Cetotherium charka 6 - 1980 Field Report Photos

Feat. 27 - no photos
Feat. 28 - #4 (reprint from reg. to get all of chalkboard)
   #1: wide
Feat. 29 - #2: (reprint from reg. to get all of chalkboard)
   #3: closeup
Feat. 30 - #7 or 8 (reprint from reg. to get all of chalkboard)
Feat. 31 - no photos

Feat. 32 - #10 or 11 - in caption, mention outlines of rootlet, arrow, and numbers on NSide of grave (right side in photo)
   optional: #12, 13, or 14 - closeup

Feat. 33 - #18
   optional: #20, 21, 22, 23, or 24 - closeup

Feat. 34: #25 -
   #26 - feat. 34 in relation to F. 35
   #28 - closeup of maxilla area
   #30 - closeup of tibial area
   #29 - closeup of vertebral column
   (note:
   Shoulder Pan)

Feat. 35 - #34 & #37
   #35: closeup showing forearm bone in cranial area
   #42:
   #41:

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Catoctin Check #6 18 F.R. 323

Cat #1:
5 animal bones
2 quart # flakes (removed for further analysis)

Cat #2:
1 large horse shoe w/nails - either for snow and ice or therapeutic - machine cut nails.

Cat #3:
1 animal bone

Cat #4:
1 animal tooth
1 animal bone

Cat #5:
2 sherds (1 white ware, 1 annular pearlware)

Cat #6: Feat. 2
7 machine cut, head less nails (6 treated, 1 not treated)
6 machine cut, machine head - L headed nails (5 treated, 1 not treated)
3 machine cut, machine head - T headed nails (2 treated, 1 not treated)
2 machine cut (head?) - treated

Total 18 nails

3 shroud pins - copperous
1 fiber sample w/pin
1 soil sample
Note: the fibres in these nails run lengthwise to the shank.

Date range for nails: 1830-1900

Cat #7: Peat 1
22 machine cut, machine head - L headed nails (20 treated, 2 not treated)
1 hand wrought, rose headed nail - not treated

Total 23 nails

1 soil sample
1 fibre sample
6 shroud pins (whole + frag.) cupreous

Note: the iron fibres in these nails run lengthwise to the shank.

Date range for nails: machine cut nails

Cat #8
2 animal bones
2 animal teeth

Cat #9
3 hand wrought - L headed nails (2 treated, 1 not treated)
9 hand wrought - Rose headed nails (4 treated, 5 not treated)

Total 12 nails

1 prehistoric potsherd (removed for further analysis)
Cat #12: Feat. 5
28 hand wrought - rose headed nails (25 treated 3 not treated)
Date for nails is before 1790's.

Cat #13
2 animal bones
1 small horse shoe w/ cut nails

Cat #14: Feat. 6
1 hand wrought - L headed nails (treated) 
12 hand wrought - rose headed nails (treated) (burr on 2 sides) Date range 1790's-1810
12 machine cut, hand headed nails (treated) 1790's-1810
13 unknown nails, hand headed (treated) Date range 1790's-1820's

1 machine cut, machine head (possibly early stamped head, iron fibres length wise to shank) Date range early 1830's
1 machine cut, damaged head, iron fibres run cross wise to shank, treated) Date range 1790's - 1830

Total 76 nails

Date range: 1790's - 1830's suggest misc nails
T. antiquum = 1830's

3 soil samples (cranial, thoracic, pelvic)
9 buttons (brass of varying sizes, all plain flat front, ring eye back 1st Hume, 1970 p. 91 types 7/819)
1. Rhyolite biface
2. Rhyolite flake
2. Quartz flakes

Date for nails is before 1790's

Cat #10: Feat. 3
26 hand wrought - rose headed nails (24 treated, 2 not treated)
6 hand wrought - T-headed nails (4 treated, 2 not treated)

Total 32 nails

1 fibre sample w/ cuprous pin
3 soil samples (1 cranial, 1 pelvic, 1 thoracic)

Date for nails is before 1790's

Cat #11: Feat. 4
23 machine cut, hand headed nails from bottom of coffin. (20 treated, 3 not treated)
18 machine cut, hand headed nails (15 treated, 3 not treated)

3 machine cut, shouldered head nails.

Total 44

3 soil samples (1 cranial, 1 thoracic, 1 pelvic)
1 charcoal sample

Date range for nails - 1790's - 1810

The date found shouldered head nails is less positive than rest, but could not exceed 1820.
Cat #15. Feat 8

21 machine cut, machine headed nails (iron fibres run crosswise to shank; 18 have burrs on 2 sides; 3 have burrs on one side only and have a date range between 1820-1830; 5 are not treated)

5 machine cut, hand head - T-headed nails - treated (iron fibres run crosswise to shank plus burrs on 2 sides)

10 machine cut, shouldered head (head seems machine made but could be handmade) - iron fibres run crosswise to shank + burrs are on two sides)

1 machine cut, hand headed - treated
1 nail probably wrought - not treated (before 1790)
1 machine cut, early machine head nail - treated (iron fibres run crosswise to shank)

Total 37 nails

3 soil samples (cranial, 1 thoracic, 1 pelvic)
4 buttons (2 brass, 2 white metal flat front/ring eye back) Ref Hume 1970 Page 91 Types T, 8, 19.

Date ranges:

machine cut, machine headed nails made approx 1820
machine cut, hand headed - Thed 1790-1810 (possibly 1790-1820)
machine cut, shouldered head - if machine headed 1820-1830
   hand headed 1790-1820
machine cut, hand headed - 1790's - 1820
machine cut, early machine head 1815 - 1830's
buttons - 1790's - 1820

Cat #16: Feat 7
41 hand wrought, L-headed nails (35 treated, 6 not treated)
6 machine cut, hand headed nails (treated)
2 probable hand wrought, but possible cut nail, hand headed (not treated)

Total 49 nails

3 soil samples (cranial, thoracic, pelvic)
Date range for nails: 1790's - 1820

Cat #17: Feat 10
21 machine cut, machine head - L-headed nails (18 treated, 3 not treated)
4 screws, machine made, pinpoint treated
6 machine cut, machine head - modern square headed nails
2 machine cut, early machine head nails
3 machine cut, headless nails - treated
7 unidentified cut nails - not treated
1 unidentified hand headed nail - not treated

1 sample of wood w/ nail

Total 41 nails 1 ceramic fragment (white ware)
3 soil samples (cranial, thoracic, pelvic)
7 buttons, bone, (1.6 cm diameter), flat, 5 boled
(Ref: Home 1970 PP1 - not quite line types 1902-20)

Date Ranges:

Buttons ± 1820

Machine cut, machine head - L headed nails - 1820-1830

Screws 1800-1840

Machine cut, machine head - modern square headed 1820-1900

Machine cut, early machine head 1815-1830's

Machine cut, headless 1820-1900

Unidentified hand headed nail - multifaceted 1790/1820

cat #18

1 animal bone

cat #19: 1=cat #9.

36 hand wrought, rose headed nails (30 treated, 6 not treated)

1 hand wrought, L-headed nail (treated)

total 37 nails

350.1 samples (cranial, thoracic, pelvic)

1 seed

1 bone fragment from grave fill about coffin level.

Date range for nails is before 1790's

cat #20

1 animal bone
Cat #21  Feat. 11
4 hand wrought - treated
35 machine cut, hand headed (28 treated, 7 not treated)
2 machine cut, modern machine head - treated
Total 41 nails

3 pins (copper) Date range 1790 - 1820

Cat #22
1 bifacially worked quartz flake (removed for further analysis)

Cat #23  Feat. 12
23 machine cut, machine headed nails (18 washed, 10 not washed)
5 screws & pointless (washed)
Total 23 nails and 5 screws

1 shroud pin - copper
3 soil samples (cranial, thoracic, pelvic)

Date range
Nails: 1820 - 1900
Screws: 1800 - 1843

Cat #24  Feat. 13
49 machine cut, machine head - headed nails (45 treated, 4 not treated)
2 machine cut, hand headed nails
Total 51 nails

3 screws - round headed, pointless
3 soil samples (cranial, thoracic, pelvic)
2 buttons - shell (1.1 cm diameter) flat, 4 hole
(R. E. Home 1970, P. 91; type 22)

1 human bone, small could be an appendage

1 slag fragment

Date ranges

machine cut, machine head - L. headed nails 1820-1830
machine cut, hand headed nails 1790's-1820
screws 1800-1846 (not type 1800-1846)
cat #25

2 animal bones

2 pieces of cut wood

10+2 cat #26: feat 14

28 machine cut, machine headed nails (20 washed
8 not washed)

2 screws, pointless

Total 28 nails + 2 screws

1 human bone, small

Soil samples and wood samples

Date range

nails 1820-1900
screws 1800-1843

Rodent (20+2 cat #26: feat 14)

Bite

1 clear glass 20th century, screw top, embossed bottom

1 bag of rodent skull fragments
Cat # 27
nothing in bag. I think this was a lithic tool (Ti. par. made note of it in his field book).

Cat # 28
1 machine cut, machine headed nail
Date range: 1820-1900

Cat # 29
1 white ware sherd

Cat # 30
1 quart flake (removed for further analysis)

Cat # 31: Feat 16
39 hand wrought, rose headed nails (30 treated, 9 not treated)
5 hand wrought, t. headed nails (treated)
Total 44 nails

1 box of wood samples
1 sample of plant remains (rodent disturbance)
3 soil samples (cranial, thoracic, pelvis)

Cat # 32: Feat 18
22 hand wrought, rose headed nails (18 treated, 4 not treated)

Cat # 33: Feat 18
1 container, 2 broad pins, 1 fiber sample
3 soil samples (cranial, thoracic, pelvis)

Page 10
Cat #33 Feat 15
51 hand wrought, rose headed nails (40 washed, 11 not washed)
7 hand wrought, T headed nails (6 washed, 1 not washed)
Total 58 nails

1 sample of wood fragments from top of
1 sample of seeds of coffin
4 soil samples (cranial, thoracic, pelvic, 1 from area with seeds over tibial area of coffin
1 rhyolite flake (removed for further analysis)

Cat #34 Feat 19
43 machine cut, machine headed nails
(32 washed, 11 not washed)
Date range: 1820-1900

Cat #35 Feat 21
1 hand wrought, rose headed nail (washed)
1 soil sample (cranial)
1 sample of flower seeds from west of cranial area

Date for nail is before 1790's

Cat #36 Feat 17
13 machine cut, machine headed nails
(4 washed, 9 not washed)
Date range: 1820-1900
from sifter
15 machine cut, machine headed nails
(4 washed, 11 not washed)

Date range 1820-1900
from disturbed soil
6 hand wrought, rose headed nails
(4 washed, 2 not washed)

Date for nails is before 1790's
3 soil samples (cranial, thoracic, pelvic)

Date for range for bunia = 1820 +
cat # 37
6 animal bones
cat # 38 feat. 23
30 hand wrought, rose headed nails
(6 washed, 24 not washed)

3 soil samples (cranial, thoracic, pelvic)

Date for nails is before 1790's

cat # 39 feat. 22
28 hand wrought, rose headed nails
(4 washed, 24 not washed)

3 hand wrought, T-headed nails - washed

Total 29 nails

Dates for nails is before 1790's

1 quartz scraper (removed for further analysis)

4 soil samples (cranial, thoracic, pelvic, and pollen sample from top of coffin)
1 seed sample from top of coffin East End.
Cat # 40
1 brown lead glazed redware rimsherd
1 ferrous piece of barb wire (type unknown)

Cat # 41
1 ryolite biface fragment (removed for further analysis)

Cat # 42
1 piece of slag

Cat # 43 'Feat. 20
16 machine cut, machine headed nails
   (6 washed, 10 not washed)
2 machine cut, hand headed nails
   (1 washed, 1 not washed)

Total: 18 nails

2 soil samples (cranial, post cranial)
1 shroud pin (copperous)

Date range:
Machine cut, machine headed nails: 1820-1800
Machine cut, hand headed nails: 1790-1820

Cat # 44 'Feat. 25
17 hand wrought iron rose headed nails
   (8 washed, 9 not washed)
1 wood sample

Date for nails is before 1790's
Cat # 45:  Feet 24
14 hand wrought rose headed nails
(3 washed, 11 not washed)

Cat # 46:  Feet 26
3 soil samples (cranial, thoracic, pelvic)
Date for nails is before 1790's

31 machine cut, hand headed nails (burr on 2 sides, 6 washed, 25 not washed)
3 soil samples (cranial, thoracic, pelvic)
1 peach pit

Date range for nails: 1790's - 1810
CARIOCTIN CHECKS
FEATURE 1G
Plan view at 4.3 - 4.95' BS

NOT EXCAVATED BELOW
3.3' - 4.1' BS.

mottled yellow soil
red soil

lower Bone
49720

wood

3.785

5.085

4.085

NOT EXCAVATED BELOW SURFACE

3.3' BS.

4.1' BS.
Catactin Site 16

5. Test Trench 2. from rail road bedding
   - One piece - shale or schist

8. Test Trench 3
   - Shale - 3 pieces

4. Test Trench #2 from RR bedding
   - 1 piece ore sample
   - Floor

6. Test Trench #2 outside bedding zone
   - 3 pieces ore sample

10. Test Trench #1 from depth of 6"
    - 1 piece of iron ore

9. Test Trench #1 depth of 0"-5"
    - Quartzite flake presumed natural

11. Test Trench #1. Depth 12"
    - Quantity of claley ash substance
CAT SITE 16

CAT 5

TEST TRENCH 3
Depth 0" - 3"

6 pieces of QUARTZ... probably ARCHAIC ARTIFACTS

TEST TRENCH 1
Depth 0" - 6"

1 IRON RR SPK

TEST TRENCH 1
Depth 0" - 6"

1 IRON FRAGMENT

TEST TRENCH 1
0" - 6" GENERAL SCATTER (2 BAGS)

5 pieces of WASTE SLAG BAG 1 of 2

1 PIECE BLUE SHALE BAG 2 of 2

4 PIECES OF IRON ORE

TRENCH 1

0 - 6

2 O - 6

2 O - 6

2 O - 3"

3 O - 3"

1 12"

1 6"

1 O - 6"

1 O - 6"

1 O - 6"

1 O - 6"
Figure 2: Sketch Map of Check 16
Feature #1  North 65-70 / E: 160-165

Gravestone markers: Headstone #20  Footstone #21

First appearance of grave: 8' below surface

First appearance of coffin: 2.5' below surface

Dimensions of coffin: 1.4' x indeterminate E-W

Depth of top of cranium: 2.5' below surface

Depth of top of pelvis: pelvis not located

Depth of lowest point: 2.5' below surface located lower limb area

Age, sex and condition: The burial was that of an infant whose bones were in a very bad condition of preservation. No lower limb or pelvic bones could be identified with any certainty. The upper limb, cranial, vertebral and ribs were present. Sex could not be determined.

Artifacts: 22 machine cut, machine head - L headed nails (20 treated, 2 not treated)
1 hand, wrought, rose headed nail (not treated)
6 shroud pins, cuprous (whole and fragments)
1 fibre sample
1 soil sample
Date Range: 1830+

Discussion: Feature 1 and 2 were buried in obvious relation to Feature 3, but they are 5 years later in date. The family relationship among these 3 graves, assuming there is one, can only be surmised. Coffin shape of Feature 1 and 2 could not be determined.
Feature #2: North 60-65 / East 160-165

Grave stone markers: Headstone #17
Footstone "unnumbered stone"

First appearance of grave: .9' below surface

First appearance of coffin: not observed

Dimensions of coffin: indeterminate

Dimensions of burial: 1.5' N-S x 1.6 E-W

Depth of top of cranium: 2.8' below surface

Depth of top of pelvis: 3.0' below surface

Depth of lowest point: 3.0' below surface, located pelvis area

Age, sex and condition: The burial was that of an infant whose sex could not be determined. The bones were in very poor condition. The cranium, vertebrae, ribs and lower limb bones were more or less present. The upper long bones were missing.

Artifacts: 7 machine cut, headless nails (6 treated, 1 not treated)
6 machine cut, machine head - L headed nails (5 treated, 1 not treated)
3 machine cut, machine head - T headed nails (2 treated, 1 not treated)
2 machine cut (head?) - treated
3 copper shawood pins
1 fiber sample with pin
1 soil sample from under the center of burial, just below pelvic region.
Date range: 1830 +

Discussion: see Feature 1
Feature #3: North 60-70 / East 155-170

Grave markers: "none"
Footstone: "none"

First appearance of grave: 9' below surface
First appearance of coffin: 2.35' below surface

Dimensions of coffin: 5.9' N-S x 2.2' E-W

Dimensions of burial: 5.5' N-S x 2.1' E-W

Depth of top of cranium: 3.72' below surface
Depth of top of pelvis: 4.1' below surface
Depth of lowest point: 4.25' below surface (located, between petellae)

Age, sex and condition: The burial was that of a young adult female in her early 20's. The bones were in excellent condition after some exposure to the air.

Artifacts: 9 hand wrought - T-headed nails (6 treated, 3 not treated)
35 hand wrought - rose headed nails (28 treated + not treated)
1 prehistoric potsherd
1 rhyolite biface
1 rhyolite flake
2 quartz flakes
1 fibre sample w/cuprous pin
3 soil samples (caudal, thoracic, pelvic)
Date Range: 1790 - 1800

Discussion: The coffin, of shouldered pinch-toe form, apparently caulked in on both sides and the skeleton sunk below the level of the bottom of the coffin. Fibre fragments were found on the skull only. Two probably prehistoric pits which were apparently intruded into by Feature 3, were found after removal of burial. The outline of burial pit suggests the use of a rope, held on either side of the grave, to lower the coffin into the grave pit. For relationships with Features 1 and 2, see discussion of Feature 1.
Feature 4: North 60-70/ East 115-125

Gravestone markers: Headstone # 78
Footstone # 77

First appearance of grave: 1.5' below surface
First appearance of coffin: 3.4' below surface

Dimensions of coffin: 5.9' N-S x 1.6' E-W
Dimensions of burial: 5.8' N-S x 1.5' E-W

Depth of top of cranium: 3.7' below surface
Depth of top of pelvis: 4.08' below surface
Depth of lowest point: 4.15' below surface
Located: between patellae

Age, sex and condition: This burial was that of an adult male. His bones were in poor condition with a lot of root disturbance and a rock which sat over the mandible and maxilla. The sternum was missing.

Artifacts: 41 machine cut, hand headed nails
(35 treated, 6 not treated)
3 machine cut shouldered nails
1 charcoal sample
3 soil samples (cranial, thoracic, pelvic)

Date Range: 1790-1810

Discussion: There was no evidence of clothing or shroud in this burial. Coffin form undetermined.
Feature #5: North 60-70 / East 105-115

Gravestone markers: Headstone #90
Footstone, unnumbered stone

First appearance of grave: 2.2' below surface

First appearance of coffin: 4.05' below surface

Dimensions of coffin: 3.9' N-S x .9' E-W

Dimensions of burial: indeterminate

Depth of top of cranium: 4.05' below surface

Depth of top of pelvis: no pelvis

Depth of lowest point: 4.35' below surface
Located: 2' S.E. of maxilla

Age, sex and condition: This is a burial of a child 1-4 yrs of age, sex indeterminate. The bones were in very poor condition, only the cranium, maxillary and a few scattered fragments of long bones were present.
Artifacts: 29 hand wrought, rose headed nails (25 treated, 3 not treated)
Fibre sample (shroud) with cuprous pin (not in catalogue)

Discussion: It was theorized that grave diggers, in disturbing a prior burial, might reinter the disturbed fragments in a new coffin. This might explain the remains found in Feature 5. However, note Feature 25; perhaps this is simply a case of differential preservation. Note grave pit outline, as with Feature 3, suggests use of a rope to lower coffin. Coffin was apparently of straight-sided pinch toe form.
Feature #6, North 55.60 / East 115.125

Gravestone markers: Headstone #74
Footstone #70

First appearance of grave: 1.3' below surface

First appearance of coffin: 3.85' below surface

Dimensions of coffin: 6.0' N-S x 1.9' E-W (est. of coffin depth: 5')

Dimensions of burial: 5.75' N-S x 1.6' E-W

Depth of top of cranium: 4.1' below surface

Depth of top of pelvis: 4.15' below surface

Depth of lowest point: 4.3' below surface located between knees

Age, sex and condition: The burial was that of an adult male. The sternum was missing, and the bones were in poor to fair condition. Coffin nails were noted throughout the body area as if small slats or similar coffin construction was used.
Artifacts: 1 hand wrought - L-headed nail (treated)
12 hand wrought - rose headed nails (treated)
12 machine cut - hand headed nails (treated)
13 unknown nails - hand headed (10 treated, 3 not treated)
1 machine cut, machine head (possibly early stamped head)
1 machine cut, damaged head.
9 buttons (brass, varying sizes, all plain flat front/ring eye back; ref Hope 1970, P. 91 Types 7, 8, 9)
1 sample of fibre with button under skull (button included in above 9)
3 soil samples (cranial/thoracic/pulvic)

Date Range: 1790 - 1830

Discussion: Coffin foam could not be determined. The coffin was made with both cut and rose head nails; see Feat. 10 for contamination or hypothesis of flat construction of coffin. The individual was buried in clothing, including a cocked hat (note buttons in cranial area). Unfortunately, most of the buttons were found in disturbed soil after removal of the skeleton, so it is difficult to say much more about the nature of the clothing they represent.
Discussion for Feature 6 cont.:

For example, the 2 buttons found near the right wrist might have been cuff buttons, trouser buttons, vest or coat buttons, or served some other purpose. Features 7 and 8 were exposed at 4 feet and 7 feet south of Feature 6 respectively and on parallel alignment with Feature 6.
Feature #7: North 45-55 / East 115-125

Gravestone markers: Headstone #72
Footstone "none"

First appearance of grave 2.1' below surface

First appearance of coffin 4.1' below surface

Dimensions of coffin 6.2' N-S x 2.1' E-W

Dimensions of burial 5.5' N-S x 1.6' E-W

Depth of top of cranium 4.3' below surface

Depth of top of pelvis 4.6' below surface

Depth of lowest point 4.9' below surface

Located: base of pelvis

Age, sex and condition: This was a burial of an elderly female with all bones present

Artifacts: 41 hand wrought - 6 headed nails (35 treated, 6 not treated)
6 machine cut, hand headed nails (treated)
2 probable hand wrought but possible cut nails - hand headed (not treated)
3 soil samples (cranial, thoracic, pelvic)

Date range: 1790-1820

Discussion: Coffin form was not determined. There were no signs of clothing or shroud noted except for a round terrous stain, washer-like, just west of left shoulder. Features 7 and 8 were on a parallel East-west axis with only 7 feet between them.
Feature #8: North 45-50 / East 115-125

Gravestone markers: Headstone "none"
Footstone "none"

First appearance of grave: 2.1' below surface

First appearance of coffin: 4.1' below surface

Dimensions of coffin: 6.0' N-S x 1.6' E-W

Dimensions of burial: 5.6' N-S x 1.4' E-W

Depth of top of cranium: 4.4' below surface

Depth of top of pelvis: not taken

Depth of lowest point: 4.8' below surface

Located: between knees

Age, sex and condition: This burial was that of an adult male whose bones were in fairly good condition. The sternum and most of the maxillary teeth were missing. Bones of left hand were completely in situ from carpals through metacarpals.

Artifacts: 21 machine cut, machine headed nails (16 treated, 5 not treated)
3 machine cut, hand headed - 7 headed nails (treated)
10 machine cut, shouldered nails (treated)
1 machine cut, hand headed (treated)
1 nail probably wrought (not treated)
1 machine cut, early machine headed nail (treated)
4 buttons (1 brass, 2 white metal Flat Front, Ring eye bag, & Hone 1970 pair types 7, 8, 9)
3 soil samples (cranial, thoracic, pelvic)

date range: 1790-1820

Discussion: Coffin form was of undetermined pinch toe type. Buttons were found under right hand and under pelvis, in area of right hand, suggesting evidence of clothing. The dental area revealed severe periodontal disease, including loss of teeth and some mandibular resorption.

Note close proximity of Features 7 and 8, discussed under Feature 7.
Feature #9: North 55-60 / East 95-105

Gravestone marker: Headstone: none
Footstone: none

First appearance of grave: 1.8' below surface

First appearance of coffin: 4.0' below surface

Dimensions of coffin: 5.0' N-S x 1.3' E-W

Dimensions of burial: 4.85' N-S x 1.2' E-W

Depth of top of cranium: 4.1' below surface

Depth of top of pelvis: 4.4' below surface

Depth of lowest point: 4.6' below surface

Located: between knees

Age, sex and condition: This is a burial of a juvenile (12-16) female whose bones were in various states of preservation; the skull and some long bones were in reasonably good condition; the pelvis, ribs and other bones were in poor condition.
Artifacts: 36 hand wrought-rose headed nails
   (30 treated, 6 not treated)
   1 hand wrought-L-headed nails
     (treated)
1 bone fragment from grave fill above coffin level
1 seed
3 soil samples (cranial, thoracic, pelvic)
Date Range: 1790 - 1800

Discussion: Coffin was of shouldered pinch-toe form. There was no evidence
of clothing or shroud. Some of the teeth showed severe decay.
Feature #10: North 50-55 / East 95-105

Gravestone markers: Headstone: #95
Footstone: None

First appearance of graves: 1.8' below surface
First appearance of coffin: 4.0' below surface

Dimensions of coffin: 6.8' N-S x 2.25' E-W

Dimensions of burial: 5.9' N-S x 1.6' E-W

Depth of top of cranium: 4.4' below surface
Depth of top of pelvis: 4.6' below surface
Depth of lowest point: 4.9' below surface
Located: between ankles

Age, sex and condition: This burial was that of an adult male (late teens), with most of his bones present.

Artifacts: 21 machine cut, machine head-L headed nails (18 treated, 3 not treated)
4 screws, machine made, pointless (treated)
6. machine cut, machine head - modern square headed nails
2. machine cut, early machine head nails (treated)
3. machine cut, headless nails (treated)
7. unidentified cut nails - (not treated)
1. unidentified hand headed nails (not treated)
1. sample of wood with nail
7. buttons (bone, 1.6 cm diameter, flat, \(5\) holed)
1. of Hume 1970, P91. Not quite like types 1902-20)
1. ceramic fragment (Whitby)
3. soil samples (cranial, thoracic, pelvic)

Date range: \(\pm 1820\)

Discussion: The entire coffin lid was found in a fair state of preservation. It was constructed of wood, slate, laid at right angles to the long axis of the coffin. The coffin appears to have been of a straight-sided 'pinch-toe' shape. The entire coffin lid tilted generally southward. In addition, there was some collapsing inward over the pelvis. The buttons, congregated in the pelvic/wrist area, indicate clothing, but of undetermined kind.
Discussion of Feature 10 cont.

There was some slight erosion on the frontal region of the cranium, suggesting pathology.

Note proximity of Features 10 and 11 (.75' between them)
Feature #11: North 45-50 / East 95-105

Gravestone marker: Headstone: none
Footstone: none

First appearance of grave: 1.8' below surface
First appearance of coffin: 4.3' below surface

Dimensions of coffin: 6.85' N-S x 2.0' E-W
Dimensions of burial: 5.9' N-S x 1.4' E-W

Depth of top of cranium: 4.55' below surface
Depth of top of pelvis: 4.85' below surface
Depth of lowest point: 5.25' below surface
Located: Center of area, just East of Feature.

Age, sex, and condition: This burial was a young adult, probably female. The bones were in good to excellent condition.

Artifacts: 4 hand-wrought nails (treated)
35 machine cut, hand headed nails (28 treated, 7 not treated)
3 pins, cuprous
Date Range: 1790-1820

Discussion: The coffin was probably of shouldered pinch-toe form and was constructed of both hand wrought and machine cut nails. Three cuprous pins were found: one 1.2' west of cranium, one under mandible, and one just west of left ilium. The pins suggest burial in a shroud. Under cranium was found a shovel-mark made by a flat-bladed shovel with a 1.5' wide blade.

Evidences of pathology include include possible arthritis, lippping on patellae and proximal tibia. This individual also had an assortment of severe dental problems.

Note proximity of Features 10 and 11 (1.75' between them) + proximity of Features 11 and 13 (± 1.0 between them)
Feature #12: North 40-45 / East 95-105

Gravestone marker: Headstone: "unnumbered stone"
Footstone: "unnumbered stone"

First appearance of grave: 1.3' below surface
First appearance of coffin: 3.9' below surface

Dimensions of coffin: 3.4' N-S x 1.0' E-W
Dimensions of burial: 3.1' N-S x 0.95' E-W

Depth of top of cranium: 3.9' below surface
Depth of top of pelvis: 4.2' below surface
Depth of lowest point: 4.4' below surface
Located: between tibiae

Age, sex and condition: This was a burial of a child less than 6 yrs. old; the sex could not be determined. The bones are in a pretty good state of preservation considering the immaturity of the skeleton. The vertebrae, most of the ribs, and the right humerus appear as stains only...
Artifacts: 23 machine cut, machine headed nails
(13 washed, 10 not washed)
5 screws, pointless (washed)
1 shroud pin, cuprous
3 soil samples (cranial, thoracic, pelvic)

Date Range: 1830-1843

Discussion: The coffin outline in this burial was very distinct. It was of shoulder and pinch toe form. The coffin nails were tiny, like finishing nails. Of the traces of cuprous shroud pins that were seen, the only one retrievable came from on top of the cranium.

Note proximity to Feature 13 (0.75' between them)
Feature #13: North 45.50 / East 95.105

Grave stone marker: None
Foot stone: None

First appearance of grave: 1.3' below surface
First appearance of coffin: 4.2' below surface

Dimensions of coffin N-S indeterminate at East end x 1.8' E-W
Dimensions of burial 4.8' N-S x 1.3' E-W

Depth of top of cranium: 4.15' below surface
Depth of top of pelvis: 4.6' below surface
Depth of lowest point: 5.0' below surface
Located East of feet

Age, sex and condition: This was the burial of a juvenile (±12) female, whose bones were in good to excellent condition. The state of preservation of the facial bones was noteworthy.

Artifacts: 49 machine cut, machine head - L headed nails (45 treated, 4 not treated)
2 machine cut, hand headed nails
3 screws - round headed, pointless
2 buttons - (shell, 1.0 cm diameter) flat, 4 hole; Hume 1970, P. 91, type 2.2
1 slag fragment

3 soil samples (cranial, thoracic, pelvic)

Date Range: 1790 - 1820

Discussion: Part of Feature 13's north edge destroyed during excavation of Feature 11. The visible coffin outlines suggest a coffin of shouldered pinch form. The two buttons found in the waist/pelvis region indicate clothing, of undetermined kind. Note proximity of Feature 13 to Features 11 and 12; cited under discussion of Features 11 and 12.
Feature 14: North 55-65 / East 135-145

Gravestone markers: Headstone # 50
                Footstone # 46

First appearance of grave 18" below surface

First appearance of coffin 4.3' below surface

Dimensions of coffin 5.6' W-S V 2.0' E-W

Dimensions of burial 4.9' W-S V 1.5' E-W

Depth of top of cranium 4.3' below surface

Depth of top of pelvis 4.4' below surface

Depth of lowest point 4.46' below surface

Located: anterior of left femur

Age, sex and condition:
The burial was an adult male, whose bones were in very poor condition. Most of the bones were disintegrated. Virtually all that survived were the lower limb bones, some upper limb bones and the cranium. There was much root disturbance and rodent disturbance, the worst of it on the south side of
the burial.

Artifacts: 28 machine cut, machine head nails (20 washed; 8 not washed)
2 screws, pointless
Soil and wood samples
1 clean glass 20th century, screw top, embossed bottle
1 bag of rodent skull fragments
Date range: 1820 - 1843

Discussion: The intrusive rodent hole on the south side of the burial was the provenience of the 20th century glass jar and the rodent skull fragments. The cottoin outline suggests a shouldered pinch toe form. There was no evidence of clothing or shroud. Traces of pathology included dental problems. Note alignment of this grave is not quite in keeping with the pattern of the alignments of the other graves; it lies on an axis somewhat inclined toward the SW-NE.
Feature #15: North 60-65 / East 95-105

Grave stone markers: Headstone #71
Footstone "none"

First appearance of grave: 2.1' below surface

First appearance of coffin: 5.1' below surface

Dimensions of coffin 5.8' W-S x 1.7' E-W

Dimensions of burial 5.5' W-S x 1.6' E-W

Depth of top of cranium 5.6' below surface

Depth of top of pelvis 6.0' below surface

Depth of lowest point 6.25' below surface located between femurs

Age, sex and condition: This was a burial of a male in late teens, whose bones are in poor condition. The ribs, some vertebrae, all bones of hands, pelvis, and some bones of feet were represented as masses of rootlets and bone dust only.
Artifacts: 51 hand wrought, rose headed nails
     (40 washed, 11 not washed)
     7 hand wrought, T-shaped nails
     (6 washed, 1 not washed)
     1 sample of wood fragments from top
     of coffin
     1 sample of seeds
     4 soil samples (1 cranial, 1 thoracic,
     1 pelvic, 1 from area with seeds over tibial
     area of coffin)

     Date range: 1740-1800

Discussion: The rhyolite flake was found
in the fill above the coffin, 4.2'
below surface. The coffin was apparently
of shoulered pinched-toe form. Over the
coffin lid in the eastern half of the
burial was a patch of seeds 1 foot N-S
by 12 feet E-W, as if representing a
funeral wreath. Similar seeds were seen
lying on the nails of the bottom of
the coffin, near the right occipital
region.

There was no evidence of shroud or
Clothing. This was the deepest burial
excavated in the 1979 season.
The lower limb bones were notably large and massive. (cf. Features 18 and 22)

Note proximity of Features 15, 16, 17, 19, and 20 (Features 15 and 19 have barely .2 feet separating them.)
Feature #16: North 60-65 / East 85-95

Gravestone markers: none (an unnumbered stone found 2.3' below surface and 16' east of east edge of grave pit is probably unassociated)

First appearance of grave 1.25' below surface

First appearance of coffin 3.3' below surface

Dimensions of coffin indeterminate
Dimensions of grave pit 3.7' N-S x 2.1' E-W
Dimensions of burial 3.2' N-S x 1.3' E-W (approx)

Depth of top of cranium 4.3' below surface

Depth of top of pelvis indeterminate

Depth of lowest point 4.95' below surface located approx. area left tibia

Age, sex and condition: This was a burial of a child, age and sex indeterminate, whose bones were in very poor condition. Feature 16 was disturbed all throughout probably by rodent activity. (seeds and a peach pit were found in general area of skull) Only a
Few long bone and cranial fragments could be retrieved:

- Artifacts: 39 hand wrought, rose headed nails
  (30 treated, 9 not treated)
- 5 hand wrought, T headed nails (treated)
- 1 bag of wood samples
- 1 sample of plant remains (rodent disturbance)
- 3 soil samples (cranial, thoracic, pelvic)

Date range: 1790 - 1800

Discussion: Burial was in very poor condition. No evidence of clothing or shroud was seen. Wood fragments from the east end of the coffin were retrieved. Coffin shape could not be determined.

Note proximity of Features 15, 16, 17, 19 and 20
Feature #18: North 65° 70' / East 95° 105'

Gravestone markers: Headstone # 98
Footstone: none

First appearance of grave: 1.6' below surface
First appearance of coffin: 3.8' below surface

Dimensions of coffin: 6.0' N-S x 1.8' E-W

Dimensions of burial: 5.6' W-S x 1.5' E-W

Depth of top of cranium: 4.2' below surface
Depth of top of pelvis: 4.85' below surface

Depth of lowest point: 5.15' below surface
Located: between knees

Age, sex, and condition: This burial was that of an adult (5-20) female (?). The bones were in fair to poor condition.

Artifacts: 22 hand wrought, rose headed nails (18 treated, 4 not treated)
1 container, 2 shroud pins and fibre sample
3 soil samples (cranial, thoracic, pelvic)
Date range: 1790 - 1800

Discussion: Two shroud pins (one from top of cranium and one from left temporal region) and fibre samples suggest presence of shroud. Lower limb bones seemed unusually large (cf. feature 15 and 22).

The coffin seems to have been of shouldered pinch toe form.
Feature #19: North 60-70/East 90-100

Gravestone markers: Headstone: none
Footstone: none

First appearance of grave: 3.0' below surface
First appearance of coffin: 3.2' below surface
Dimensions of coffin: 3.7'W-5' X 1.0'E-W

Dimensions of burial: 2.7'W-5' X 1.6'E-W

Depth of top of cranium: 3.6' below surface
Depth of top of pelvis: 3.85' below surface
Depth of lowest point: 3.9' below surface

Located between femurs (Public symphysis region)

Age, sex, and condition: This is a burial of a child (± 3 years of age), sex indeterminate. The bones are in fair condition considering its immaturity, but its pedal bones are missing and the skull is crushed.
Artifacts: 43 machine cut, machine headed nails (32 washed, 11 not washed).

Date: Range 18-20?

Discussion: No evidence of clothing or shroud was found. Coffin outline indicates a coffin of straight sided, pinched toe form.

Note proximity of Features 15, 16, 17, 19 and 20. (Features 15 and 19 have barely 0.2' separating them).
Feature #20: North 55-60 / East 90-100

Gravestone markers: Headstone-unnumbered
Stone (unnumbered)
Footstone #95

First appearance of grave: 2.3' below surface

First appearance of coffin: 2.5' below surface

Dimensions of coffin: 2.2' W-S x 1.1' E-W

Dimensions of burial: indeterminate

Depth of top of cranium: 2.9' below surface

Depth of top of pelvis: indeterminate

Depth of lowest point: 2.85' below surface

Located: low point of cranium

Age, sex, and condition: This is a burial of a fetus (approximately 6 to 7 months). All that survived is some cranial fragments and some long bone fragments (i.e. one diaphysis end, probably proximal humerus,
Some fragments of left parietal and the outer margin of the left orbit. The sex cannot be determined.

Artifacts: 16 machine cut, machine headed nails (6 washed, 10 not washed)  
2 machine cut, hand headed nails  
(1 washed, 1 not washed)  
1 shroud pin, cuprous  
2 soil samples (cranial, post-cranial)

Date Range: 1790-1820

Discussion: The area of the skull was indicated by a dark organic stain, which was drawn. One cuprous pin found along the western edge of this stain, suggests the use of a shroud. Coffin shape could not be determined.

This and Feature 21 were the shallowest burials excavated in the 1979 season.

Note proximity of Features 15, 16, 17, 19 and 20, as well as proximity of Features 9 and 20. The east edge of Feature 20 was 5.5 feet from the west edge of Feature 9 and the north edge of Feature 20 was less than 1 foot south of the south edge of Feature 17.
Feature #21: North 55-65 / East 80-90

Gravestone markers: Headstone - none
Footstone - none

First appearance of grave: Feature 21 was discovered in profile when trench wall along N. 60 grid line between East 80 and East 90 was cleaned during exposure of Feature 17.

First appearance of coffin: 2.5' below surface

Dimensions of coffin: 2.7' N-S x indeterminate E-W

Dimensions of burial: indeterminate

Depth of top of cranium: 2.90' below surface (estimated)

Depth of top of pelvis: indeterminate

Depth of lowest point: 2.93' below surface

Located: Feature 21 at 3.15' below surface

Age, sex, and condition: This was a burial of an infant or fetus whose sex is indeterminate. There was nothing left of it except for a few fragments of cranial bone, a cranial area stain and some postcranial fragments.
Artifacts: 1 hand wrought, rose headed nail
1 soil sample (cranial)
1 sample of flower seeds from west of cranial area
Date Range: 1790-1800

Discussion: The burial was probably originally on a somewhat N-S axis, but was partially cut into by the excavation trench before its presence was discovered. There was a lot of root disturbance. A mass of rootlets in a dark organic stain indicated the cranial area. The cranial area was ringed with small clusters of seeds, each cluster 1 1/4" across, as if the infant had been buried with a coronet of a wreath of flowers. There was no evidence of clothing or shroud. Coffin shape could not be determined.

This and Feature 20 were the shallowest burials excavated in the 1979 season.
Feature #22: North 55-60 / East 80-90

Gravestone markers: Headstone none  
Footstone none

First appearance of grave: 3.25' below surface

First appearance of coffin: 3.8' below surface

Dimensions of coffin: 6.5' N-S x 1.6' E-W

Dimensions of burial: 5.6' N-S x 1.6' E-W

Depth of top of cranium: 3.85' below surface

Depth of top of pelvis: 4.0' below surface

Depth of lowest point: 4.3' below surface

Located between knees

Age, sex and condition: This burial was that of an adult male with massive bones. Of the foot bones, tarsals and meta tarsals were absent and only calcaneum and talus were present. The rest of the bones were there, but were intermingled with roots.
Artifacts: 28 hand wrought, rose headed nails (4 washed, 24 not washed)
1 hand wrought, T-headed nail (washed)
1 quartz scraper
4 soil samples (1 cranial, 1 thoracic, 1 pelvic and 1 pollen sample from toe of coffin)
1 seed sample from top of coffin, east end.

Date range: 1790 - 1800

Discussion: Coffin outline suggested a coffin of shouldered, pinch toe form. There was an area of seed concentration just above the top of the coffin in the NE corner of the Feature, of which a sample was taken. Note the robustness of this individual, especially of the lower limbs (cf Features 15 and 18).
Feature #13: North 70-75' E 95-105

Gravestone markers: Headstone: none
Footstone: none

First appearance of grave: 1.15' below surface
First appearance of coffin: 2.9' below surface

Dimensions of coffin: 5.7' N-S x 1.5' E-W
Dimensions of burial: 5.35' N-S x 1.1' E-W

Depth of top of cranium: 4.2' below surface
Depth of top of pelvis: 4.5' below surface

Depth of lowest point: 4.7' below surface
Located between knees

Age, sex, and condition: This was a burial of an adult female whose bones were in poor condition. Most of the vertebrae and ribs were missing, also most hand and foot bones. Some other bones were present only as masses of rootlets; the facial area was a mass of rootlets, with only the teeth remaining.
The long bones were fragmentary.

Artifacts: 30 hand wrought, rose headed nails (6 washed, 24 not washed)

3 soil samples (cranial, thoracic, pelvic)

Date Range: 1790-1800

Discussion:

No evidence was found of clothing or shroud. The coffin shape was uncertain, but may have been of rectangular form. If this is so, Feature 23 was the only feature of the 1979 season for which coffin shape could be determined. Of which the coffin was not of the shoulderred or straight sided pinch-toe type.
Feature #24: North 65-70 / East 105-115

Gravestone markers: Headstone: none
Footstone: none

First appearance of grave: ± 1.3' below surface
First appearance of coffin: ± 3.5' below surface

Dimensions of coffin: 5.1' W x 1.65' E-W

Dimensions of burial: 4.3' W x 1.0' E-W

Depth of top of cranium: 4.1' below surface

Depth of top of pelvis: 4.65' below surface

Depth of lowest point: 4.69' below surface
located between ankles

Age, sex and condition: This is a burial of a juvenile (teenage), probably female. The bones are in pretty good condition but with the metatarsals, phalanges and bones of right hand missing.

Artifacts: 14 handwrought, rose headed nails
(3 washed, 11 not washed)
3 soil samples (cranial, thoracic, pelvic)
Date range: 1790 - 1800

Discussion: There was no evidence of clothing or shroud. Coffin shape was undetermined.
Feature #25: North 55-65 / East 105-115

Gravestone markers: Headstone: none
Footstone: none

First appearance of grave: 2.5' below surface

First appearance of coffin: 4.0' below surface

Dimensions of coffin (grave pit): 3.6' x 5' x 1.5'

Dimensions of burial: indeterminate

Depth of top of cranium: indeterminate

Depth of top of pelvis: indeterminate

Depth of lowest point: indeterminate

Located:

Age, sex and condition: This was a burial of a child, probably, on the basis of the size of the coffin. All bones were absent except for one tiny fragment, probably, of the cranial vault.

Artifacts: 17 hand wrought, rose headed nails
(8 washed, 9 not washed)
A wood sample

Date Range: 1790 - 1800

Discussion: This grave was virtually empty, but as there is no indication of any other explanation, one can only assume that the absence of the skeleton is due to lack of preservation conditions.

The coffin appears to have been of shouldered pinch toe form. There was no evidence of clothing or shroud.
Feature 26: North 45-50/ East 80-90

Gravestone markers: Headstone: none
Footstone: none

First appearance of grave: 4' 20" below surface

First appearance of coffin: Undetermined

Dimensions of coffin: Indeterminate due to tree roots N-S x 1.7' E-W

Dimensions of burial: 5.77' N-S x 1.45' E-W

Depth of top of cranium: 4.3' below surface

Depth of top of pelvis: 4.6' below surface

Depth of lowest point 4.75' below surface
Located between tibiae

Age, Sex and condition: This was a burial of an elderly male. The condition of the bones was fair; most of the bones of the right hand were absent. The metatarsals and phalanges were under tree roots and were removed, even though they could not be drawn or photographed.
Artifacts: 31 machine cut, hand headed nails
(6 washed, 25 not washed)
1 peach pit
3 soil samples (cranial, thoracic, pelvic)

Date range: 1790 - 1810

Discussion: The tree roots obscured the east end of the coffin, but the entire skeleton was excavated. The coffin shape was undeterminable. There was no evidence of clothing or shroud.
Figure 4b: 18 FR 323 Catoctin Check 6 - 1979
Extent of Excavations (east half)
Figure 4a: 18 PR 323 Catoctin Check 6 - 1979
Extent of Excavations (west half)