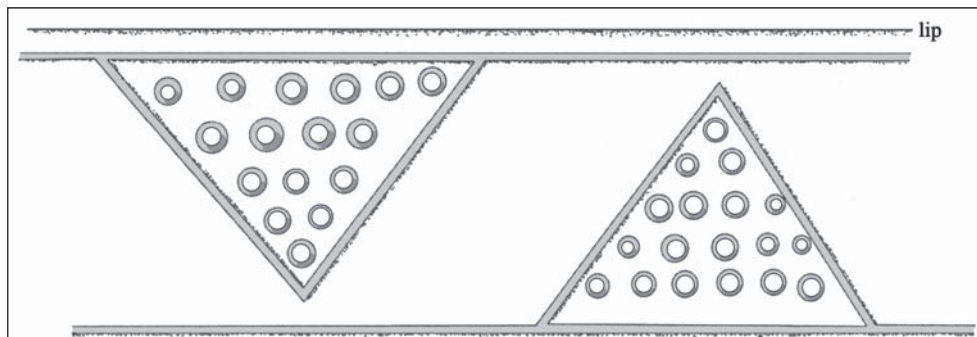


Figure 25. Decorative elements on Pennington Punctated-Incised carinated bowl from Feature 5 in Inner Village A at the George C. Davis site.

SITE NAME OR SITE NUMBER: George C. Davis

VESSEL NO.: No Number, Inner Village A, Feature 5

VESSEL FORM: Carinated bowl

NON-PLASTICS AND PASTE: grog

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-brown

EXTERIOR SURFACE COLOR: reddish-brown; fire clouds on the rim and body

WALL THICKNESS (IN MM): rim, 8.1 mm

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 8.9

ORIFICE DIAMETER (IN CM): 34.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 33.8

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 9.5; circular and flat

ESTIMATED VOLUME (IN LITERS): 1.8

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim panel is decorated with a series of closely-spaced vertical and diagonal (pitched from right to left) engraved lines separated by seven upper and seven lower large excised pendant triangles (Figure 26).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY (IF KNOWN): Holly Fine Engraved

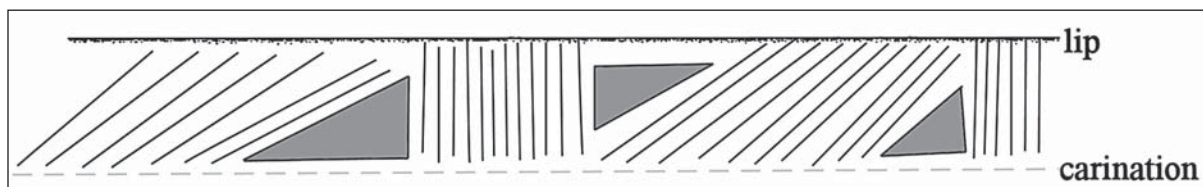


Figure 26. Decorative elements on Holly Fine Engraved carinated bowl in Feature 5 in Inner Village A at the George C. Davis site.

1968-1970 University of Texas Excavations

The University of Texas excavations at the George C. Davis site between 1968-1970 focused on village areas, Mound B (built ca. A.D. 1200), and Mound C, the burial mound at the site (Story 1997, 1998). Ceramic vessels were recovered in several burial features in Mound C: two vessels each from Feature 119 (four adults) and Feature 155 (one adult) in Stage II; one vessel in Feature 152 (two adults, one juvenile, and one child) in either Stage III or Stage IV; one vessel in Feature 154 in Stage IV; and one or two vessels in three burial features (Feature 106, Feature 107, and Feature 156) in Stage V of the mound. Two vessels were recovered in the Mound B excavations, one in the fill, and the other from sub-mound contexts.

SITE NAME OR SITE NUMBER: George C. Davis

VESSEL NO.: 101, Mound C, Stage V, Feature 106

VESSEL FORM: Jar with scalloped edges and five rim peaks

NON-PLASTICS AND PASTE: grog

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark grayish-brown

EXTERIOR SURFACE COLOR: reddish-brown; fire clouds on the rim, body, and base

WALL THICKNESS (IN MM): rim, 5.1 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished on the rim

HEIGHT (IN CM): 7.0

ORIFICE DIAMETER (IN CM): 7.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 7.4

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 5.7; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.3

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): Under each rim peak on the rim of the vessel are five separate oval-shaped zones filled with cross-hatched engraved lines. The vessel body is decorated with four concentric circles of pinched ridges.

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY (IF KNOWN): Unidentified fine ware

SITE NAME OR SITE NUMBER: George C. Davis

VESSEL NO.: 361, Mound C, Stage V, Feature 107

VESSEL FORM: Bottle with a long neck

NON-PLASTICS AND PASTE: grog

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR:
very dark grayish-brown

EXTERIOR SURFACE COLOR:
very dark grayish-brown; black slip;
fire clouds on the rim and body

WALL THICKNESS (IN MM):
rim, 6.2 mm

INTERIOR SURFACE
TREATMENT: none

EXTERIOR SURFACE
TREATMENT: burnished

HEIGHT (IN CM): 23.0

ORIFICE DIAMETER
(IN CM): 3.4

DIAMETER AT BOTTOM OF RIM
OR NECK (IN CM): 5.0;
maximum body diameter is 13.0 cm

BASE DIAMETER (IN CM) AND
SHAPE OF BASE: 8.3; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.8

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): There are five closely-spaced horizontal engraved lines at the top of the bottle neck. The vessel body has a series of six engraved concentric circles with a central excised circle. These concentric circles are set between four upper and two lower horizontal engraved lines with sets of four large excised pendant triangles on the upper and lower sides of the concentric circles (Figure 27).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY (IF KNOWN): Holly Fine Engraved

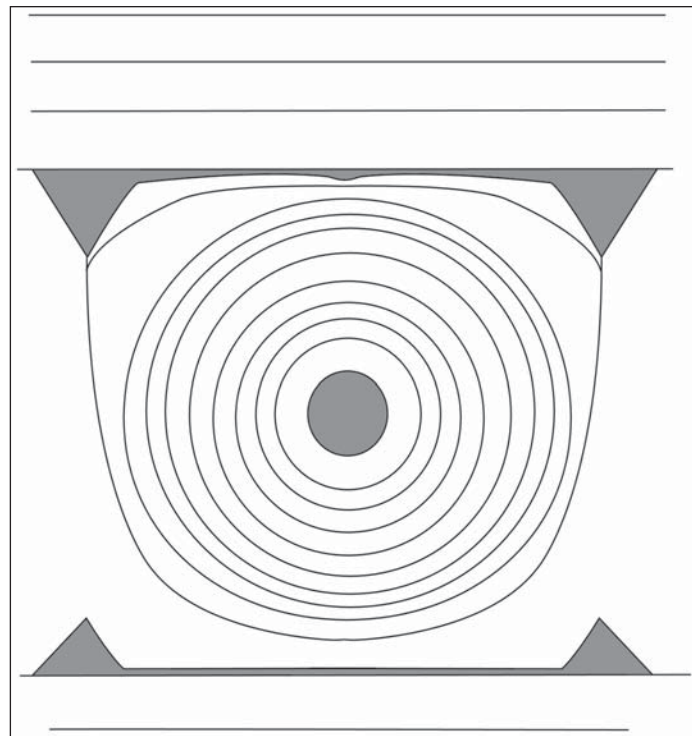


Figure 27. Decorative elements on Holly Fine Engraved bottle from Feature 107, Mound C, at the George C. Davis site.

SITE NAME OR SITE NUMBER: George C. Davis

VESSEL NO.: 362, Mound C, Stage V, Feature 107

VESSEL FORM: Miniature barrel-shaped bowl (Figure 28)

NON-PLASTICS AND PASTE: grog

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: brown

EXTERIOR SURFACE COLOR: brown

WALL THICKNESS (IN MM):
rim, 5.6 mm

INTERIOR SURFACE
TREATMENT: none

EXTERIOR SURFACE
TREATMENT: burnished

HEIGHT (IN CM): 6.4

ORIFICE DIAMETER
(IN CM): 3.7

DIAMETER AT BOTTOM OF
RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM)
AND SHAPE OF BASE: 3.7;
circular and flat

ESTIMATED VOLUME (IN LITERS): 0.1

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The top of the vessel has three horizontal engraved lines. The remainder of the vessel is decorated with opposed sets of diagonal engraved lines as well as concentric semi-circles with small central excised semi-circles or circles. There are also embedded large excised triangles between the diagonal and concentric semi-circle elements (Figure 28).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY (IF KNOWN): Holly Fine Engraved



Figure 28. Holly Fine Engraved barrel-shaped bowl in Feature 107, Mound C, at the George C. Davis site.

SITE NAME OR SITE NUMBER: George C. Davis

VESSEL NO.: 424-21, Mound C, Stage II, Feature 119

VESSEL FORM: Bowl

NON-PLASTICS AND PASTE: grog

RIM AND LIP FORM: Direct rim and very flat and wide lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark grayish-brown

EXTERIOR SURFACE COLOR: very dark grayish-brown; black slip

WALL THICKNESS (IN MM): rim, 7.0 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 12.1

ORIFICE DIAMETER (IN CM): 18.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 8.9; circular and rounded

ESTIMATED VOLUME (IN LITERS): 0.9

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The lip of the vessel is decorated with 20 excised triangle elements. The vessel itself has six sets of closely-spaced vertical, diagonal, or semi-circular engraved lines divided by large excised triangles, semi-circles, or large rectangular excised areas (Figure 29).

PIGMENT USE AND LOCATION ON VESSEL: red clay pigment in engraved lines

TYPE AND VARIETY (IF KNOWN): Holly Fine Engraved

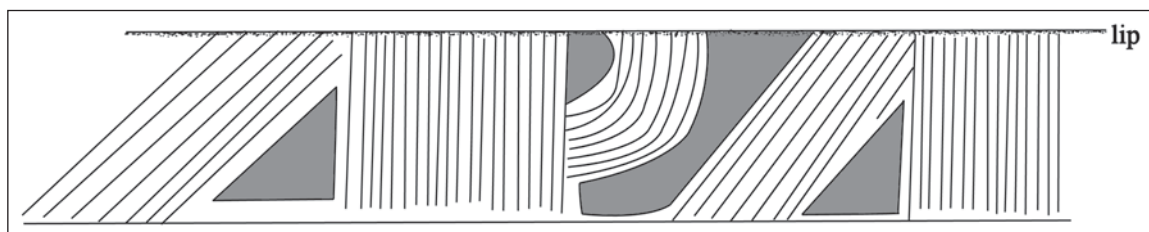


Figure 29. Decorative elements on Holly Fine Engraved bowl from Feature 119, Mound C, at the George C. Davis site.

SITE NAME OR SITE NUMBER: George C. Davis

VESSEL NO.: 424-43, Mound C, Stage II, Feature 119

VESSEL FORM: Jar

NON-PLASTICS AND PASTE: grog

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark reddish-brown; fire clouds on the rim and body

EXTERIOR SURFACE COLOR: dark reddish-brown; fire clouds on the rim and body

WALL THICKNESS (IN MM): rim, 6.7 mm

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 9.5

ORIFICE DIAMETER (IN CM): 8.9

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 9.0

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 6.4; circular and rounded

ESTIMATED VOLUME (IN LITERS): 0.5

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The vessel rim is decorated with a series of horizontal and vertical lines with rectangular or triangle-shaped excised areas pendant from the lip or the horizontal and vertical line elements (Figure 30).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY (IF KNOWN): Holly Fine Engraved

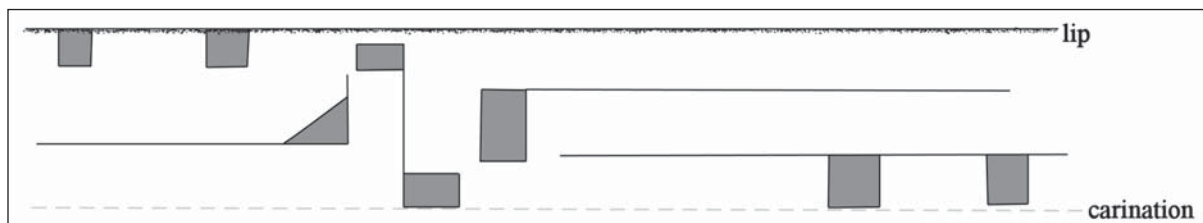


Figure 30. Decorative elements on Holly Fine Engraved jar from Feature 119, Mound C, at the George C. Davis site.

SITE NAME OR SITE NUMBER: George C. Davis

VESSEL NO.: 472A, Mound B fill

VESSEL FORM: Bottle

NON-PLASTICS AND PASTE: grog

RIM AND LIP FORM: Missing

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: black

EXTERIOR SURFACE COLOR: black; black slip

WALL THICKNESS (IN MM): neck, 7.6 mm;
body, 8.1 mm

INTERIOR SURFACE TREATMENT:
none

EXTERIOR SURFACE
TREATMENT: burnished

HEIGHT (IN CM): 30.8+

ORIFICE DIAMETER (IN
CM): 10.2

DIAMETER AT BOTTOM OF
RIM OR NECK (IN CM): 10.8;
maximum body diameter is 27.7
cm

BASE DIAMETER (IN CM)
AND SHAPE OF BASE: 10.2;
circular and rounded

ESTIMATED VOLUME
(IN LITERS): 1.3+

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The remnant of the bottle neck has at least one horizontal engraved line on it. The vessel body has 16 horizontal engraved lines at the upper body—the bottom line has been deeply excised—and 11 horizontal engraved lines at the base of the vessel body. Between these sets of horizontal engraved lines are an unknown series of diagonal opposed engraved lines divided by large excised triangles, engraved concentric semi-circles with an inner excised semi-circle, and sets of engraved concentric circles with an inner excised circle element (Figure 31).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY (IF KNOWN): Holly Fine Engraved



Figure 31. Holly Fine Engraved bottle from the fill of Mound B at the George C. Davis site.

SITE NAME OR SITE NUMBER: George C. Davis

VESSEL NO.: 472B, Sub-mound fill, Mound B

VESSEL FORM: Jar

NON-PLASTICS AND PASTE: grog

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-brown; fire clouds on the base

EXTERIOR SURFACE COLOR: reddish-brown; fire clouds on the rim and body

WALL THICKNESS (IN MM): rim, 7.2 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the body

HEIGHT (IN CM): 28.4

ORIFICE DIAMETER (IN CM): 15.7

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 15.7

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 8.9; circular and flat

ESTIMATED VOLUME (IN LITERS): 5.8

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim is decorated with 13 horizontal incised lines.

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY (IF KNOWN): Davis Incised

SITE NAME OR SITE NUMBER: George C. Davis

VESSEL NO.: 2015-1, Mound C, Stage IV, Feature 154

VESSEL FORM: Bottle

NON-PLASTICS AND PASTE: grog

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark grayish-brown

EXTERIOR SURFACE COLOR: very dark grayish-brown; fire clouds on the rim and body

WALL THICKNESS (IN MM): rim, 5.5 mm

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 15.2

ORIFICE DIAMETER (IN CM): 2.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 4.2; maximum body diameter is 7.9 cm

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 4.3; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.3

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The vessel is decorated with four horizontal engraved lines at the top of the vessel body.

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY (IF KNOWN): Hickory Engraved

SITE NAME OR SITE NUMBER: George C. Davis

VESSEL NO.: 2097-1, Mound C, Stage II, Feature 155

VESSEL FORM: Bottle

NON-PLASTICS AND PASTE: grog

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark grayish-brown

EXTERIOR SURFACE COLOR: black; slip

WALL THICKNESS
(IN MM): rim, 4.4 mm

INTERIOR SURFACE
TREATMENT: none

EXTERIOR SURFACE
TREATMENT: burnished

HEIGHT (IN CM): 20.3

ORIFICE DIAMETER
(IN CM): 4.2

DIAMETER AT BOTTOM
OF RIM OR NECK (IN CM):
6.4; maximum body
diameter is 12.0 cm



Figure 32. Decorative elements on Holly Fine Engraved bottle in Feature 155, Mound C, at the George C. Davis site.

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 6.5; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.5

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The top of the bottle neck is decorated with 11 horizontal engraved lines, one line deeper engraved than the others. The top of the vessel body has 20 horizontal engraved lines—one line engraved deeper than the others—and the bottom of the vessel body has 13 horizontal engraved lines, and one line is engraved deeper than the others. The remainder of the vessel body has a nested series of diagonal and diagonal opposed engraved lines, upper and lower sets of concentric semi-circles with an inner excised semi-circle, and two diamond-shaped zones filled with concentric circles, a central inner excised circle, and a continuous excised zone that fills the area between the outer diamond-shaped engraved lines and the concentric circles (Figure 32).

PIGMENT USE AND LOCATION ON VESSEL: red pigment in the engraved lines

TYPE AND VARIETY (IF KNOWN): Holly Fine Engraved

SITE NAME OR SITE NUMBER: George C. Davis

VESSEL NO.: 2097-14, Mound C, Stage II, Feature 155

VESSEL FORM: Carinated bowl

NON-PLASTICS AND PASTE: grog

RIM AND LIP FORM: Direct rim and flat lip

CORE COLOR: H (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark reddish-brown; fire clouds on the rim and body

EXTERIOR SURFACE COLOR: very dark grayish-brown; fire clouds on the rim, body, and base

WALL THICKNESS (IN MM): rim, 7.0 mm

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 6.4

ORIFICE DIAMETER (IN CM): 28.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 28.0

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 8.9; circular and rounded

ESTIMATED VOLUME (IN LITERS): 1.1

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim panel is decorated with 16 alternating sets of diagonal and vertical lines that are divided by upper and lower large excised pendant triangles (Figure 33).

PIGMENT USE AND LOCATION ON VESSEL: red pigment in engraved lines; traces of green glauconitic clay pigment on the interior vessel surface

TYPE AND VARIETY (IF KNOWN): Holly Fine Engraved

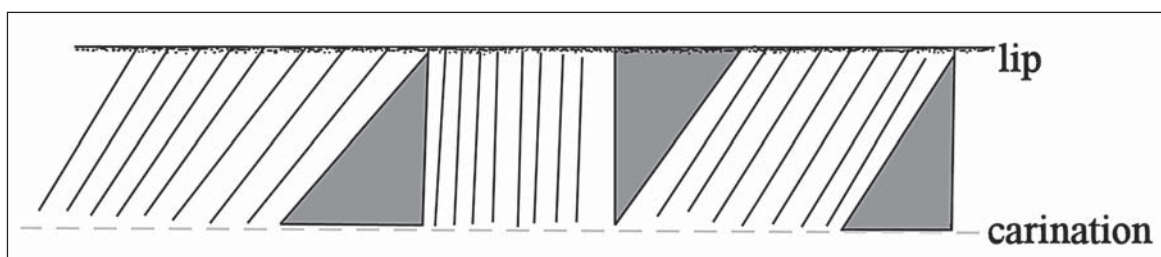


Figure 33. Decorative elements on Holly Fine Engraved carinated bowl in Feature 155, Mound C, at the George C. Davis site.

SITE NAME OR SITE NUMBER: George C. Davis

VESSEL NO.: 3014

VESSEL FORM: Carinated bowl

NON-PLASTICS AND PASTE: grog

RIM AND LIP FORM: Direct rim and flat lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark grayish-brown; fire clouds on the body

EXTERIOR SURFACE COLOR: very dark grayish-brown; fire clouds on the body

WALL THICKNESS (IN MM): rim, 8.6 mm; body, 8.6 mm

INTERIOR SURFACE

TREATMENT: smoothed

EXTERIOR SURFACE

TREATMENT: burnished

HEIGHT (IN CM): 5.7

ORIFICE DIAMETER

(IN CM): 19.8+

DIAMETER AT BOTTOM

OF RIM OR NECK

(IN CM): 19.6+

BASE DIAMETER

(IN CM) AND SHAPE OF

BASE: 8.9; circular and rounded

ESTIMATED VOLUME

(IN LITERS): 0.7+

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim panel is decorated with an unknown number of alternating sets of vertical or diagonal (pitched from right to left) engraved lines that are divided by large upper and lower excised triangle elements.

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY (IF KNOWN): Holly Fine Engraved



Figure 34. Holly Fine Engraved carinated bowl section from 1968-1970 UT excavations at the George C. Davis site.

SITE NAME OR SITE NUMBER: George C. Davis

VESSEL NO.: 3070-1, Mound C, Stage III or IV, Feature 152

VESSEL FORM: Bowl

NON-PLASTICS AND PASTE: grog and hematite

RIM AND LIP FORM: Inverted rim and rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark grayish-brown; fire clouds on the body

EXTERIOR SURFACE COLOR: reddish-brown; fire clouds on the rim and body

WALL THICKNESS (IN MM): rim, 5.7 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 5.1

ORIFICE DIAMETER (IN CM): 8.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 5.1; circular and rounded

ESTIMATED VOLUME (IN LITERS): 0.2

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The top part of the vessel is decorated with five horizontal engraved lines.

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY (IF KNOWN): Hickory Engraved

SITE NAME OR SITE NUMBER: George C. Davis

VESSEL NO.: 4020, Mound C, Stage V, Feature 156

VESSEL FORM: Bottle with long neck and carinated body

NON-PLASTICS AND PASTE: grog

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-brown

EXTERIOR SURFACE
COLOR: reddish-brown

WALL THICKNESS (IN
MM): rim, 5.9 mm

INTERIOR SURFACE
TREATMENT: none

EXTERIOR SURFACE
TREATMENT: burnished

HEIGHT (IN CM): 24.3

ORIFICE DIAMETER (IN
CM): 3.8

DIAMETER AT BOTTOM
OF RIM OR NECK (IN
CM): 6.1; maximum body
diameter is 15.0 cm

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 7.0; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.7

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): There are eight horizontal engraved lines at the top of the bottle neck. The vessel body has four horizontal engraved lines at the top of the body and three horizontal engraved lines above the vessel base. The remainder of the vessel body is decorated with sets of diagonal opposed engraved lines and six upper and lower sets of nested triangles with concentric semi-circular lines, one or two triangular-shaped excised corners, and a single inner excised semi-circle (Figure 35).

PIGMENT USE AND LOCATION ON VESSEL: white clay pigment in the engraved lines

TYPE AND VARIETY (IF KNOWN): Holly Fine Engraved

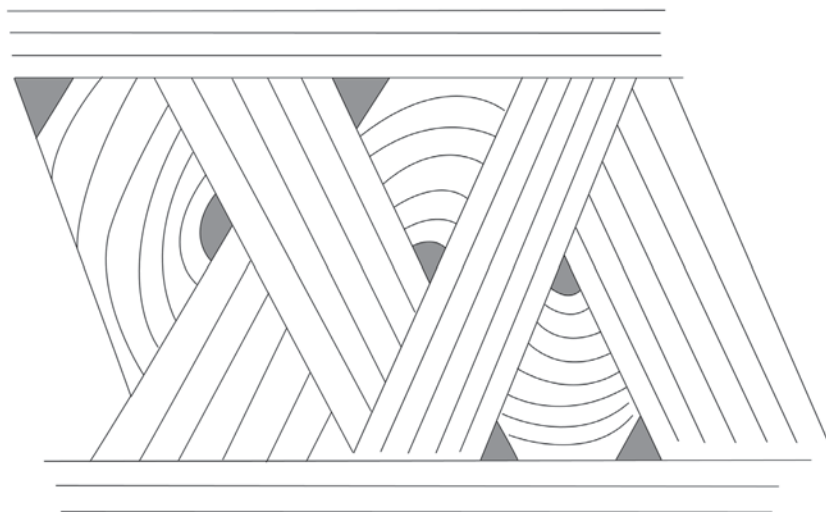


Figure 35. Decorative elements on Holly Fine Engraved bottle in Feature 156, Mound C, at the George C. Davis site.

1978 University of Texas Excavations

The vessels in the 1978 excavations at the George C. Davis site are reconstructed from the more than 1370 sherds in the fill of a large trash pit in the village area (Thurmond and Kleinschmidt 1979:15-17).

SITE NAME OR SITE NUMBER: George C. Davis

VESSEL NO.: 4332, 4341, 4342-65, 85, 96, 197-199, 253-254, 308, 399, 572, 640, Feature 193-1, Unit 62

VESSEL FORM: Jar

NON-PLASTICS AND PASTE: grog

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-brown; fire clouds on the rim and body

EXTERIOR SURFACE COLOR: reddish-brown; fire clouds on the rim and body

WALL THICKNESS (IN MM): rim, 6.0 mm; body, 8.1 mm; base, 9.5 mm

INTERIOR SURFACE TREATMENT: smoothed on the rim

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 14.8

ORIFICE DIAMETER (IN CM): 11.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.2

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 7.6; circular and flat (?)

ESTIMATED VOLUME (IN LITERS): 1.0

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): Plain

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY (IF KNOWN): Bowles Creek Plain

SITE NAME OR SITE NUMBER: George C. Davis

VESSEL NO.: 43442-640, Feature 193-1

VESSEL FORM: Jar (body and base section)

NON-PLASTICS AND PASTE: grog

RIM AND LIP FORM: N/A

CORE COLOR: A (fired and cooled in an oxidizing environment)

INTERIOR SURFACE COLOR: reddish-brown

EXTERIOR SURFACE COLOR: reddish-brown

WALL THICKNESS
(IN MM): body, 8.1 mm

INTERIOR SURFACE
TREATMENT: smoothed

EXTERIOR SURFACE
TREATMENT: none

HEIGHT (IN CM): N/A

ORIFICE DIAMETER
(IN CM): N/A

DIAMETER AT BOTTOM
OF RIM OR NECK
(IN CM): N/A

BASE DIAMETER (IN CM) AND
SHAPE OF BASE: 12.1; circular and flat

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The vessel body has closely-spaced vertical incised lines that extend from the rim-body juncture to the vessel base (Figure 36).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY (IF KNOWN): Dunkin Incised (see Newell and Krieger 1949:Figure 43a, c, f)



Figure 36. Dunkin Incised jar vessel section in Feature 193-1 at the George C. Davis site.

SITE NAME OR SITE NUMBER: George C. Davis

VESSEL NO.: 4342-650, 652, 662, 692, Unit 62, Feature 193-1

VESSEL FORM: Bowl

NON-PLASTICS AND PASTE: grog

RIM AND LIP FORM: Direct rim and flat, beveled lip (beveled from front to back)

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: black

EXTERIOR SURFACE COLOR: black

WALL THICKNESS (IN MM): rim, 8.1 mm

INTERIOR SURFACE
TREATMENT: smoothed

EXTERIOR SURFACE
TREATMENT: burnished

HEIGHT (IN CM): N/A

ORIFICE DIAMETER
(IN CM): 15.9+

DIAMETER AT BOTTOM
OF RIM OR NECK
(IN CM): 15.9+

BASE DIAMETER
(IN CM) AND SHAPE
OF BASE: N/A

ESTIMATED VOLUME
(IN LITERS): N/A

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The upper part of the vessel has a series of closely-spaced and alternating vertical or diagonal (pitched from left to right) engraved lines. These sets of engraved lines are divided by large excised pendant triangles. Below these decorative elements are four widely-spaced horizontal engraved lines (Figure 37).

PIGMENT USE AND LOCATION ON VESSEL: red pigment in the engraved lines

TYPE AND VARIETY (IF KNOWN): Holly Fine Engraved



Figure 37. Holly Fine Engraved vessel section in Feature 193-1 at the George C. Davis site.

SITE NAME OR SITE NUMBER: George C. Davis

VESSEL NO.: 4711, 4712, 4714, 4758, Feature 193-1

VESSEL FORM: Barrel-shaped bowl

NON-PLASTICS AND PASTE: grog

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: H (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-brown

EXTERIOR SURFACE
COLOR: black; slip

WALL THICKNESS
(IN MM): rim, 7.7 mm

INTERIOR SURFACE
TREATMENT: burnished

EXTERIOR SURFACE
TREATMENT: burnished

HEIGHT (IN CM): N/A

ORIFICE DIAMETER
(IN CM): 13.4

DIAMETER AT BOTTOM
OF RIM OR NECK
(IN CM): 13.0

BASE DIAMETER (IN CM) AND SHAPE OF BASE: N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The upper part of the vessel has three horizontal engraved lines. The remainder of the vessel has a series of alternating diagonal (pitched right to left), vertical, and semi-circular engraved lines; the set of semi-circular lines have at their center a small excised circle. Between these sets of lines are large excised triangles and large rectangular zones (Figure 38).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY (IF KNOWN): Holly Fine Engraved



Figure 38. Holly Fine Engraved barrel-shaped bowl vessel section from 1978 UT excavations at the George C. Davis site.

Miscellaneous

SITE NAME OR SITE NUMBER: George C. Davis

VESSEL NO.: III-B-3-b

VESSEL FORM: Bottle

NON-PLASTICS AND PASTE: grog

RIM AND LIP FORM: N/A

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark grayish-brown

EXTERIOR SURFACE COLOR:
reddish-brown; fire clouds on the body

WALL THICKNESS
(IN MM): body, 8.4 mm

INTERIOR SURFACE
TREATMENT: none

EXTERIOR SURFACE
TREATMENT: burnished

HEIGHT (IN CM): N/A

ORIFICE DIAMETER
(IN CM): N/A

DIAMETER AT BOTTOM
OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM)
AND SHAPE OF BASE: N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The top of the vessel body has three horizontal engraved lines. The remainder of the body has two rectangular engraved panels divided by a set of five horizontal engraved lines. The upper panel has sets of diagonal (pitched both right to left and left to right), semi-circular, and vertical engraved lines divided by large excised pendant triangles. Also in this upper panel is a nested set of concentric circles with a small inner excised circle; there are large excised pendant triangles on the upper and lower sides of the concentric circles. The lower panel has concentric circles, with upper excised triangles, and horizontal engraved lines (Figure 39).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY (IF KNOWN): Holly Fine Engraved



Figure 39. Holly Fine Engraved bottle section from the George C. Davis site.

SITE NAME OR SITE NUMBER: George C. Davis

VESSEL NO.: No Number; donated by L. J. Fisher in 1945

VESSEL FORM: Bowl

NON-PLASTICS AND PASTE: grog

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark grayish-brown

EXTERIOR SURFACE COLOR: reddish-brown; fire clouds on the rim

WALL THICKNESS (IN MM): rim, 9.7 mm

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 8.0

ORIFICE DIAMETER (IN CM): 35.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM) AND SHAPE OF BASE: N/A

ESTIMATED VOLUME (IN LITERS): 1.1

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The vessel is decorated with a single horizontal incised line under the vessel lip, and a series of large incised circles that are part of slanted scrolls. The incised circles are filled with large cane punctated impressions. The upper and lower incised triangular scroll fill zones are also filled with large cane punctated impressions (Figure 40).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY (IF KNOWN): Crockett Curvilinear Incised (see Newell and Krieger 1949:Figure 36i)



Figure 40. Crockett Curvilinear Incised bowl section from the George C. Davis site.

SITE NAME OR SITE NUMBER: George C. Davis

VESSEL NO.: No Number; L. J. Fisher Collection, donated November 1946

VESSEL FORM: Jar

NON-PLASTICS AND PASTE: grog

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: H (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE

COLOR: reddish-brown

EXTERIOR SURFACE

COLOR: very dark grayish-brown

WALL THICKNESS

(IN MM): rim, 6.9 mm;
body, 7.5 mm; base, 8.1 mm

INTERIOR SURFACE

TREATMENT: smoothed
on the rim

EXTERIOR SURFACE

TREATMENT: burnished

HEIGHT (IN CM): 14.0

ORIFICE DIAMETER

(IN CM): 10.2

DIAMETER AT BOTTOM

OF RIM OR NECK (IN CM): 10.2

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 5.3

ESTIMATED VOLUME (IN LITERS): 0.9

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The vessel is decorated with eight horizontal engraved lines at the rim. The bottom engraved line, at the rim-body juncture, has been more deeply engraved than the other horizontal lines (Figure 41).

PIGMENT USE AND LOCATION ON VESSEL: red pigment in the engraved lines

TYPE AND VARIETY (IF KNOWN): Hickory Engraved



Figure 41. Hickory Engraved jar from the George C. Davis site.

Summary and Conclusions

The 47 vessels and vessel sections from the George C. Davis site (41CE19) in the collections of the Texas Archeological Research Laboratory include fine wares, utility wares, and plain wares. These vessels are from a variety of mound (Mound A and B) and non-mound habitation features, as well as vessels from a series of elite burials with single to multiple numbers of individuals in Mound C; these burials also contain an assortment of other kinds of locally made and non-locally obtained funerary offerings.

There are five vessel forms in the vessel assemblage, about equally divided between bottles, bowls, jars, and carinated bowls (Table 1). The bottles are exclusively fine ware forms, while at least one or two of the three wares are represented in the other four vessel forms. Plain wares (Bowles Creek Plain) comprise 8.5 percent of the vessel assemblage, and utility wares (Crockett Curvilinear Incised, Davis Incised, Dunkin Incised, Duren Neck Banded, Kiam Incised, Pennington Punctated-Incised, and Weches Fingernail Impressed, *var. Weches*) account for another 34 percent of the vessel assemblage. The remaining 57 percent are fine wares, including Holy Fine Engraved, Hickory Engraved, a red-slipped vessel, and an unidentified engraved-pinched jar (Table 1).

Table 1. Ceramic vessel forms and recognized ceramic types in the George C. Davis Caddo vessel assemblage.

Type	Bt	Bw	J	CB	CPB	N
Bowles Creek Plain	-	2	2	-	-	4
Crockett Curvilinear Incised	-	1	-	-	1	2
Davis Incised	-	-	1	-	-	1
Dunkin Incised	-	1	2	-	-	3
Duren Neck Banded	-	-	1	-	-	1
Hickory Engraved	3	1	1	-	-	5
Holly Fine Engraved	8	5	1	6	-	20
Kiam Incised	-	-	1	-	-	1
Pennington Punctated-Incised	-	1	-	5	-	6
Weches Fingernail Impressed	-	-	2	-	-	2
Engraved-Pinched	-	-	1	-	-	1
Red-Slipped*	-	1?	-	1?	-	1
Totals	11	11(12)	12	11(12)	1	47

Bt=bottle; Bw=bowl; J=jar; CB=carinated bowl; CPB=compound bowl

*unclear if the vessel is a bowl or carinated bowl

Bowls are most frequently represented among Holly Fine Engraved vessels, while jars are most common among the Bowles Creek Plain, Dunkin Incised, and Weches Fingernail Impressed, *var. Weches* vessels. The carinated bowls in the assemblage are almost exclusively Holly Fine Engraved and Pennington Punctated-Incised vessels, and the one compound bowl is a Crockett Curvilinear Incised vessel (see Table 1).

The vessels at the George C. Davis site are almost exclusively tempered with grog (i.e., crushed sherds or pieces of fired clay) (Table 2): 97.9 percent of the vessels have grog temper. Two other grog-tempered vessels also have had crushed pieces of burned bone added to the paste, and four vessels had crushed pieces of hematite or ferruginous sandstone added to the paste during vessel manufacture. Only one vessel (2.1 percent of the vessel assemblage) is tempered solely with crushed and burned pieces of bone.

Table 2. Temper of vessels in the George C. Davis Caddo vessel assemblage.

Temper	No.	Percent
Grog	40	85.1
Grog-bone	2	4.3
Grog-hematite	4	8.5
Bone	1	2.1
Totals	47	100.0

About 27 percent of the engraved fine ware vessels in the George C. Davis vessel assemblage have had red hematite-rich (n=6) or white kaolin (n=1) clay pigments added to the engraved decorative elements. This includes one Hickory Engraved jar, three Holly Fine Engraved bottles, two Holly Fine Engraved bowls, and one Holly Fine Engraved carinated bowl. The red pigments were clearly preferred by the Caddo potters at the George C. Davis site, particularly on Holly Fine Engraved vessels.

According to Bobby Gonzalez of the Caddo Nation of Oklahoma (April 2008 personal communication), “the red pigment means life and is very sacred among the Caddo. The red pigment is now used on peyote staffs, and during ritual ceremonies and prayer meetings, the red pigment is painted on and in the ears as well as on the top of the head in the middle of a man’s hair line, running from front to back; the women and men paint themselves in the morning when the sun comes up.” Vessels found in features in and around the Mound A platform mound, and in burial features in Mound C, with a red pigment likely are from vessels that symbolize life and its sacredness to the Caddo. It is possible that the red pigment seen on vessels placed in Caddo burials at the George C. Davis site may have been added to the vessels shortly before they were placed in graves with the deceased.

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REFERENCES CITED

- Arnold, J. B., III
 1973 *George C. Davis Site Ceramic Analysis, Excavations of 1968–70*. Master’s thesis, Department of Anthropology, The University of Texas at Austin.
- 1975 Porosity and Refiring Tests on Ceramics from the George C. Davis Site, Texas. *Bulletin of the Texas Archeological Society* 46:231–241.
- Descantes, C., D. Creel, R. J. Speakman, S. Wilson, and M. D. Glascock
 2005 Instrumental Neutron Activation Analysis of Pottery from the George C. Davis Site, Texas. *North American Archaeologist* 25(2):121-138.
- Marchbanks, M. L.
 1989 *Lipid Analysis in Archaeology: An Initial Study of Ceramics and Subsistence at the George C. Davis Site*. Master’s thesis, Department of Anthropology, The University of Texas at Austin.

- Newell, H. P and A. D. Krieger
1949 *The George C. Davis Site, Cherokee County, Texas*. Memoir No. 5. Society for American Archaeology, Menasha, Wisconsin.
2000 *The George C. Davis Site, Cherokee County, Texas*. 2nd Edition. Society for American Archaeology, Washington, D.C.
- Perttula, T. K.
2013 Foreword to the 2013 Reprint Edition. In *The George C. Davis Site, Cherokee County, Texas*, by H. Perry Newell and Alex D. Krieger, pp. 5-15. Gustav's Library, Davenport, Iowa.
- Perttula, T. K., R. Z. Selden, Jr., and D. Wilson
2014 Corn is Life: Temporal Trends in the Use of Corn (*Zea mays*) by Caddo Peoples from Radiocarbon-dated Samples and Stable Isotope Analyses. *Bulletin of the Texas Archeological Society* 85:159-181.
- Selden, R. Z., Jr. and T. K. Perttula
2013 Radiocarbon Trends and the East Texas Caddo Tradition (ca. A.D. 800-1680). *Southeastern Archaeology* 32(1):85-96.
- Spock, C.
1977 An Analysis of the Architectural and Related Features at the George C. Davis Site. Master's thesis, Department of Anthropology, The University of Texas at Austin.
- Stokes, J. and J. Woodring
1981 Native-Made Artifacts of Clay. In *Archeological Investigations at the George C. Davis Site, Cherokee County, Texas: Summers of 1979 and 1980*, edited by D. A. Story, pp. 135-238. Occasional Paper No. 1. Texas Archeological Research Laboratory, The University of Texas at Austin.
- Story, D. A.
1969 1968-1969 Field Work at George C. Davis. *Newsletter of the Southeast Archaeological Conference* 13:25-32.
1972 A Preliminary Report of the 1968, 1969, and 1970 Excavations at the George C. Davis Site, Cherokee County, Texas. Texas Archeological Research Laboratory, The University of Texas.
1997 1968-1970 Archeological Investigations at the George C. Davis Site, Cherokee County, Texas. *Bulletin of the Texas Archeological Society* 68:1-113.
1998 The George C. Davis Site: Glimpses into Early Caddoan Symbolism and Ideology. In *The Native History of the Caddo: Their Place in Southeastern Archeology and Ethnohistory*, edited by T. K. Perttula and J. E. Bruseth, pp. 9-43. Studies in Archeology 30. Texas Archeological Research Laboratory The University of Texas at Austin.
2000 Introduction. In *The George C. Davis Site, Cherokee County, Texas*, by H. P. Newell and A. D. Krieger, pp. 1-31. 2nd Edition. Society for American Archaeology, Washington, D.C.
- Story, D. A. (editor)
1981 *Archeological Investigations at the George C. Davis Site, Cherokee County, Texas: Summers 1979 and 1980*. Occasional Papers, Vol. 1. Texas Archeological Research Laboratory The University of Texas at Austin.
- Story, D. A. and S. Valastro, Jr.
1977 Radiocarbon Dating and the George C. Davis Site, Texas. *Journal of Field Archaeology* 4(1):63-89.
- Thurmond, J. P. and U. Kleinschmidt
1979 *Report on the Fall 1978 Investigations at the George C. Davis Site, Caddoan Mounds State Historic Site, Cherokee County, Texas*. Texas Archeological Research Laboratory, The University of Texas at Austin.
- Walker, C. P. and D. P. McKinnon
2012 Exploring Prehistoric Caddo Communities through Archaeogeophysics. In *The Archaeology of the Caddo*, edited by T. K. Perttula and C. P. Walker, pp. 177-208. University of Nebraska Press, Lincoln.