

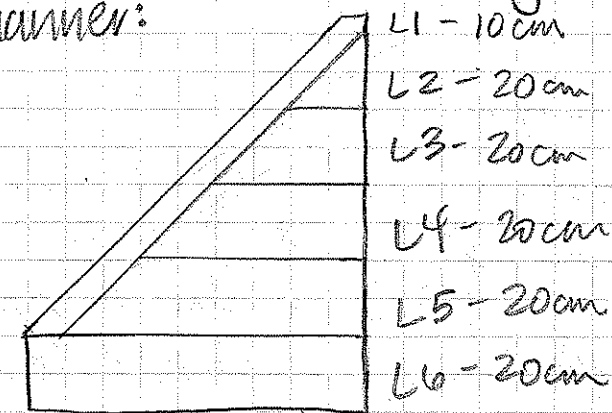
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Bates II
1018 R523

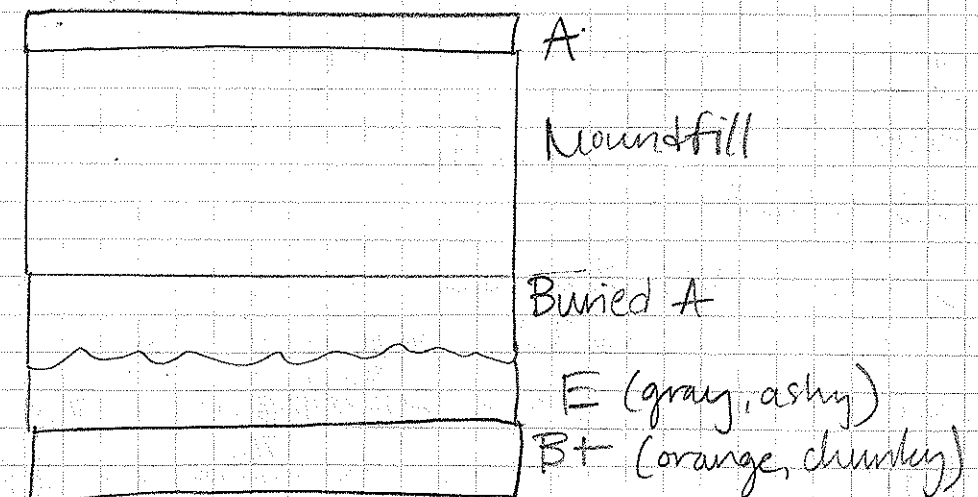
Crew: AV, AC

5/15/13

Amanda and I set up the screen and string the unit. We determined that we would excavate in arbitrary levels in the following manner:



The soil profile should appear as follows:



Our current thought is that the mound may be Archaic because no sherds were found in the cores taken from this mound. The cores indicate that moundfill may have been deposited, but it is still not clear whether Bates II is a mound.

Andy, Amanda, and I took surface elevations after removing the grass from the unit.

NE: 0cm (datum)

SE: 14.5 cmbd

SW: 42 cmbd

NW: 48 cmbd

Munsell (surface): 10YR 2/2

We removed level 1 (arbitrary 10cm level aiming to remove historic material). Found 3 rocks at bottom of level 1 and a pen in the A horizon. A few rocks were collected from this level.

Level 2 was a 20cm arbitrary level that yielded small bits of charcoal as well as historic pottery.

Bates II Crew: AC
1018 R 523

5/16/13

Level 2 was expanded to 30cm in depth in order to remove possible moundfill. At ~ 30 cm below datum, the historic pottery was found yesterday. Nothing was found in the soils from 30 to 40 cmbd. Chunks of clay were found in level 2. Level 3 was opened.

Level 3 contained a large amount of clay that appeared to be moundfill. The soil

has had a consistently high clay content in levels 2 and 3.

Bates II Crew: MW, AC
1018 R 523

5/17/13

We continued excavating level 3. We clean troweled the walls and floor and taught Morgan how to clean trowel. Two cores in level 3 made us believe that we would reach a buried A at around 70 cmbd. However, the dark fill that appeared to be buried A looked like basketloading in the East profile. Also, the dark soil did not extend across the floor of the unit. If it were buried A, it would extend across the floor. Basketloading is also apparent in the floor. Three soil colors are present on the floor of level 3.

Bates I Crew: EA, BD, CA
361 R 964

5/20/13

Today, I taught Emily, Ben, and Cashen how to map profile walls. We saw a number of disturbances in the unit. These included an armadillo burrow and several small animal burrows. Basketloading was also apparent. Basketloads varied in soil color and texture. Although most deposits were silty, others had a higher clay content and could be characterized as loam. The

unit had visible humus, buried A, E, and Bt horizons with clear stratigraphic breaks denoting them. Each soil and moundfill horizon was described in a key by its color and texture.

Lesley Crew: CA 5/21/13
197R663

Today, we removed one level from this unit at Lesley. The arbitrary 15 cm level that was sought ended up being 20 cm in depth after measurements were taken. Each corner was approximately 20 cm below its value for cmbs (cm below surface). This level was excavated in order to remove all historic material from the unit. The level was taken down to 20 cm in depth because an iron stake was found at ~15 cm below surface and it was determined that the level must go deeper in order to excavate all historic fill. The level was clean troweled and photographed. Several prehistoric sherds were also found in this level. By the bottom of the level, a soil change had occurred that appeared to be indicative of moundfill. The soil was

more yellow in color and was mottled with greyish brown soil. A charcoal sample was taken from this level.

Lesley Crew: AV, CA, KW 5/22/13
197R663

Today, we took the unit down two additional levels. Each of these levels was arbitrary and 30 cm in depth. All levels were excavated in the "layercake" manner described and diagrammed on page 1 of this journal. Level 2 extended just over half of the length of the unit, while level 3 extended across the length of the entire unit. Level 2 contained prehistoric pottery and flakes. Several pieces of pottery were decorated, likely with a brushed design. Level 3 also contained prehistoric pottery, though it was a smaller amount than was recovered from Level 2. No soil changes were noted while excavating the depth between the base of Level 2 and the base of Level 3. However, the base of Level 3 has not yet been clean troweled. After clean troweling, a soil change may be noted. It appears as though Levels 2 and 3 represent moundfill. Level 2 was photographed today and Level 3 will be clean troweled and photographed tomorrow.

Lab Work Crew: CA, KW

5/23/13

Today Kelly, Cashen, and I did lab work at the shelter. We washed and rough sorted artifacts from all sites. Counts were recorded for each artifact type, but weights were not taken because a scale was not available at the shelter.

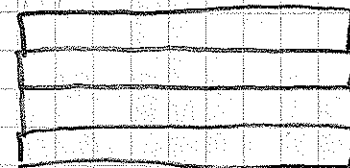
Lessley Crew: MW, KW
197R663

5/28/13

Today, we excavated 197R663 down to 120 cm bd. We removed all of the buried A, revealing the E horizon. The buried A was relatively thin and we had completely removed it once the last arbitrary 30 cm level (Level 5) was removed. There were no features present in either the E or the buried A. However, we did see basketloading in the profile. There was also a noticeable slope wash stratum above the buried A, suggesting that the living surface was unoccupied for a period before mound construction was completed. Meg told me that the slope wash indicates that Lessley mound was built in concentric additions of increasing diameter, rather than flat layers that expanded across the entire extent of the mound.



"concentric additions"



"layer cake"

Lessley Crew: MW
197R663

5/29/13

Morgan and I spent the day profile mapping unit 197R663. We finished the east and west profiles and started mapping the North profile wall. In addition to the A horizon, moundfill, buried A, E horizon, and B+ horizon commonly found in all units, there was a stratum of slope wash in 197R663 directly above the buried A. This stratum was present in all four walls of the unit, though it was thinner in some walls than in others. Around 2 it began to pour rain and we had to cover the unit before completing the map of the north profile and starting the map of the south profile.

Bayou Pierre (Mound A) Crew: MW, KE
254R491

5/30/13

Today, Morgan, Kelly, and I opened up a unit on Mound A at Bayou Pierre. 254R491 was positioned on the slope of the mound in order to better understand the stratigraphy of the mound and therefore, the processes by which it was constructed. We removed a humus stratum ~10cm in depth across the entire unit. We then began excavating another arbitrary level 30cm in depth. We found pottery, lithics, and more historic material in this level. The presence of historic material indicates that we did not remove the entire humus

layer in the initial 10cm deep level.

Lab Work Crew: SMB

5/31/13

Today, Steven and I worked on rough sorting and washing artifacts collected from sites excavated thus far, including: Lessley, Pumpkin Lake, Bates I, and Bates II.

Lab Work Crew: MW, EA

6/3/13

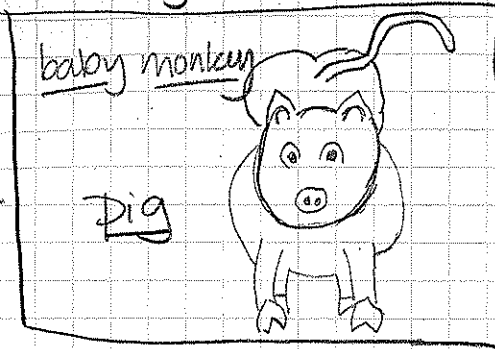
Morgan, Emily, and I worked on floating samples from several sites. I taught Morgan and Emily how to use the float machine. First, Morgan began by washing and then Morgan and Emily switched after lunch. Morgan began floating after lunch and Emily began washing artifacts. Though we had trouble with the sprayer attachment, we managed to float several samples using the small hose to clean the screens.

Bayou Pierre Crew: SMB 623R975 6/4/13

Today, Steven and I mapped all four walls of unit 623R975 at Bayou Pierre Mound D. Before mapping, we clean troweled the walls and floor of the unit for photograph. We assisted Morgan and David with filling and carrying buckets from the unit on the summit of Mound D to the road. We also transported tripods and screens from Bayou Pierre Mound D to the van. Ashley took the tripods and screens to Mound A at Bayou Pierre. We did not transport the flotation and

Waterscreening buckets to the shelter because there was still a substantial amount of mud on the road. Also, David showed me the baby monkey riding on a pig video hours before writing this journal entry (see Fig. 1). Truly profound.

Figure 1.
Baby
Monkey
Riding on
a Pig



Bayou Pierre
Mound B

6/5/13

301 R 486 301 R 488
Kelly Ervin, Steven, Kelly White, Joel, and I worked on removing the A horizon from the two above units. We removed the entire A horizon from 301 R 486 and part of the A horizon from 301 R 488. Since we had to screen the A horizon using 1/4" screen, it took a long time to work through the dirt excavated from both units. We seem to have excavated down to the B+ in R 486 though the exposed floor could also be moundfill if the dark layers above it are to be interpreted as dark moundfill layers.