

**Mississippi Mound Trail, Southern Region:
Phase 2 Investigations**

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Preface and Acknowledgments

This report covers Phase 2 of the Research Laboratories of Archaeology's involvement with the Mississippi Mound Trail project. We are fortunate to have had the opportunity to conduct further investigations on nine of the sites included in Phase 1. These investigations have provided an abundance of archaeological data that will be of use to scholars for generations to come. We look forward to the completion of this important project, which promises to be an effective instrument of public archaeology and heritage tourism.

The field work was undertaken by a crew consisting of undergraduates enrolled in the University of North Carolina at Chapel Hill field school, their graduate teaching assistants, staff hired specifically for the Mississippi Mound Trail excavations, and volunteers — all under the direction of Vincas Steponaitis. Megan Kassabaum, David Cranford, and Ashley Peles served as field supervisors. Other members of the crew were Cashen Almstead, Emily Andino, Steven Brantley, Amanda Cvinar, Benjamin Davis, Kelly Ervin, Joel Lennen, Mallory Melton, Andrius Valiunas, Morgan Welch, and Kelly White. It was a great team, which did excellent work.

After the excavations were finished and we returned to Chapel Hill, lab work was supervised by Megan Kassabaum and Mallory Melton and could not have been completed without the dedication of Morgan Welch and Kelly White. Megan Hynek and Ashley Peles assisted in the ceramic analysis by photographing sherds and helping to draw rim profiles. Melton created the site maps, excavation maps, and unit profiles with the assistance of Andrius Valiunas.

This work would not have been possible without the assistance and support of many other individuals. John O'Hear capably served as the project's coordinator for the Mississippi Department of Archives and History (MDAH). His versatility in this role was unequaled: he helped to plan the work, navigate the bureaucracy, and drive the heavy equipment involved in backfilling. Pam Lieb, David Abbott, and Hank Holmes, also at MDAH, were instrumental in making this work possible and providing support while the excavations were in progress. Brigid Poole of UNC's Office of Sponsored Research went to heroic lengths in negotiating the contract with MDAH, a process that also involved help from Robert Benson, Scott Ehrgott, Mike Landford, and David Parker. Lisa-Jean Michienzi and Allison Nelson handled administrative matters at UNC with energy and effectiveness. Throughout the project, Mimi Miller, Trevor Brown, Polly Rosenblatt, Nancy Hungerford, Patricia Catchings, and Ross and Mattie McGehee provided logistical support and a wealth of knowledge and advice. Yolanda Morgan fed us and kept us happy. As always, Smokye and Carol Frank, Robert and Kathy Prospere, Lee and Sherry Jones, Jim and Sharon Barnett, Anne MacNeil, Beth Boggess, Nancy Hungerford, Liz Durham, and Adam Gwin provided us with friendship, food, and fun. Jeff Girard facilitated access to the J. Ashley Sibley collection from Smith Creek. And last, but not least, we are most

grateful to all those who facilitated access to the properties on which the sites are located, and who also provided key help with backfilling and other tasks: James “Long” Allemand, Leigh Allen, Jim Barnett, George and Linda Bates, Gene and Susie Bates, Jessica Crawford, Genny Dooley, Rickey Dooley, Ray John Forrest, Sonny Freeman, Louis Guidon, Tonette Harris, “Big Larry” Hedrick, Gilbert Huerta, Lethal Joshua, Mark Reid, Rodger Smith, Bobby “Clown” Traxler, and Bobby Webb.

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Chapter 1

Introduction

The work described herein represents the second phase of field investigations on archaeological sites in the southern region of the proposed Mississippi Mound Trail. Over the course of six weeks, from May 15 to June 28, 2013, we placed test excavations in 12 mounds at eight different sites located in Claiborne, Jefferson, Adams, and Wilkinson counties. Needless to say, the work proceeded at a very fast pace, and the logistics were challenging. At some points during the season, we had crews working simultaneously at sites in three different counties, spanning a distance of nearly a hundred miles from north to south. Our main objectives were to gather data on the constructional history of these mounds, and above all to determine their dates, so they can be better interpreted for the public when the Mound Trail is established.

The processing and basic analysis of the materials recovered during these excavations took place in the Research Laboratories of Archaeology at University of North Carolina at Chapel Hill, mostly from July to December of 2013. Subsequent months were devoted to additional ceramic studies, an analysis of J. Ashley Sibley's collection from Smith Creek, and preparing this report.

This document is intended to be a preliminary presentation of the results of our work, rather than a comprehensive monograph on the excavations. Each chapter is devoted to a different site. Within each chapter, we present a brief synopsis of the work that was done, a preliminary interpretation of the results, and recommendations for future research. The text is followed by a compilation of maps, profiles, plans, and artifact illustrations, which are intended not only to support our interpretations, but also to be a resource for public interpretation and planning future work. The sites are considered in order of county, moving from north to south.

Excavation and Laboratory Methods

Excavation in mounds was primarily undertaken as 1 x 2 m units. Oakfield cores were used to determine unit placement, such that the excavations would be likely to intersect either pre-mound deposits or mound surface deposits. Each unit was named according to the grid coordinates of its southwest corner. All digging was by hand using either shovels or trowels.

Horizontal control was maintained with reference to the site grids established during the Phase 1 mapping operations (Nelson et al. 2013). These were simplified versions of the local UTM grid (NAD83), with the coordinates truncated to no more than four digits. Vertical control was in meters above mean sea level, the same elevations used in the Phase 1 maps.

The excavations were conducted by removing A-horizon soil to eliminate modern contamination, then digging arbitrary 20-cm levels through mound fill until surfaces were encountered. Whenever possible, transitions between fill episodes and surfaces were excavated in natural levels (i.e., zones), following the stratigraphy. Unless otherwise noted, mound fill was dry screened through half-inch mesh. Surfaces, midden deposits, and features were water

screened through sixteenth-inch mesh and 10-liter flotation samples were taken. When possible, features were cored out without removing the surrounding subsoil; they were bisected to determine zones and then the second half was excavated by zone.

Plan-view sketch maps and plan and profile photographs were taken at the end of each level. When features were encountered, they were formally mapped. Final excavation profiles were drawn after the completion of the unit. Every unit was backfilled.

All artifacts larger than a quarter-inch in size were washed, sorted by material type, weighed, and counted at the Research Laboratories of Archaeology, UNC-Chapel Hill. The pottery was classified according to the type-variety system developed by Phillips (1970) and expanded by Williams and Brain (1983) and others. These same sources were used to assign each variety a temporal span. Rim profiles were drawn for all sherds representing over 5% of the vessel's circumference. Additional examples showing representative rim forms were also drawn. Examples of all types, varieties, and other important categories were photographed. At this time, plain wares have not been classified by paste and thus are referred to only as "unclassified plain." The vast majority are Baytown Plain (which here includes Addis Plain), but further examination would be necessary to make variety distinctions.

Chronology

The ceramic chronology we use for the Natchez Bluffs is shown in Figure 1.1. It follows the framework established by Brown (1985), Brain et al. (1995), and Steponaitis (1981, 2009), which draws heavily from the work of Phillips (1970) and Williams and Brain (1983) in the Yazoo Basin to the north.

A total of 18 radiocarbon dates were obtained from the contexts we excavated (Table 1.1, Figure 1.2). All dates were calibrated using OxCal 4.2 (Bronk Ramsey 2009), using the IntCal13 atmospheric curve (Reimer et al. 2013). With one early outlier from Bayou Pierre Mound D (Beta-372873) excluded, the remaining determinations span the interval from ca. AD 400 to 1600. These dates are discussed individually in the appropriate sections of the chapters that follow.

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	Natchez Bluffs	Lower Yazoo	
Date	Phase	Phase	Culture
AD 1730	Natchez	Russell	Plaquemine / Mississippian
AD 1682	Emerald	Wasp Lake	
AD 1500	Foster	Lake George	
AD 1350	Anna	Winterville	
AD 1200	Gordon	Crippen Point	
AD 1100	Balmoral	Kings Crossing	Coles Creek
AD 1000	Ballina	Aden	
AD 850	Sundown	Bayland	
AD 750	Hamilton Ridge	Deasonville	
AD 400	Issaquena	Issaquena	Marksville
AD 200	Grand Gulf	Anderson Landing	
AD 1	Panther Lake	Tuscola	Tchefuncte
500 BC			

Figure 1.1. Phase chronology for the Natchez Bluffs and Lower Yazoo Basin.

Table 1.1. Radiocarbon dates.

Site Name (Number):	Lab Number	Locus	Unit	Context	Material	$\delta^{13}\text{C}$	Conventional Age	Calibrated Date (2 sigma)
<i>Windsor (22 Cb 508):</i>								
	Beta-372882	Mound B	TU-1	N80 E316, level 4	charcoal	-27.1‰	540 ± 30 BP	AD 1320-1350, 1390-1435
	Beta-372883	Mound D	TU-2	N807 E152, level 3	charcoal	-24.8‰	770 ± 30 BP	AD 1220-1280
	Beta-372884	Mound D	TU-2	N807 E153, level 3	soil	-24.7‰	660 ± 30 BP	AD 1280-1320, 1350-1390
<i>Bayou Pierre (22 Cb 534):</i>								
	Beta-372877	Mound A	TU-2	midden, step 5	charcoal	-26.1‰	990 ± 30 BP	AD 995-1050, 1085-1125, 1140-1150
	Beta-372873	Mound D	TU-4	N623 E975, level 4	charcoal	-25.9‰	1850 ± 30 BP	AD 80-240
	Beta-372874	Mound D	TU-5	N622 E987, feature 1	charcoal	-25.5‰	1060 ± 30 BP	AD 900-925, 945-1020
<i>Bates #1 (22 Je 514):</i>								
	Beta-372875	Mound	TU-2	N389 E948, level 5	soil	-26.7‰	610 ± 30 BP	AD 1290-1410
	Beta-372876	Mound	TU-2	N389 E948, level 5	charcoal	-26.5‰	490 ± 30 BP	AD 1410-1445
<i>Bates #2 (22 Je 513):</i>								
	Beta-372878	Mound	TU-1	N1018 E523, level 5	soil	-17.0‰	1000 ± 30 BP	AD 990-1045, 1095-1120, 1140-1145
<i>Pumpkin Lake (22 Je 517):</i>								
	Beta-372870	Mound	TU-1	N274 E384, level 3	charcoal	-23.9‰	1550 ± 30 BP	AD 420-575
	Beta-372871	Mound	TU-1	N274 E384, level 4	charcoal	-24.5‰	1350 ± 30 BP	AD 645-685
<i>Foster (22 Ad 503):</i>								
	Beta-372872	Mound A	TU-1	N443 E613, level 7	charcoal	-27.0‰	340 ± 30 BP	AD 1455-1645
<i>Greenwood (22 Ad 508):</i>								
	Beta-372879	Mound	Core #9	submound A-horizon	charcoal	-24.7‰	890 ± 30 BP	AD 1040-1220
<i>Lessley (22 Wk 504):</i>								
	Beta-372880	Mound	TU-2	N211 E625, level 6	charcoal	-28.1‰	540 ± 30 BP	AD 1320-1350, 1390-1435
	Beta-372881	Mound	TU-2	N211 E625, level 7	charcoal	-25.0‰	720 ± 30 BP	AD 1260-1295
<i>Smith Creek (22 Wk 526):</i>								
	Beta-372886	Mound A	TU-1	N1058 E460, level 3	charcoal	-23.5‰	1060 ± 30 BP	AD 900-925, 945-1020
	Beta-372885	Mound C	TU-2	N1077 E627, level 2	bone	-25.4‰	1400 ± 30 BP	AD 605-665
	Beta-372887	Mound C	TU-2	N1077 E627, level 6	bone	-21.3‰	840 ± 30 BP	AD 1155-1260

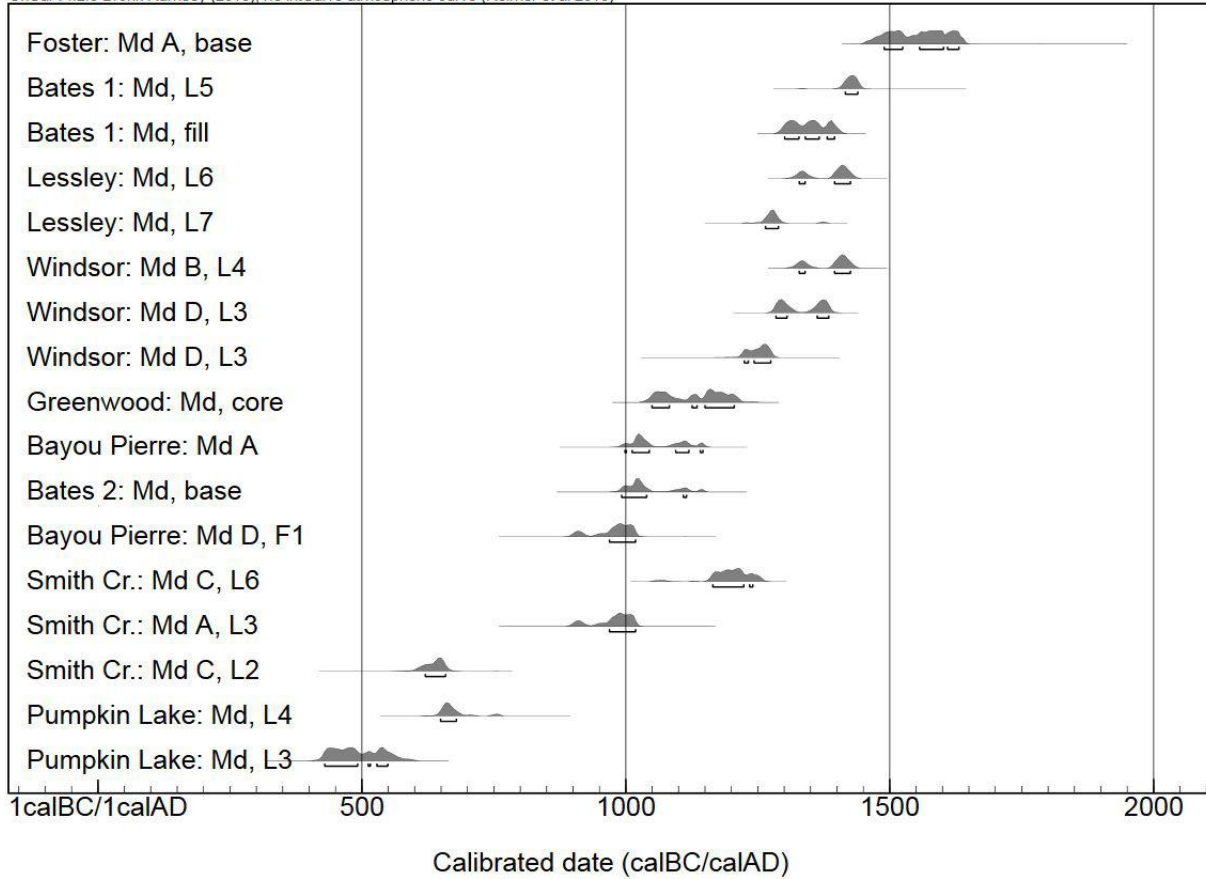


Figure 1.2. Radiocarbon dates obtained in the excavations reported herein. One date from beneath Mound D at Bayou Pierre (Beta-372873), which is implausibly early for the onset of that mound's construction, is not shown (see Table 1.1).

Chapter 10

Smith Creek (22 Wk 526)

Smith Creek consists of three mounds surrounding a plaza (Figure 10.1). To the west is Mound A, a 10 m tall platform mound that sits on the bluff edge. The eastern corner of this mound was removed by highway construction in 1960 (Nelson et al. 2013:182). To the north is Mound B, which is a burial mound surrounded by a moat. The Junior Archaeological Society (Baton Rouge, Louisiana) excavated this mound in the 1960s and their excavations are still visible today (Ellis 1964; 1964). To the east is Mound C, which has been partially eroded by Smith Creek. Surface collections from the site (Brain et al. 1995; Ford 1936) along with excavations in the southern end of the plaza by Joe “Wilkie” Collins in the 1970s (Bogges and Ensor 1993) all suggest a Coles Creek date, with minor Baytown and Plaquemine components.

Summary of 2013 Investigations

Test excavations in Mounds A and C at Smith Creek mounds were high priorities for this project; the plaza was also targeted. These investigations were conducted in order to date mound construction and explore patterns of site use. Extensive coring was completed in order to determine unit placement and gain a better understanding of the extent of buried cultural deposits at the site. We excavated TU-1 at the base of Mound A to date the beginning of mound construction in that location and to sample any submound deposits (Figure 10.2); TU-2 was excavated on the intact flank of Mound C to explore mound construction methods and determine contemporaneity with Mound A (Figure 10.3); TU-3 was excavated in the eastern edge of plaza as it began to angle up towards the current bluff edge overlooking Smith Creek (see Figure 10.3).

In addition to helping us to place these units, our coring yielded four important conclusions. First, clear mound surfaces were present within Mound A, some of which were veneered and/or had midden accumulations on them. These mound surfaces could easily be accessed through excavations on the eastern edge of the mound. Second, the expansive midden in the southern end of the plaza (just before the gradual slope down off the mesa on which the site is built) is still intact. It ranges from 50 to 100 cm deep. Third, the platform between Mound B and the moat surrounding it was entirely constructed. Near the base of Mound B, the fill is over 2 m deep but becomes progressively thinner as one moves to the south and west away from the mound (Figure 10.4). Finally, the entire southeastern edge of the plaza was significantly raised by midden and fill deposition. This was confirmed by TU-3. The rise just south of Mound C (which was identified as a possible fourth mound in the Phase 1 report) is included in this large zone of fill (see Figure 10.4). The deposit becomes progressively thinner to the north and west.

TU-1 (Mound A)

A 1 x 2 m unit whose southwest corner was at N1058 E460 was excavated in five levels. As it was the highest in elevation (32.71 m), the southwest corner was used as the datum.

<i>Level</i>	<i>Depth (cmbd)</i>	<i>Elevation (m)</i>	<i>Description</i>
1	0–10	32.71–32.61	A-horizon
2	10–60	32.61–32.11	mound fill
3	60–103	32.11–31.68	mound fill, mound surface
4	103–135	31.68–31.36	mound fill, midden
5	135–165	31.36–31.06	midden, buried-A horizon, E-horizon

Under the plow zone, TU-1 revealed four distinct fill episodes. The upper two fills may represent a single mound stage, as there was no occupation residue, weathering, or soil development on the intervening surface. Between episodes 2 and 3, a clear mound surface deposit was visible. Intersected in Level 3, this surface consisted of slanting dark midden covered by a thin wash layer. The two fill episodes below it may also represent a single mound stage, though, in this case, small amounts of charcoal on the intervening surface suggest it was left open for at least a short time. A basal midden deposit was located part way through Level 4 and continued into Level 5. This midden sat directly atop a buried A-horizon and was differentiated by high densities of charcoal and fired clay (Figures 10.5–10.8). One shallow posthole was identified at the base of the unit, cutting into the E-horizon. This feature indicates some use of the premound surface, and is likely associated with the basal midden.

<i>Feature</i>	<i>Elevation (m)</i>		<i>Horizontal Dimensions (cm)</i>	<i>Description</i>
	<i>Top</i>	<i>Bottom</i>		
5	31.06	30.99	13 x 13	shallow post hole

Collections from this unit were dominated by ceramics, though lithics, pebbles, fired clay, and daub were also common (Table 10.1). Ceramic collections included varieties spanning the Hamilton Ridge through Anna phases (Table 10.2; Figures 10.9-10.17). Though most Anna and Gordon phase markers are present only in the top three levels, the presence of Anna Incised in Level 5 suggests that all of the construction episodes encountered in TU-1 occurred during the Anna phase. A total of 42 rim sherds were large enough to determine vessel shape; size could be estimated for 28 (Figure 10.18).

<i>Type</i>	<i>Variety</i>	<i>Form</i>	<i>Rim</i>	
			<i>Diam. (cm)</i>	<i>Portion of Rim (%)</i>
Anna Incised	<i>unspecified</i>	bowl	-	< 5
Anna Incised	<i>unspecified</i>	bowl/plate	-	< 5
Baytown Plain	<i>unspecified</i>	deep bowl	45	5
Baytown Plain	<i>unspecified</i>	bowl	13	16
Baytown Plain	<i>unspecified</i>	shallow bowl/plate	50	5
Baytown Plain	<i>unspecified</i>	shallow bowl	-	< 5
Baytown Plain	<i>unspecified</i>	deep bowl/beaker	-	< 5
Baytown Plain	<i>unspecified</i>	beaker	19	6
Baytown Plain	<i>unspecified</i>	deep bowl/beaker	25	5
Baytown Plain	<i>unspecified</i>	bowl	30	5
Baytown Plain	<i>unspecified</i>	bowl	30	5
Baytown Plain	<i>unspecified</i>	shallow bowl	25	5
Baytown Plain	<i>unspecified</i>	restricted jar	50	5

Baytown Plain	<i>unspecified</i>	beaker	20	11
Chevalier Stamped	<i>unspecified</i>	beaker	-	< 5
Coles Creek Incised	<i>Chase</i>	restricted jar	40	9
Coles Creek Incised	<i>Chase</i>	beaker/bowl	30	5
Coles Creek Incised	<i>Chase</i>	bowl	15	8
Coles Creek Incised	<i>Chase</i>	beaker	17	5
Coles Creek Incised	<i>Chase</i>	deep bowl	-	< 5
Coles Creek Incised	<i>Chase</i>	restricted bowl	11	7
Coles Creek Incised	<i>Coles Creek</i>	beaker	20	5
Coles Creek Incised	<i>Coles Creek</i>	restricted jar	13	8
Coles Creek Incised	<i>Phillips</i>	bowl	20	7
Coles Creek Incised	<i>Phillips</i>	bowl	12	13
Coles Creek Incised	<i>Phillips</i>	bowl	-	< 5
Coles Creek Incised	<i>Phillips</i>	bowl	-	< 5
Coles Creek Incised	<i>Phillips</i>	deep bowl	-	< 5
Coles Creek Incised	<i>Phillips</i>	bowl	25	5
Coles Creek Incised	<i>Phillips</i>	deep bowl	17	6
Coles Creek Incised	<i>Phillips</i>	restricted jar/bowl	17	5
Coles Creek Incised	<i>Phillips</i>	bowl	21	5
Coles Creek Incised	<i>Stoner</i>	beaker/deep bowl	25	7
Coles Creek Incised	<i>Stoner</i>	restricted bowl	27	6
Coles Creek Incised	<i>Stoner</i>	restricted jar	20	5
French Fork Incised	<i>Laborde</i>	restricted jar	-	< 5
French Fork Incised	<i>Wilzone</i>	restricted jar/bowl	-	< 5
Larto Red Slipped	<i>Larto</i>	shallow bowl	-	< 5
Mazique Incised	<i>unspecified</i>	restricted bowl/jar	-	< 5
Mazique Incised	<i>unspecified</i>	restricted jar	20	5
Plaquemine Brushed	<i>Plaquemine</i>	restricted jar	-	< 5
Unclassified Punctated	-	restricted bowl/jar	23	5

Three flotation samples were taken — one from the mound surface in Level 3 and two from Feature 5 at the base of the unit — but they have not yet been processed. One radiocarbon sample was submitted from the mound surface. It returned a date spanning the Ballina and Balmoral phases. This seems quite early given the presence of Anna and Gordon phase markers in the lower levels of TU-1.

<i>Level</i>	<i>Material Type</i>	<i>Conventional Age</i>	<i>Calibrated Date(s) (2 sigma)</i>
3	charcoal	1060 ± 30 BP	AD 900–925 / AD 945–1020

TU-2 (Mound C)

A 1 x 2 m unit whose southwest corner was at N1077 E627 was excavated in six levels. As it was the highest in elevation (30.69 m), the southeast corner was used as the datum.

<i>Level</i>	<i>Depth (cmbd)</i>	<i>Elevation (m)</i>	<i>Description</i>
1	0–20	30.69–30.49	A-horizon
2	20–50	30.49–30.19	mound fill, mound surface
3	natural	natural	mound surface, mound fill
4	50–75	30.19–29.94	mound surface, mound fill
5	75–105	29.94–29.64	mound fill
6	105–135	29.64–19.34	mound fill, mound surface

TU-2 consisted entirely of highly differentiated, basket-loaded mound fill and intersected two mound surfaces (Figure 10.19–10.22). Based on differences in color, mottling, and loading technique, six zones of mound fill were identified. These combine to form at least three mound construction episodes. The upper mound surface lies between the first and second zones of fill and consists of a thin zone of very dense material including ceramics and bone. It was intersected in Level 2 and collected as the upper portion of Level 3. We identified three features, two posts and a small pit, coming down from this surface (Figures 10.23–10.24).

<i>Feature</i>	<i>Elevation (m)</i>		<i>Horizontal Dimensions (cm)</i>	<i>Description</i>
	<i>Top</i>	<i>Bottom</i>		
2	30.24	30.13	20 x 22	shallow post hole
3	30.19	30.05	21 x 22	post hole/post mold
4	30.19	30.10	27 x >15	shallow pit

The second, third, fourth, and fifth zones of mound fill combined to make up the middle construction episode and are heavily basket-loaded with strongly contrasting fills. The darkest fill is entirely sterile and likely comes from naturally formed deposits within ancient gullies near the site (Joe Collins, personal communication). Some dark, midden-filled basket loads are also included. Like the midden zones, the light-colored loads have high artifact densities. The lower mound surface was only intersected in Level 6 and appears as a consistent break in construction with some material laying flat along it. The final fill episode was only encountered in the southeastern corner of the unit. At the base of our excavations, we cored to locate the premound surface. We reached the buried A-horizon at 17.74 m and the Bt-horizon at 17.59 m.

Sherds and bone dominated collections from TU-2, although fired clay and pebbles were also common (Table 10.3). Ceramic varieties span the Hamilton Ridge through Balmoral phases (Table 10.4; Figures 10.25–10.31). The single Mazique Incised, *var. Kings Point* sherd from Level 5 suggests a Balmoral phase date for the upper two construction episodes, while the lower surface and lowest construction episode could potentially date to an earlier phase due to the lack of Balmoral phase diagnostics. A total of 14 rim sherds were large enough to determine vessel shape; size could be estimated for ten (Figure 10.32).

<i>Type</i>	<i>Variety</i>	<i>Form</i>	<i>Rim</i>	
			<i>Diam. (cm)</i>	<i>Portion of Rim (%)</i>
Baytown Plain	<i>unspecified</i>	bowl	12	7
Baytown Plain	<i>unspecified</i>	beaker/deep bowl	40	5
Baytown Plain	<i>unspecified</i>	bowl	25	5
Baytown Plain	<i>unspecified</i>	bowl	25	5

Baytown Plain	<i>unspecified</i>	shallow bowl	-	< 5
Baytown Plain	<i>unspecified</i>	bowl	27	5
Baytown Plain	<i>unspecified</i>	shallow bowl	48	5
Baytown Plain	<i>unspecified</i>	bowl	27	5
Baytown Plain	<i>unspecified</i>	bowl	-	< 5
Coles Creek Incised	<i>Chase</i>	beaker	-	< 5
Coles Creek Incised	<i>Chase</i>	beaker/deep bowl	-	< 5
Coles Creek Incised	<i>Hunt</i>	restricted jar	10	6
French Fork Incised	<i>French Fork</i>	restricted bowl	19	8
French Fork Incised	<i>unspecified</i>	restricted bowl	14	5

Though not yet processed, five flotation samples were taken from TU-2—four from the features associated with the upper mound surface and one from the midden deposit on the lower mound surface. Two radiocarbon samples were submitted. One, from the thin midden deposit sitting on the upper mound surface, returned a surprisingly early date in the seventh century AD. This either represents a bad date, or the midden on this surface was redeposited much after its initial discard elsewhere at the site. The second sample, from the midden sitting on the upper mound surface, returned a date the spanning the Balmoral through Anna phases, which may corroborate the Balmoral phase construction date suggested by the ceramic analysis.

<i>Level</i>	<i>Material Type</i>	<i>Conventional Age</i>	<i>Calibrated Date(s) (2 sigma)</i>
2	bone	1400 ± 30 BP	AD 605–665
6	bone	840 ± 30 BP	AD 1155–1260

TU-3 (Plaza)

A 1 x 2 m unit whose southwest corner was at N1049 E597 was excavated in six levels. As it was the highest in elevation (29.05 m), the southeast corner was used as the datum.

<i>Level</i>	<i>Depth (cmbd)</i>	<i>Elevation (m)</i>	<i>Description</i>
1	0–15	29.05–28.90	A-horizon
2	15–45	28.90–28.60	fill
3	45–85	28.60–28.20	fill
4	85–115	28.20–27.90	fill
5	115–135	27.90–27.70	fill, buried A-horizon
6	135–150	27.70–27.55	buried A-horizon, E-horizon

This entire unit consisted of relatively homogenous dark and artifact-rich soil. Slight changes in soil color, sand content, and artifact densities allowed us to differentiate five potential zones of fill (Figures 10.33–10.36). About halfway down the unit profile, small striations within F3 may represent a brief break in construction. Differentiating between the first fill episode and the buried A-horizon was quite difficult. Fewer artifacts and higher levels of bioturbation characterize the buried A-horizon. No features were located in TU-3.

Ceramics dominated the collections from TU-3, though lithics, pebbles, fired clay, and bone were all common (Table 10.5). Ceramics span the Hamilton Ridge through Anna phases (Table 10.6 and Figures 10.37–10.50). Anna phase diagnostics persist as deep as Level 3. After this, both Anna and Gordon phase diagnostics drop out. Balmoral phase diagnostics persist into Level 4. Level 5 contains only Ballina, Sundown, and Hamilton Ridge phase diagnostics. This suggests that the massive fill deposit was begun during the Sundown or Ballina phase and then continued incrementally into the Anna phase. This simple stratigraphic sequence also suggests that further excavations in this area may help to isolate a Smith Creek-specific ceramic chronology that could be useful in interpreting other deposits at the site. A total of 65 rim sherds were large enough to determine vessel shape; size could be estimated for ten (Figure 10.51).

<i>Type</i>	<i>Variety</i>	<i>Form</i>	<i>Rim Diam. (cm)</i>	<i>Portion of Rim (%)</i>
Alligator Incised	<i>unspecified</i>	restricted jar	-	< 5
Alligator Incised	<i>unspecified</i>	restricted jar	-	< 5
Anna Incised	<i>Anna</i>	plate	-	< 5
Anna Incised	<i>Anna</i>	plate	-	< 5
Anna Incised	<i>Anna</i>	plate	-	< 5
Baytown Plain	<i>unspecified</i>	restricted jar	13	6
Baytown Plain	<i>unspecified</i>	restricted jar	20	6
Baytown Plain	<i>unspecified</i>	bowl	8	9
Baytown Plain	<i>unspecified</i>	beaker	30	5
Baytown Plain	<i>unspecified</i>	deep bowl	-	< 5
Baytown Plain	<i>unspecified</i>	restricted jar	-	< 5
Baytown Plain	<i>unspecified</i>	plate/shallow bowl	-	< 5
Baytown Plain	<i>unspecified</i>	plate	-	< 5
Baytown Plain	<i>unspecified</i>	plate	-	< 5
Baytown Plain	<i>unspecified</i>	bowl	-	< 5
Baytown Plain	<i>unspecified</i>	restricted jar	-	< 5
Baytown Plain	<i>unspecified</i>	plate	-	< 5
Baytown Plain	<i>unspecified</i>	beaker	-	< 5
Baytown Plain	<i>unspecified</i>	bowl	-	< 5
Carter Engraved	<i>unspecified</i>	restricted jar	-	< 5
Carter Engraved	<i>unspecified</i>	restricted jar	-	< 5
Chevalier Stamped	<i>Chevalier</i>	beaker	-	< 5
Coles Creek Incised	<i>Blakely</i>	restricted bowl	-	< 5
Coles Creek Incised	<i>Chase</i>	bowl	-	< 5
Coles Creek Incised	<i>Chase</i>	bowl	18	5
Coles Creek Incised	<i>Chase</i>	deep bowl	-	< 5
Coles Creek Incised	<i>Chase</i>	bowl	25	6
Coles Creek Incised	<i>Coles Creek</i>	beaker	20	5
Coles Creek Incised	<i>Coles Creek</i>	restricted jar	20	5
Coles Creek Incised	<i>Coles Creek</i>	beaker	-	< 5
Coles Creek Incised	<i>Hunt</i>	beaker/restricted jar	-	< 5
Coles Creek Incised	<i>Hunt</i>	beaker	-	< 5
Coles Creek Incised	<i>Hunt</i>	restricted jar/bowl	12	9

Coles Creek Incised	<i>Hunt</i>	restricted jar	-	< 5
Coles Creek Incised	<i>Mott</i>	beaker	-	< 5
Coles Creek Incised	<i>Phillips</i>	beaker	13	10
Coles Creek Incised	<i>Phillips</i>	restricted jar	-	< 5
Coles Creek Incised	<i>Phillips</i>	bowl	18	5
Coles Creek Incised	<i>Phillips</i>	restricted jar	-	< 5
Coles Creek Incised	<i>Phillips</i>	shallow bowl	10	10
Coles Creek Incised	<i>Phillips</i>	bowl	-	< 5
Coles Creek Incised	<i>Phillips</i>	bowl	-	< 5
Coles Creek Incised	<i>Phillips</i>	deep bowl	-	< 5
Coles Creek Incised	<i>Phillips</i>	restricted jar	-	< 5
Coles Creek Incised	<i>Stoner</i>	restricted jar	15	8
Coles Creek Incised	<i>unspecified</i>	restricted jar	-	< 5
Coles Creek Incised	<i>unspecified</i>	beaker	-	< 5
Coles Creek Incised	<i>unspecified</i>	beaker	-	< 5
Coles Creek Incised	<i>unspecified</i>	beaker	-	< 5
Evansville Punctated	<i>Rhinehart</i>	restricted jar	19	5
French Fork Incised	<i>Laborde</i>	restricted jar	18	8
French Fork Incised	<i>Laborde</i>	beaker	-	< 5
Mazique Incised	<i>Mazique</i>	restricted jar	14	6
Mazique Incised	<i>unspecified</i>	restricted jar	19	6
Plaquemine Brushed	<i>Plaquemine</i>	restricted jar	20	9
Plaquemine Brushed	<i>Plaquemine</i>	bowl	20	5
Pontchartrain Check				
Stamped	<i>unspecified</i>	restricted jar	26	5
Unclassified Decorated -		bowl	-	< 5
Unclassified Decorated -		beaker/deep bowl	-	< 5
Unclassified Incised -		deep bowl	40	35

No flotation samples were taken and no radiocarbon dates were submitted from TU-3.

Analysis of Previously Collected Materials

During the 1950s, 60s, and 70s, Mr. J. Ashley Sibley led excavations at Smith Creek with the Junior Archaeological Society (Baton Rouge, Louisiana). These excavations are also commonly discussed as being conducted by the “boy scouts”. After his excavations at Smith Creek and numerous other sites in the area, Sibley housed the collected material at his “Museum and Environmental Center” at Grindstone Bluff, north of Shreveport, Louisiana. Upon his death, the museum was abandoned and the material was eventually taken in by Dr. Jeffery Girard at Northwestern State University of Louisiana in Natchitoches (Girard, personal communication 2011). The records of these early excavations at Smith Creek were compiled for this report. This includes two reports by Junior Archaeological Society member, Randy Ellis, in the society’s newsletter (Ellis 1963; 1964), an brief expedition journal kept during the 1967 excavations, a report on the skeletal material recovered from Sibley’s museum by William Hawkins, a research

associate at the Office of the Attorney General, Louisiana Department of Justice (Hawkins 2011), and a large collection of artifacts originally housed at Sibley's private museum.

In the records of the Junior Archaeological Society excavations, Ellis (1963:2) describes three mounds, the temple mound (Mound A), the burial mound (Mound B), and a midden mound, habitation mound, or trash heap (Mound C). He reports that Mound A is "twenty feet high, two hundred feet square at the base, and has a summit plateau of ninety feet square" (Ellis 1963:2). Likewise, he reports that Mound B is "six feet high and seventy feet square at the base" (Ellis 1963:2). In the report on the 1967 excavations, mound dimensions are given slightly differently (Anonymous 1967:4). The east-west axis of Mound A is measured to be 210 feet; the summit area is measured to be 160 square feet. Mound B is listed as 165 feet east-west and 90 feet north-south. Finally, Mound C is listed as 90 feet east-west and 175 feet north-south. The distance across the plaza is listed as 300 feet east-west.

Mound C at Smith Creek was investigated by the Junior Archaeological Society beginning in 1958. Based on the information recorded on bags from Sibley's museum, we know that the investigations continued until at least 1971. Methods of excavation are described as follows:

Members cleared a strip fifty feet long and ten feet wide on the top of the mound running in a north-south direction, then staked ten five foot squares running across the mound from its base. Two boys were assigned to each section. They would scrape one inch bite [sic] of dirt each time the shovel was filled ... when an object is hit the member stops digging with the shovel and uses his trowel, digging around the object one foot to make sure the object will not be damaged, then the object is removed from the ground it is put in a sack with the members name, the name of the site and the section in which it was removed. (Ellis 1963:5)

An additional five, 5-ft squares are reported from the 1967 excavations (Anonymous 1967:1). Details of the size, shape, and location of excavations in other years are not known.

Ellis (1963:3) reports that "one flexed burial, four skulls, one bundle burial, pot sherds and one arrow point" were removed from the primary excavation. "Removed from other parts of the mound were one chunkie stone, one ear plug, bone needles, and numerous pot sherds" (Ellis 1963:3). In a second report, he goes into more detail:

Removed from the burial mound has been one complete flexed burial at the five foot level ... one ear plug found at the one and a half foot level ... five isolated skull burials at the one to five-foot level ... one bundle burial at the three foot level ... and fragments of shell at the four foot level... Plain in design pot sherds have been found from the surface to the five foot level. The twenty-four pot sherds characteristic of the Coles Creek complex were collected from the site. Twenty-three sherds found were characteristic of the Plaquemine complex and two characteristic of the Marksville complex. (Ellis 1964:5)

From these findings, he concludes that mound construction at Smith Creek began in the Coles Creek period and ended in the Plaquemine period, though he comments that the pottery from Mound B suggests that it was primarily Plaquemine (Ellis 1964:6).

He describes one burial in detail. The partially flexed, male skeleton was found in Section 4, five feet below the mound surface. He was determined to be approximately 5 ft 4 in tall and 40 years old (based on dental wear). An arrow point was found in the skull (Ellis 1963:5-6). Two additional male and two female skulls are also reported from these investigations (Ellis 1963:7), one which showed cranial deformation (Ellis 1964:4). These and the other skeletal materials from Sibley's museum were analyzed by William Hawkins in 2011. He reports, "many juveniles of different ages are present as well as a substantial number of aged adults ... Dental pathologies were somewhat common, and all dentition available suffered attrition" (Hawkins, personal communication 2011). An incomplete bag-by-bag inventory of the material was the product of Hawkins's analysis, but it is uncertain if all of the material listed came from Smith Creek.

Analysis of the Collection

We conducted a detailed inventory of the materials recovered from Sibley's museum. All provenience information was gleaned from the bags themselves, as no detailed records or field notes were recovered. Generally, the provenience information was extremely limited. Thus, for the purposes of this report, the material is reported by bag number assigned by us in the lab (Table 10.7). Overall, the collections show a great deal of similarity to those excavated from Mounds A and C and the plaza in 2013. The collection is dominated by ceramics but also includes lithics, pebbles, daub, bone, and historical material.

The ceramics were analyzed in order to more confidently date the construction and use of Mound B. Ceramic varieties span the Marksville through Plaquemine periods (Table 10.8; Figures 10.52–10.84). Only four bags are confidently from subsurface contexts and these contain only early and middle Coles Creek period diagnostics; however, the sheer amount of Balmoral, Gordon, and Anna phase materials suggests that at least some mound construction took place in the late Coles Creek and early Plaquemine periods. A total of 177 rim sherds were large enough to determine vessel shape; size could be estimated for 127 (Figure 10.85–10.92).

<i>Type</i>	<i>Variety</i>	<i>Form</i>	<i>Rim</i>	
			<i>Diam. (cm)</i>	<i>Portion of Rim (%)</i>
Alligator Incised	<i>unclassified</i>	restricted jar	32	5
Alligator Incised	<i>unclassified</i>	restricted bowl/jar	30	5
Anna Incised	<i>Anna</i>	shallow bowl/plate-		< 5
Anna Incised	<i>Australia</i>	plate/flaring bowl	-	< 5
Baytown Plain	<i>unspecified</i>	bowl	41	6
Baytown Plain	<i>unspecified</i>	deep bowl	-	< 5
Baytown Plain	<i>unspecified</i>	beaker	27	6
Baytown Plain	<i>unspecified</i>	carinated bowl	-	< 5
Baytown Plain	<i>unspecified</i>	shallow bowl	41	5
Baytown Plain	<i>unspecified</i>	bowl	24	7
Baytown Plain	<i>unspecified</i>	bowl	-	< 5
Baytown Plain	<i>unspecified</i>	beaker	31	10
Baytown Plain	<i>unspecified</i>	carinated bowl	12	9
Baytown Plain	<i>unspecified</i>	deep bowl	15	7

Baytown Plain	<i>unspecified</i>	beaker	-	< 5
Baytown Plain	<i>unspecified</i>	restricted jar	26	6
Baytown Plain	<i>unspecified</i>	bowl	22	6
Baytown Plain	<i>unspecified</i>	deep bowl	45	5
Baytown Plain	<i>unspecified</i>	deep bowl	40	5
Baytown Plain	<i>unspecified</i>	bowl	22	12
Baytown Plain	<i>unspecified</i>	bowl	11	7
Baytown Plain	<i>unspecified</i>	deep bowl	23	7
Baytown Plain	<i>unspecified</i>	bowl	29	8
Baytown Plain	<i>unspecified</i>	shallow bowl	48	6
Baytown Plain	<i>unspecified</i>	bowl	23	6
Baytown Plain	<i>unspecified</i>	bowl	-	< 5
Baytown Plain	<i>unspecified</i>	beaker	18	7
Baytown Plain	<i>unspecified</i>	bowl	-	< 5
Baytown Plain	<i>unspecified</i>	restricted bowl	9	10
Baytown Plain	<i>unspecified</i>	deep bowl	15	9
Baytown Plain	<i>unspecified</i>	plate	-	< 5
Baytown Plain	<i>unspecified</i>	bowl	27	7
Baytown Plain	<i>unspecified</i>	bowl	46	7
Baytown Plain	<i>unspecified</i>	beaker	44	5
Baytown Plain	<i>unspecified</i>	bowl	18	7
Baytown Plain	<i>unspecified</i>	beaker/deep bowl	17	5
Baytown Plain	<i>unspecified</i>	bowl	30	8
Baytown Plain	<i>unspecified</i>	shallow bowl	-	< 5
Baytown Plain	<i>unspecified</i>	deep bowl	34	5
Baytown Plain	<i>unspecified</i>	deep bowl	28	6
Baytown Plain	<i>unspecified</i>	deep bowl	24	10
Baytown Plain	<i>unspecified</i>	carinated bowl	21	5
Baytown Plain	<i>unspecified</i>	bowl	29	5
Baytown Plain	<i>unspecified</i>	shallow bowl	31	9
Baytown Plain	<i>unspecified</i>	beaker	31	6
Baytown Plain	<i>unspecified</i>	bowl	29	7
Baytown Plain	<i>unspecified</i>	shallow bowl	29	6
Beldeau Incised	<i>Beldeau</i>	beaker	16	5
Chevalier Stamped	<i>Lulu</i>	restricted jar	16	7
Chevalier Stamped	<i>Chevalier</i>	restricted jar	-	< 5
Chevalier Stamped	<i>unspecified</i>	restricted jar	26	6
Coles Creek Incised	<i>Blakely</i>	beaker	-	< 5
Coles Creek Incised	<i>Campbells.</i>	beaker	-	< 5
Coles Creek Incised	<i>Campbells.</i>	deep bowl	38	7
Coles Creek Incised	<i>Campbells.</i>	bowl	-	< 5
Coles Creek Incised	<i>Campbells.</i>	bowl	-	< 5
Coles Creek Incised	<i>Chase</i>	beaker/bowl	-	< 5
Coles Creek Incised	<i>Chase</i>	bowl	-	< 5
Coles Creek Incised	<i>Chase</i>	restricted jar/bowl	12	7
Coles Creek Incised	<i>Chase</i>	restricted jar/bowl	10	15

Coles Creek Incised	<i>Chase</i>	beaker/bowl/pipe	7	10
Coles Creek Incised	<i>Chase</i>	restricted bowl	14	10
Coles Creek Incised	<i>Chase</i>	restricted jar/bowl	12	9
Coles Creek Incised	<i>Chase</i>	deep bowl	25	5
Coles Creek Incised	<i>Chase</i>	beaker	14	7
Coles Creek Incised	<i>Chase</i>	bowl	20	7
Coles Creek Incised	<i>Chase</i>	restricted jar/bowl	14	8
Coles Creek Incised	<i>Chase</i>	beaker/bowl	-	< 5
Coles Creek Incised	<i>Chase</i>	bowl	20	7
Coles Creek Incised	<i>Chase</i>	bowl/pipe	6	11
Coles Creek Incised	<i>Chase</i>	beaker	32	7
Coles Creek Incised	<i>Chase</i>	bowl	9	10
Coles Creek Incised	<i>Chase</i>	bowl	11	7
Coles Creek Incised	<i>Chase</i>	deep bowl	20	5
Coles Creek Incised	<i>Chase</i>	bowl	25	6
Coles Creek Incised	<i>Chase</i>	bowl	-	< 5
Coles Creek Incised	<i>Chase</i>	bowl	-	< 5
Coles Creek Incised	<i>Coles Creek</i>	beaker	-	< 5
Coles Creek Incised	<i>Coles Creek</i>	restricted jar	-	< 5
Coles Creek Incised	<i>Coles Creek</i>	restricted jar	26	6
Coles Creek Incised	<i>Coles Creek</i>	beaker	20	6
Coles Creek Incised	<i>Coles Creek</i>	beaker	24	8
Coles Creek Incised	<i>Coles Creek</i>	beaker	19	8
Coles Creek Incised	<i>Coles Creek</i>	restricted jar	26	5
Coles Creek Incised	<i>Coles Creek</i>	beaker	21	7
Coles Creek Incised	<i>Coles Creek</i>	beaker	16	8
Coles Creek Incised	<i>Coles Creek</i>	beaker/deep bowl	29	5
Coles Creek Incised	<i>Coles Creek</i>	beaker	29	5
Coles Creek Incised	<i>Coles Creek</i>	beaker	-	< 5
Coles Creek Incised	<i>Coles Creek</i>	beaker	-	< 5
Coles Creek Incised	<i>Coles Creek</i>	beaker	17	5
Coles Creek Incised	<i>Coles Creek</i>	beaker	-	< 5
Coles Creek Incised	<i>Coles Creek</i>	beaker	24	6
Coles Creek Incised	<i>Greenhouse</i>	pipe	6	6
Coles Creek Incised	<i>Hunt</i>	restricted jar	24	7
Coles Creek Incised	<i>Hunt</i>	restricted jar	13	9
Coles Creek Incised	<i>Hunt</i>	restricted jar	-	< 5
Coles Creek Incised	<i>Hunt</i>	restricted jar/bowl	-	< 5
Coles Creek Incised	<i>Hunt</i>	restricted jar	27	6
Coles Creek Incised	<i>Hunt</i>	beaker/bowl	32	6
Coles Creek Incised	<i>Hunt</i>	restricted jar	-	< 5
Coles Creek Incised	<i>Hunt</i>	bowl/necked jar	14	9
Coles Creek Incised	<i>Hunt</i>	beaker	27	5
Coles Creek Incised	<i>Judd Bayou</i>	plate	-	< 5
Coles Creek Incised	<i>Mott</i>	beaker	19	6
Coles Creek Incised	<i>Mott</i>	beaker	-	< 5

Coles Creek Incised	<i>Mott</i>	restricted jar/bowl	-	< 5	
Coles Creek Incised	<i>Mott</i>	beaker	14		5
Coles Creek Incised	<i>Mott</i>	restricted jar	11		8
Coles Creek Incised	<i>Phillips</i>	bowl	35		5
Coles Creek Incised	<i>Phillips</i>	bowl	11		5
Coles Creek Incised	<i>Phillips</i>	beaker	13		6
Coles Creek Incised	<i>Phillips</i>	shallow bowl	28		8
Coles Creek Incised	<i>Phillips</i>	beaker/bowl	13		10
Coles Creek Incised	<i>Phillips</i>	restricted bowl	-	< 5	
Coles Creek Incised	<i>Phillips</i>	restricted bowl	9	6	
Coles Creek Incised	<i>Phillips</i>	bowl	15		8
Coles Creek Incised	<i>Phillips</i>	beaker	13		14
Coles Creek Incised	<i>Phillips</i>	restricted bowl	11	7	
Coles Creek Incised	<i>Phillips</i>	restricted bowl	7	15	
Coles Creek Incised	<i>Phillips</i>	deep bowl	9	10	
Coles Creek Incised	<i>Phillips</i>	deep bowl	23		7
Coles Creek Incised	<i>Phillips</i>	bowl	11		5
Coles Creek Incised	<i>Stoner</i>	bowl	21		7
Coles Creek Incised	<i>Stoner</i>	bowl	28		6
Coles Creek Incised	<i>Stoner</i>	bowl/necked jar	-	< 5	
Coles Creek Incised	<i>Stoner</i>	bowl	-	< 5	
Coles Creek Incised	<i>Stoner</i>	bowl	32		9
Coles Creek Incised	<i>Stoner</i>	bowl	-	< 5	
Coles Creek Incised	<i>Stoner</i>	restricted jar	21		12
Coles Creek Incised	<i>Stoner</i>	bowl	-	< 5	
Coles Creek Incised	<i>Stoner</i>	bowl	-	< 5	
Coles Creek Incised	<i>Stoner</i>	bowl	-	< 5	
Coles Creek Incised	<i>Stoner</i>	beaker	-	< 5	
Coles Creek Incised	<i>Stoner</i>	restricted jar/bowl	-	< 5	
Coles Creek Incised	<i>Stoner</i>	deep bowl/beaker	11		8
Coles Creek Incised	<i>Stoner</i>	shallow bowl	27		8
Coles Creek Incised	<i>unspecified</i>	restricted jar	17		7
Coles Creek Incised	<i>unspecified</i>	restricted jar	15		5
Coles Creek Incised	<i>unspecified</i>	restricted jar	12		11
Evansville Punctated	<i>Rhinehart</i>	bowl	22		8
French Fork Incised	<i>Laborde</i>	deep bowl	19		10
French Fork Incised	<i>Laborde</i>	beaker	31		6
French Fork Incised	<i>Laborde</i>	restricted bowl	16	9	
French Fork Incised	<i>Larkin</i>	restricted jar/bowl	-	< 5	
French Fork Incised	<i>Larkin</i>	restricted jar/bowl	14		7
French Fork Incised	<i>unspecified</i>	restricted bowl	26	6	
French Fork Incised	<i>unspecified</i>	plate	-	< 5	
French Fork Incised	<i>unspecified</i>	bowl/necked jar	10	10	
Larto Red Slipped	<i>Larto</i>	shallow bowl/plate	-	< 5	
Larto Red Slipped	<i>Larto</i>	shallow bowl/plate	-	< 5	
Larto Red Slipped	<i>Larto</i>	bowl	-	< 5	

Leland Incised	<i>unspecified</i>	bowl	21	6
Mazique Incised	<i>Kings Point</i>	restricted bowl	-	< 5
Mazique Incised	<i>Kings Point</i>	restricted bowl	-	< 5
Mazique Incised	<i>Manchac</i>	beaker	10	4
Mazique Incised	<i>Mazique</i>	restricted jar	15	8
Mazique Incised	<i>Mazique</i>	beaker	16	10
Mazique Incised	<i>Mazique</i>	beaker	25	5
Mazique Incised	<i>Mazique</i>	restricted jar	22	8
Mazique Incised	<i>Mazique</i>	necked jar	10	9
Mazique Incised	<i>Mazique</i>	beaker	16	10
Mazique Incised	<i>unspecified</i>	restricted jar	-	< 5
Mississippi Plain	<i>unspecified</i>	deep bowl	16	8
Mississippi Plain	<i>unspecified</i>	bowl	25	6
Mississippi Plain	<i>unspecified</i>	bowl	25	5
Mississippi Plain	<i>unspecified</i>	bowl	25	7
Mississippi Plain	<i>unspecified</i>	deep bowl	25	6
Plaquemine Brushed	<i>Plaquemine</i>	beaker	-	< 5
Plaquemine Brushed	<i>Plaquemine</i>	beaker	13	8
Plaquemine Brushed	<i>Plaquemine</i>	flaring rim jar	12	8
Unclassified decorated	-	bowl/necked jar	19	5
Unclassified decorated	-	restricted bowl	9	11
Unclassified decorated	-	deep bowl/beaker	-	< 5
Unclassified decorated	-	restricted jar	14	7

Interpretation

Coring and excavation at Smith Creek have shown that the landscape was heavily utilized, both on and off the mounds. Our excavations in Mound A revealed at least two mound construction episodes dating to the Anna phase. Due to the small size of our excavation and its location on the toe of the mound, we are certain that many earlier fill episodes and mound surfaces will be encountered should additional excavations be conducted. Midden deposits on the mound surface encountered in Mound A. Coring on the eastern mound slope suggest that flank middens associated with activities on the mound summit are present. Excavations targeting these deposits would provide a more complete constructional history of Mound A, a more accurate date for the beginning of mound construction, and data on mound summit use. Mound B was not targeted during this season, but prior excavations ascertained that it was a burial mound. Lack of detailed records from these excavations preclude us from confidently dating the construction of the mound, however Sibley's collections overall suggest that the excavated portion of Mound C was constructed relatively late in the site's occupational history. Like the burial mound at Feltus, a nearby Coles Creek site, Mound B is surrounded by a constructed ditch and may also have a constructed platform extending towards the plaza. Our excavations in Mound C revealed at least three mound construction episodes, though it is likely that there are additional fill episodes and mound surfaces both above and below the limits of our excavation. Ceramic materials suggest that mound construction took place during the Balmoral phase, though it may have begun much earlier. Again, features and trash deposits on the mound surfaces suggest that further excavation

could reveal patterns of summit use. Coring and excavation in the plaza revealed a massive deposit of sediment and cultural material throughout the eastern plaza. Though the stratigraphy does not show obvious breaks in deposition, the ceramics from this fill suggest that it accumulated over a long period of time, likely during the Ballina, Balmoral, Gordon, and Anna phases. Further excavation in this deposit could determine whether this is constructional fill that was deposited quickly or a gradual accumulation of midden, and also help to develop a site-specific ceramic chronology. In addition to the areas that we excavated, we know that the midden in the southern plaza remains intact. Future excavations in this area may help to determine if this deposition pre- or post-dates the construction of the mounds and if Smith Creek shows the typical Baytown and Coles Creek pattern of a pre-mound ring of midden surrounding the plaza.

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Ellis, Randy

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Anonymous

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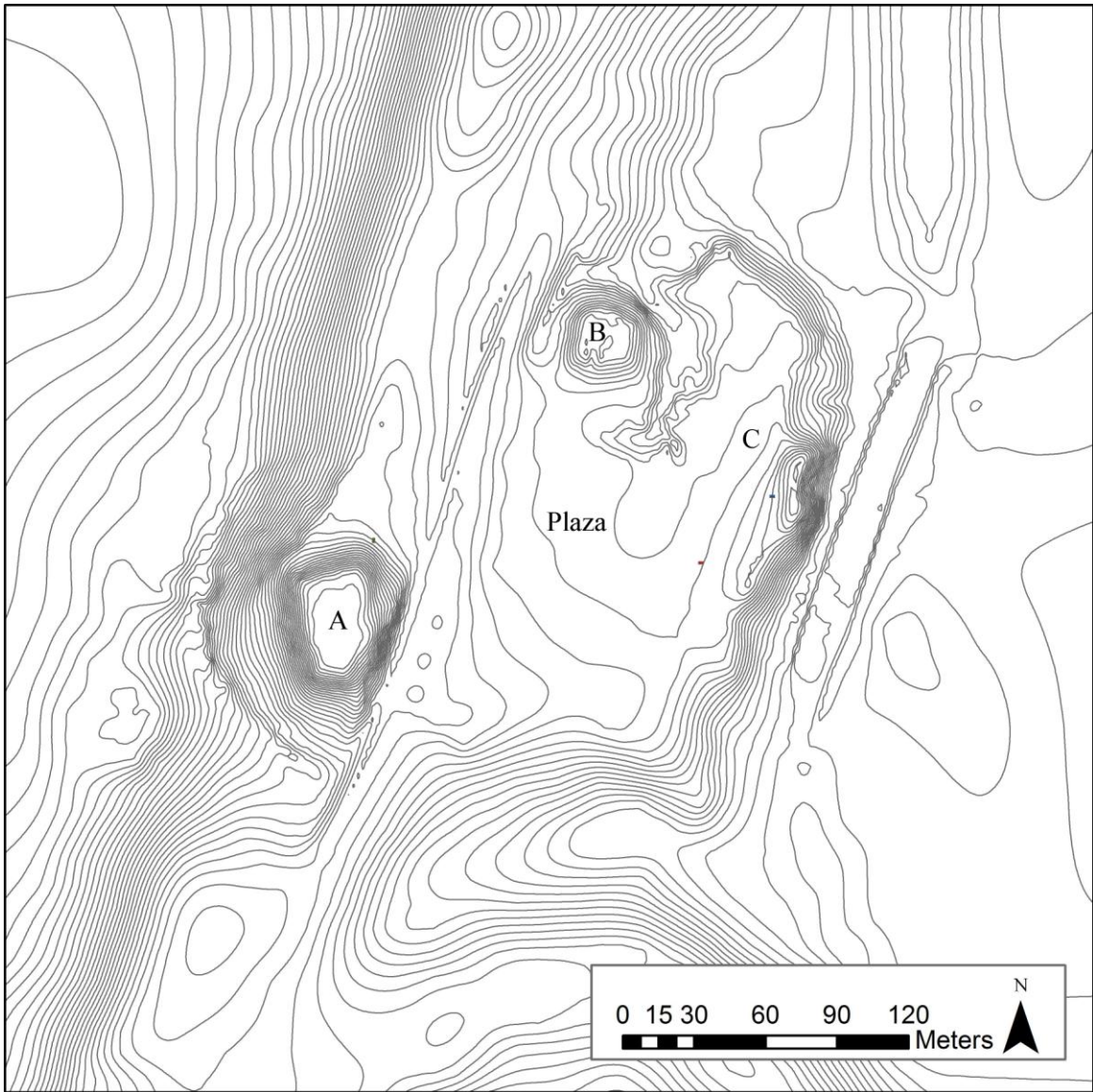


Figure 10.1. Smith Creek, site map. Contour interval, 50 cm.

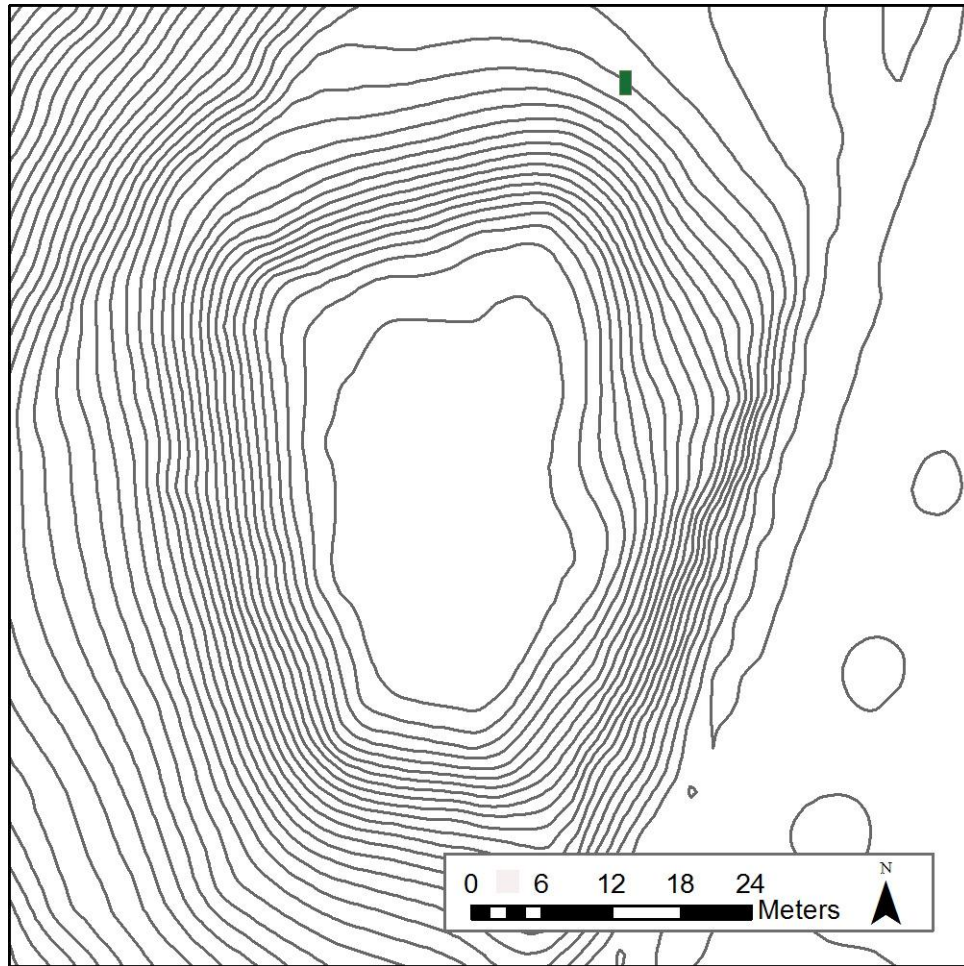


Figure 10.2. Smith Creek, Mound A, excavation unit map. Contour interval, 50 cm.

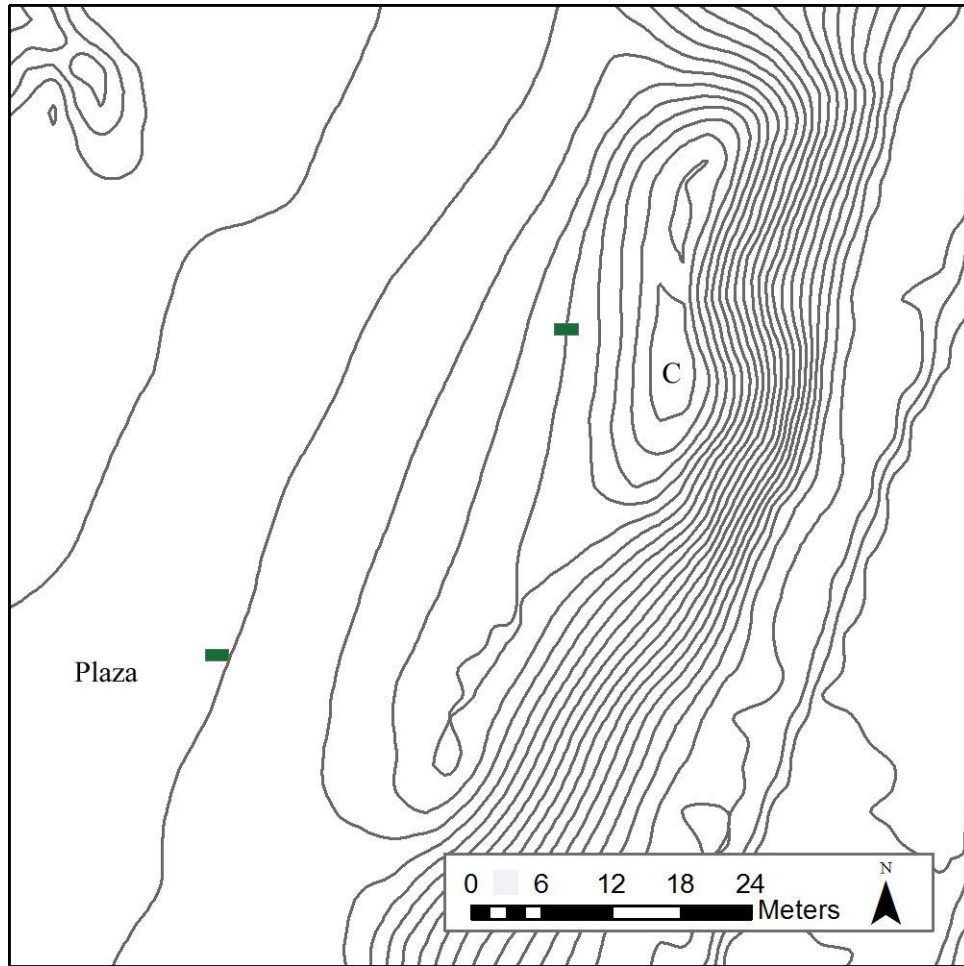


Figure 10.3. Smith Creek, Mound C and Plaza, excavation unit map. Contour interval, 50 cm.

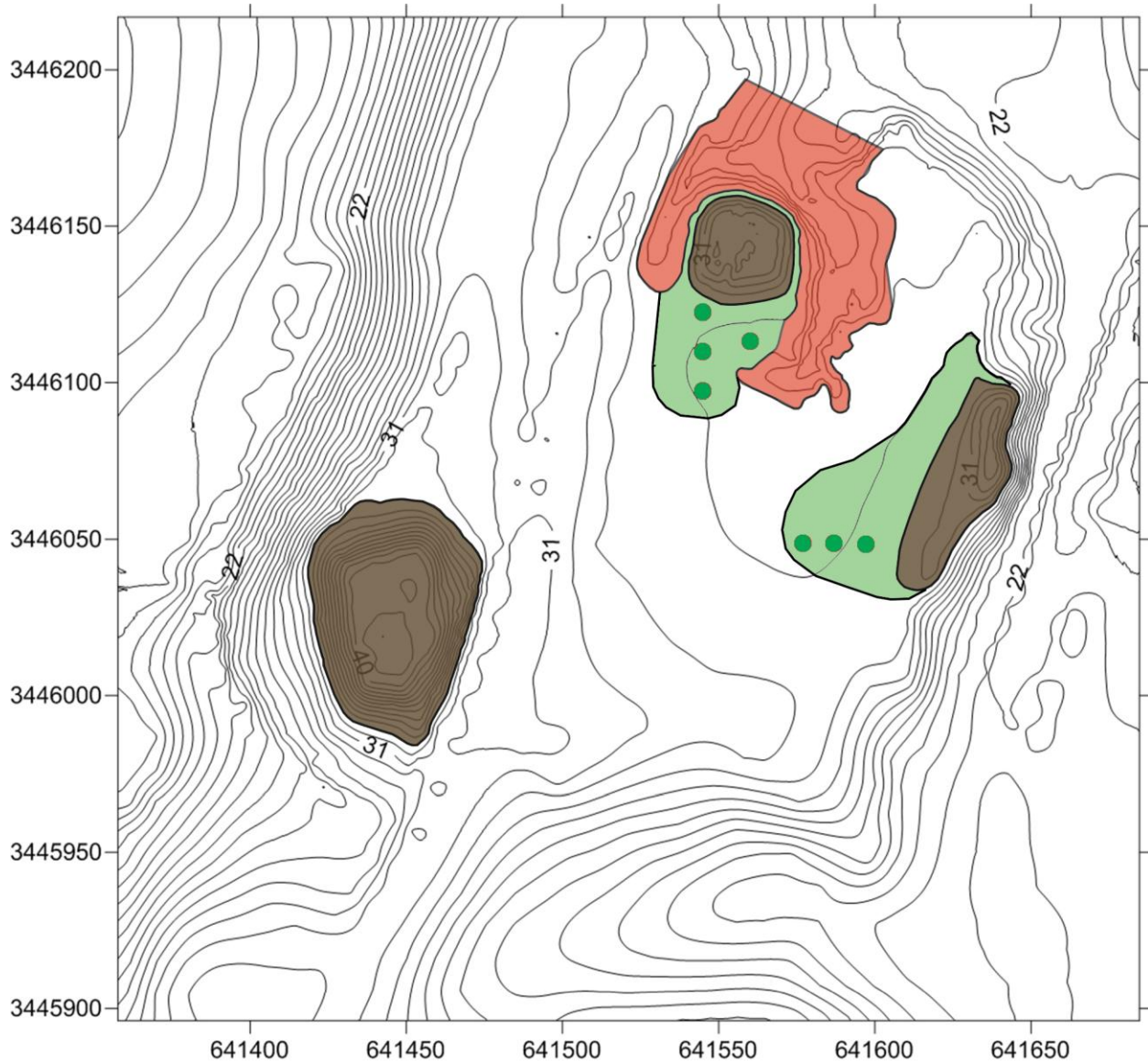


Figure 10.4. Smith Creek, coring results. Clearly identifiable mound fill is shaded brown, additional constructional fill is shaded green, and areas where earth was removed are shaded red. Contour interval, 50 cm.

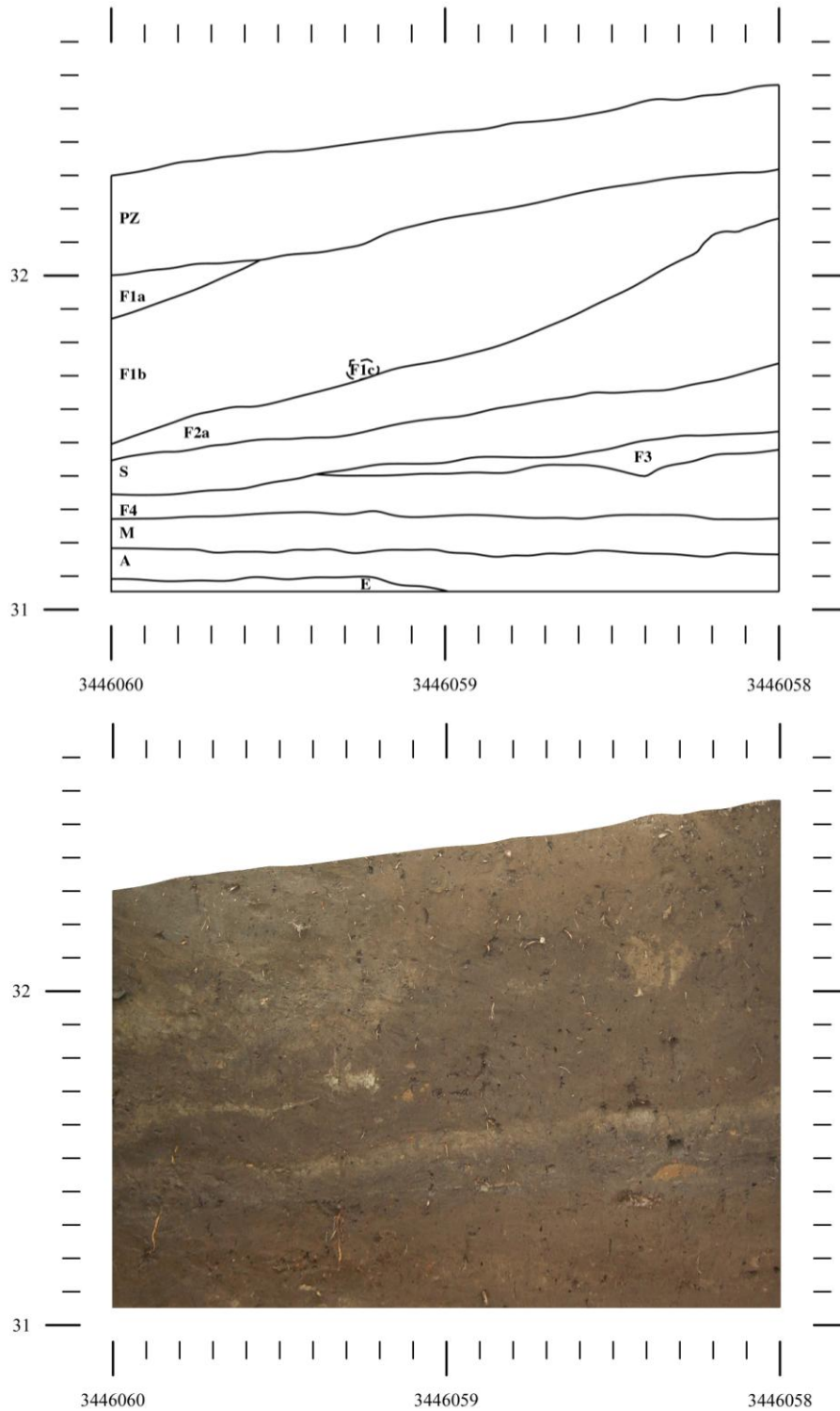


Figure 10.5. Smith Creek, Mound A, TU-1, east profile. Key: (PZ) plow zone; (F1) basket-loaded brown and gray mound fill; (F2) homogenous very dark gray mound fill; (S) mound surface with thin layer of wash on top of it; (F3) dark brown mound fill with some charcoal; (F4) homogenous dark gray mound fill; (M) midden heavily mottled with charcoal and fired clay; (A) buried A-horizon; (E) E-horizon.

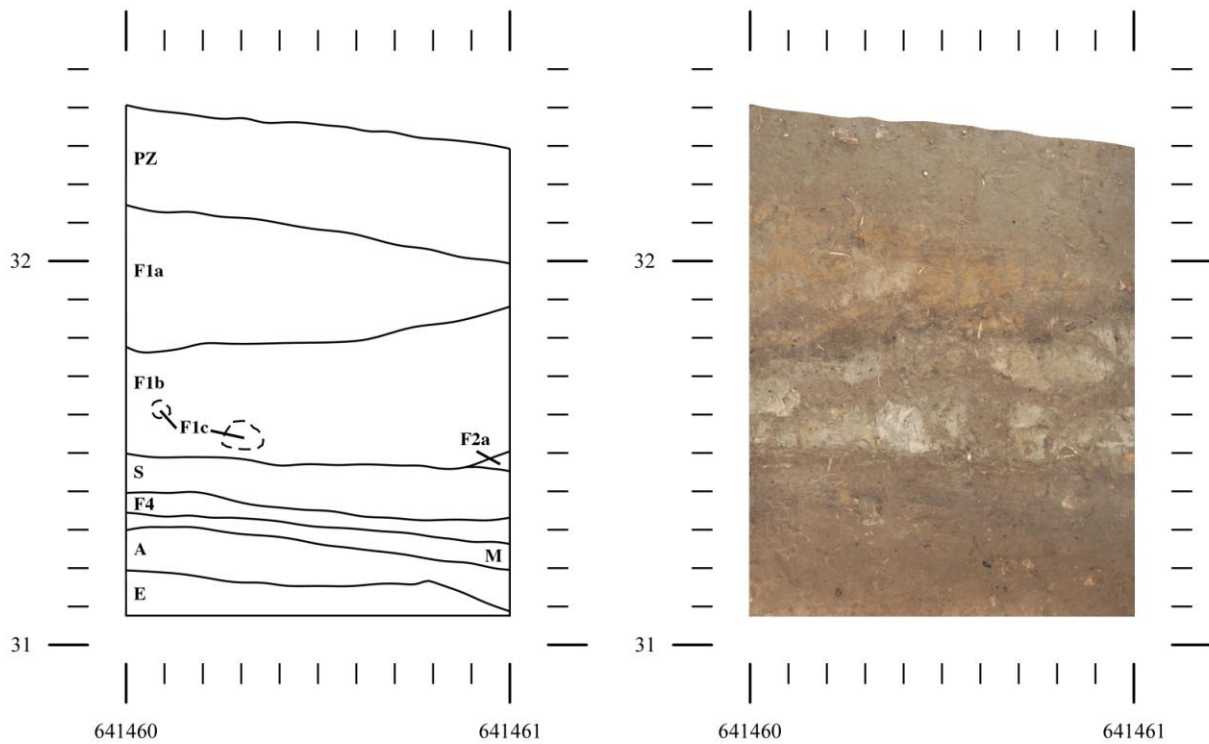


Figure 10.6. Smith Creek, Mound A, TU-1, north profile. Key: (PZ) plow zone; (F1) basket-loaded brown and gray mound fill; (F2) homogenous very dark gray mound fill; (S) mound surface with thin layer of wash on top of it; (F4) homogenous dark gray mound fill; (M) midden heavily mottled with charcoal and fired clay; (A) buried A-horizon; (E) E-horizon.

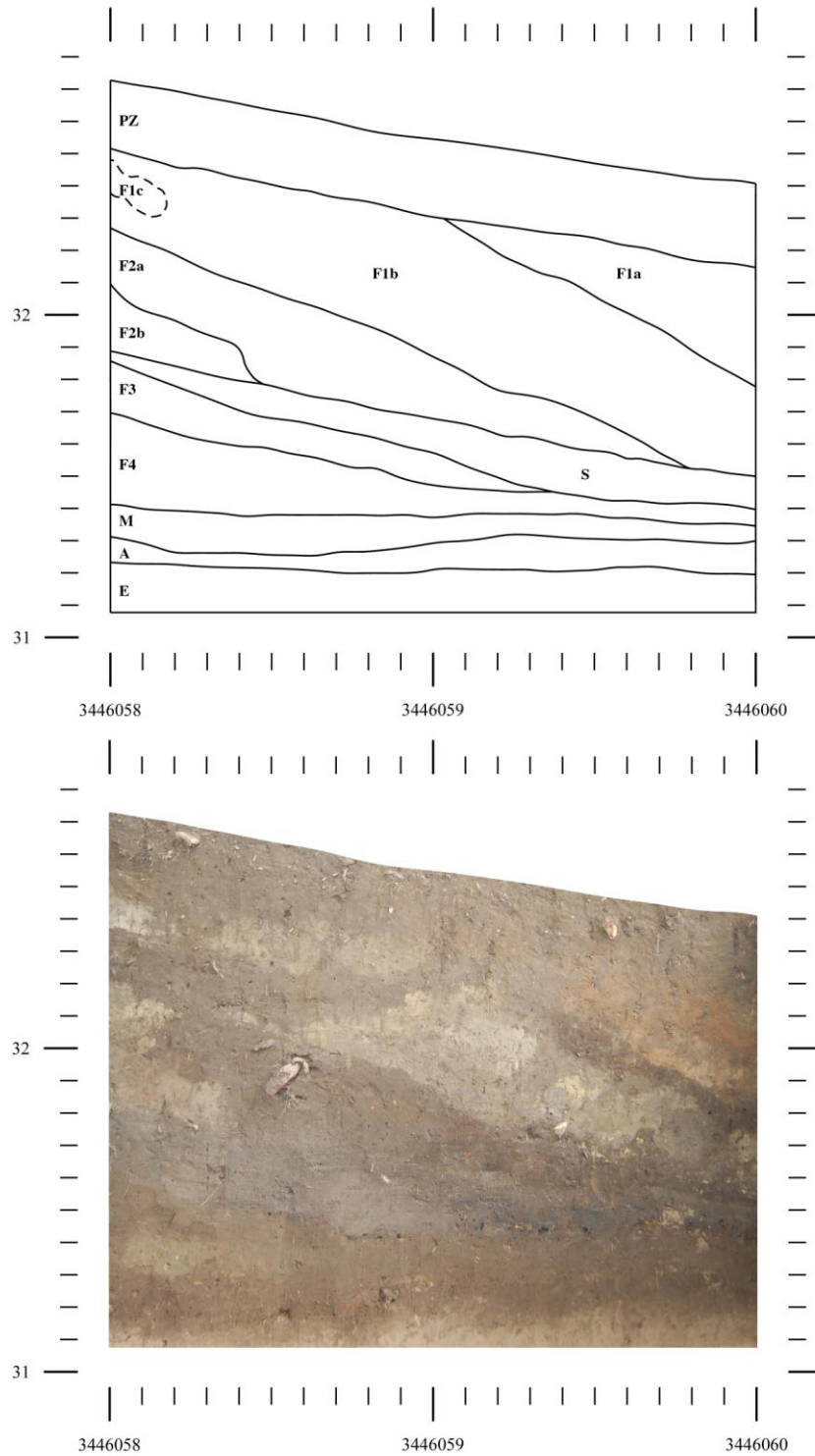


Figure 10.7. Smith Creek, Mound A, TU-1, west profile. Key: (PZ) plow zone; (F1) basket-loaded brown and gray mound fill; (F2) homogenous very dark gray mound fill; (S) mound surface with think layer of wash on top of it; (F3) dark brown mound fill with some charcoal; (F4) homogenous dark gray mound fill; (M) midden heavily mottled with charcoal and fired clay; (A) buried A-horizon; (E) E-horizon.

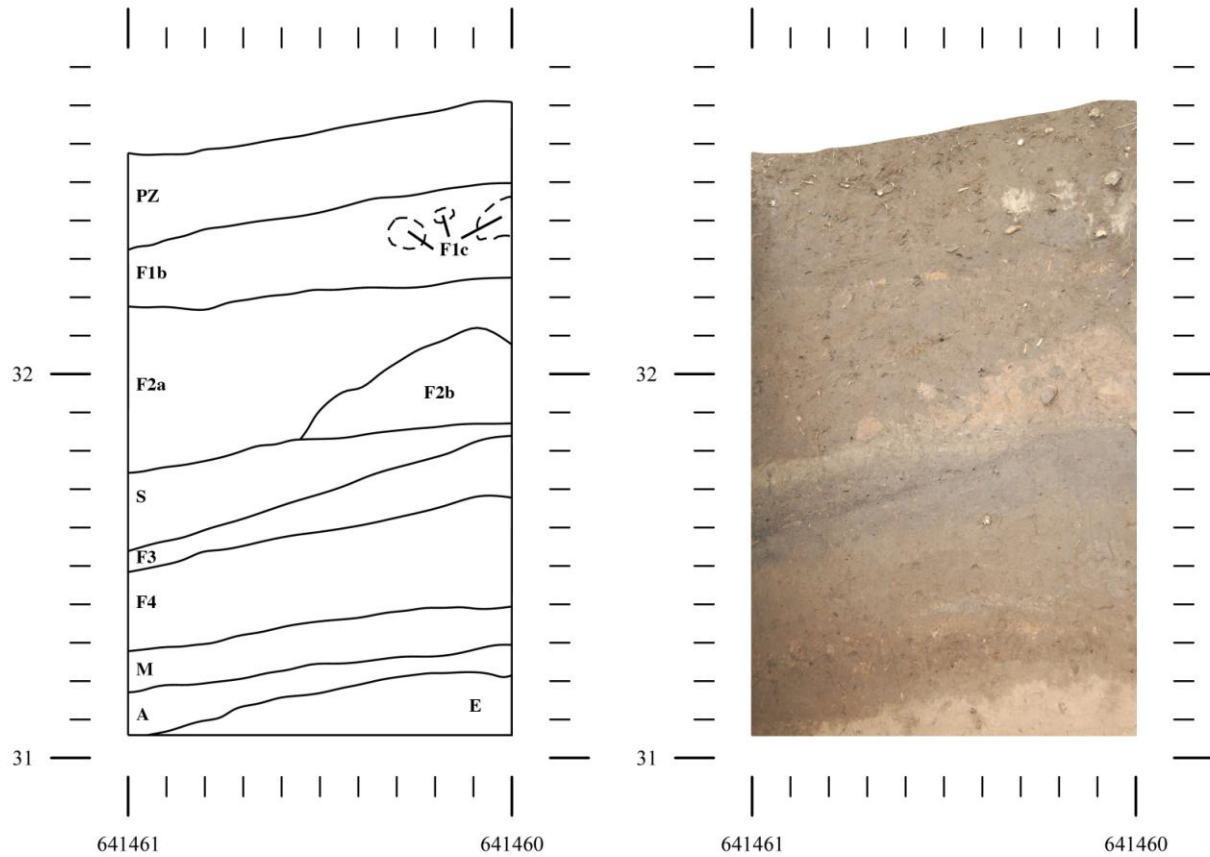


Figure 10.8. Smith Creek, Mound A, TU-1, south profile. Key: (PZ) plow zone; (F1) basket-loaded brown and gray mound fill; (F2) homogenous very dark gray mound fill; (S) mound surface with think layer of wash on top of it; (F3) dark brown mound fill with some charcoal; (F4) homogenous dark gray mound fill; (M) midden heavily mottled with charcoal and fired clay; (A) buried A-horizon; (E) E-horizon.

Table 10.1. Smith Creek, Mound A, TU-1, recovered material > 0.25 inches.

Context	Historics	Lithics	Fired Clay		Daub		Pebbles		Other	Other Description
			count	wt. (g)	count	wt. (g)	count	wt. (g)		
Level 1	2	7	2	6	1	2	6	46	9	bone fragments
Level 2	-	11	18	39	-	-	21	89	1	unidentified
Level 3, Zone A	-	9	35	41	3	6	27	103	13	bone fragments
Level 3, Zone B	-	9	35	60			10	38	46	bone fragments
Level 4	-	5	10	16	4	9	9	50	25	20 bone fragments; 5 charcoal
Level 5	-	21	94	75	46	45	15	44	100	80 bone fragments; 12 charcoal; 8 unidentified
Feature 5	-	1	-	-	-	-	-	-	-	
Total	2	63	194	237	54	62	88	370	194	

Table 10.2. Smith Creek, Mound A, TU-1, pottery counts.

Context	Avoyelles Punctated, var. Dupree	Carter Engraved, var. Carter	Colos Creek Incised, var. Chase	Colos Creek Incised, var. Colos Creek	Colos Creek Incised, var. Phillips	Colos Creek Incised, var. Stoner	Evansville Punctated, var. Sharkey	French Fork Incised, var. Laborde	French Fork Incised, var. McNitt	French Fork Incised, var. Wilzone	Mazique Incised, var. Kings Point	Mulberry Creek Cord-Marked, var. Edwards	Mulberry Creek Cord-Marked, var. Smith Creek	Plaquemine Brushed, var. Plaquemine	Anna Incised, var. Unspecified	Avoyelles Punctated, var. Unspecified	Chevalier Stamped, var. Unspecified	Colos Creek Incised, var. Unspecified	Larto Red, var. Unspecified	Mazique Incised, var. Unspecified	Mulberry Creek Cord-Marked, var. Unspecified	Unclassified Brushed	Unclassified Incised	Unclassified Punctated	Unclassified Plain (Rims)	Unclassified Plain (Body)	Unclassified	Total
Level 1	-	-	2	-	3	-	-	-	-	-	1	-	2	1	-	-	1	-	-	1	1	1	2	-	11	128	-	154
Level 2	-	1	1	2	2	-	-	-	-	1	-	1	3	7	-	-	1	1	-	3	3	-	4	-	15	212	-	257
Level 3, Zone A	1	-	3	1	3	-	1	-	-	-	-	-	3	2	-	1	1	1	1	-	1	-	1	-	15	217	-	252
Level 3, Zone B	-	-	4	2	4	3	-	-	-	-	-	-	1	-	-	1	-	-	-	-	1	-	1	-	7	191	-	215
Zone B2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Zone C	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Zone E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
Level 4	-	-	4	-	2	1	-	1	1	-	-	-	3	-	-	-	-	-	-	-	1	-	3	1	23	720	1	761
Level 5	-	-	2	-	1	-	-	-	-	-	1	-	1	-	2	1	1	-	-	1	-	-	4	-	16	224	-	254
Feature 5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wall Cleaning	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	2
Total	1	1	17	5	16	4	1	1	1	1	2	1	13	10	2	3	4	2	1	5	8	1	15	1	87	1695	1	1899

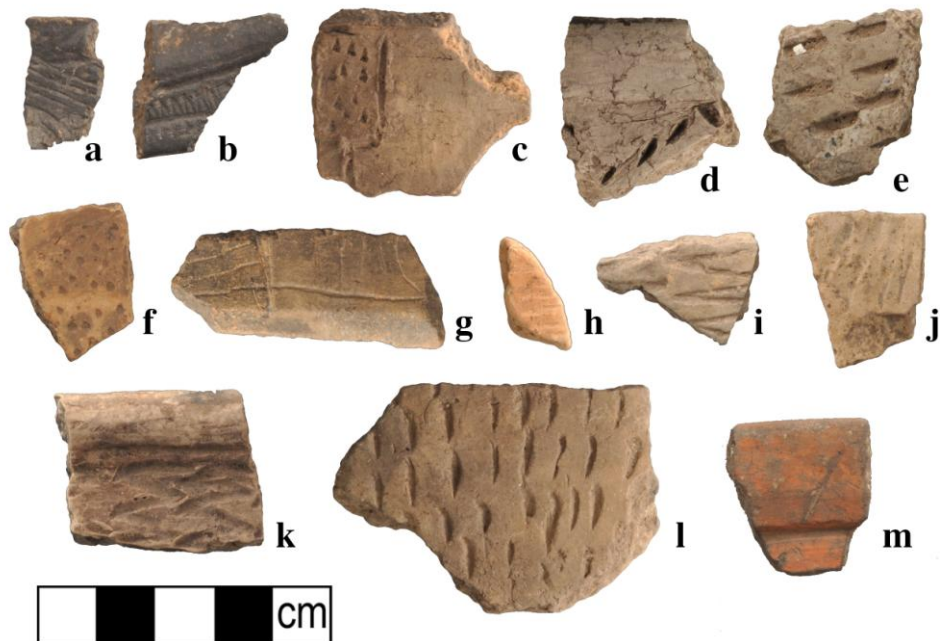


Figure 10.9. Smith Creek, Mound A, TU-1, decorated pottery. (a-b) Anna Incised, var. *unspecified*; (c) Avoyelles Punctated, var. *Dupree*; (d-f) Avoyelles Punctated, var. *unspecified*; (g) Carter Engraved, var. *Carter*; (h-k) Chevalier Stamped, var. *unspecified*; (l) Evansville Punctated, var. *Sharkey*; (m) Larto Red, var. *Larto*.



Figure 10.10. Smith Creek, Mound A, TU-1, decorated pottery, Coles Creek Incised, *var. Chase*.



Figure 10.11. Smith Creek, Mound A, TU-1, decorated pottery, Coles Creek Incised, *var. Phillips*.



Figure 10.12. Smith Creek, Mound A, TU-1, decorated pottery, Coles Creek Incised. (a-e) *var. Coles Creek*; (f-h) *var. Stoner*; (i-j) *var. unspecified*.



Figure 10.13. Smith Creek, Mound A, TU-1, decorated pottery, French Fork Incised. (a) *var. McNutt*; (b) *var. Laborde*; (c) *var. Wilzone*.

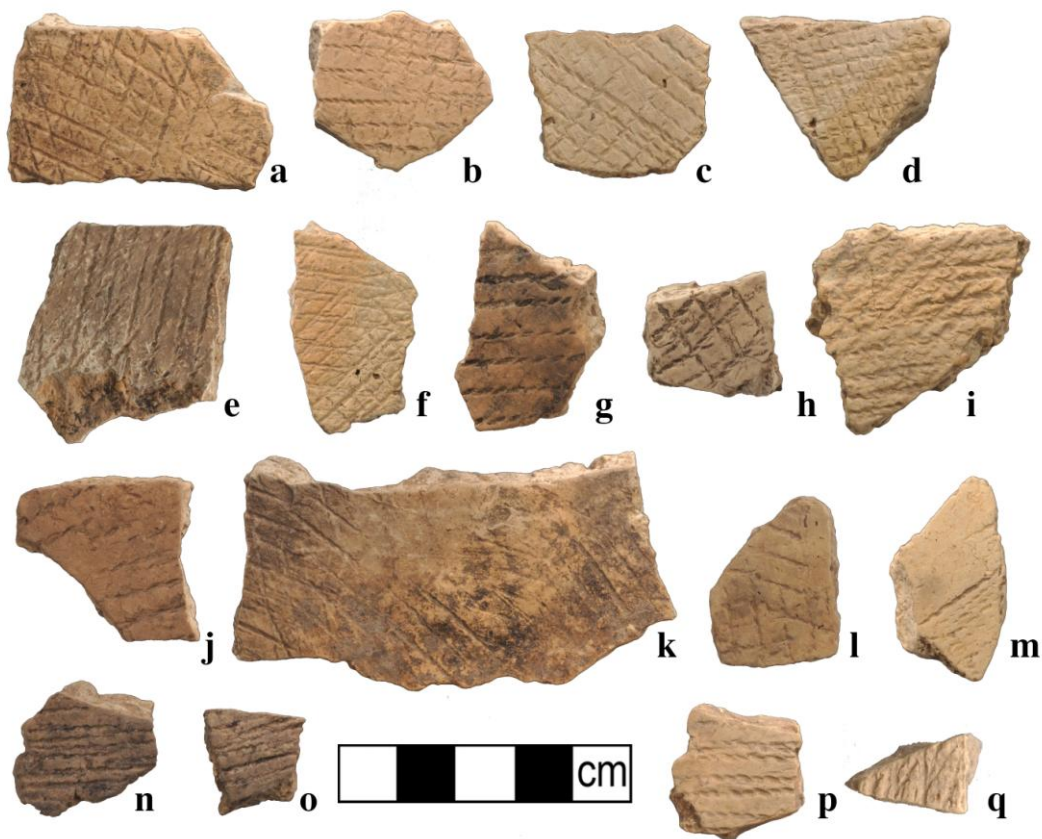


Figure 10.14. Smith Creek, Mound A, TU-1, decorated pottery, Mulberry Creek Cord-Marked. (a-h) var. *Smith Creek*; (i) var. *Edwards*; (j-q) var. *unspecified*.



Figure 10.15. Smith Creek, Mound A, TU-1, decorated pottery, Plaquemine Brushed, var. *Plaquemine*.



Figure 10.16. Smith Creek, Mound A, TU-1, unclassified decorated pottery.



Figure 10.17. Smith Creek, Mound A, TU-1, plain pottery.

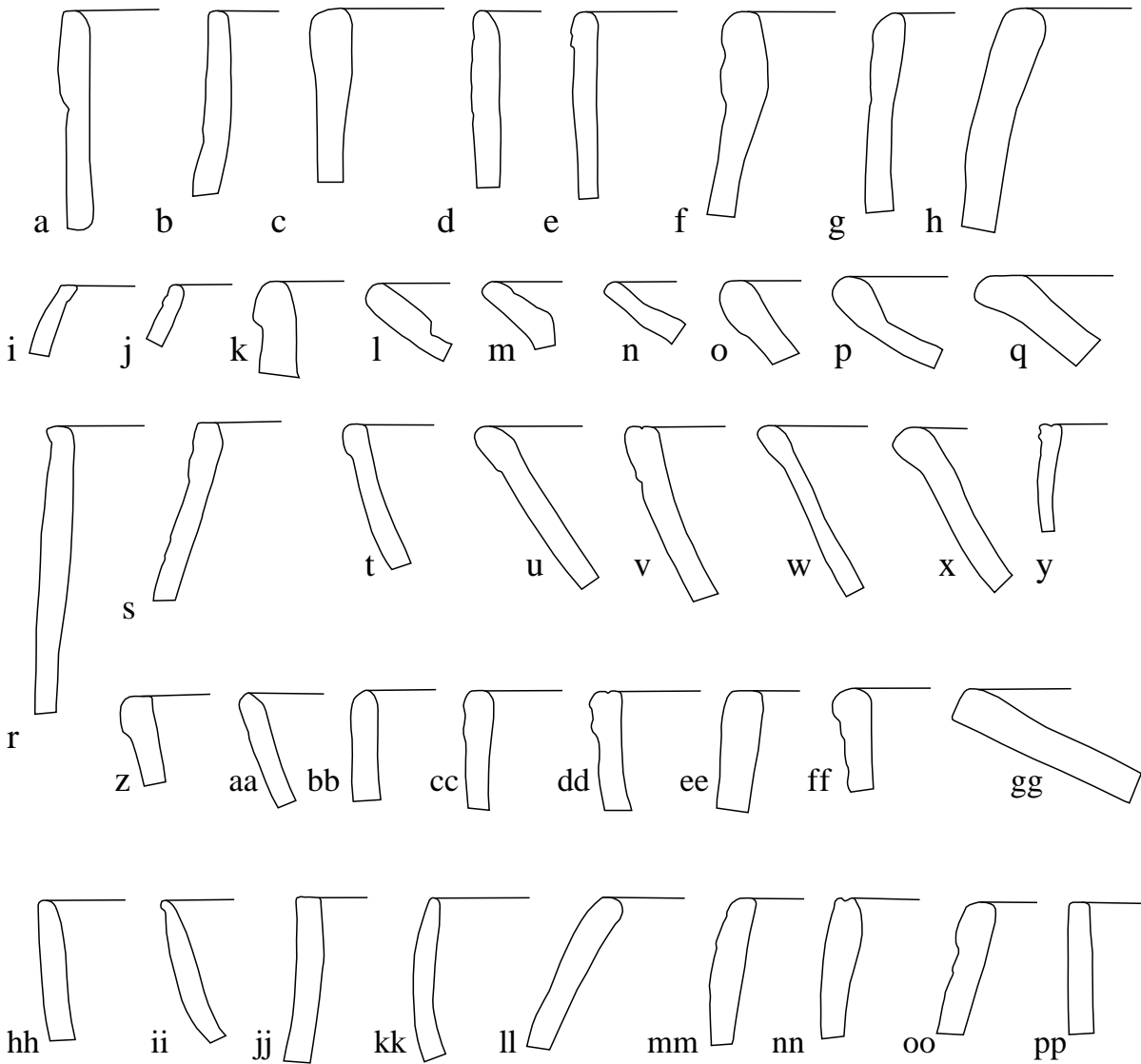


Figure 10.18. Smith Creek, Mound A, TU-1, rim profiles. (a) Coles Creek Incised, *var. Stoner*, beaker/deep bowl, 25 cm rim diameter, (b) Coles Creek Incised, *var. Stoner*, restricted jar, 20 cm rim diameter, (c) Baytown Plain, *var. unspecified*, beaker, 20 cm rim diameter, (d) Coles Creek Incised, *var. Coles Creek*, beaker, 20 cm rim diameter, (e) Coles Creek Incised, *var. Chase*, beaker, 17 cm rim diameter, (f) Coles Creek Incised, *var. Chase*, restricted jar, 40 cm rim diameter, (g) Baytown Plain, *var. unspecified*, deep bowl, 45 cm rim diameter, (h) Baytown Plain, *var. unspecified*, restricted jar, 50 cm rim diameter, (i) Coles Creek Incised, *var. Phillips*, restricted jar/bowl, 17 cm rim diameter, (j) Coles Creek Incised, *var. Chase*, restricted bowl, 11 cm rim diameter, (k) Coles Creek Incised, *var. Phillips*, bowl, 21 cm rim diameter, (l) Larto Red Filmed, *var. Larto*, shallow bowl for which vessel size could not be identified, (m) Anna Incised, *var. unspecified*, bowl for which vessel size could not be identified, (n) Anna Incised, *var. unspecified*, shallow bowl/plate for which vessel size could not be identified, (o) Coles Creek

Incised, *var. Phillips*, bowl for which vessel size could not be identified, (p) Baytown Plain, *var. unspecified*, shallow bowl for which vessel size could not be identified, (q) Baytown Plain, *var. unspecified*, shallow bowl, 25 cm rim diameter, (r) Mazique Incised, *var. unspecified*, restricted jar, 20 cm rim diameter, (s) French Fork Incised, *var. Wilzone*, restricted jar/bowl for which vessel size could not be identified, (t) Coles Creek Incised, *var. Phillips*, bowl, 20 cm rim diameter, (u) Coles Creek Incised, *var. Phillips*, bowl for which vessel size could not be identified, (v) Coles Creek Incised, *var. Phillips*, bowl, 12 cm rim diameter, (w) Baytown Plain, *var. unspecified*, bowl, 30 cm rim diameter, (x) Baytown Plain, *var. unspecified*, bowl, 30 cm rim diameter, (y) Coles Creek Incised, *var. Chase*, bowl, 15 cm rim diameter, (z) Coles Creek Incised, *var. Phillips*, deep bowl for which vessel size could not be identified, (aa) Coles Creek Incised, *var. Phillips*, deep bowl for which vessel size could not be identified, (bb) Baytown Plain, *var. unspecified*, deep bowl/beaker, 25 cm rim diameter, (cc) Coles Creek Incised, *var. Chase*, beaker/bowl, 30 cm rim diameter, (dd) Coles Creek Incised, *var. Chase*, deep bowl for which vessel size could not be identified, (ee) Coles Creek Incised, *var. Coles Creek*, restricted jar, 13 cm rim diameter, (ff) Chevalier Stamped, *var. unspecified*, beaker for which vessel size could not be identified, (gg) Baytown Plain, *var. unspecified*, shallow bowl/plate, 50 cm rim diameter, (hh) Baytown Plain, *var. unspecified*, deep bowl/beaker for which vessel size could not be identified, (ii) Coles Creek Incised, *var. Phillips*, bowl, 25 cm rim diameter, (jj) Plaquemine Brushed, *var. Plaquemine*, restricted jar for which vessel size could not be identified, (kk) Baytown Plain, *var. unspecified*, bowl, 13 cm rim diameter, (ll) Unclassified punctated, restricted bowl/jar, 23 cm rim diameter, (mm) French Fork Incised, *var. Laborde*, restricted jar for which vessel size could not be identified, (nn) Coles Creek Incised, *var. Stoner*, restricted bowl, 27 cm rim diameter, (oo) Mazique Incised, *var. unspecified*, restricted bowl/jar for which vessel size could not be identified, (pp) Baytown Plain, *var. unspecified*, beaker, 19 cm rim diameter.

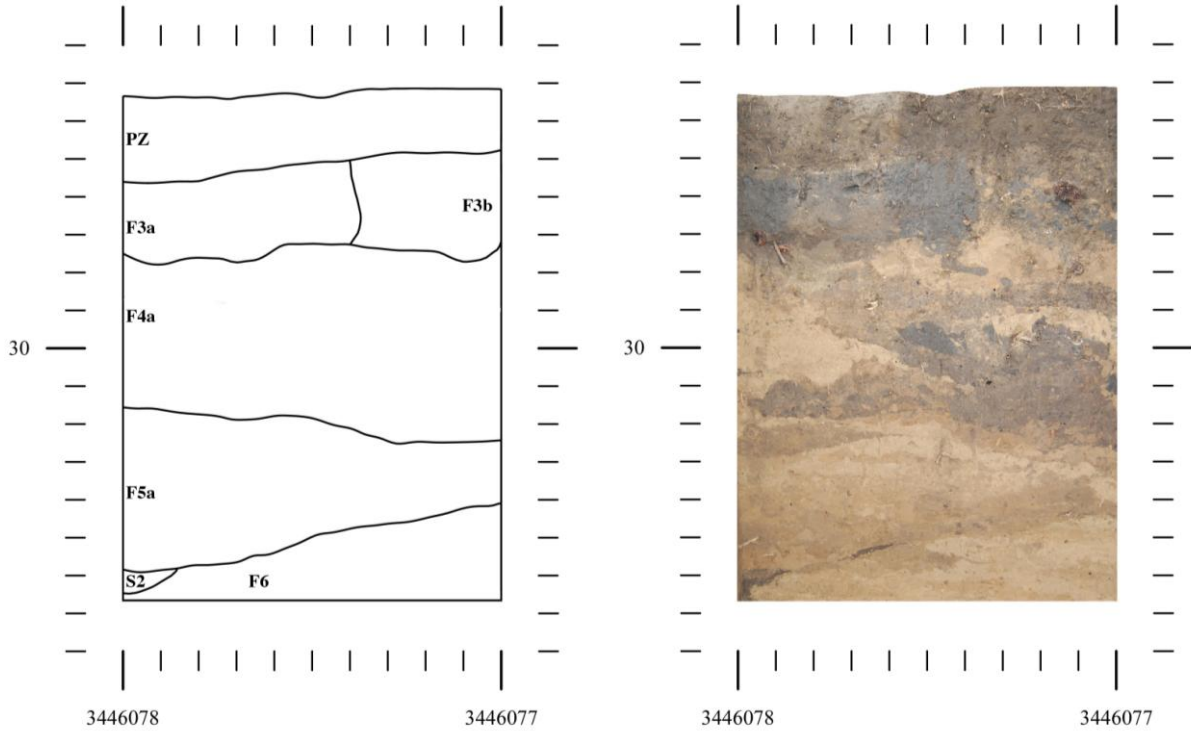


Figure 10.19. Smith Creek, Mound C, TU-2, east profile. Key: (PZ) plow zone; (F3) heavily mottled very dark grayish-brown mound fill; (F4) heavily basket-loaded zone consisting of yellowish-brown and very dark grayish-brown mound fill; (F5) lightly basket-loaded dark yellowish-brown mound fill; (S2) lower mound surface deposit; (F6) lightly basket-loaded dark yellowish-brown mound fill.

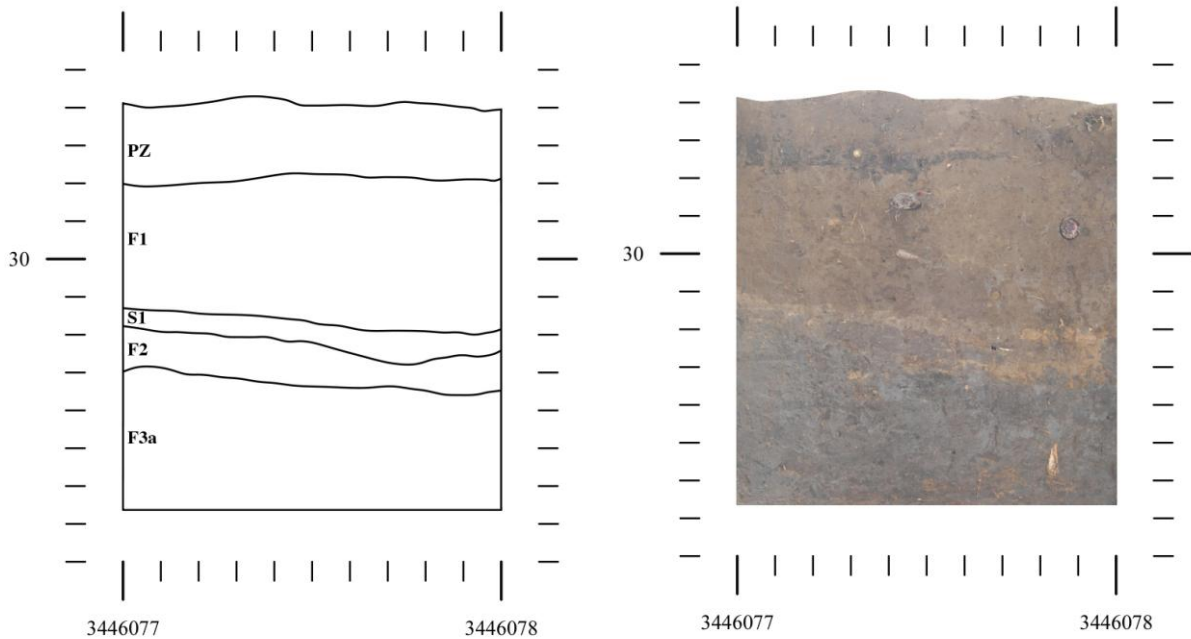


Figure 10.20. Smith Creek, Mound C, TU-2, west profile. Key: (PZ) plow zone; (F1) homogeneous brown mound fill; (S1) upper mound surface deposit; (F2) mottled very dark gray mound fill; (F3) heavily mottled very dark grayish-brown mound fill.

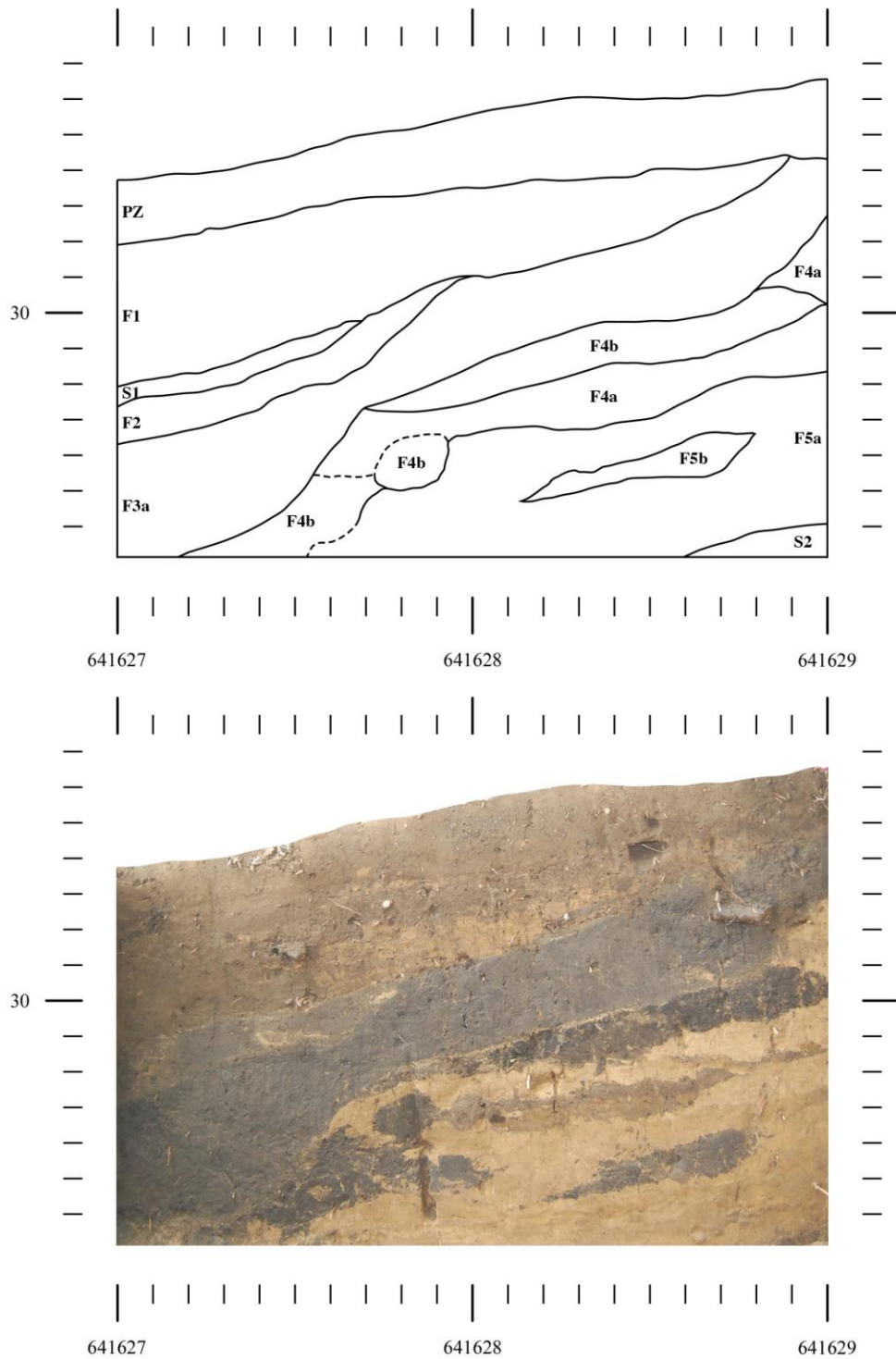


Figure 10.21. Smith Creek, Mound C, TU-2, north profile. Key: (PZ) plow zone; (F1) homogeneous brown mound fill; (S1) upper mound surface deposit; (F2) mottled very dark gray mound fill; (F3) heavily mottled very dark grayish-brown mound fill; (F4) heavily basket-loaded zone consisting of yellowish-brown and very dark grayish-brown mound fill; (F5) lightly basket-loaded dark yellowish-brown mound fill; (S2) lower mound surface deposit.

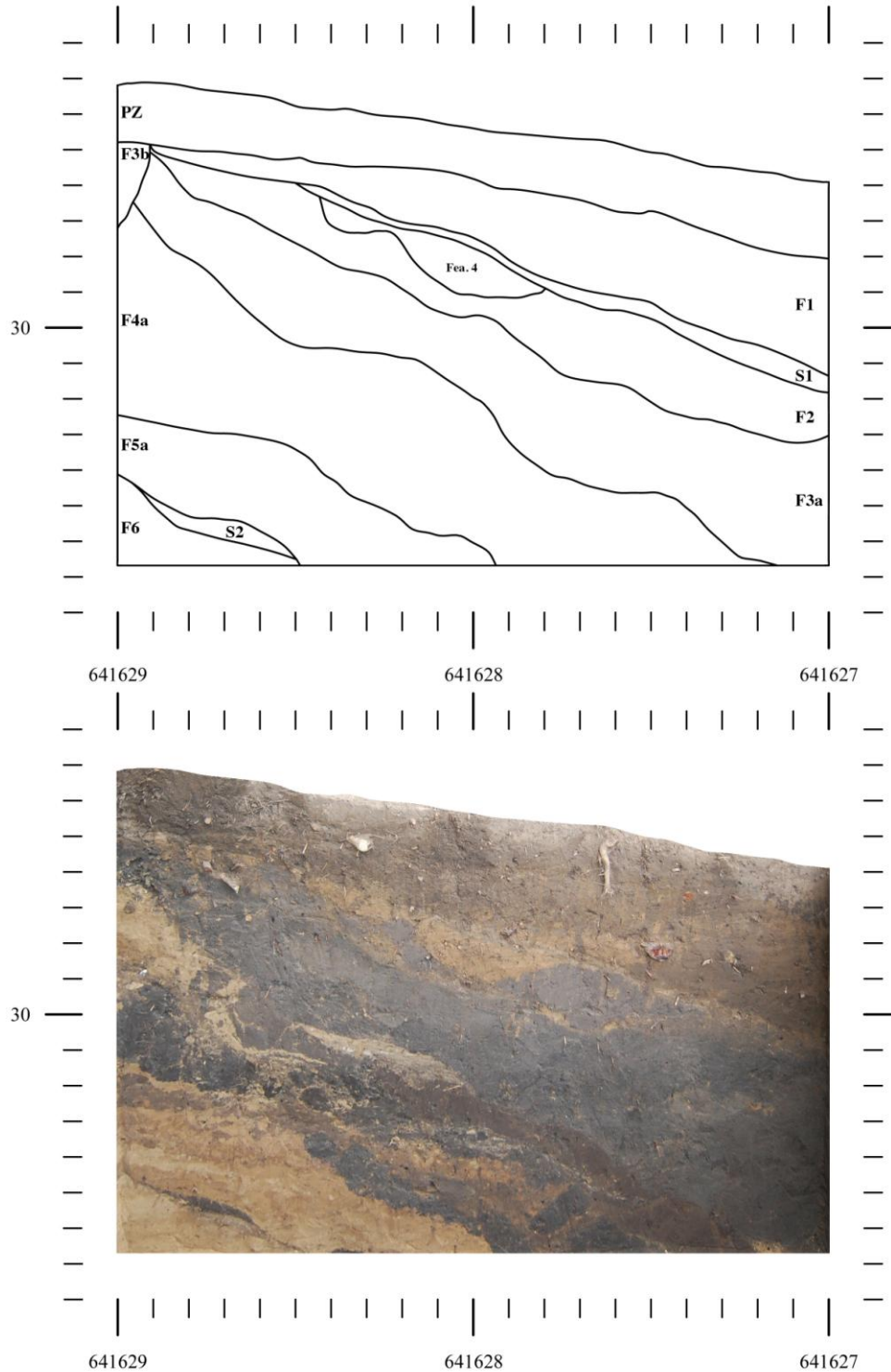


Figure 10.22. Smith Creek, Mound C, TU-2, south profile. Key: (PZ) plow zone; (F1) homogeneous brown mound fill; (S1) upper mound surface deposit; (Fea. 4) small pit extending down from S1; (F2) mottled very dark gray mound fill; (F3) heavily mottled very dark grayish-brown mound fill; (F4) heavily basket-loaded zone consisting of yellowish-brown and very dark grayish-brown mound fill; (F5) lightly basket-loaded dark yellowish-brown mound fill; (S2) lower mound surface deposit; (F6) lightly basket-loaded dark yellowish-brown mound fill.

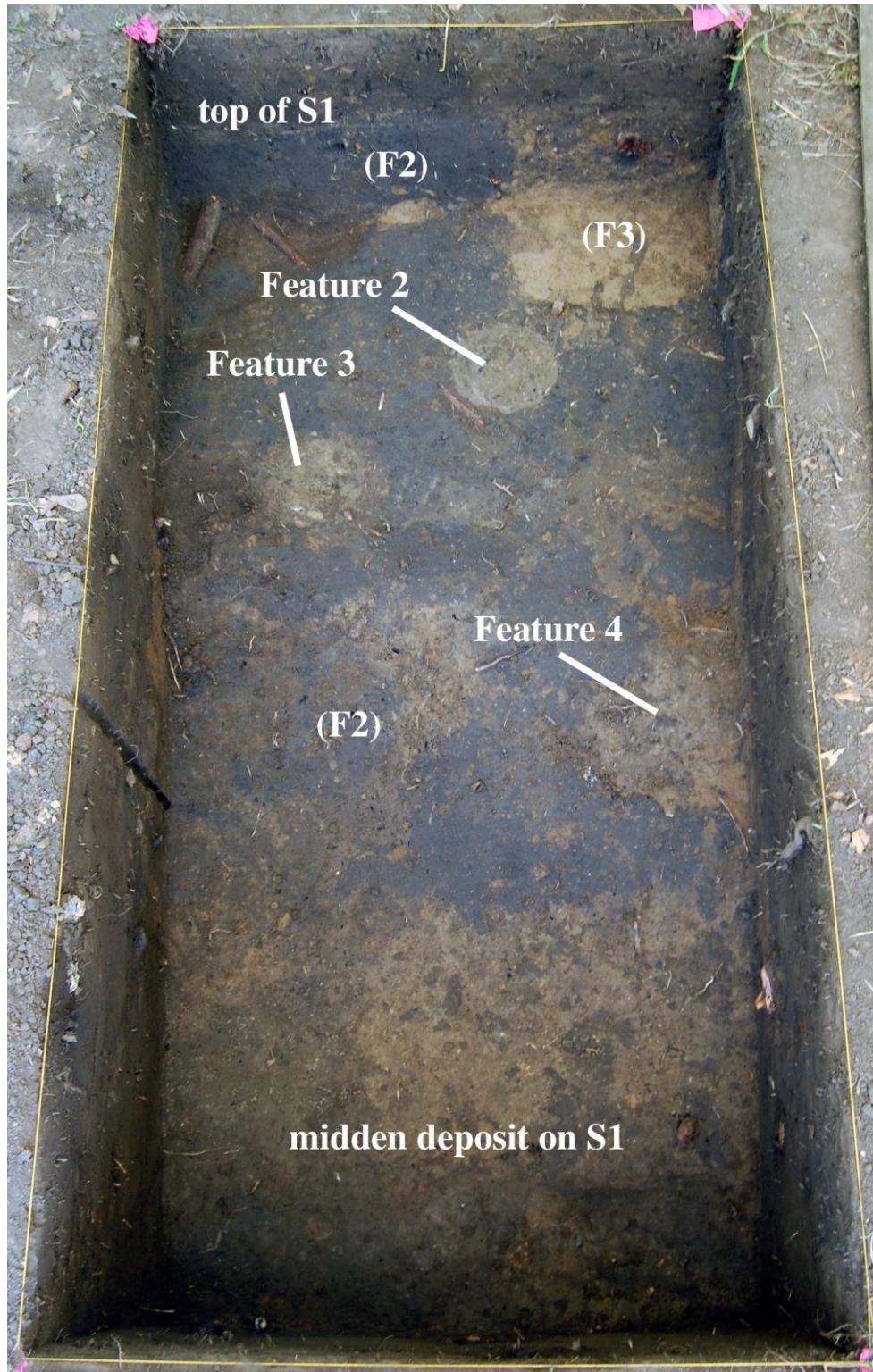


Figure 10.23. Smith Creek, Mound C, TU-2, base of Level 2. Showing the locations of Features 2, 3, and 4 as well as two episodes of fill (F2 and F3) in the eastern half of the unit, and the midden deposit on the upper mound surface (S1) in the western half. S1 is also visible in the eastern profile wall.

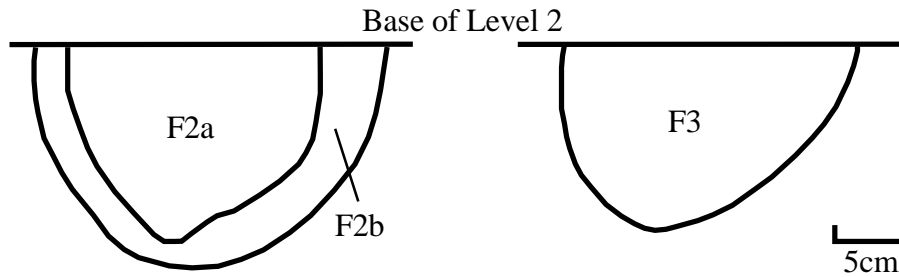


Figure 10.24. Smith Creek, Mound C, TU-2, feature profiles, facing east. Feature 4 profile is visible in the southern profile wall of TU-2 (see Figure 10.21).

Table 10.3. Smith Creek, Mound C, TU-2, recovered material > 0.25 inches.

Context	Historics	Lithics	Fired Clay		Daub		Pebbles		Other	Other Description
			count	wt. (g)	count	wt. (g)	count	wt. (g)		
Level 1	1	14	85	222	1	2	37	241	46	bone fragments
Level 2	-	2	58	161	-	-	21	144	26	bone fragments
Level 3, Zone A	-	-	4	8	-	-	-	-	1	bone fragment
Level 3, Zone B	-	5	22	56	1	1	1	5	24	bone fragments
Level 3	-	-	-	-	-	-	-	-	-	-
Level 4	-	2	34	37	-	-	144	332	107	98 bone fragments; 9 shell
Level 5, W half	-	-	1	7	-	-	1	5	7	6 bone fragments; 1 charcoal
Level 5, E half	-	5	19	52	-	-	31	133	82	mammal; 3 bones of small mammal (squirrel?); 6
Level 6	-	-	3	6	-	-	16	84	18	15 bone fragments; 2 canisters of friable bone; 1 possible shell
Zone F	-	-	-	-	-	-	-	-	?	numerous small fragments of bone
Feature 3	-	-	-	-	-	-	1	1	-	-
Feature 4	-	-	-	-	-	-	-	-	1	bone fragment
Wall Cleaning	-	1	1	1	-	-	-	-	4	bone fragments
Total	1	29	227	550	2	3	252	945	316	

Table 10.4. Smith Creek, Mound C, TU-2, pottery counts.

Context	Coles Creek Incised, var. Chase	Coles Creek Incised, var. Coles Creek	Coles Creek Incised, var. Hunt	Coles Creek Incised, var. Phillips	French Fork Incised, var. French Fork	French Fork Incised, var. Laborde	Mazique Incised, var. Kings Point	Mulberry Creek Cord-Marked, var. Smith Creek	Woodville Zoned Red, var. Woodville	Chevalier Stamped, var. Unspecified	French Fork Incised, var. Unspecified	Larto Red, var. Unspecified	Mazique Incised, var. Unspecified	Mulberry Creek Cord-Marked, var. Unspecified	Unclassified Incised	Unclassified Punctated	Unclassified Plain (Rims)	Unclassified Plain (Body)	Total
Level 1	2	1	-	-	-	-	-	3	1	-	-	-	2	2	3	-	12	226	252
Level 2	-	-	-	-	-	2	-	1	-	-	-	-	1	-	1	2	2	95	104
Level 3, Zone A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Level 3, Zone B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52	52
Level 3	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	5	-	6
Level 4	1	-	1	-	-	-	-	-	-	-	-	-	1	-	4	-	1	43	51
Level 5, W half	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	9
Level 5, E half	-	-	-	1	1	-	1	-	-	1	1	2	1	-	1	5	78	92	
Zone F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level 6	-	-	-	-	-	-	-	-	-	2	1	1	2	-	1	1	4	37	49
Feature 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3
Feature 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3
Wall Cleaning	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	7	8
Total	3	1	1	1	2	2	1	4	1	2	2	2	8	3	9	4	30	554	630



Figure 10.25. Smith Creek, Mound C, TU-2, decorated pottery, Coles Creek Incised. (a-c) var. Chase; (d) var. Coles Creek; (e) var. Hunt; (f) var. Phillips.



Figure 10.26. Smith Creek, Mound C, TU-2, decorated pottery, French Fork Incised. (a) *var. French Fork*; (b-c) *var. Laborde*; (d) *var. French Fork*; (e-f) *var. unspecified*.



Figure 10.27. Smith Creek, Mound C, TU-2, decorated pottery, Mulberry Creek Cord-Marked. (a-c) *var. Smith Creek*; (d-f) *var. unspecified*.



Figure 10.28. Smith Creek, Mound C, TU-2, decorated pottery, Mazique Incised. (a-h) *var. unspecified*; (i) *var. Kings Point*.

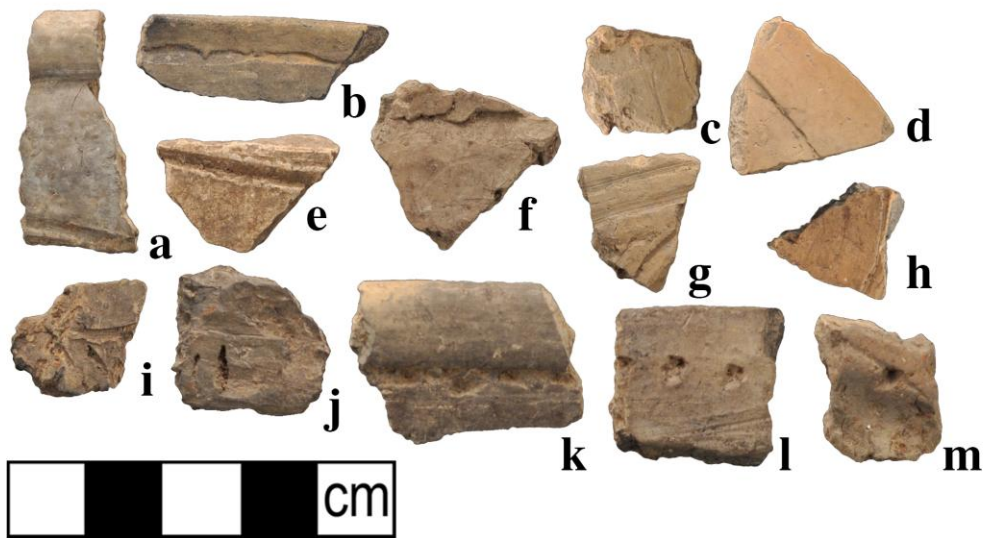


Figure 10.29. Smith Creek, Mound C, TU-2, decorated pottery. (a-i) Unclassified Incised; (j-m) Unclassified Punctated.

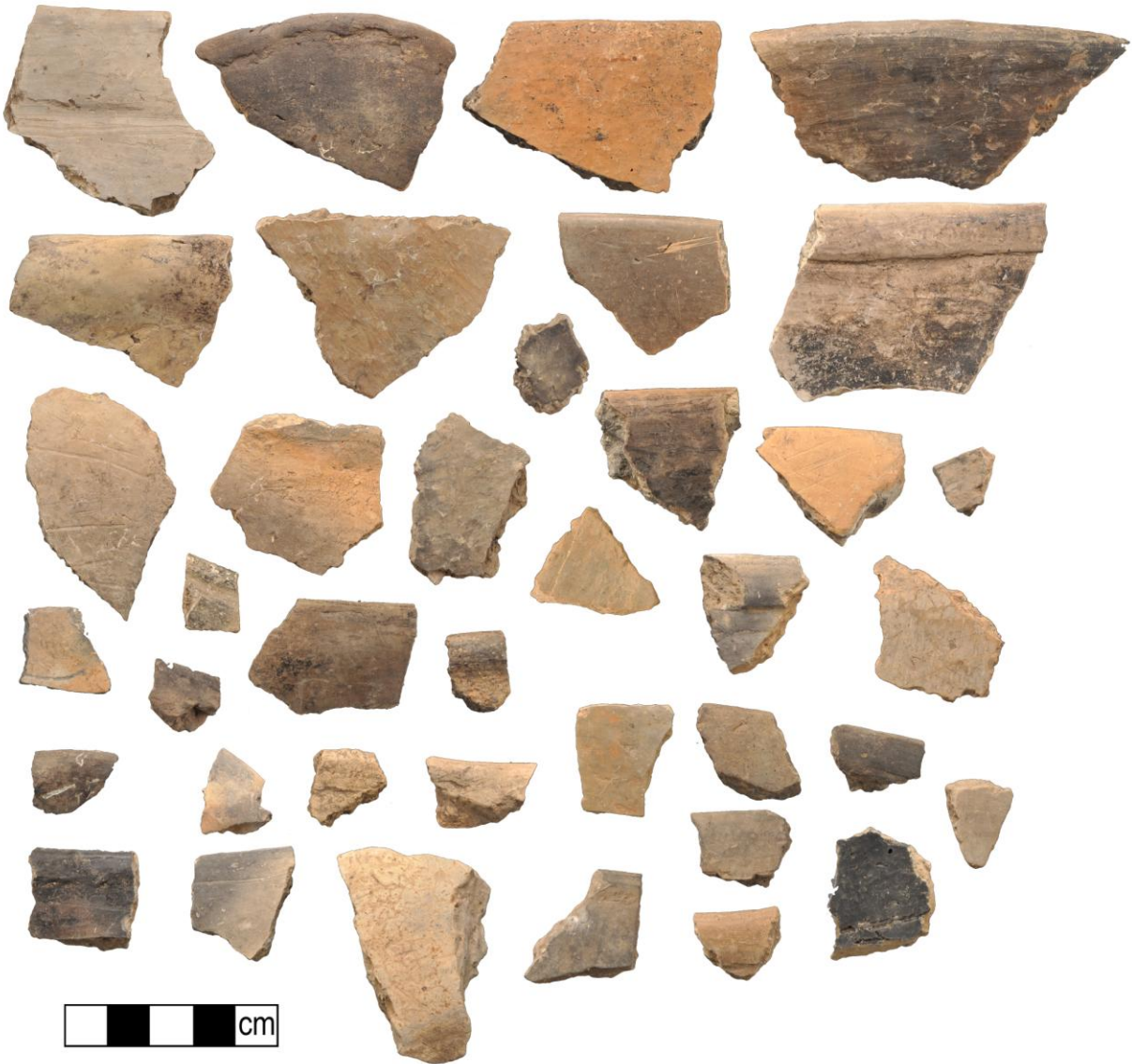


Figure 10.30. Smith Creek, Mound C, TU-2, plain pottery.



Figure 10.31. Smith Creek, Mound C, TU-2, plain pottery with decorated lugs.

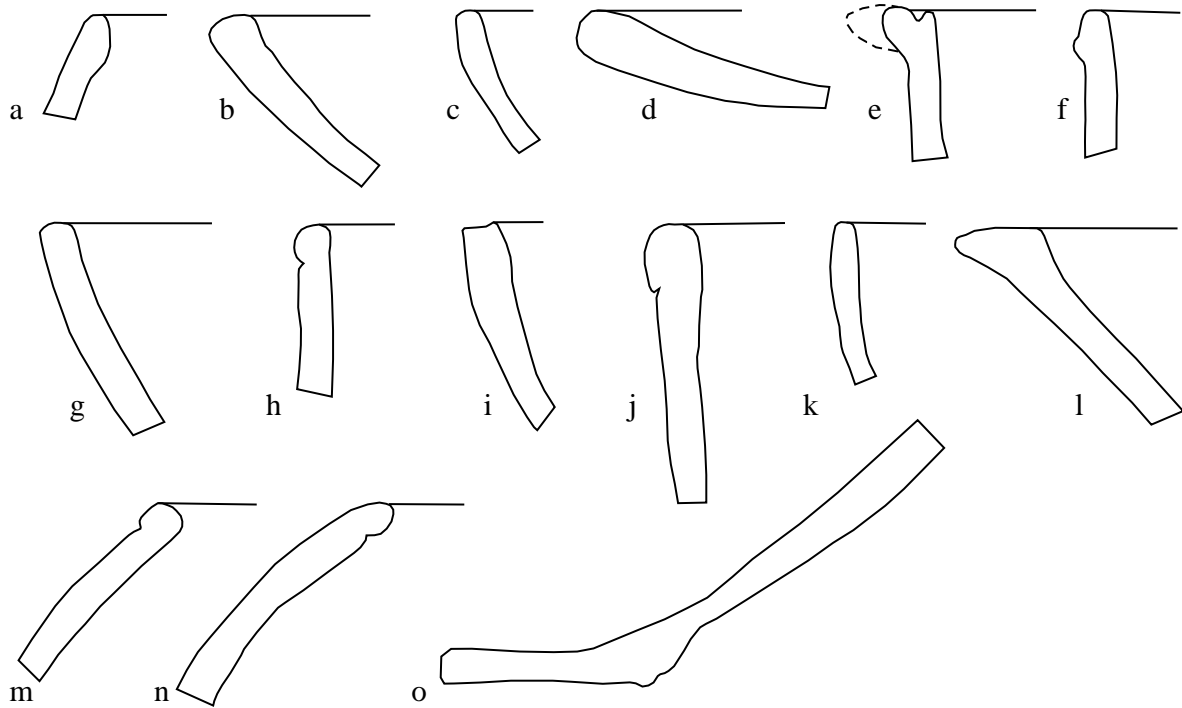


Figure 10.32. Smith Creek, Mound C, TU-2, rim profiles. (a) Coles Creek Incised, *var. Hunt*, restricted jar, 10 cm rim diameter, (b) Baytown Plain, *var. unspecified*, shallow bowl for which vessel size could not be determined, (c) Baytown Plain, *var. unspecified*, bowl for which vessel size could not be determined, (d) Baytown Plain, *var. unspecified*, shallow bowl, 48 cm rim diameter, (e) Baytown Plain, *var. unspecified*, bowl, 27 cm rim diameter, (f) Coles Creek Incised, *var. Chase*, beaker/bowl for which vessel size could not be determined, (g) Baytown Plain, *var. unspecified*, bowl, 25 cm rim diameter, (h) Coles Creek Incised, *var. Chase*, deep bowl for which vessel size could not be determined, (i) Baytown Plain, *var. unspecified*, bowl, 27 cm rim diameter, (j) Baytown Plain, *var. unspecified*, beaker/deep bowl, 40 cm rim diameter, (k) Baytown Plain, *var. unspecified*, bowl, 25 cm rim diameter, (l) Baytown Plain, *var. unspecified*, bowl for which vessel size could not be determined, (m) French Fork Incised, *var. French Fork*, restricted bowl, 19 cm rim diameter, (n) French Fork Incised, *var. unspecified*, restricted bowl, 14 cm rim diameter, (o) French Fork Incised, *var. unspecified*, bowl base.

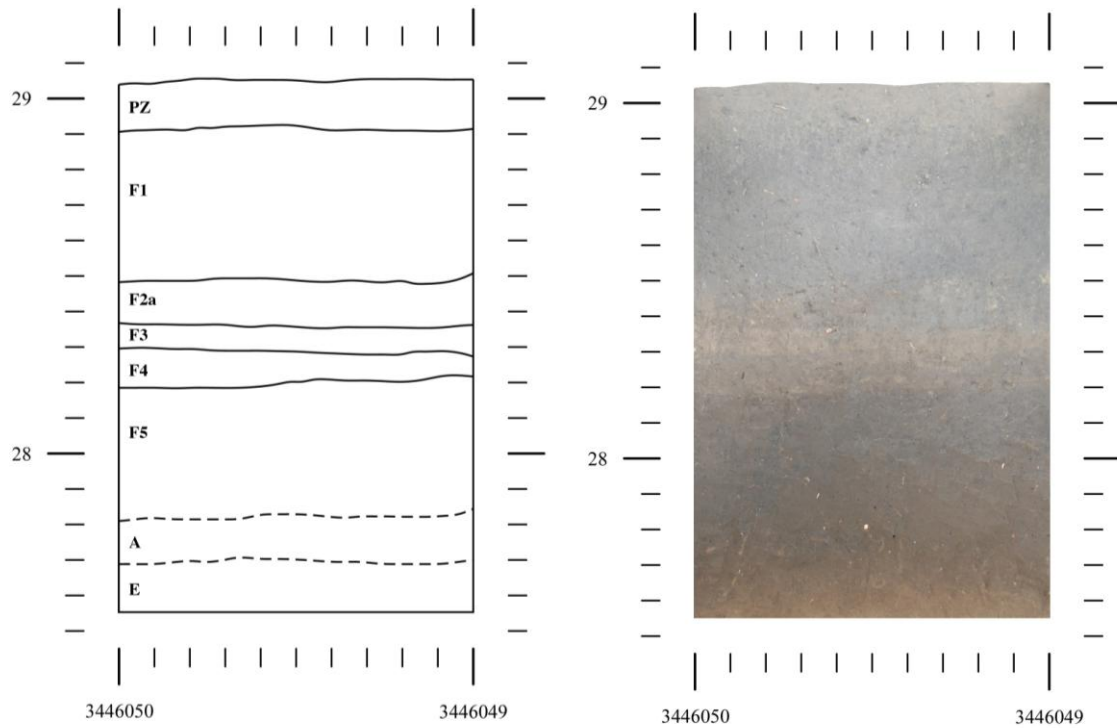


Figure 10.33. Smith Creek, Plaza, TU-3, east profile. Key: (PZ) plow zone; (F1) very dark brown fill; (F2) dark brown fill; (F3) brown sandy fill; (F4) dark grayish-brown fill; (F5) very dark grayish-brown fill; (A) buried-A horizon; (E) E-horizon.

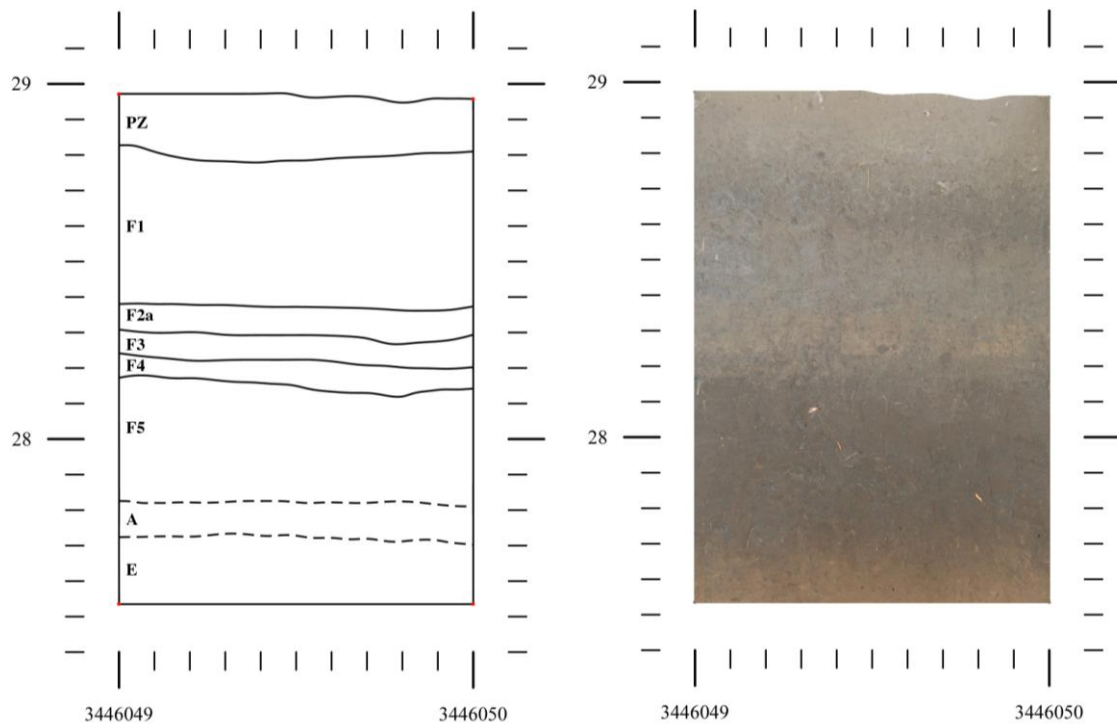


Figure 10.34. Smith Creek, Plaza, TU-3, west profile. Key: (PZ) plow zone; (F1) very dark brown fill; (F2) dark brown fill; (F3) brown sandy fill; (F4) dark grayish-brown fill; (F5) very dark grayish-brown fill; (A) buried-A horizon; (E) E-horizon.

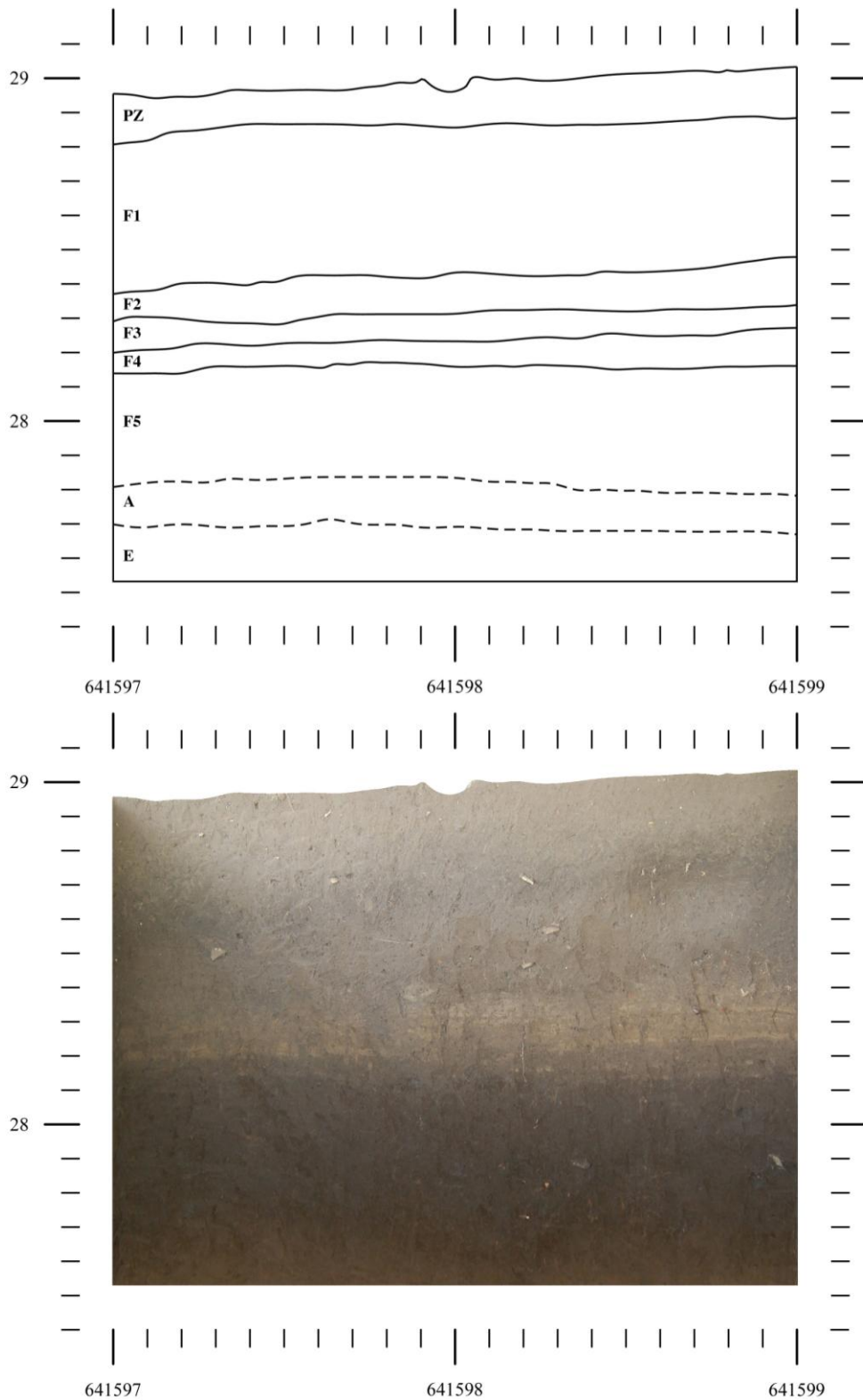


Figure 10.35. Smith Creek, Plaza, TU-3, north profile. Key: (PZ) plow zone; (F1) very dark brown fill; (F2) dark brown fill; (F3) brown sandy fill; (F4) dark grayish-brown fill; (F5) very dark grayish-brown fill; (A) buried-A horizon; (E) E-horizon.

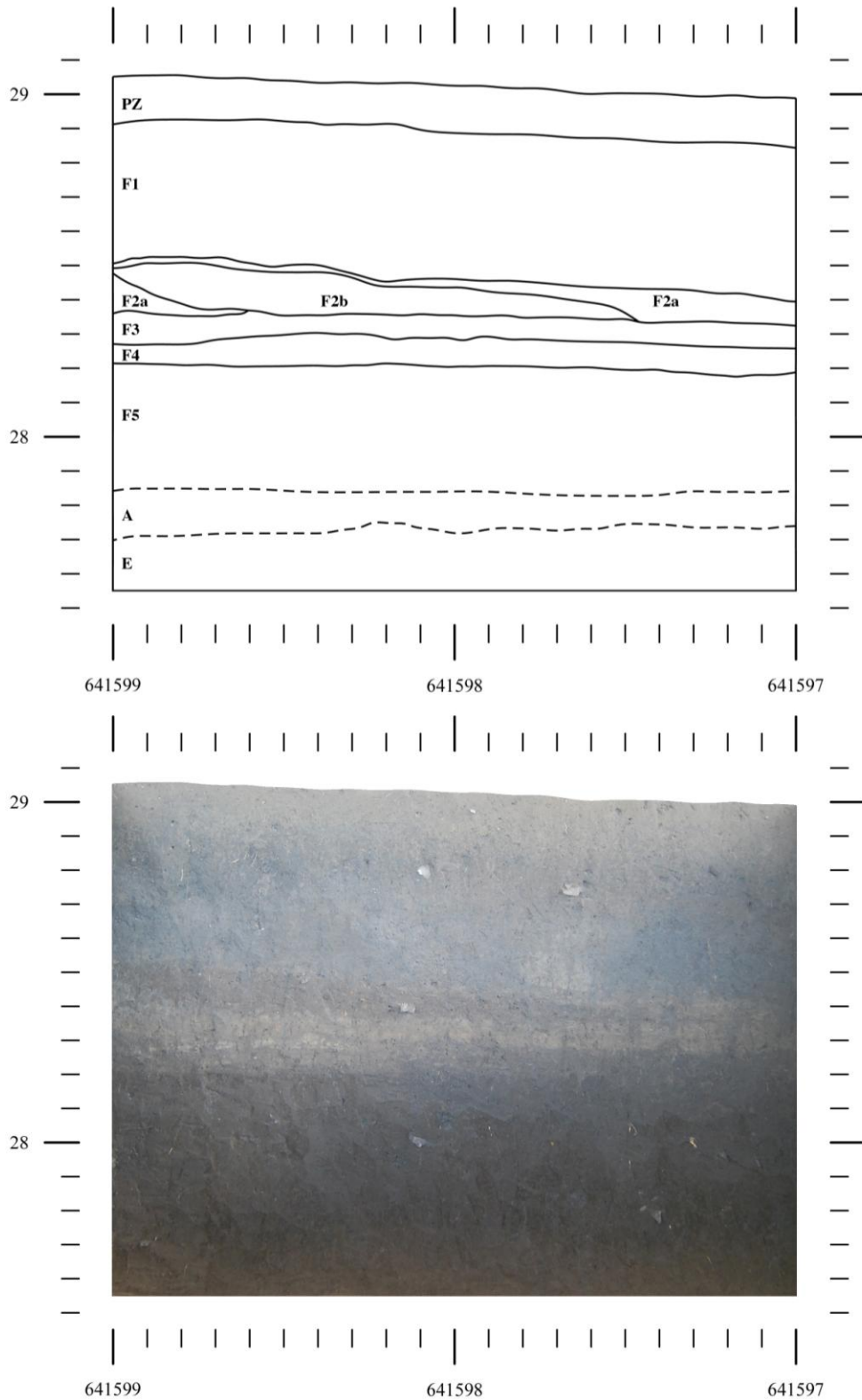


Figure 10.36. Smith Creek, Plaza, TU-3, south profile. Key: (PZ) plow zone; (F1) very dark brown fill; (F2) dark brown fill; (F3) brown sandy fill; (F4) dark grayish-brown fill; (F5) very dark grayish-brown fill; (A) buried-A horizon; (E) E-horizon.

Table 10.5. Smith Creek, Plaza, TU-3, recovered material > 0.25 inches.

Context	Historics	Lithics	Fired Clay		Daub		Pebbles		Other	Other Description
			count	wt. (g)	count	wt. (g)	count	wt. (g)		
Level 1	8	13	4	10	1	3	70	358	5	bone fragments
Level 2	-	16	30	70	-	-	61	379	2	bone fragments
Zone A	1	-	-	-	-	-	5	9	-	
Zone B	-	-	-	-	-	-	-	-	-	
Level 3	-	47	75	132	2	6	196	413	4	charcoal fragments
Zone C1	-	-	-	-	-	-	-	-	-	
Zone C2	-	-	-	-	-	-	-	-	-	
Level 4	-	11	26	55	-	-	31	149	5	bone fragments
Zone F1	-	-	-	-	-	-	-	-	-	
Level 5	-	2	4	8	-	-	14	65	1	bone fragment
Level 6	-	1	6	-	-	-	-	-	4	bone fragments
Wall Cleaning	-	-	2	-	-	-	-	-	-	
Total	9	90	147	275	3	9	377	1373	21	



Figure 10.37. Smith Creek, Plaza, TU-3, decorated pottery, Coles Creek Incised, *var. Coles Creek*.



Figure 10.38. Smith Creek, Plaza, TU-3, decorated pottery, Coles Creek Incised, *var. Phillips*.



Figure 10.39. Smith Creek, Plaza, TU-3, decorated pottery, Coles Creek Incised, *var. Mott*.

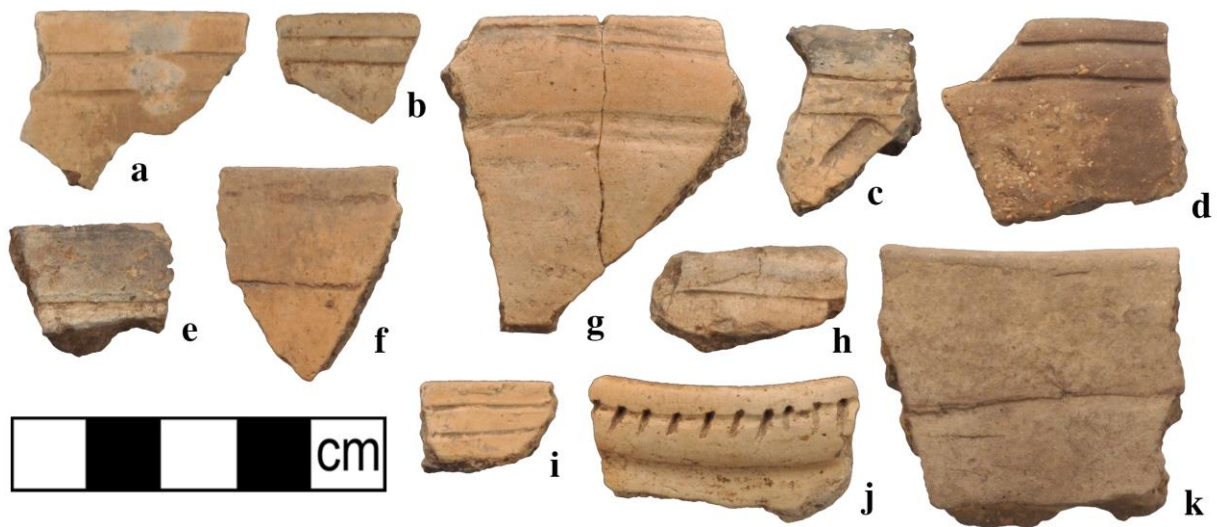


Figure 10.40. Smith Creek, Plaza, TU-3, decorated pottery, Coles Creek Incised. (a-b) *var. Chase*; (c-j) *var. Hunt*; (k) *var. Stoner*.



Figure 10.41. Smith Creek, Plaza, TU-3, decorated pottery. Coles Creek Incised, *var. unspecified*.

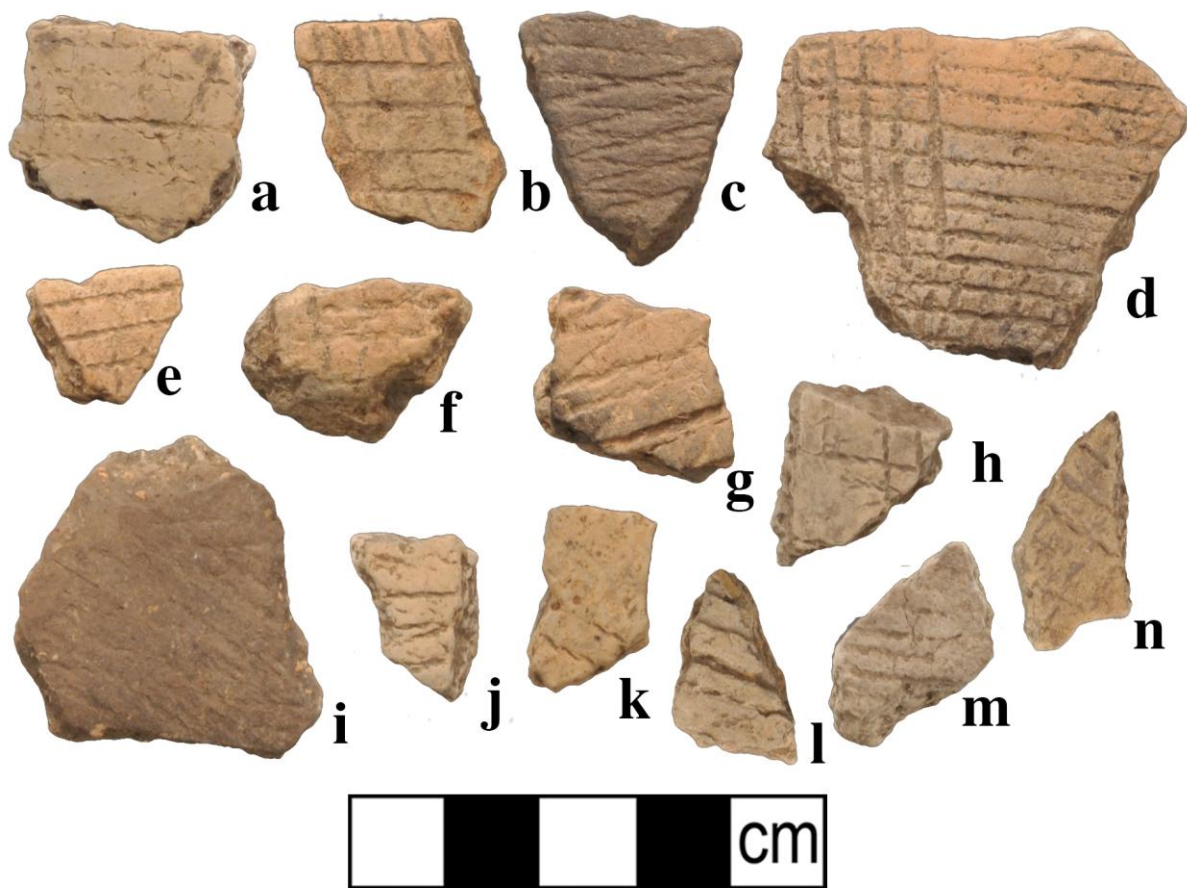


Figure 10.42. Smith Creek, Plaza, TU-3, decorated pottery, Mulberry Creek Cord Marked. (a-e) *var. Smith Creek*; (f-g) *var. Edwards*; (h-n) *var. unspecified*.



Figure 10.43. Smith Creek, Plaza, TU-3, decorated pottery, Plaquemine Brushed, *var. Plaquemine*.

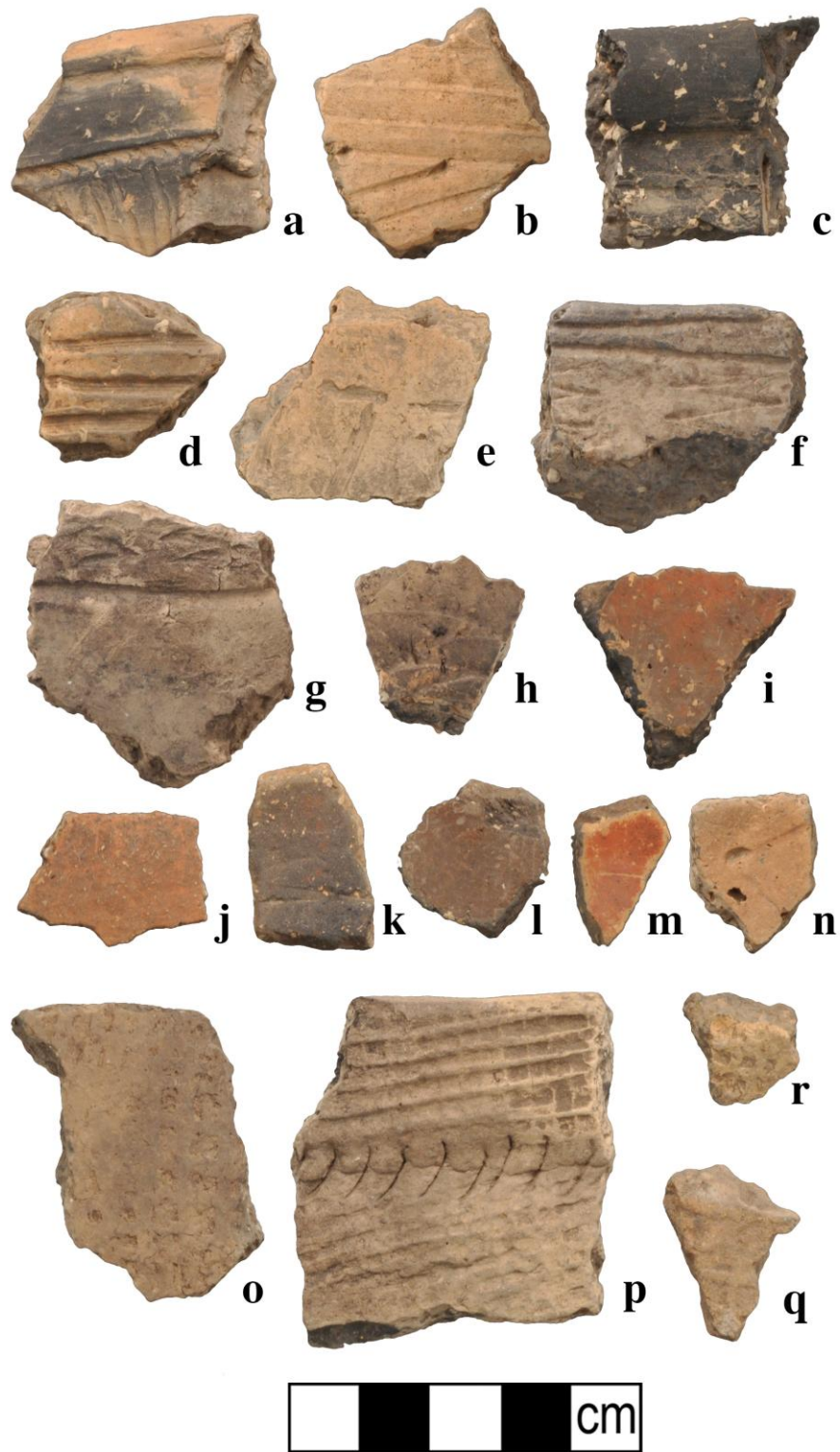


Figure 10.44. Smith Creek, Plaza, TU-3, decorated pottery. (a-e) Alligator Incised, *var. unspecified*; (f-h) Chevalier Stamped, *var. Chevalier*; (i-m) Larto Red, *var. Larto*; (n) Woodville Zoned Red, *var. Woodville*; (o-q) Pontchartrain Check Stamped, *var. unspecified*.



Figure 10.45. Smith Creek, Plaza, TU-3, decorated pottery. (a-i) Anna Incised, *var. Anna*; (j) Harrison Bayou Incised, *var. unspecified*; (k) Beldeau Incised, *var. Beldeau*.

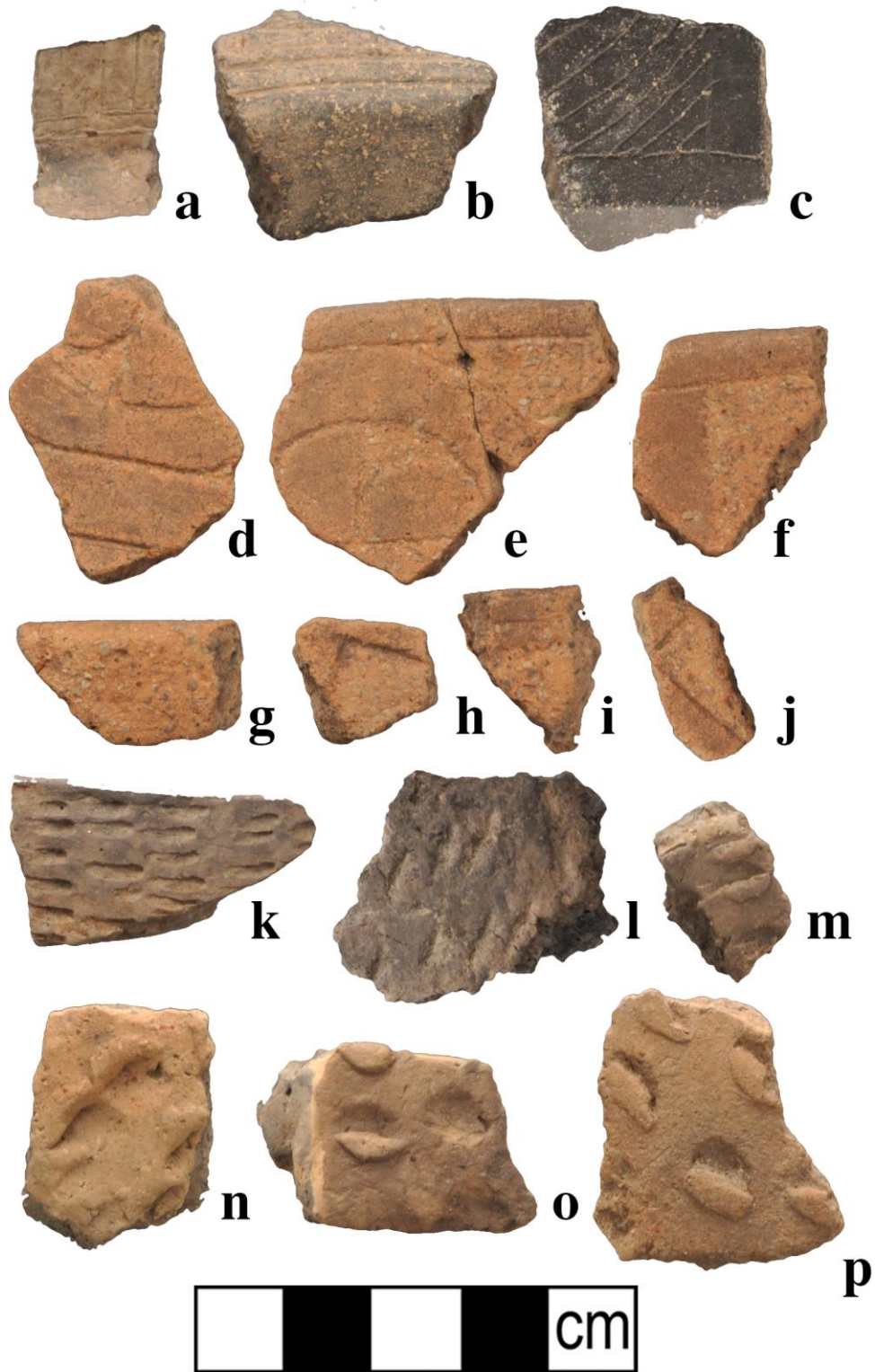


Figure 10.46. Smith Creek, Plaza, TU-3, decorated pottery. (a-c) Carter Engraved, *var. Carter*; (d-j) Carter Engraved, *var. unspecified*; (k) Evansville Punctated, *var. Rhinehart*; (l-p) Evansville Punctated, *var. unspecified*.



Figure 10.47. Smith Creek, Plaza, TU-3, decorated pottery. (a) unclassified decorated lug; (b) French Fork Incised, *var. Larkin*; (c-d) French Fork Incised, *var. Laborde*; (e-g) Mazique Incised, *var. Kings Point*; (h-i) Mazique Incised, *var. Mazique*; (i-r) Mazique Incised, *var. unspecified*.

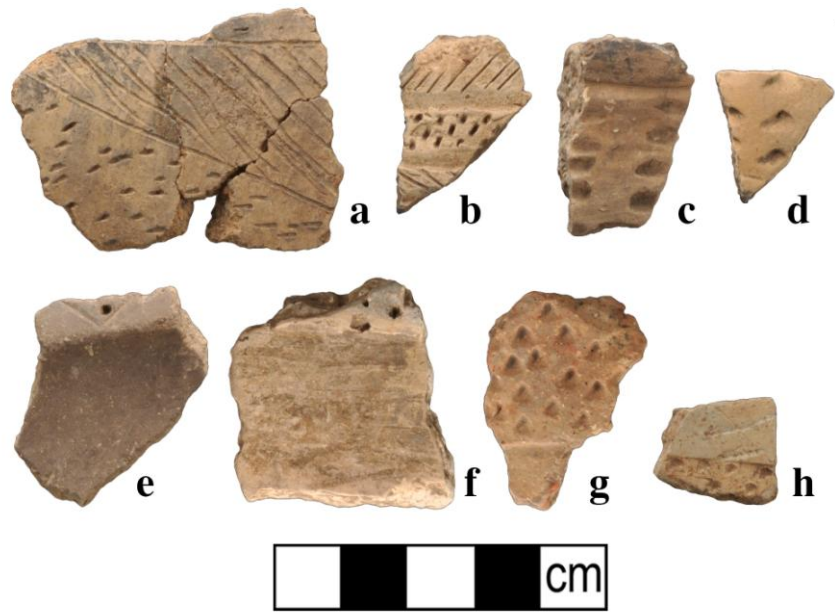


Figure 10.48. Smith Creek, Plaza, TU-3, decorated pottery, Avoyelles Punctated. (a) *var. Tatum*; (b) *var. Kearny*; (c-h) *var. unspecified*.



Figure 10.49. Smith Creek, Plaza, TU-3, unclassified decorated pottery.



Figure 10.50. Smith Creek, Plaza, TU-3, plain pottery.

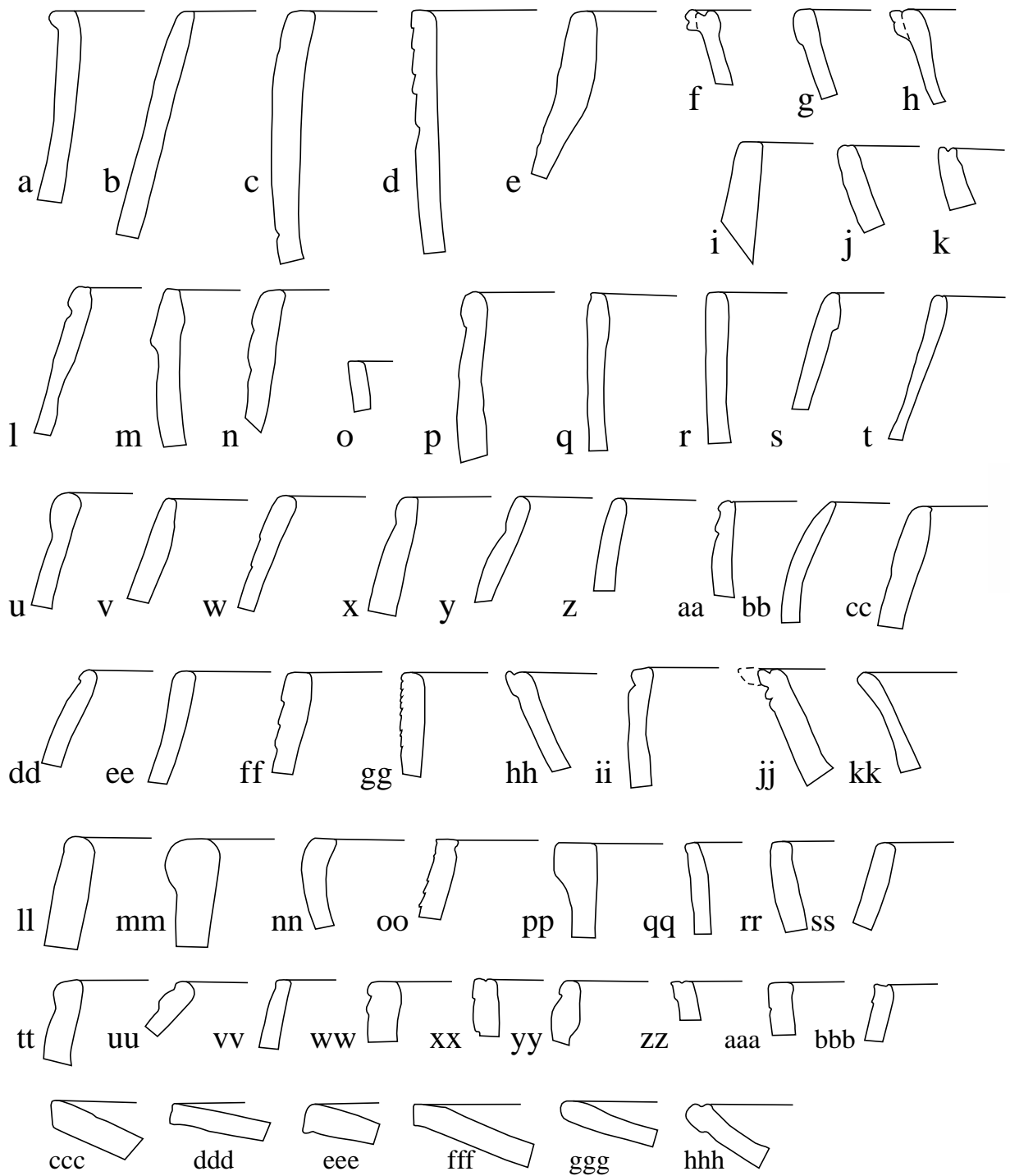


Figure 10.51. Smith Creek, Plaza, TU-3, rim profiles. (a) Baytown Plain, *var. unspecified*, restricted jar for which vessel size could not be determined, (b) Plaquemine Brushed, *var. Plaquemine*, restricted jar, 20 cm rim diameter, (c) Unclassified incised, deep bowl, 40 cm rim diameter, (d) Coles Creek Incised, *var. Coles Creek*, beaker, 20 cm rim diameter, (e) Pontchartrain Check Stamped, *var. unspecified*, restricted jar, 22 cm rim diameter, (f) Coles

Creek Incised, *var. Chase*, deep bowl for which vessel size could not be determined, (g) Coles Creek Incised, *var. Phillips*, bowl for which vessel size could not be determined, (h) Coles Creek Incised, *var. Chase*, bowl, 25 cm rim diameter, (i) Chevalier Stamped, *var. Chevalier*, beaker for which vessel size could not be determined, (j) Coles Creek Incised, *var. Chase*, bowl, 18 cm rim diameter, (k) Baytown Plain, *var. unspecified*, bowl, 8 cm rim diameter, (l) French Fork Incised, *var. Laborde*, restricted jar, 18 cm rim diameter, (m) Unclassified decorated, bowl, for which vessel size could not be determined, (n) Coles Creek Incised, *var. Hunt*, beaker/restricted jar for which vessel size could not be determined, (o) Coles Creek Incised, *var. Mott*, beaker for which vessel size could not be determined, (p) Baytown Plain, *var. unspecified*, restricted jar, 13 cm rim diameter, (q) Coles Creek Incised, *var. Hunt*, beaker/restricted jar for which vessel size could not be determined, (r) Baytown Plain, *var. unspecified*, beaker, 30 cm rim diameter, (s) Mazique Incised, *var. unspecified*, restricted jar, 19 cm rim diameter, (t) Mazique Incised, *var. Mazique*, restricted jar, 14 cm rim diameter, (u) Coles Creek Incised, *var. Phillips*, restricted jar for which vessel size could not be determined, (v) Baytown Plain, *var. unspecified*, restricted jar, 20 cm rim diameter, (w) Coles Creek Incised, *var. unspecified*, restricted jar for which vessel size could not be determined, (x-y) Coles Creek Incised, *var. Phillips*, restricted jar for which vessel size could not be determined, (z) Coles Creek Incised, *var. Hunt*, restricted jar for which vessel size could not be determined, (aa) Coles Creek Incised, *var. Hunt*, beaker, for which vessel size could not be determined, (bb) Coles Creek Incised, *var. Blakely*, restricted bowl for which vessel size could not be determined, (cc) Coles Creek Incised, *var. Stoner*, restricted jar, 15 cm rim diameter, (dd) Coles Creek Incised, *var. Phillips*, restricted jar for which vessel size could not be determined, (ee) Carter Engraved, *var. unspecified*, restricted jar for which vessel size could not be determined, (ff) Coles Creek Incised, *var. Coles Creek*, restricted jar, 19 cm rim diameter, (gg) Coles Creek Incised, *var. Coles Creek*, beaker for which vessel size could not be determined, (hh) Coles Creek Incised, *var. Phillips*, bowl, 18 cm rim diameter, (ii) Coles Creek Incised, *var. Phillips*, beaker, 13 cm rim diameter, (jj) Coles Creek Incised, *var. Chase*, bowl for which vessel size could not be determined, (kk) Baytown Plain, *var. unspecified*, deep bowl for which vessel size could not be determined, (ll-mm) Alligator Incised, *var. unspecified*, restricted jars for which vessel size could not be determined, (nn) Baytown Plain, *var. unspecified*, bowl for which vessel size could not be determined, (oo) Coles Creek Incised, *var. Coles Creek*, restricted jar for which vessel size could not be determined, (pp) Unclassified decorated, beaker/deep bowl for which vessel size could not be determined, (qq) French Fork Incised, *var. Laborde*, beaker for which vessel size could not be determined, (rr) Plaquemine Brushed, *var. Plaquemine*, bowl, 20 cm rim diameter, (ss) Carter Engraved, *var. unspecified*, restricted jar for which vessel size could not be determined, (tt) Coles Creek Incised, *var. Phillips*, restricted jar for which vessel size could not be determined, (uu) Coles Creek Incised, *var. Hunt*, restricted jar/bowl, 12 cm rim diameter, (vv) Evansville Punctated, *var. Rhinehart*, restricted jar, 19 cm rim diameter, (ww-yy) Coles Creek Incised, *var. unspecified*, beaker for which vessel size could not be determined, (zz-aaa) Coles Creek Incised, *var. Phillips*, bowls for which vessel size could not be determined, (bbb) Coles Creek Incised, *var. Phillips*, restricted jar for which vessel size could not be determined, (ccc-eee) Anna Incised, *var. Anna*, plates for which vessel size could not be determined, (fff-ggg) Baytown Plain, *var. unspecified*, plate for which vessel size could not be determined, (hhh) Coles Creek Incised, *var. Phillips*, shallow bowl, 10 cm rim diameter.

Table 10.7. Smith Creek, Sibley collection, all recovered material.

Bag #	Providence	Date	Historics	Lithics	Pebbles	Daub	Bone	Other
1	71/7, depth=38 inches	-	-	9	7	-	-	-
2	surface	3/30/67	3	2	4	15	1	-
3	16A	-	-	-	-	-	-	-
4	5	-	-	-	-	-	50	-
5	6A	-	-	-	-	-	-	1
6	6/row c surface	-	-	-	-	-	-	-
7	4, depth = 5 feet	4/10/65	-	-	-	-	32	-
8	-	-	-	5	12	-	7	-
9	surface	8/1/71	-	5	4	-	2	2
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	3, depth E/ 5"	-	-	-	3	-	11	-
13	-	-	-	3	4	4	12	1
14	surface	-	1	69	33	-	28	4
15	-	-	1	17	19	22	42	12
16	-	-	4	26	35	29	14	54
17	-	-	-	7	10	16	11	4
18	-	-	3	5	4	7	1	-
19	SB2	-	-	-	1	-	1	-
20	16A	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	section 4, infant burial	-	-	-	1	-	-	-
23	surface	-	-	21	13	13	-	2
24	-	-	1	-	2	-	2	-
25	-	-	-	-	2	-	13	1
26	-	-	-	-	-	-	1	-
27	surface	-	-	-	-	-	11	-
28	-	-	-	2	3	-	-	-
29	-	-	1	2	2	-	4	1
30	B/C	-	-	-	-	-	1	-
31	-	-	1	-	5	1	11	6
32	-	-	-	5	2	-	1	-
33	-	-	-	8	2	-	3	-
34	surface	-	3	12	6	-	14	7
35	-	-	-	-	-	-	-	-
36	16, depth = 3 feet	-	-	2	-	-	-	-
37	3	-	-	18	2	-	21	-
38	-	-	2	15	4	8	1	6
39	9	-	-	1	-	-	-	-
40	burial mound	-	-	-	-	-	1	-

Table 10.7. Continued.

Bag #	Providence	Date	Historics	Lithics	Pebbles	Daub	Bone	Other
41	21 north C	-	-	-	-	1	-	-
42	-	-	-	1	-	7	1	-
43	-	-	-	5	2	2	2	-
44	surface	-	-	-	1	-	-	-
45	-	-	-	16	44	9	1	-
46	9 / 3 (33")	12/24/64	-	-	-	-	22	1
47	3C	-	-	2	-	1	22	-
48	Mound B	-	-	3	-	-	-	-
49	-	-	-	-	-	-	-	-
50	-	-	6	4	1	1	-	-
51	surface	-	-	1	-	-	-	-
52	2B	5/9/64	-	2	1	8	13	2
53	-	-	1	15	12	6	-	-
54	-	-	-	1	7	1	1	-
55	3	-	-	1	-	-	3	-
56	-	-	-	1	-	-	-	-
57	D	-	-	2	-	1	2	-
58	7C	-	-	-	1	-	-	-
59	-	-	-	23	24	-	-	-
60	surface	-	-	-	-	-	-	-
61	4	-	-	2	3	4	1	-
62	-	-	1	5	5	20	-	-
63	A	-	-	-	2	2	-	-
64	9	-	-	-	-	-	-	-
65	-	-	-	-	-	1	7	-
66	-	-	-	-	1	4	-	-
67	9	-	-	-	1	1	2	7
68	fire pit	-	-	-	-	-	-	3
69	13E/A	-	-	-	-	-	20	-
Total	-	-	28	318	285	184	393	114



Figure 10.52. Smith Creek, Sibley Collection, decorated pottery, Anna Incised, *var. Anna*.

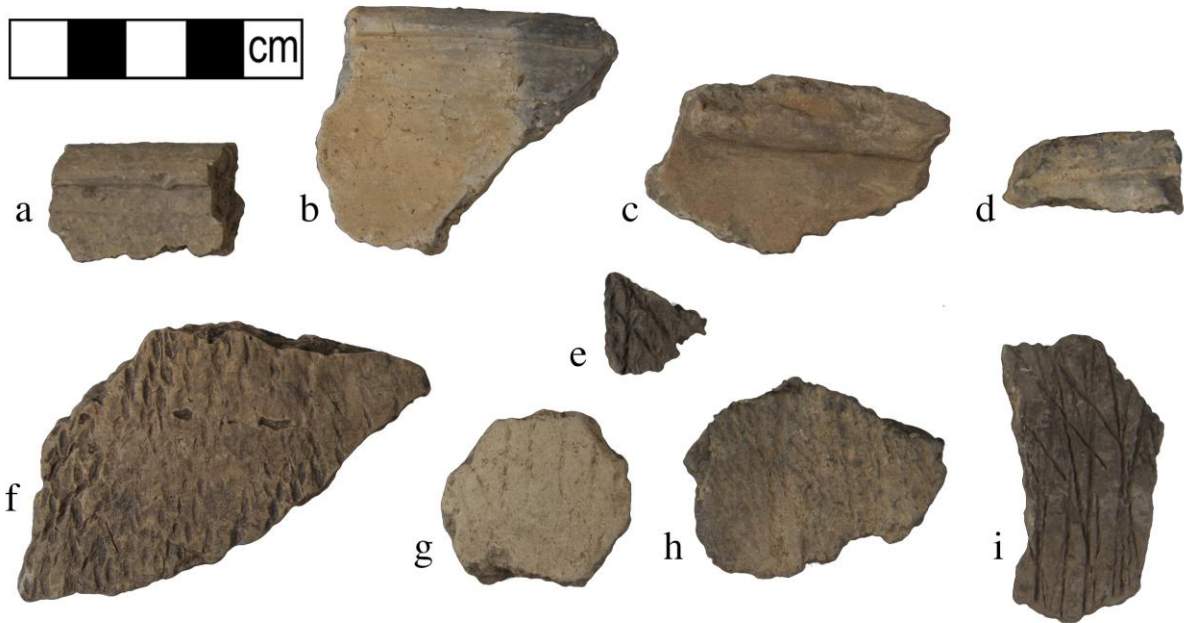


Figure 10.53. Smith Creek, Sibley Collection, decorated pottery. (a-d) Coles Creek Incised, *var. Judd Bayou*, (e-i) Mulberry Creek Cord Marked, *var. unspecified*.



Figure 10.54. Smith Creek, Sibley Collection, decorated pottery, Mazique Incised, *var. Mazique*.



Figure 10.55. Smith Creek, Sibley Collection, decorated pottery, Mazique Incised, *var. Kings Point*.



Figure 10.56. Smith Creek, Sibley Collection, decorated pottery, Mazique Incised, *var. Manchac*.



Figure 10.57. Smith Creek, Sibley Collection, decorated pottery, Mazique Incised, *var. unspecified*.



Figure 10.58. Smith Creek, Sibley Collection, decorated pottery, Pontchartrain Check Stamped, *var. unspecified*.

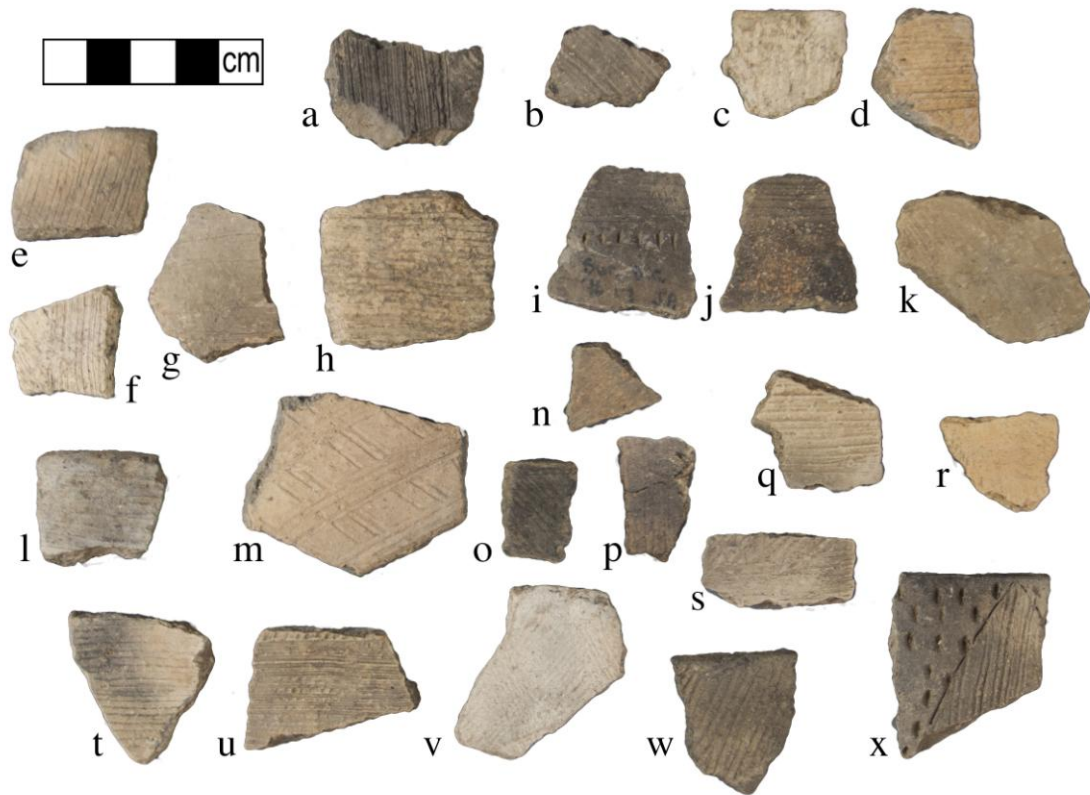


Figure 10.59. Smith Creek, Sibley Collection, decorated pottery, Plaquemine Brushed. (a-w) *var. Plaquemine*; (x) *var. unspecified*.



Figure 10.60. Smith Creek, Sibley Collection, decorated pottery. (a-j) Larto Red Filmed, *var. Larto*, (k-o) Alligator Incised, *var. unspecified*.



Figure 10.61. Smith Creek, Sibley Collection, decorated pottery, Mulberry Creek Cord Marked, *var. Smith Creek*.



Figure 10.62. Smith Creek, Sibley Collection, decorated pottery, French Fork Incised, *var. unspecified*.



Figure 10.63. Smith Creek, Sibley Collection, decorated pottery, French Fork Incised, *var. Laborde*.

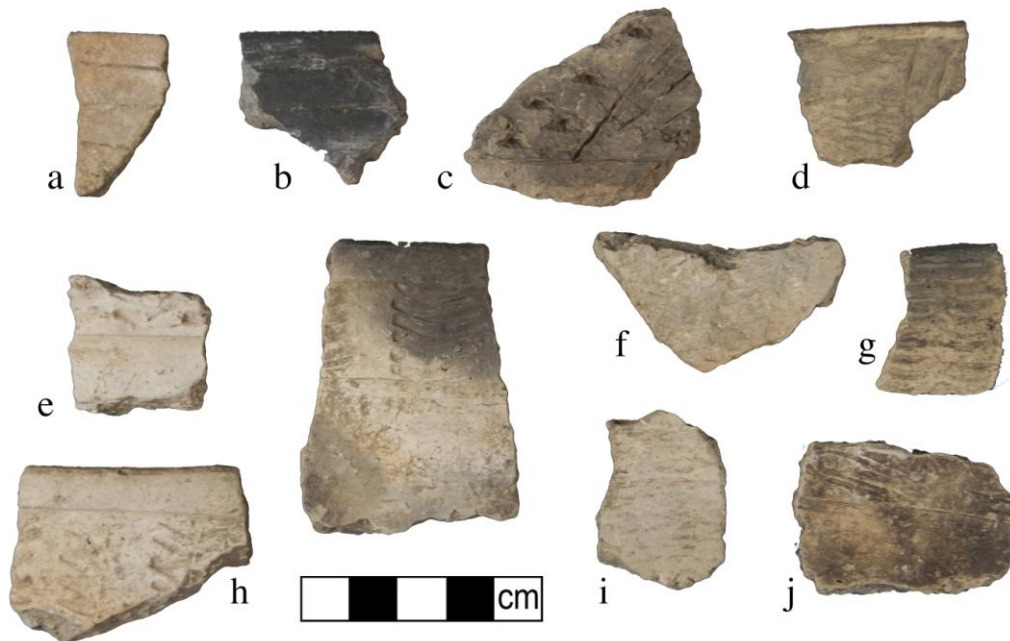


Figure 10.64. Smith Creek, Sibley Collection, decorated pottery, (a-b) Coles Creek Incised, *var. Blakely*, (c) Avoyelles Punctated, *var. Tatum*, (d-j) Chevalier Stamped, *var. Chevalier*.

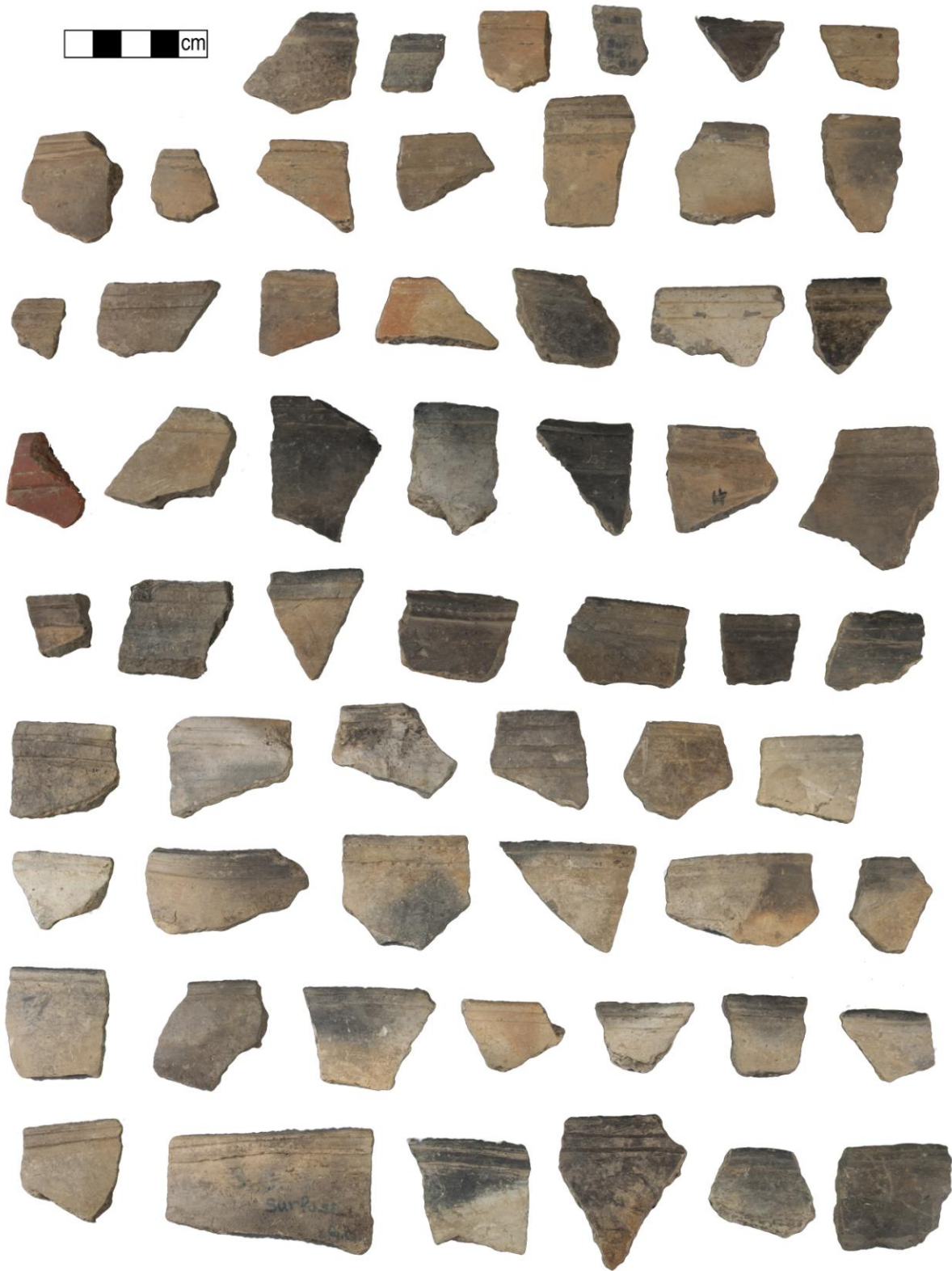


Figure 10.65. Smith Creek, Sibley Collection, decorated pottery, Coles Creek Incised, *var. Chase*.



Figure 10.66. Smith Creek, Sibley Collection, decorated pottery, Coles Creek Incised, *var. Stoner*.

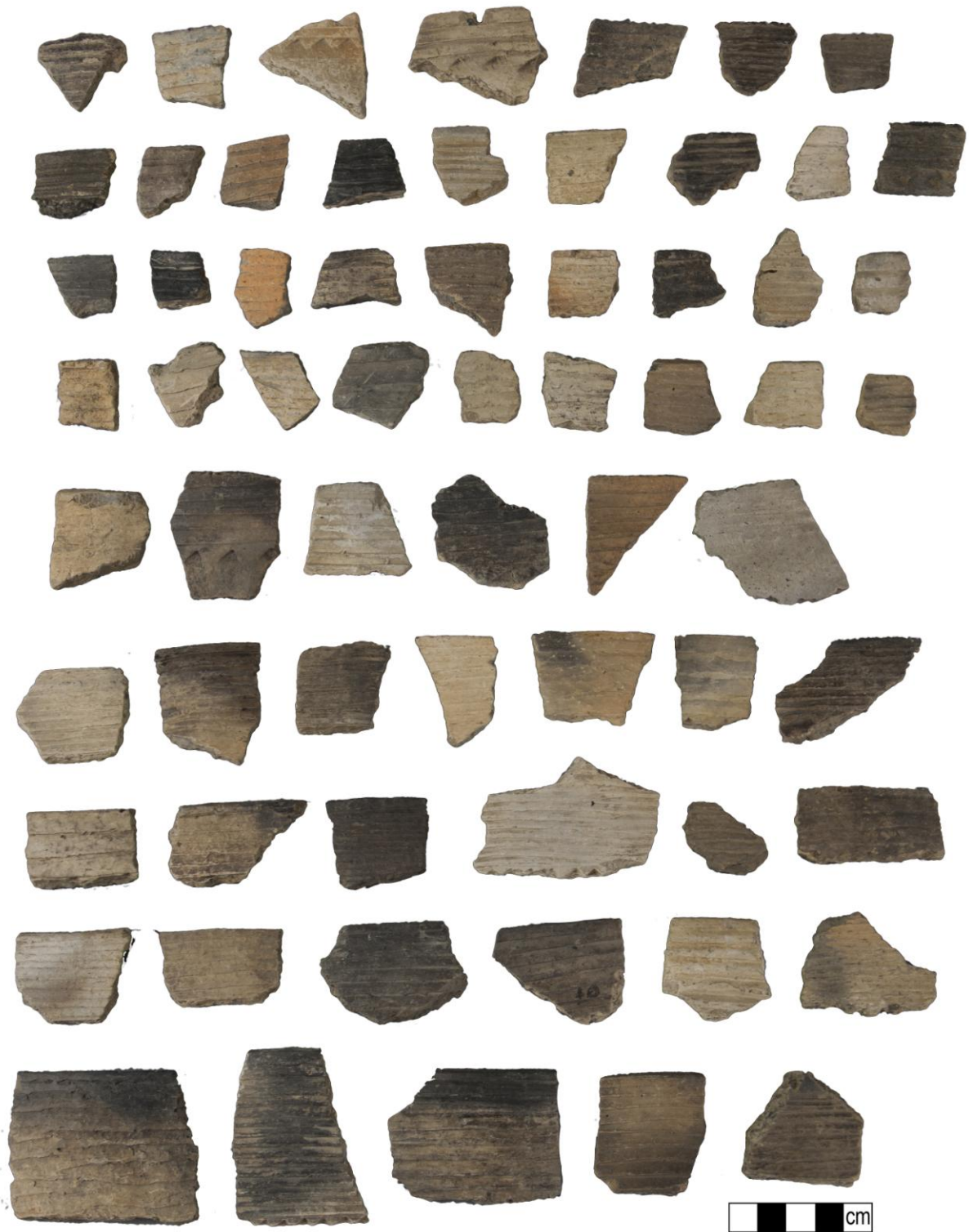


Figure 10.67. Smith Creek, Sibley Collection, decorated pottery, Coles Creek Incised, var. *Coles Creek*.

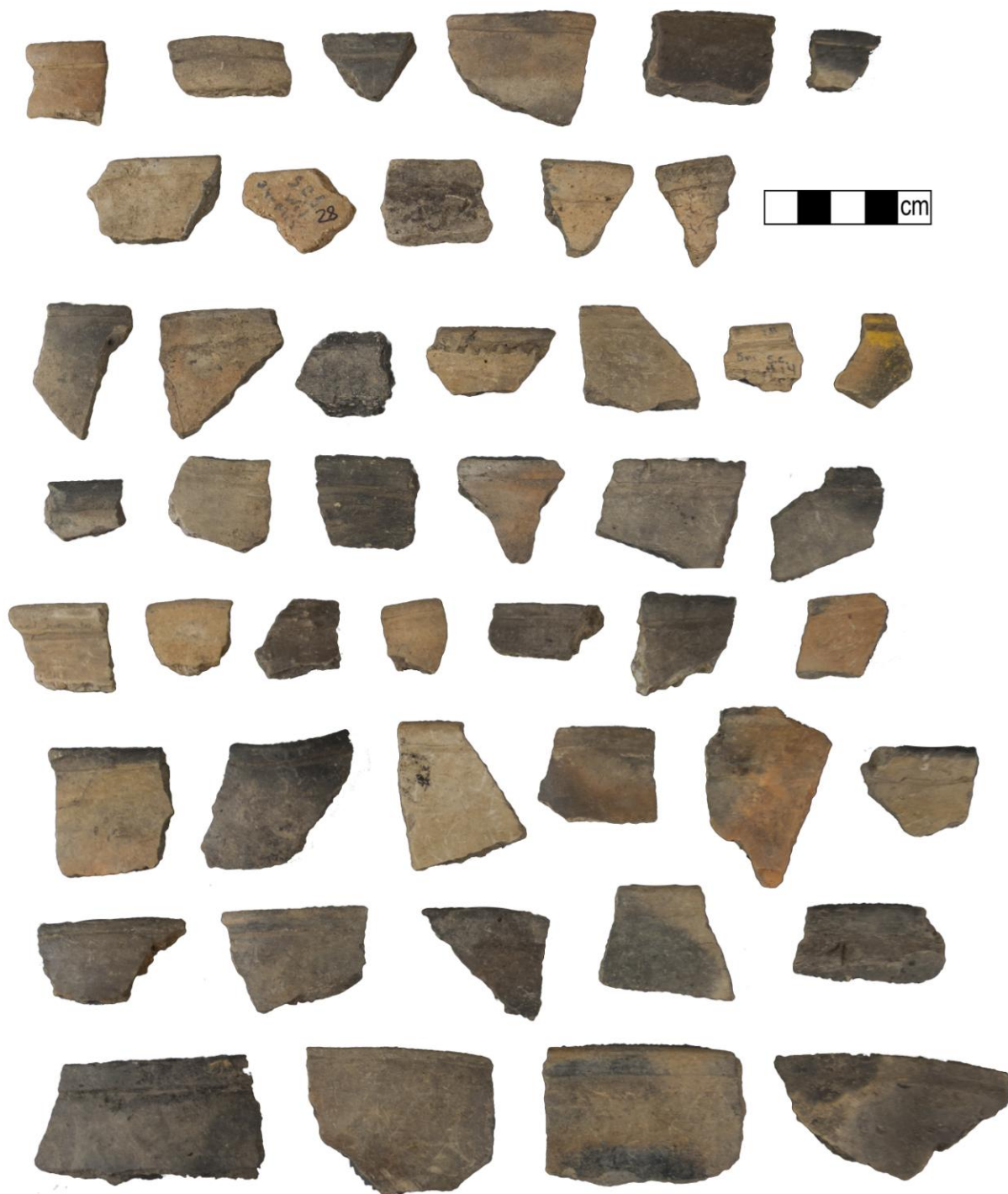


Figure 10.68. Smith Creek, Sibley Collection, decorated pottery, Coles Creek Incised, *var. Phillips*.

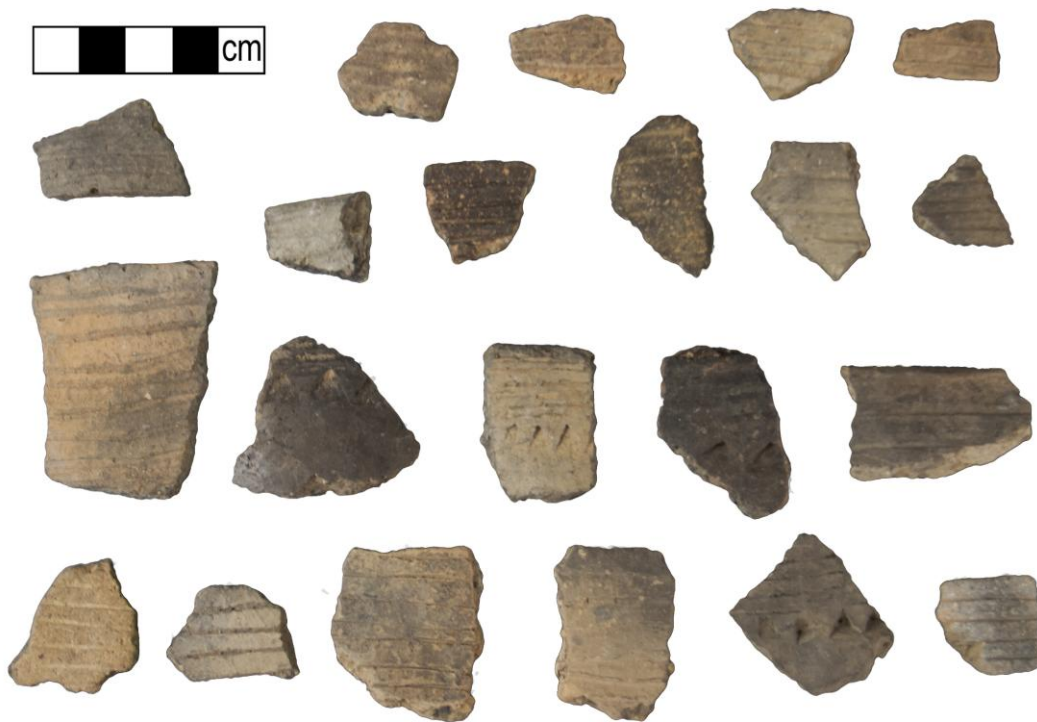


Figure 10.69. Smith Creek, Sibley Collection, decorated pottery, Coles Creek Incised, *var. Hardy*.

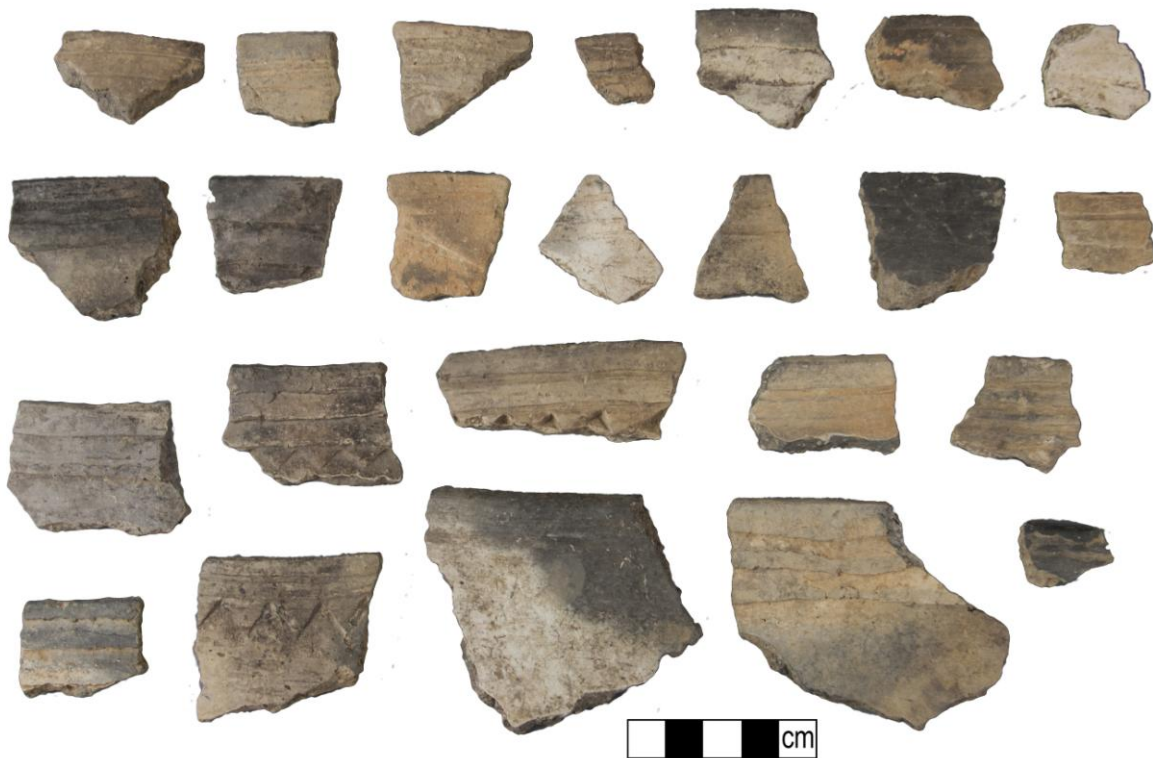


Figure 10.70. Smith Creek, Sibley Collection, decorated pottery, Coles Creek Incised, *var. Hunt*.



Figure 10.71. Smith Creek, Sibley Collection, decorated pottery, Coles Creek Incised, *var. unspecified*.



Figure 10.72. Smith Creek, Sibley Collection, decorated pottery. (a-l) French Fork Incised, *var. Larkin*, (m-q) Coles Creek Incised, *var. Campbellsville*.



Figure 10.73. Smith Creek, Sibley Collection, decorated pottery, Coles Creek Incised, *var. Mott.*



Figure 10.74. Smith Creek, Sibley Collection, decorated pottery, Mississippi Plain, *var. unspecified.*



Figure 10.75. Smith Creek, Sibley Collection, decorated pottery, Mulberry Creek Cord Marked, *var. unspecified*.



Figure 10.76. Smith Creek, Sibley Collection, decorated pottery. (a-e) French Fork Incised, *var. Wilzone*, (f-m) Chevalier Stamped, *var. unspecified*.



Figure 10.77. Smith Creek, Sibley Collection, decorated pottery. (a-g) Evansville Punctated, *var. Rhinehart*, (h-r) Leland Incised, *var. unspecified*.

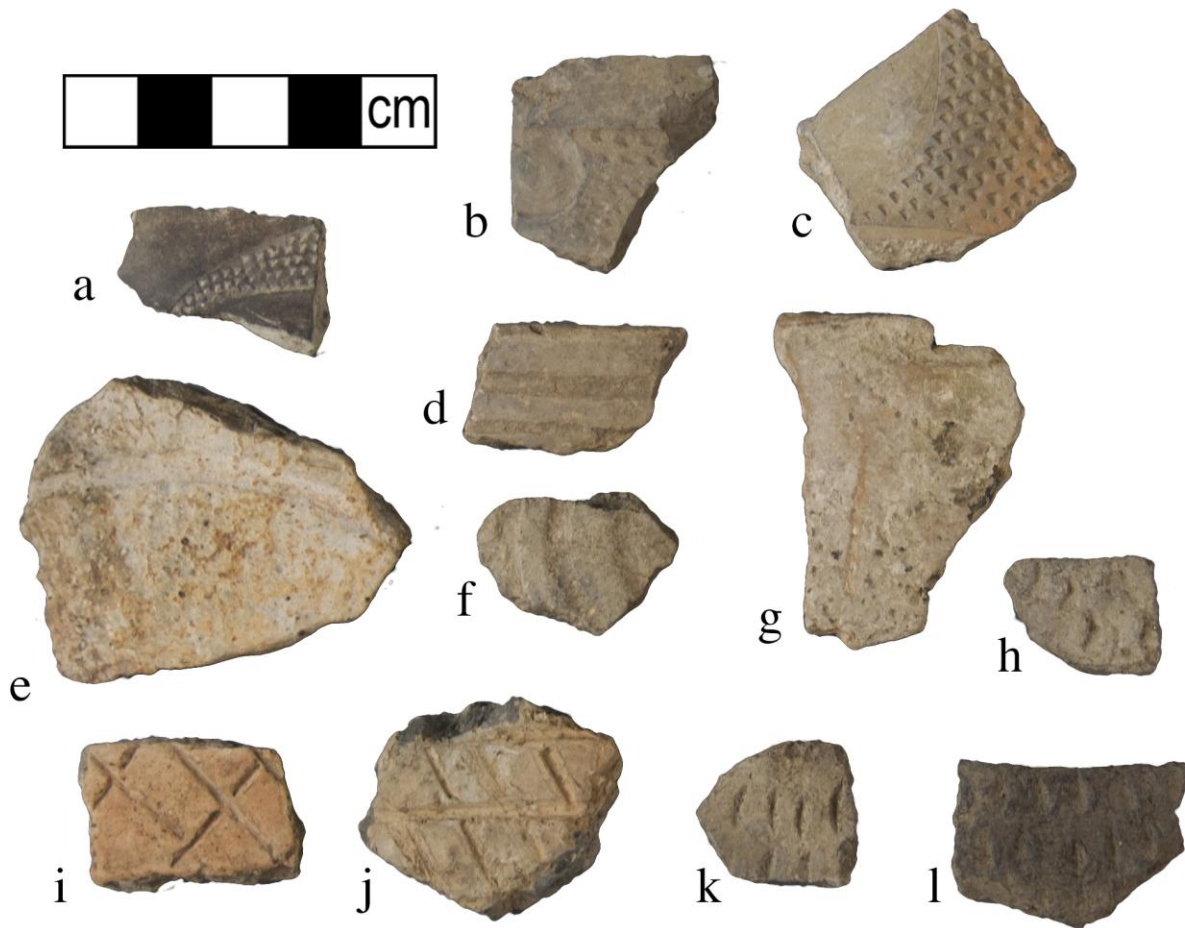


Figure 10.78. Smith Creek, Sibley Collection, decorated pottery. (a-c) French Fork Incised, *var. French Fork*, (d-f) Marksville Incised, *var. Yokena*, (g) Avoyelles Punctated, *var. unspecified*, (h) Evansville Punctated, *var. Sharkey*, (i-j) Harrison Bayou Incised, *var. Harrison Bayou*, (k-l) Evansville Punctated, *var. Sharkey*.



Figure 10.79. Smith Creek, Sibley Collection, Unclassified decorated pottery.



Figure 10.80. Smith Creek, Sibley Collection, decorated pottery. (a-c) Maddox Engraved, *var. Emerald*, (d) Anna Incised, *var. Australia*, (e-j) Carter Engraved, *var. unspecified*.



Figure 10.81. Smith Creek, Sibley Collection, decorated pottery. (a-d) Avoyelles Punctated, *var. Dupree*, (e-g) Coles Creek Incised, *var. Greenhouse*, (h-i) Woodville Zoned Red, *var. Woodville*.

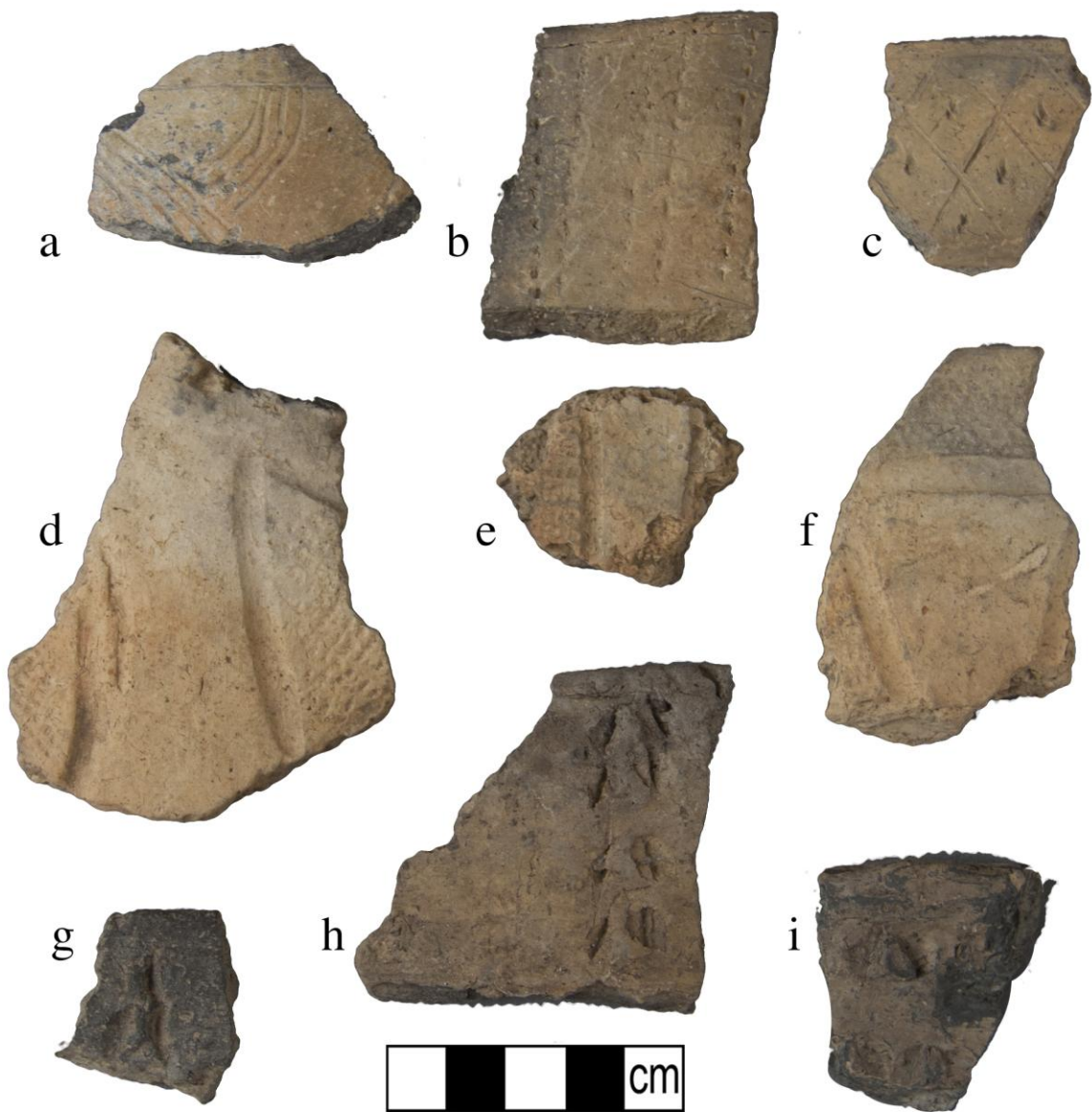


Figure 10.82. Smith Creek, Sibley Collection, decorated pottery. (a) Fatherland Incised, *var. unspecified*, (b) Chevalier Stamped, *var. Lulu*, (c) Beldeau Incised, *var. Beldeau*, (d-f) Marksville Stamped, *var. Mabin*, (g-i) Hollyknowe Ridge Pinched, *var. unspecified*.

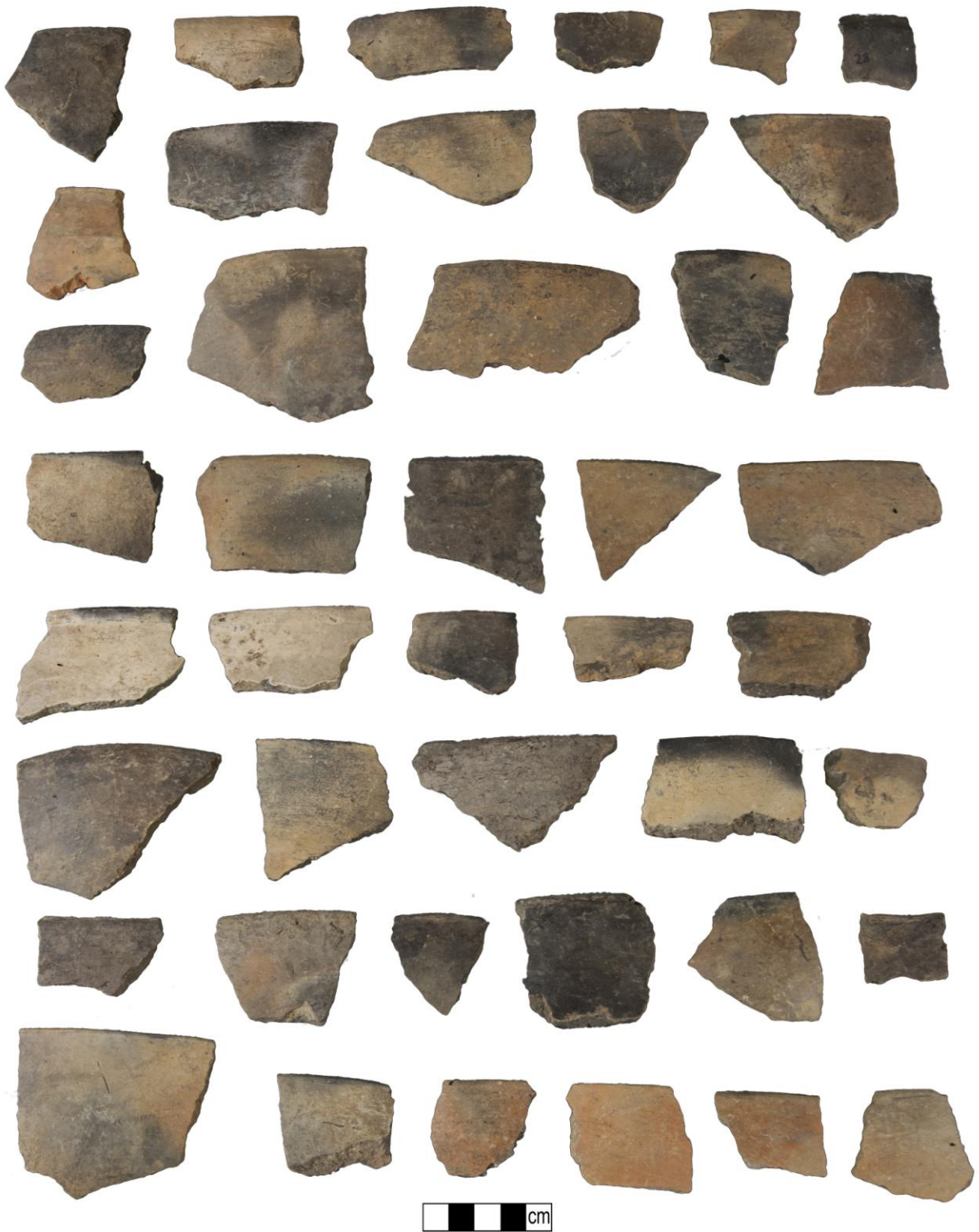


Figure 10.83. Smith Creek, Sibley Collection, plain pottery.



Figure 10.84. Smith Creek, Sibley Collection, plain pottery with decorated lips, mend holes, or lugs.

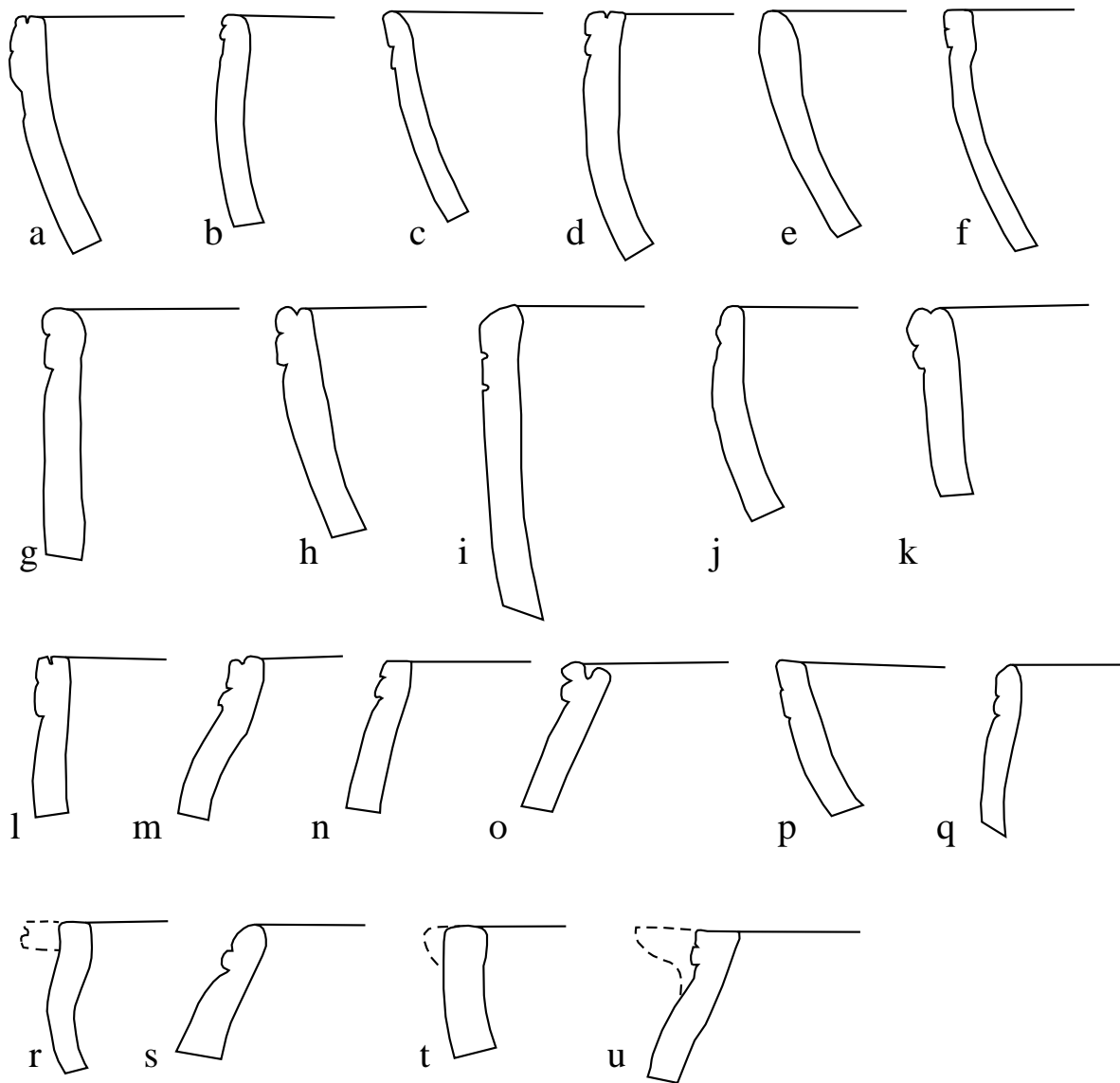


Figure 10.85. Smith Creek, Sibley Collection, rim profiles, Coles Creek Incised, *var. Chase*. (a) bowl, 25 cm rim diameter; (b) bowl for which vessel size could not be determined; (c) bowl, 20 cm rim diameter; (d) deep bowl, 20 cm rim diameter; (e) bowl for which vessel size could not be determined; (f) bowl, 11 cm rim diameter; (g) beaker, 32 cm rim diameter; (h) deep bowl, 25 cm rim diameter; (i) beaker, 14 cm rim diameter; (j) bowl, 20 cm rim diameter; (k) beaker/bowl for which vessel size could not be determined; (l) beaker/bowl for which vessel size could not be determined; (m) restricted jar/bowl, 10 cm rim diameter; (n) restricted jar, 12 cm rim diameter; (o) restricted bowl/jar, 12 cm rim diameter; (p) bowl for which vessel size could not be determined; (q) bowl, 9 cm rim diameter; (r) bowl/pipe, 6 cm rim diameter; (s) restricted jar/bowl, 14 cm rim diameter; (t) beaker/bowl, 7 cm rim diameter.; (u) restricted bowl, 14 cm rim diameter.

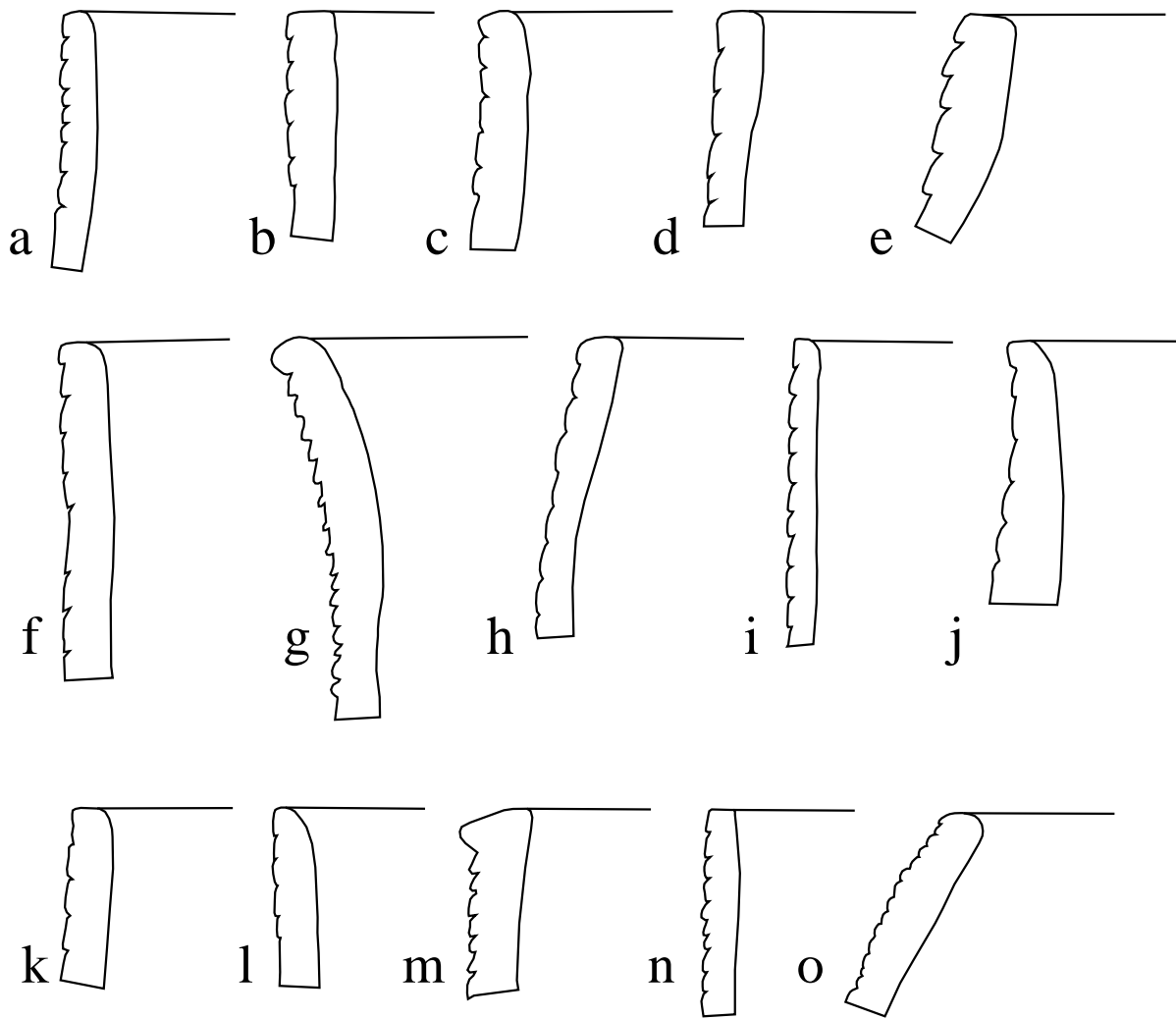


Figure 10.86. Smith Creek, Sibley Collection, rim profiles, Coles Creek Incised, var. *Coles Creek*. (a) beaker, 20 cm rim diameter; (b) beaker, 29 cm rim diameter; (c) beaker, 19 cm rim diameter; (d) beaker, 17 cm rim diameter; (e) restricted jar for which vessel size could not be determined; (f) beaker, 24 cm rim diameter; (g) beaker for which vessel size could not be determined; (h) restricted jar, 26 cm rim diameter; (i) beaker, 16 cm rim diameter; (j) beaker for which vessel size could not be determined; (k) beaker, 21 cm rim diameter; (l) beaker/deep bowl, 29 cm rim diameter; (m) beaker, 24 cm rim diameter; (n) beaker for which vessel size could not be determined; (o) restricted jar, 26 cm rim diameter.

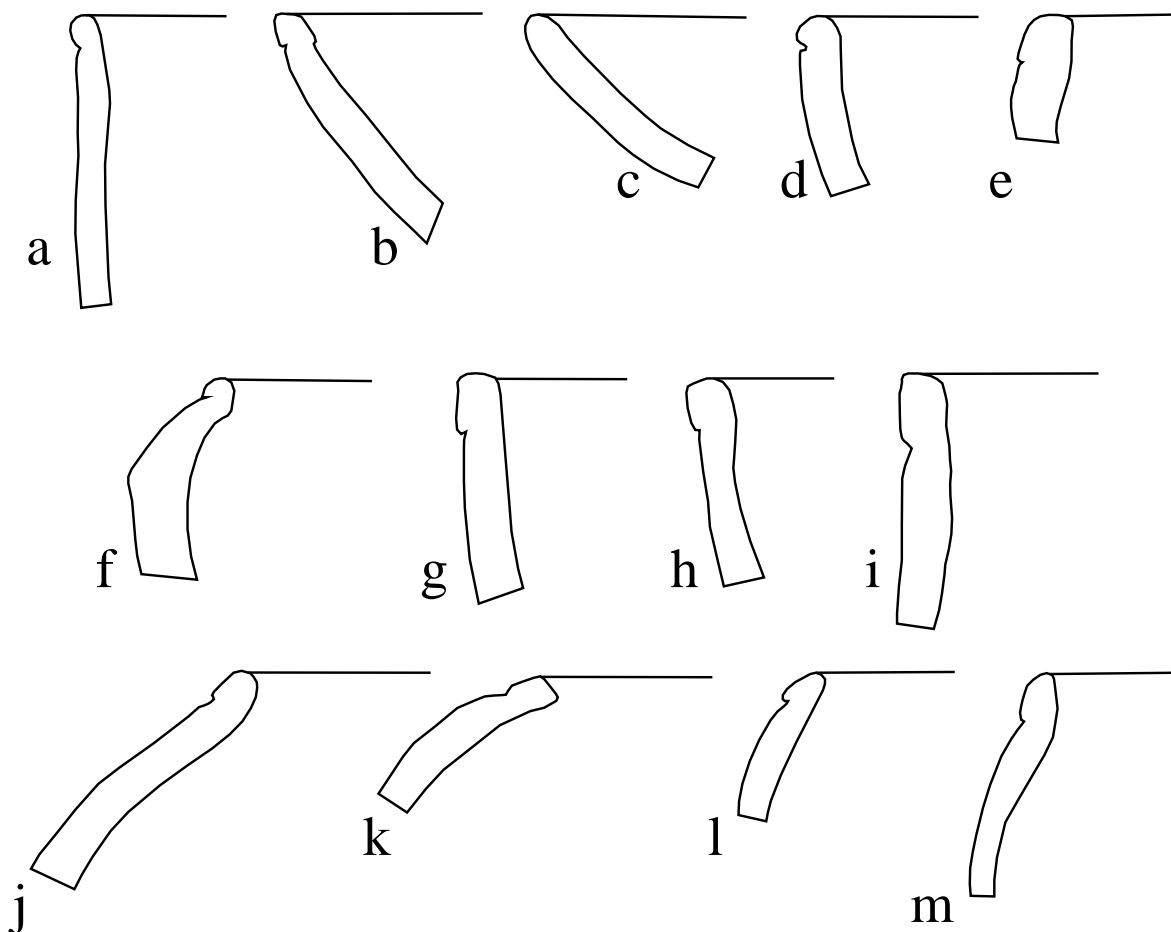


Figure 10.87. Smith Creek, Sibley Collection, rim profiles, Coles Creek Incised, *var. Phillips*. (a) beaker, 13 cm rim diameter; (b) bowl, 35 cm rim diameter; (c) shallow bowl, 28 cm rim diameter; (d) bowl, 15 cm rim diameter; (e) bowl, 11 cm rim diameter; (f) restricted bowl for which vessel size could not be determined; (g) beaker/bowl, 13 cm rim diameter; (h) deep bowl, 9 cm rim diameter; (i) beaker, 13 cm rim diameter; (j) restricted bowl, 7 cm rim diameter; (k) restricted bowl, 11 cm rim diameter; (l) restricted bowl, 9 cm rim diameter; (m) restricted jar, 13 cm rim diameter.

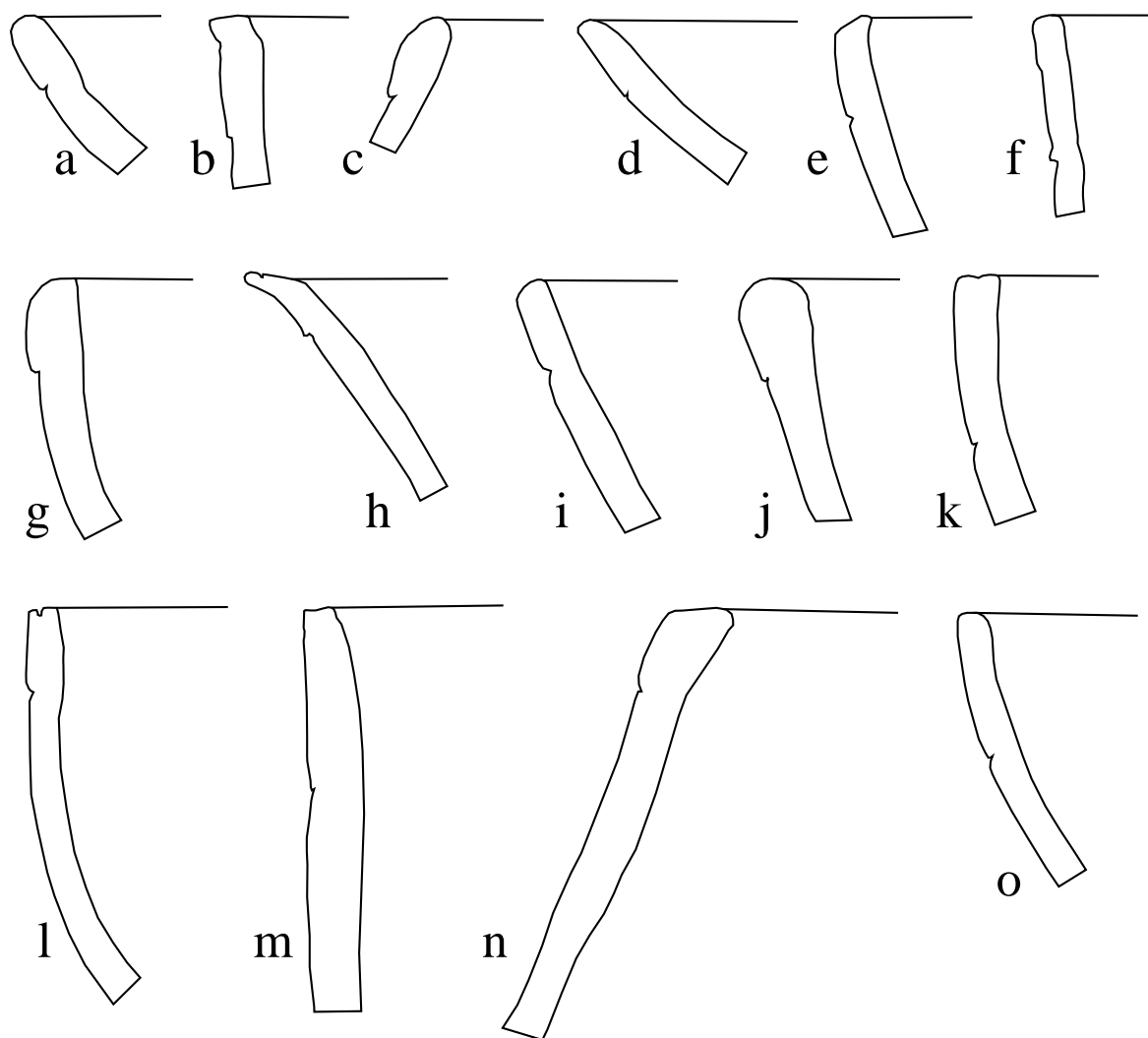


Figure 10.88. Smith Creek, Sibley Collection, rim profiles, Coles Creek Incised, var. *Stoner*. (a) bowl, 21 cm rim diameter; (b) deep bowl, 23 cm rim diameter; (c) restricted jar/bowl for which vessel size could not be determined; (d) shallow bowl, 27 cm rim diameter; (e) bowl for which vessel size could not be determined; (f) beaker/deep bowl, 11 cm rim diameter; (g) bowl; 28 cm rim diameter; (h) bowl/necked jar for which vessel size could not be determined; (i) bowl for which vessel size could not be determined; (j-k) bowl for which vessel size could not be determined; (l) bowl, 32 cm rim diameter; (m) beaker for which vessel size could not be determined; (n) restricted jar, 21 cm rim diameter; (o) bowl for which vessel size could not be determined.

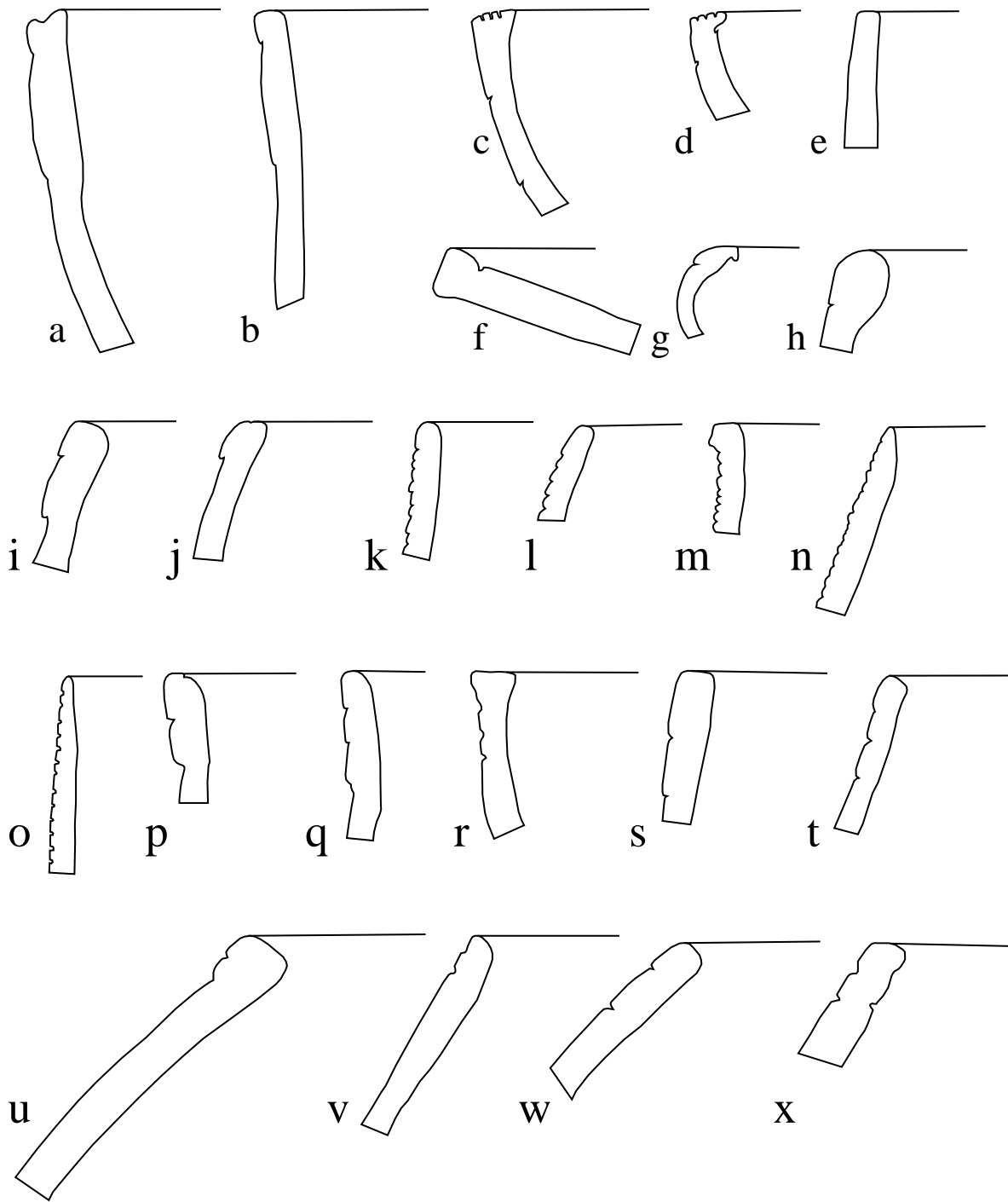


Figure 10.89. Smith Creek, Sibley Collection, rim profiles, Coles Creek Incised. (a) *var. Campbellsville*, deep bowl, 38 cm rim diameter; (b) *var. Campbellsville*, beaker for which vessel size could not be determined; (c-d) *var. Campbellsville*, bowl for which vessel size could not be determined; (e) *var. Blakely*, beaker for which vessel size could not be determined; (f) *var. Judd Bayou*, plate for which vessel size could not be determined; (g) *var. Greenhouse*, pipe, 6 cm rim diameter; (h) *var. unspecified*, restricted jar, 17 cm rim diameter; (i) *var. unspecified*, restricted

jar, 15 cm rim diameter; (j) *var. unspecified*, restricted jar, 12 cm rim diameter; (k) *var. Mott*, beaker for which vessel size could not be determined; (l) *var. Mott*, restricted jar/bowl for which vessel size could not be determined; (m) *var. Mott*, beaker, 19 cm rim diameter; (n) *var. Mott*, restricted jar, 11 cm rim diameter; (o) *var. Mott*, beaker, 14 cm rim diameter; (p) *var. Hunt*, beaker/bowl, 32 cm rim diameter; (q) *var. Hunt*, beaker, 27 cm rim diameter; (r) *var. Hunt*, bowl for which vessel size could not be determined; (s) *var. Hunt*, restricted jar for which vessel size could not be determined; (t) *var. Hunt*, restricted jar, 13 cm rim diameter; (u) *var. Hunt*, restricted jar, 24 cm rim diameter; (v) *var. Hunt*, restricted jar, 27 cm rim diameter; (w-x) *var. Hunt*, restricted jar for which vessel size could not be identified.

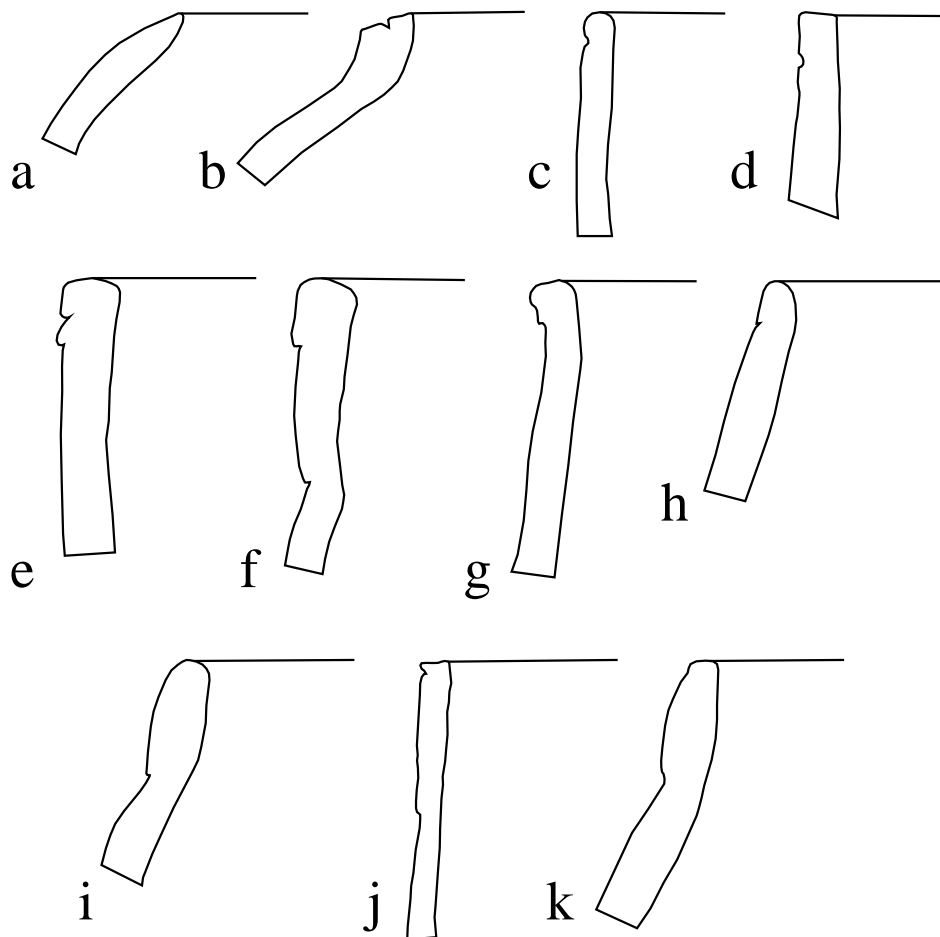


Figure 10.90. Smith Creek, Sibley Collection, rim profiles, Mazique Incised. (a-b) *var. Kings Point*, restricted bowl for which vessel size could not be determined; (c) *var. Kings Point*, beaker for which vessel size could not be determined; (d) *var. Mazique*, beaker, 25 cm rim diameter; (e) *var. Mazique*, beaker, 15 cm rim diameter; (f) *var. Mazique*, necked jar, 10 cm rim diameter; (g) *var. Mazique*, beaker, 16 cm rim diameter; (h) *var. Mazique*, restricted jar, 22 cm rim diameter; (i) *var. Manchac*, restricted jar, 15 cm rim diameter; (j) *var. Mazique*, beaker, 10 cm rim diameter; (k) *var. unspecified*, restricted jar for which vessel size could not be determined.

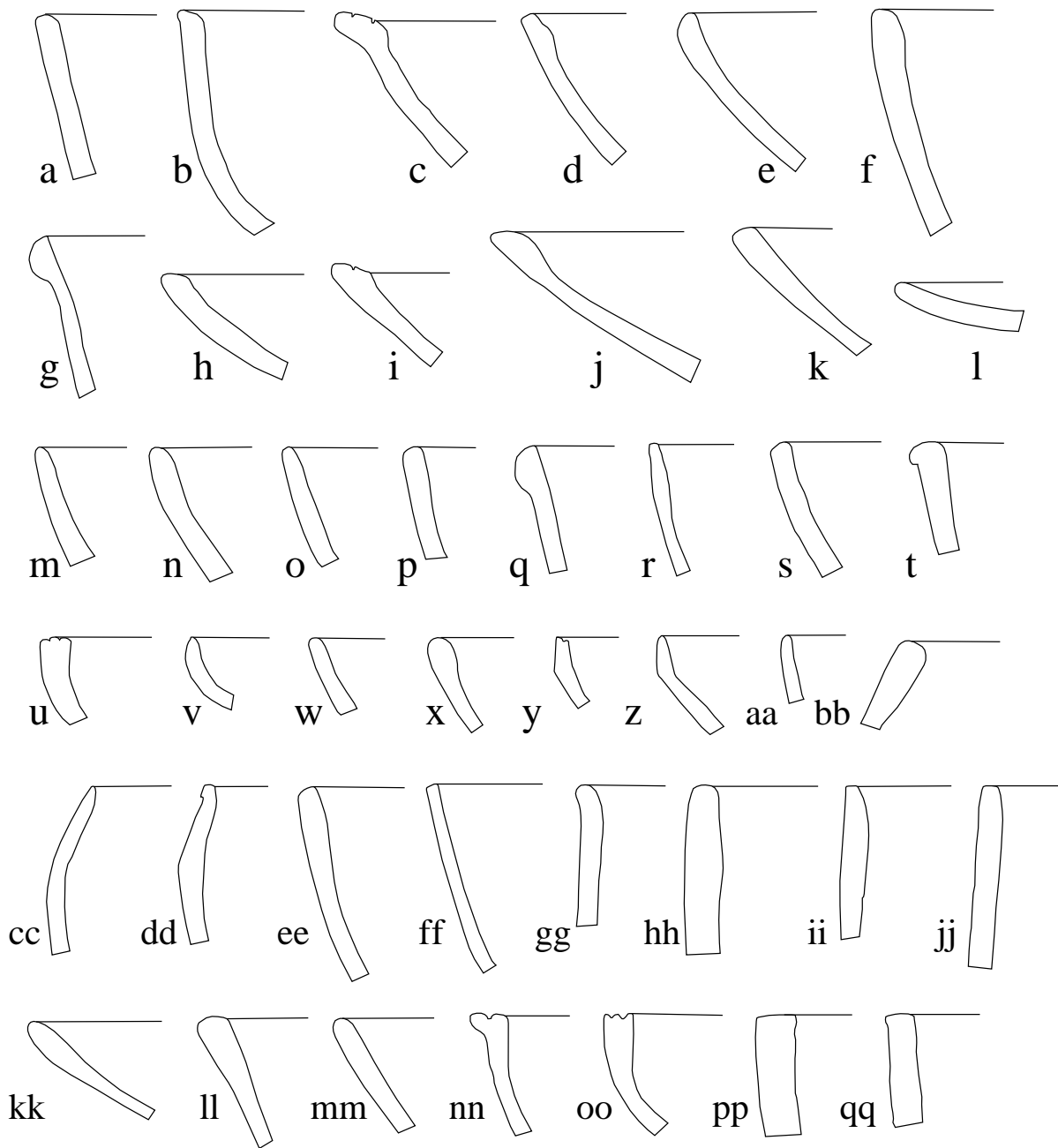


Figure 10.91. Smith Creek, Sibley Collection, rim profiles, Baytown Plain, *var. unspecified*. (a) deep bowl, 23 cm rim diameter; (b) deep bowl, 24 cm rim diameter; (c) bowl, 23 cm rim diameter; (d) bowl, 46 cm rim diameter; (e) bowl, 22 cm rim diameter; (f) bowl, 29 cm rim diameter; (g) deep bowl, 40 cm rim diameter; (h) shallow bowl, 31 cm rim diameter; (i) bowl for which vessel size could not be determined; (j) shallow bowl, 48 cm rim diameter; (k) shallow bowl, 29 cm rim diameter; (l) plate, for which vessel size could not be determined; (m) bowl, 18 cm rim diameter; (n) bowl, for which rim diameter could not be determined; (o) bowl, 27 cm rim diameter; (p) deep bowl, 15 cm rim diameter; (q) deep bowl, 45 cm rim diameter; (r) deep bowl, 15 cm rim diameter; (s) bowl, 29 cm rim diameter; (t) bowl, 29 cm rim diameter; (u) shallow bowl for which vessel size could not be determined; (v) bowl, 11 cm rim diameter; (w) bowl, 30

cm rim diameter; (x) bowl, 22 cm rim diameter; (y) carinated bowl, 12 cm rim diameter; (z) carinated bowl, 21 cm rim diameter; (aa) beaker/deep bowl, 17 cm rim diameter; (bb) restricted jar, 26 cm rim diameter; (cc) restricted bowl, 9 cm rim diameter; (dd) carinated bowl for which vessel size could not be determined; (ee) deep bowl for which vessel size could not be determined; (ff) deep bowl, 28 cm rim diameter; (gg) beaker, 44 cm rim diameter; (hh) beaker, 31 cm rim diameter; (ii) beaker, 27 cm rim diameter; (jj) beaker, 31 cm rim diameter; (kk) shallow bowl, 41 cm rim diameter; (ll) deep bowl, 43 cm rim diameter; (mm) bowl, 41 cm rim diameter; (nn) bowl for which vessel size could not be determined, (oo) bowl, 24 cm rim diameter; (pp) beaker for which vessel size could not be determined; (qq) beaker, 18 cm rim diameter.

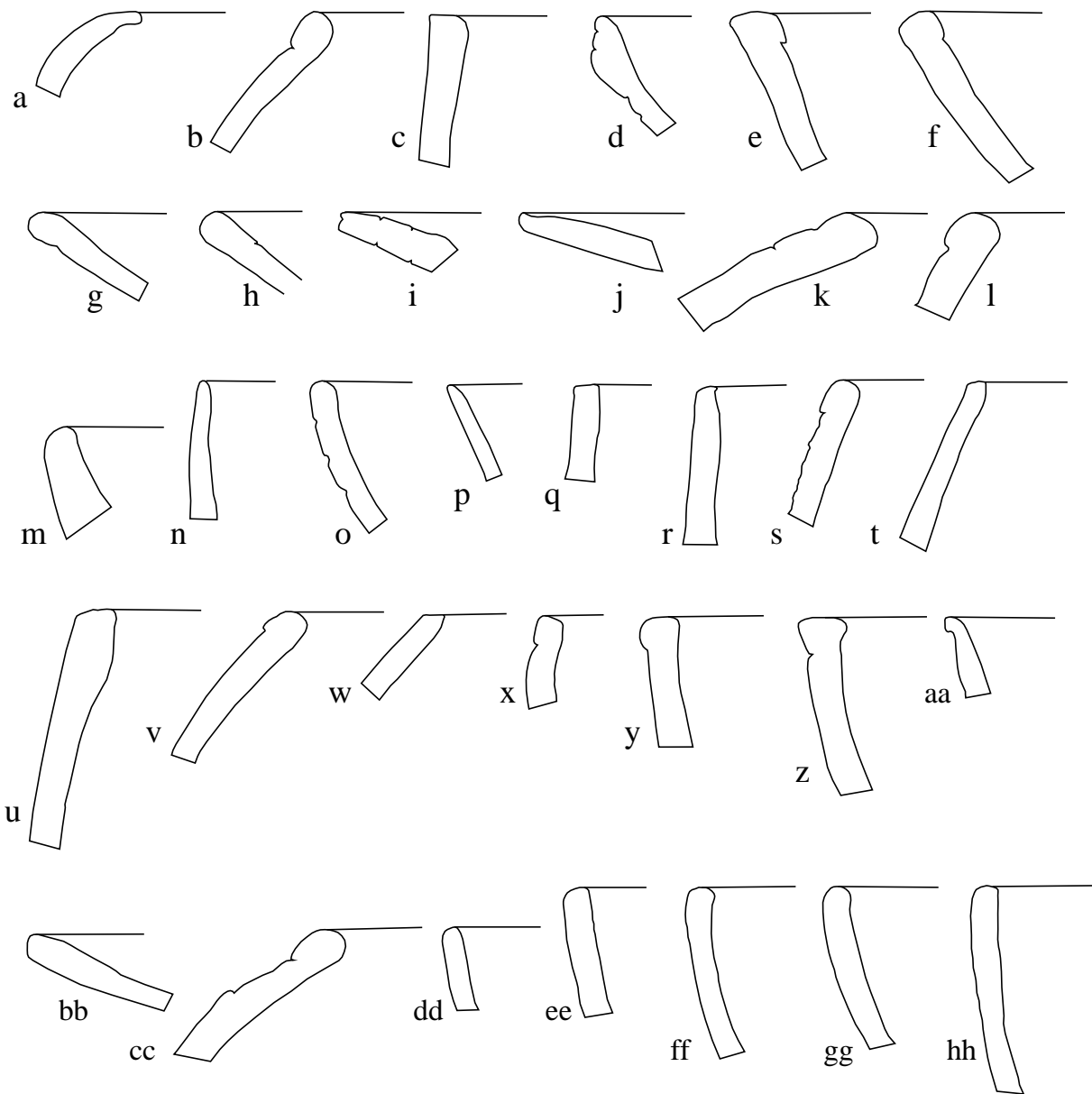


Figure 10.92. Smith Creek, Sibley Collection, rim profiles. (a) Unclassified decorated, restricted bowl, 9 cm rim diameter; (b) Unclassified decorated, restricted jar, 14 cm diameter; (c) Unclassified decorated, beaker/deep bowl for which vessel size could not be determined; (d) Unclassified decorated, bowl/necked jar, 19 cm rim diameter; (e-f) Larto Red, *var. Larto*, bowl for which vessel size could not be determined; (g-h) Larto Red, *var. Larto*, shallow bowl/plate for which vessel size could not be determined; (i) Anna Incised, *var. Australia*, plate/flaring rim bowl for which vessel size could not be determined; (j) Anna Incised, *var. Anna*, shallow bowl/plate for which vessel size could not be determined; (k) Alligator Incised, *var. unspecified*, restricted jar/bowl, 30 cm rim diameter; (l) Alligator Incised, *var. unspecified*, restricted jar, 32 cm rim diameter; (m) Evansville Punctated, *var. Rhinehart*, bowl, 22 cm rim diameter; (n) Beldeau Incised, *var. Beldeau*, beaker, 16 cm rim diameter; (o) Leland Incised, *var. unspecified*,

bowl, 21 cm rim diameter; (p) Plaquemine Brushed, *var. Plaquemine*, flaring rim jar, 12 cm rim diameter; (q) Plaquemine Brushed, *var. Plaquemine*, beaker for which vessel size could not be identified; (r) Plaquemine Brushed, *var. Plaquemine*, beaker, 18 cm rim diameter; (s) Chevalier Stamped, *var. Chevalier*, restricted jar for which vessel size could not be determined; (t) Chevalier Stamped, *var. Lulu*, restricted jar, 16 cm rim diameter; (u) Chevalier Stamped, *var. unspecified*, restricted jar, 26 cm rim diameter; (v) French Fork Incised, *var. Larkin*, restricted jar/bowl, 14 cm rim diameter; (w) French Fork Incised, *var. Larkin*, restricted jar/bowl for which vessel size could not be identified; (x) French Fork Incised, *var. Laborde*, restricted bowl, 16 cm rim diameter; (y) French Fork Incised, *var. Laborde*, beaker, 21 cm in diameter; (z) French Fork Incised, *var. Laborde*, deep bowl, 19 cm rim diameter; (aa) French Fork Incised, *var. unspecified*, bowl/necked jar, 10 cm rim diameter; (bb) French Fork Incised, *var. unspecified*, plate for which vessel size could not be determined; (cc) French Fork Incised, *var. unspecified*, restricted bowl, 26 cm rim diameter; (dd) Mississippi Plain, *var. unspecified*, bowl, 25 cm rim diameter; (ee) Mississippi Plain, *var. unspecified*, deep bowl, 25 cm rim diameter; (ff-gg) Mississippi Plain, *var. unspecified*, bowl, 25 cm rim diameter; (hh) Mississippi Plain, *var. unspecified*, deep bowl, 16 cm rim diameter.

Appendix 1

Type and Variety Definitions

Each sherd from the Mound Trail project measuring at least a half-inch in length was first classified according to the type-variety system developed by Ford (1951) and Phillips (1970) and expanded by Williams and Brain (1983) and others. In each of the following descriptions, the sorting criteria used for identifying the type and variety are outlined and in some cases, we provide additional information about how a given variety is separated from similar varieties. Temporal designations used below are based on the work of Phillips (1970), Brain et al. (n.d.), and Williams and Brain (1983) (as summarized in Brown [1998]) unless otherwise noted.

Plain Wares

Baytown Plain, var. *Addis*. Though generally only classified as Baytown Plain, var. *unspecified*, in some cases, plain sherds were identified as Addis Plain. This ware is a marker of the Plaquemine culture, but sherds of *Addis* are also found in contexts dating to the Gordon phase.

Baytown Plain, var. *unspecified*. Baytown Plain is the dominant plain ware from the Grand Gulf phase of the Marksville period through historic times. It encompasses all grog-tempered wares in the LMV and shows a great deal of variation in surface finish, color, size and amount of temper, and quality of manufacture. Many varieties of Baytown Plain have been defined based on differences in these characteristics and provide more temporal and geographic specificity. The bases for these variety differentiations are subtle, ambiguous, and often exceedingly difficult to replicate. At this time, little effort has been made to differentiate paste in these collections, though at times *Addis* is separated out as Addis Plain in order to provide a date of occupation for the site at which it was found.

Mississippi Plain, var. *unspecified*. Mississippi Plain is the dominant plain ware throughout the Mississippi period further north in the Mississippi Valley. It, along with its finer counterpart, Bell Plain, encompasses the shell-tempered plain wares. Many varieties of Mississippi Plain have been defined, but no attempt was made to differentiate them here.

Decorated Wares

Alexander Incised, var. *Green Point*. Characterized by rectilinear, parallel, incised lines drawn on the exterior of vessels with very sandy paste, this variety dates to the Tchula period.

Alligator Incised, var. *unspecified*. Alligator Incised is characterized by broad, wet-paste incisions consisting of vertical or diagonal, parallel lines coming down from the exterior rim of vessels with relatively coarse paste. It often has highlight punctations at the end of the lines. It dates to Late Marksville and Baytown periods.

Anna Incised, var. Anna. This variety is characterized by fine interior incising in simple arrangements of parallel lines on plates and shallow bowls. Sometimes the lines are so fine as to resemble engraving. It dates to the Anna phase.

Anna Incised, var. Australia. Characterized by multiple parallel lines on the interior rim of plate or shallow bowls, this variety dates to the Plaquemine period.

Anna Incised, var. unspecified. This category contains all interior-incised, Addis-paste sherds that do not fit the standard decorative motifs described for known Anna Incised varieties. It generally dates to the Plaquemine period.

Avoyelles Punctated, var. Dupree. This variety is characterized by carelessly executed, zoned punctuation alternating with plain bands. The punctations are generally dot or comma-shaped and made with a sharp, pointed instrument. It dates to the Gordon phase.

Avoyelles Punctated, var. Kearney. Characterized by alternating zones of neatly executed punctuation and rectilinear incising on tapered rims, this variety dates to the Balmoral phase.

Avoyelles Punctated, var. Tatum. Characterized by alternating triangular zones of punctations alternating with line-filled triangles and other elements, this variety dates to the Gordon phase.

Avoyelles Punctated, var. unspecified. This category contains other punctated sherds that show evidence of zoning by incised lines (or are assumed to have those lines). It generally dates to the late Coles Creek and Plaquemine periods.

Beldeau Incised, var. Beldeau. Characterized by incised crosshatching in a diamond pattern with a central punctation, this variety dates to the Balmoral phase.

Carter Engraved, var. Carter. This variety is characterized by curvilinear engraving on the exterior of vessels. Two motifs are common; a scroll or meandering design on a crosshatched or plain background, and a paneled whorl or interlocking scroll design. It dates to the Anna phase.

Carter Engraved, var. unspecified. This category contains other exterior engraved sherds with no indications of incising. Here, all of these sherds show excised areas. They likely also date to the Anna phase.

Chevalier Stamped, var. Chevalier. This variety is characterized by well-executed, closely spaced rocker stamping that fills the entire zone of decoration in vertical, parallel rows. Usually, the zone of decoration is delineated by an incised line above and below the stamping in a band just below the rim. It dates to the Ballina phase.

Chevalier Stamped, var. Lulu. Characterized by rocker-stamping using a forked implement such that the outcome is paired vertical rows of punctations, this variety dates to the Gordon phase.

Chevalier Stamped, var. unspecified. This category contains all rocker-stamped sherds that do not meet the criteria discussed above for *Chevalier* and do not seem to fit other rocker-stamped categories. It maintains its importance from the Hamilton Ridge through Gordon phases.

Coles Creek Incised, var. Blakely. Characterized by multiple, very fine, non-overhanging lines widely spaced on thin, polished ware, this variety dates to the Balmoral phase.

Coles Creek Incised, var. Campbellsville. Characterized by two widely spaced, overhanging lines incised around the vessel rim, this variety dates to the Ballina phase.

Coles Creek Incised, var. Chase. This variety is characterized by two closely spaced, overhanging incised lines around the lip of well-smoothed vessels. Often a lip line is also present and sometimes vessels display decorated lugs. It dates to the Baytown and early Coles Creek periods and peaks during the Sundown phase. Here, *Chase* represents a combination of the commonly used *Chase* and *Wade* varieties, as sorting the two was nearly impossible. Though the presence of a rim strap has been a defining feature of *Chase*, at times determining if there was a rim strap was exceedingly difficult, and even when they could be sorted there appeared to be no reason to do so.

Coles Creek Incised, var. Coles Creek. This variety is characterized by three or more closely spaced, overhanging lines in a band around the vessel rim. Often, there is a single row of triangular punctations below the bottom line. It dates to the Ballina phase.

Coles Creek Incised, var. Greenhouse. Characterized by two or three widely spaced, non-overhanging lines incised in a band around the vessel rim, this variety dates to the Balmoral phase.

Coles Creek Incised, var. Hardy. Characterized by four or more crudely executed, widely-spaced, non-overhanging lines incised in a band around the vessel rim, this variety dates to the Gordon phase.

Coles Creek Incised, var. Hunt. Two or three crudely incised, non-overhanging lines below the vessel rim characterizes this variety. These lines are neither particularly closely spaced, nor particularly widely spaced. Sometimes, they have similarly crude punctations under the bottom line. It dates to the Hamilton Ridge and Sundown phases.

Coles Creek Incised, var. Judd Bayou. This variety is characterized by a single incised line around the interior of bowls. Rarely, there is a line incised and/or punctated in the lip and/or the single interior incised line has a row of punctations above it. It dates to the Hamilton Ridge and Sundown phases.

Coles Creek Incised, var. Mott. Many closely spaced, incised lines encircling the vessel rim characterizes this variety. The often non-overhanging lines tend to be so close together that they almost resemble combing or brushing. It dates to the Balmoral phase.

Coles Creek Incised, var. *Phillips*. This variety is characterized by one incised line below the rim, sometimes accompanied by an additional incised lip line. It is differentiated from *Stoner* based on the distance from the rim to the line (0-10mm). It is one of the earliest varieties of Coles Creek Incised, first appearing in the Hamilton Ridge phase, and likely continuing at least into the Ballina phase. Often, descriptions of *Phillips* specify that the line be crudely incised; however, here, the line varies from being crudely incised to neatly incised and the neater version may represent a new variety.

Coles Creek Incised, var. *Stoner*. This variety is characterized by a single, often overhanging line, incised well below the lip (10+ mm) of well-smoothed or polished large, shallow bowls. Often an incised line in the lip accompanies this motif. It dates to the Sundown phase. Like *Phillips*, *Stoner* ranges from being crudely incised to neatly incised and may be able to be split into two varieties.

Coles Creek Incised, var. *unspecified*. This category contains the many sherds that have parallel, incised lines encircling the rim, but do not have characteristics that identify them to a specific variety. It generally encompasses the entire Coles Creek period, as well as the Baytown and early Plaquemine periods.

Evansville Punctated, var. *Rhinehart*. Punctations (without associated incised lines) arranged randomly or in rows characterize this variety. Punctations may be triangular, lumate, or circular. It dates to the Balmoral phase.

Evansville Punctated, var. *Sharkey*. Characterized by fingernail punctations (without associated incised lines), this variety dates to the Gordon phase.

Evansville Punctated, var. *unspecified*. This classification captures unclassifiable punctuation (without associated incised lines) on coarse grog-tempered pottery. It generally dates throughout the Coles Creek period.

Fatherland Incised, var. *Fatherland*. This variety is characterized by curvilinear incised motifs on the exterior of vessels. The lines are narrow (less than 1mm thick) and run parallel in groups of 2 or 3. It dates to the Emerald and Natchez phases.

French Fork Incised, var. *French Fork*. This variety is characterized by complex, curvilinear incised or linear, punctated decoration with zones of fine stippling, sometimes so fine and consistent as to make the decoration seem to stand away from the background. Triangular, wedge-shaped, or circular punctations usually punctuate the ends of the incised lines. It dates to the Sundown and Ballina phases.

French Fork Incised, var. *Laborde*. Typical French Fork Incised decoration also characterizes this variety, but incised parallel lines form the zoned decoration. The lines often have accent punctations at their ends. It dates to the Sundown and Ballina phases.

French Fork Incised, var. *Larkin*. This variety is characterized by typical French Fork Incised decoration but with more random, usually larger triangular or wedge-shaped punctations as the

zoned decoration. These punctations are less neatly applied than *French Fork* and do not display the cameo effect. It dates to the Ballina phase.

French Fork Incised, var. McNutt. This variety is characterized by French Fork Incised decoration with incised lines as the background treatment on tapered rim vessels. The lines do not have accent punctations. It dates to the Balmoral phase.

French Fork Incised, var. Wilzone. Typical French Fork Incised decoration characterizes this variety, but with rocker stamping as the zoned decoration. This is the earliest variety of French Fork Incised, dating to the Baytown period.

French Fork Incised, var. unspecified. The category contains French Fork Incised sherds that are missing the diagnostic trait of background treatment. It generally dates to the late Baytown through Coles Creek periods.

Harrison Bayou Incised, var. Harrison Bayou. This variety is characterized by the presence of incised lines arranged in an oblique, crosshatched pattern similar to Beldeau Incised but without the central punctations. It dates to the Gordon phase.

Harrison Bayou Incised, var. unspecified. This category contains crosshatched, incised sherds that are not on the typical *Addis*-paste. It likely dates to the late Coles Creek period.

Hollyknowe Ridge Pinched, var. unspecified. Characterized by linear, vertical designs made by pinching wet clay between the thumb and finger creating a ridge effect, this variety dates to the late Marksville through Baytown periods

Larto Red, var. Larto. This variety is characterized by overall red slip on the interior, exterior, or both faces of sherds. This includes sherds with a single incised line close to the rim (and often on the interior of the vessel) and a few with incising in the lip. It dates to the Hamilton Ridge and Sundown phases.

Larto Red, var. Silver Creek. Characterized by a single, overhanging line incised well down the exterior of red-slipped vessels, this variety dates to the Sundown phase.

Leland Incised, var. unspecified. This type is characterized by trailed, shallow, wide, curvilinear incisions that were made while the paste was dry. It generally dates to the Foster, Emerald, and Natchez phases.

Maddox Engraved, var. Emerald. This variety is characterized by a combination of engraved lines (generally in a cross-hatched pattern), framed by broad, shallow incisions. It dates to the Foster, Emerald, and Natchez phases.

Marksville Incised, var. Yokena. Broad, U-shaped incised designs with no evidence of stamping characterize this variety. The lines were done while the paste was dry and are generally applied in complex curvilinear or rectilinear patterns. It dates to the middle and late Marksville period.

Marksville Incised, var. *unspecified*. This category includes sherds with broad, U-shaped incised designs with no evidence of stamping that are too carelessly incised to be *Yokena*. It generally dates to the Grand Gulf through Issaquena phases of the Marksville period.

Marksville Stamped, var. *Mabin*. Characterized by Marksville Incised-style decoration with zones of dentate stamping, this variety dates to the Marksville period.

Marksville Stamped, var. *Manny*. This variety is characterized by the same U-shaped incisions around zones of dentate stamping; however, in this case the stamping was applied using a rocker motion. It dates to the Issaquena phase.

Marksville Stamped, var. *Troyville*. Characterized by U-shaped incisions around zones of plain rocker stamping, this variety dates to the Issaquena phase.

Mazique Incised, var. *Kings Point*. This variety is characterized by bands of line-filled triangles around the rim of vessels with tapered rims. Lines are neatly incised and non-overhanging. It dates to the Balmoral phase.

Mazique Incised, var. *Manchac*. Characterized by careless, diagonal incisions in a band around the vessel rim, this variety dates to the Gordon through Natchez phases.

Mazique Incised, var. *Mazique*. Characterized by bands of overhanging line-filled triangles around the vessel rim, this variety dates to the Ballina phase.

Mazique Incised, var. *unspecified*. This category contains all sherds that show diagonal incised lines but cannot be confidently identified into a variety. It generally dates to the Coles Creek and Plaquemine periods.

Mulberry Creek Cord-Marked, var. *Edwards*. This variety is characterized by an overall roughening of the vessel exterior using a cord-wrapped paddle. Though the cords are of various sizes and the impressions have various spacing and direction, they are usually overlapping and deep. It dates to the Baytown period. Here, *Edwards* was defined based on the presence of two or more of the following characteristics: (1) deep and thick cord impressions, (2) thick and coarse ware, (3) overlapping cord marks without any attempt at a pattern.

Mulberry Creek Cord-Marked, var. *Smith Creek*. This variety is characterized by neatly applied cord marking usually found below a band of typical Coles Creek Incised, var. *Coles Creek* decoration. Often the cord marking was applied in such a way as to create a diamond pattern across the majority of the vessel. It dates to the early and middle Coles Creek period. This variety was differentiated from *Edwards* by the presence of two or more of the following characteristics: (1) thin and shallow cord impressions, (2) thin and compact ware, (3) purposeful crisscrossed pattern with uniform spacing.

Mulberry Creek Cord-Marked, var. *unspecified*. This category contains sherds that displayed a combination of the defining characteristics listed above such that the sherd could not

confidently be placed in either *Smith Creek* or *Edwards*. It generally dates to the Hamilton Ridge through Sundown phases.

Plaquemine Brushed, var. *Plaquemine*. This variety consists of brushing or combing applied in oblique, horizontal, or vertical bands. It sometimes shows incising and punctating associated with the pattern. It dates to the Gordon, Anna, and Foster phases.

Plaquemine Brushed, var. *unspecified*. This category contains brushed or combed sherds that do not clearly fit the classic *Plaquemine* pattern. It also dates to the Gordon, Anna, and Foster phases.

Pontchartrain Check Stamped, var. *unspecified*. This type is characterized by all-over decoration with a waffle-like grid of small, square impressions. It generally dates to the late Coles Creek period, though an earlier Marksville variety does exist.

Woodville Zoned Red, vars. *Woodville*. This variety is characterized by zones of red filming set off from zones of unslipped, plain surface by incised lines. Often, the zoning is in French Fork Incised-like designs with associated accent punctations. The filming is usually inside the design while the background is left plain and decoration is on the interior of open bowls and plates. It dates to the Hamilton Ridge phase.