

APALACHICOLA VALLEY ARCHAEOLOGY

Volumes 1 and 2

SUPPORTING DATA

on USF Digital Commons website

The tables of data, maps, and explanatory sections presented here support the archaeological interpretations in the two volumes of *Apalachicola Valley Archaeology*, which is published by the University of Alabama Press in 2024. These detailed data were too lengthy to include in the books, but are crucial for understanding the archaeological conclusions and, I hope, useful for further archaeological work in the **research region of the Apalachicola-Lower Chattahoochee valley of northwest Florida, southeast Alabama, and southwest Georgia**. Tables are numbered according to corresponding book volume and chapter; those in the first group, as well as the appendices, pertain to both volumes. I hope readers will let me know of any questions, corrections, additional research and updates in the region.

--Nancy Marie White, 7-2023

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ABBREVIATIONS

Agencies and Institutions

AL	Alabama
ANERR	Apalachicola National Estuarine Research Reserve (Eastpoint, FL)
BAR	Florida Bureau of Archaeological Research (within the DHR, Dept. of State)
CMNH	Cleveland Museum of Natural History
CWRU	Case Western Reserve University, Cleveland
DEP	Department of Environmental Protection (Florida)
DHR	Division of Historical Resources, Florida Dept. of State, Tallahassee
FDOT	Florida Department of Transportation
FL	Florida
FLMNH	Florida Museum of Natural History, Gainesville
FSU	Florida State University, Tallahassee
FWC	Florida Fish and Wildlife Conservation Commission
GA	Georgia
NOAA	National Oceanic and Atmospheric Administration, US Dept. of Commerce
NMAI	National Museum of the American Indian (in Smithsonian Institution, Washington, DC)
SJBSBP	St. Joseph Bay State Buffer Preserve (affectionately called “the Buffer”)
USDA	United States Department of Agriculture
UGA	University of Georgia

USACOE	US Army Corps of Engineers (Mobile District)
USF	University of South Florida, Tampa
USFS	United States Forest Service
UWF	University of West Florida, Pensacola

Archaeological and Other Scientific and Geographic Terms

#	catalog number
2ndary	secondary (chert flake from later stage of manufacture, no cortex)
abo	aboriginal or indigenous peoples, Native Americans
AD*	Anno domini (years after Christ or within the common era – dates we use today)
Amer	American
Ap	Apalachicola River
Arch	Archaic period
BC*	before Christ (before the common era)
BP	before the present (= before 1950 due to radiation/radiocarbon dating issues)
br	brushed pottery
c-st	complicated-stamped (complex pattern stamped into clay with carved paddle)
Ca	Calhoun County, FL
cal	calibrated radiocarbon date, most accurate as a range (calibrated with dendrochronology curve)
Carr	Carabelle Incised or Carrabelle Punctate ceramics, Middle through Late Woodland
cat	catalog [number]
cen	century
cer	ceramics
ch-st	check-stamped
char	charcoal; charred organic material
Chatt	Chattahoochee River
Chip	Chipola River
cobmk	corncob-marked ceramics
cordmk	cordmarked ceramics
comm	communication (call, email, or letter)
cr	creek
Crk	Creek Indian
decort	chert decortication flake, primary (>½ exterior=cortex) or 2ndary (<½ cortex)
Dept	Deptford ceramic types
Dr	Decatur County, GA
E	east
EArch	Early Archaic period
Er	Early County, GA
Eur	European
EWd	Early Woodland period
eWI	early Weeden Island-series ceramics
F	archaeological feature
f-t	fiber-tempered ceramics
fabmk	fabric-marked ceramics
Fr	Franklin County, Florida
frag	fragment

FW	Fort Walton period
Gd	Gadsden County, FL
GIS	geographic information system(s) – layers of maps showing locations of geographical, archaeological, geological, or other features
GPS	global positioning system – hand-held or larger device to get from satellite data the exact location coordinates for any place on earth (may not work in heavy forest cover)
Gu	Gulf County, FL
He	Henry County, AL
hist	historic period
Ho	Houston County, AL
inc	incised (lines cut into wet clay with some kind of tool)
indet	indeterminate
Ja	Jackson County, FL
Keith	Keith Incised ceramics, Middle through Late Woodland
L	Level (in an excavation unit)
Lam	Lamar period (or pottery type)
LArch	Late Archaic period
Ldg	Landing (old steamboat stop, geographical name, often part of archaeological site name)
I	Island
lg	large
Li	Liberty County, FL
LJ	Lake Jackson (ceramic type name)
lst	limestone
LWd	Late Woodland period
MArch	Middle Archaic period
md	mound
mid	midden
Miss	Mississippi period or Mississippian
mk	marked (as in cordmarked = cordmk; fabmk = fabric-marked; ceramic surface treatment)
MWd	Middle Woodland period
N	north
Ocm F	Ocmulgee Fields Incised or other pottery type
Paleo	Paleo-Indian period
pers	(pers comm) personal communication
pl	plain (ceramics with plain surface)
poss	possible
precer	preceramic
prob	probably
protoh	protohistoric period
pt	point, projectile point
punc	punctated (tiny indentations punched into wet clay surface with a pointed tool or fingernail)
pXRF	portable X-ray fluorescence
R	river
S	south
s-st	simple-stamped (ceramics with simple straight lines stamped into wet clay surface)
Se	Seminole County, GA
Sem	Seminole Indian
shl	shell

skel	skeleton
sm	small
SwCr	Swift Creek (ceramic type/series)
-st	stamped
ST	shovel test, usually 50 cm square
-t	tempered (materials added to clay to make pottery; aplastic)
trib	tributary stream
TU	test unit, at least 1 m square
unident	unidentified/unidentifiable
vert	vertebra/ae
W	west
WI	Weeden Island (ceramic type/series names)
yr	year

*though BCE and ACE, before and after the “common era,” are preferable to avoid religious implications, most texts still use the older terms, so they are retained here.

DETAILS OF ARCHAEOLOGICAL METHODS

Presented here are the standard methods for my research in the region. Funding being what it is, most techniques were based on dirt-cheap or free/recycled materials and services: volunteer labor; donated old film canisters, plastic newspaper bags, contact lens vials, dental picks, and baby-food jars; sharpened wooden chopsticks or pieces of river cane for fine digging; donated housing for field crews; loaned vehicles. This frugality allowed better use of meager funds for radiocarbon dating or other analyses. Updating and scanning records and rebagging/reboxing materials to meet government standards has only just begun, but these basic methods detailed below have been consistent. Photography on all projects was at first done with both black-and-white film and color slide film, then by 2003 with a digital camera. Since 1993 all projects were videotaped (8 mm film, then digital).

FIELD SURVEY is always done with paper **maps**, now augmented by GPS, aerial photography, Google-Earth and other imagery. The original 1950s USGS 7.5 minute quadrangle maps were used in the lower Chattahoochee valley. When free online aerial photos became available in the 1990s (such as on the “Terraserve” website), much of the research region was blank, not covered because too few people lived there. Similarly, the USDA official soil surveys of each county were often either old or nonexistent; now they are updated and online.

Paper maps stored in the USF archaeology lab have site locations indicated and cross-hatching where we surveyed and found nothing. By 2003, we finally got a hand-held GPS implement to get exact locational coordinates; now everyone’s phone can do this – if a signal exists (not always possible in this region). **Survey strategy** has been to target gaps on the maps where no sites are known, especially on relatively high ground near water. Thus surface survey of open areas such as plowed fields, dirt roads, firebreaks, gopher-turtle burrows, borrow pits,

exposed riverbank faces and bay shorelines has been combined with judgementally-placed shovel-testing in vegetated areas and with recording sites shared by others. Since looking only in high-probability areas is biased, I have carefully searched less likely places as well. Upon occasion I have also surveyed transects across an entire project area, such as a straight 29 km across Lake Seminole (White 1981:122-124); but targeting differential-probability areas for investigation is more efficient for finding sites than moving in long straight lines.

Shovel tests are always dug with square shovels and measure 50 cm square and a meter deep unless prevented by shallower hardpan or the water table or roots too thick to chop. A meter is about the deepest an average archaeologist can get in a 50 cm unit, because of physics. We also use a quick-connect 4" (10-cm) bucket-auger **coring** tool that can reach 5-meter depths in sands (though it cannot penetrate clay or shell midden). This corer can go deeper in shovel tests, even below the water table into the muck. Soils from shovel tests and cores have always been screened through quarter-inch mesh except on the lower Chattahoochee in the late 1970s, when carrying a screen over many km per day was difficult and not required; careful troweling allowed equally good recovery of cultural materials, which were easy to spot by the contrast in color and the clink on the trowel (except for possibly tiny bifacial thinning flakes). Shovel tests have usually been placed judgementally on the highest ground or off to the side of a dirt road or plowed field where surface artifacts were present. Deep testing is needed in this region. On the heavily alluviated riverbanks and old channels, an average of .5 to 2 meters of recent flood sands overlies even late prehistoric sites, because the great deforestation since the nineteenth century for Euro-American agriculture has meant far greater soil runoff during annual flooding.

EXCAVATION is always done with square shovels, ¼" dry screens (or 1/8" or smaller if waterscreening), pointed and square Marshalltown trowels, other small hand tools, a multitude of forms, and 1-meter square units or larger. Though I was trained in use of at least five types of heavy earth-moving equipment for removing plow zones or viewing deep stratification, I have not used any for the research excavations described here. Soil colors are identified with a Munsell color chart (I test all fieldworkers for color-blindness). Digging has usually been in 10-cm arbitrary levels as natural or cultural stratigraphy is often not visible in the dark forest. In shell middens 15-cm levels are easier because it is so hard to keep a level floor with a matrix of large shells. Sometimes natural or cultural strata are visible and excavation was done according to their boundaries, or in arbitrary subdivisions of them. At a few sites in selected units, even better control has been maintained with 5-cm levels. In all cases, the arbitrary levels are tied into the actual strata as recognized in unit walls.

Waterscreening is preferred because recovery is much better for tiny things (and squirting feels good during the hot summer). We bought a good 3-hp Honda pump that has lasted decades; with lengthy hoses it can be connected to the nearest water source to feed into a waterscreening station reachable by wheelbarrows (or close enough to units to require only buckets for transporting soil). Deep in the lower valley wetlands we simply dug a big deep sump hole to get enough mostly clean water for screening, though in 1987 it resulted in not only sulfurous swamp liquid but also the occasional fish pumped into the screen. By contrast, when

digging on the St. Joseph Bay shore, there was never a water shortage, but the bay is so salty that we had to haul in an entire 10-gallon cooler of fresh water just to suck into the pump to rinse it at the end of each day so it would not salt up and rust from bay water.

Placement of test units has usually been judgemental. At disturbed sites units were set in places thought to be less damaged and able to produce intact deposits. Unfortunately this is sometimes under a big tree and thus requires roots to be hacked out, though we are careful not to kill trees. We also choose the highest ground to dig, assuming that in such a wet region past people would want to keep feet dry. **Soil samples** are taken from all excavation units for several purposes. Zooarchaeologist Elizabeth Wing (of the FLMNH) advised in the 1980s that representative faunal samples from shell middens need a sample from a 10-cm level of 30 cm by 30 cm by 10 cm deep (9 liters). This has been our standard for flotation samples, whether in shell middens or not. The sample is removed from the southwest quadrant of the unit by shovel or chunked by trowel into the measuring device (a plastic pitcher) and then into a labeled bag. Ethnobotanist Betsy Sheldon recommended the chunking because it is less damaging to fragile floral remains than scraping thin layers with a trowel. Once, cloth feed bags were used for soil samples but, as those became scarce, then woven plastic ones (which disintegrate) and then 4-ml plastic trash compactor bags. Many archaeologists sample shell midden units by taking column samples, hacking them out of the unit walls. But this destroys the adjacent potential unit and is no more accurate than doing it from the level/stratum being dug. One additional one-liter soil sample is taken, from that same southwest corner area, for permanent storage and future study. However, for sites on state lands, the BAR collections will not accept soil samples (for reasons of space) so some of those have had to be discarded (usually as fill dirt in my yard in Pasco County) or narrowed down to 100 g samples.

Standard bagging and labeling of all artifacts and ecofacts (bones, shells, things used but not modified by people) and samples of other items (such as natural-looking pebbles) include keeping a field catalog, with provenience numbers simply being the site number, last 2 numbers of the year, and then numerals in order of recovery. This becomes the official catalog when put into an electronic file. Sites have been mapped using USF's mechanical transit that probably dates to the 1960s; rarely we have had access to an electronic total station. Early site maps were made by hand with calculator and protractor. No geophysical prospection such as ground-penetrating radar has been done, mostly for lack of funds and expertise, but also because at most sites, the terrain has not been accessible enough (translation: flat with no trees) to bring in such equipment.

LABORATORY PROCESSING AND ANALYSIS has been mostly standard, sometimes begun in the field, especially if we have facilities to do flotation, and can avoid carrying heavy bags of soil back to the university. Back in the lab, all materials are cleaned, classified, weighed, tabulated, conserved if necessary, and when possible, stored in 4-mil plastic bags and new boxes (as opposed to those liquor-store free ones). However this work takes many years, given the volumes of materials, available labor, and costs of curation supplies. Cleaning artifacts is done with tubs of water and old toothbrushes, but more delicate things (bone, shell, ceramic sherd surfaces but not broken edges) are cleaned just by gentle rubbing with fingers in the water.

Artifacts with residues or fragile bones are either not washed or gently rinsed in standing water, in the hopes of later analysis. All materials are kept separate and numbered by provenience, though given the huge volumes of materials, some do get lost or mixed up, as with any collections repositories.

Artifact classification is done according to the standard typologies for the region. Projectile point guides used are those of Alabama (Cambron and Hulse 1964; Johnson 2017), Florida (Bullen 1975a), and Georgia (Whatley 2002). Lithic debitage is classified based on simple morphology (Odell 2004; White et al. 1963) though such categorizations are less than adequate (Carr et al. 2012). Ceramic typologies used are those by Willey (1949) and Williams and Thompson (1999), with a couple individual types in other sources, namely Cool Branch Incised (Sears 1967) and Chattahoochee Brushed (Bullen 1950). The type definitions combine published, established criteria with the actual practice of what archaeologists in the region have been doing, and are clarified in the online **sorting guide (Appendix B)**. “Lumping” is better than “splitting” in artifact typology. The “type-variety” system used elsewhere in the South divides ambiguous yet established types into even more classifications based on overlapping attributes; it seldom works with sherds (as opposed to whole pots), which is what most archaeologists get! Future work seeking to isolate sub-types or varieties should involve detailed elemental study of pastes and clays, residue analysis, use-wear studies, as well as examination of intricacies of design and morphological attributes. Newer technology permits results that can contradict traditional assessments. A good example is the 3-D scan of the Fort Walton jar (Figure 2.15 in Volume 2) in which fabric impressions are visible, though they are hardly discernible with the naked eye. Fabric-marked is not a type usually associated with late prehistoric Fort Walton times.

For most ceramics that do not clearly fall into recognizable types, generic names are used so as not to confuse the already complicated typologies. Recognizing some types from plain sherds is impossible unless they are vessel rims with distinctive treatment. **Ceramic tempers** are not diagnostic of time period, other than fiber (Late Archaic) and shell (late prehistoric Mississippi period, and rare). Sand, grit (crushed quartzite), and grog (hardened or fired clay smashed – in a fit of temper?) were used from Early Woodland through historic Native American times in the region. Determining proportions of different ceramic tempers in assemblages of different time periods is important. Some pXRF work has shown trace elements that suggest most of the region’s prehistoric ceramics were made locally.

The 9-liter soil samples are processed through **flotation** in a traditional barrel-type machine made of a 50-gallon metal drum with a hose stuck through the lower side connected to a showerhead centered in the bottom. I have avoided the mass-manufactured, mostly plastic, less durable machines sold by archaeology supply companies. The metal barrel devices are a newer one made by Rich Estabrook and an older one probably made by Ray Williams in the 1970s. The soil is poured slowly into the bucket inserted into the barrel. The bottom of the bucket is larger screen (A) and under that is smaller screen (B), while the spout on the bucket allows water and floating light-fraction remains to flow out into the smallest screen (C), which is positioned below the spout. Extremely clayey soils that will not go through the screen are first

soaked in water with a deflocculant (Calgon, a laundry water softener). Sometimes this works but other times it leaves chunks of hard soils to bash through (gently) after the recovered remains are dried. Graduated screen sizes are as follows:

A-fraction=¼" (63 mm) mesh;

B-fraction=.034" (8.6 mm; geological screen #20);

C-fraction=.0116" (2.9 mm; geological screen #50).

Each bag of soil is floated in 1-liter portions for 5 minutes each, with all materials recovered rinsed into squares of sheer nylon and hung up with clothespins to dry, with a piece of color-coded flagging attached and labeled with the provenience. After drying, materials are combined back into complete A-, B-, and C-fractions and bagged until they can be sorted under magnification. After sorting, they are put into containers by type – charcoal, seeds, chert flakes, ceramic crumbs, bone or shell bits – and added to the site materials inventory. Sorting can take a long while, and we must determine when the point of diminishing returns is reached. If not enough tiny bits of charcoal were sorted out of the pile, more could be obtained later since the “remains after sorting” are also saved for each provenience. The recovered floral and faunal remains are identified as far as possible using published guides (e.g., Martin and Barkley 1961) and our small type collection of sample species. Some samples from strategic proveniences are sent for identification by experts when possible, but they are tiny proportions of what was recovered.

Apalachicola Valley Archaeology VOLUMES 1 AND 2 TABLES

Table I. Chronology of the author's fieldwork in the Apalachicola-lower Chattahoochee Valley region.

<i>Year, Institution</i>	<i>Research/Sites</i>	<i>Support</i>	<i>References</i>
1973, CWRU	Cayson (8Ca3), FW mound center test excavation		Brose et al. 1976
1974, CWRU, CMNH	Coe's Landing (8Ja137) FW village & Sassafrass (8Gd12) Late Archaic camp, highway salvage; Chattahoochee Landing mounds (8Gd4) Wd, FW center, tests	FDOT	Brose 1980; Scarry 1975; White 2011a
1975, CWRU, CMNH	Curlee (8Ja7) FW village salvage excavation		Brose et al. 1976; White 1982
1978-79, CMNH	Lake Seminole survey; Jackson County, FL and Seminole, Decatur Counties, GA; Curlee (8Ja7) FW village testing	USACOE	White 1981, 1982
1980, CMNH	Andrews Lake survey, Houston and Henry Counties, AL, and Seminole, Decatur, and Early Counties, GA		Belovich et al. 1982
1983, UWF	Apalachicola valley, survey, 6 FL counties	UWF	White 1985
1984, USF	Apalachicola valley survey, 4 FL counties	DHR, USF	White 1986
1985, USF	Middle, lower Apalachicola valley survey, 5 FL counties, 107 previously unknown sites	DHR	Henefield 1987; Henefield and White 1986
1986, USF	Chipola Valley survey, Jackson, Calhoun counties, FL, 184 new sites	DHR, USF	White and Trauner 1987
1987, USF	Overgrown Road (8Gu38), Firebreak Circle (8Gu40) sites (camps); Depot Creek (8Gu56), Van Horn Creek (8Fr744), Yellow Houseboat (8Gu55) estuarine shell middens, tests	NOAA , USF	White 1991, 1992
1988, USF	Clark Creek (8Gu60), Sam's Cutoff (8Fr754) shell middens; Corbin-Tucker (8Ca142), Pope Cabin (8Ja391), Trestle Bridge (8Ja186) sites (EWd through contact-period) testing	NOAA, USF	Ward 1989; White 1994
1990, USF	Otis Hare (8Li172) Wd camp; Sunstroke (8Li217), LWd-FW village; Corbin-Tucker (8Ca142) FW village, cemetery, test excavations; Gulf County Correctional Institution Survey	FL Humanities Council; FL Dept Corrections	White 2014, 2018; Hutchinson et al. 1991
1991, USF	Sam's Cutoff (8Fr754) estuarine shell midden, Lost Dog (8Fr20) EWd camp testing; other survey in Gulf County	U.S. Forest Service	Parker and White 1992; White and Estabrook 1994
1993, USF	Van Horn Creek (8Fr744), Sam's Cutoff (8Fr754) estuarine shell middens, testing with dewatering; Thank-you-ma'am Creek shell midden (8Fr755) test excavations	DHR	Parker 1994, White 2003
1994, USF	Pierce mounds (8Fr14, etc.) and Gulf, Franklin County sites, survey	DHR	White 2013
1995, USF	Yon mound, village (8Li2) FW, Lamar, test excavation; survey in 5 FL counties and Seminole Co., Georgia	DHR	Simpson 1996; White 1996a
1996, USF	Thick Greenbriar (8Ja417) FW contact-period village testing; Cape St. George shipwreck (8Fr857), Pierce mounds (8Fr14, etc.); survey in 6 FL, 2 GA counties; 91 sites total	DHR (federal flood relief funds)	White 1996b, 2000, 2006
1997, USF	Confederate Forts Gilmer, Cobb (8Gu14, Gu94) and 4 FL counties survey		White 1999b; White et al. 2000
1998, USF	Apalachicola remote areas survey, 4 FL counties	DHR	White 1999a, 1999b
1999, USF	Apalachicola middle, lower valley survey	ANERR	Mayo 2003
2000, USF	Thick Greenbriar site (8Ja417) FW-contact-period village, Richardson's Hammock (8Gu10) FW shell midden testing	ANERR, USF	Rodriguez 2004; White et al. 2002

Year, Institution	Research/Sites	Support	References
2001, USF	St. Joe Bay State Buffer Preserve survey; Richardson's Hammock (8Gu10) testing; Black's Island (8Gu11)	DHR; B. Koran	Harke 2012; Harke et al. 2015; Mayo 2003; Mayo and White 2001; White 2005
2002, USF	Thick Greenbriar site (8Ja417), St. Joe Bay State Buffer Preserve survey; Lighthouse Bayou (8Gu114) testing, Gulf and Franklin County shell middens survey	ANERR/ SJBSBP; D. Ward	Desjardins 2004; Eyles 2004; Fielding 2002; Hockersmith 2004; Gold 2016
2003, USF	survey, 4 FL counties; Chipola Cutoff Mound (8Gu5)	ANERR, D.	Frashuer 2006; White 2011b
2004, USF	Creek/Seminole sites survey, 6 FL counties	Ward, small	Buffington 2009
2005, USF	survey, 4 FL counties	contracts	Frashuer 2006; Yuellig 2007
2006, USF	Pierce (8Fr14, etc.), survey of Paleo-Indian sites/collections, 4 FL counties	USF, D. Ward	White 2013
2007, USF	survey, 3 FL counties and Fort San José, (8Gu8); Yon mound and village (8Li2) and Pierce (8Fr14, etc.) test excavations	USF, D. Ward	Du Vernay 2011, 2014; Kimble 2008; Saccente 2013; Saccente and White 2015; Tyler 2008
2008, USF	Gotier Hammock mound (8Gu2), test excavations; survey, 4 FL counties	Friends of St. Joseph Preserves, D. Ward	White 2010
2009, USF	Survey of St. Vincent I., Franklin Co.	N. Baldwin, D. Ward, J. and M. Romanelli	Keffer 2015; Kimble 2012; White and Kimble 2016, 2017; White 2021a
2010, USF	St. Vincent I. survey; multicomponent Keene sites (8Ja1847, 1848) testing; Franklin, Gulf Counties survey	D. Ward	Harke 2012; Harke et al. 2015; Kelley 2013
2011, USF	Chattahoochee Landing (8Gd4) and Pierce mounds (8Fr14, etc.) testing	D. Ward; G. Mahr, FWC	White 2011a, 2013, 2021b
2012, USF	brief survey, Gulf and Liberty Counties	D. Ward	Presto 2013
2013, USF	McKinnie (8Ja1869), Wildfire (8Gu229), Jackson Mound (8Fr15) sites testing	D. Ward	Novell 2013; Novell and White 2014; Prendergast 2015
2014, USF	Pierce Mounds (8Fr14, etc.)	D. Ward	Prendergast and White 2014
2015, USF	Depot Creek Depot site (8Gu199) survey; lost town of old St. Joseph	D. Ward	Hunt 2014
2016, USF	Chipola R collector data; Porter's Bar (8Fr1), MWd mound, shell midden; small contracts	D. Ward; FWC	Kreiser 2018; Knigge 2018
2017-18, USF	sites and collections in entire region	DHR, D. Ward	Prendergast and White 2017; White 2018, 2019
2019-23, USF, private work	old St. Joseph (multiple site numbers); Richardson's Hammock (8Gu10); Fort San José (8Gu8),	D. Ward, USF, National Geographic Society	Hunt, Ph. D. dissertation in progress; White et al. 2022; Wright 2022

Table 2.1. Watercraft recorded archaeologically in the Apalachicola-lower Chattahoochee valley, from upriver down (all apparently remain sunken unless indicated).

Site #, Name	R Mi*; Location; Year Recorded	Max LxWxHt (ft)	Description	Time Period	References	Present location
WOODEN BOATS						
Cypress canoe	135; E riverbank Flint; 1990	12.9x2x1.2	cypress dugout; metal tool marks	late 1700s-1800s?	https://southwestgeorgia.com/bainbridge/museum.shtml#&panel1-9	Decatur County Museum, Bainbridge, GA
8Gd59, Hattan canoe	106; riverbank (dredged up?); 1973	22.8x2.3 x 1.3, broken	pine; flat bed; metal tool marks	historic (unknown ethnicity)	FL site file	wood identified by BAR; still in private collection?
canoe	94? dug from riverbank at Torreya St. Park; 1930s?	23x2x1	dugout, flat end for "steersman"	historic?	Federal Writers' Project 1939:509	Torreya State Park CCC camp, 1930s
8Li430, Larkin boat, USFS#96 06(H)	43.1 + 7 miles up Gregory Mill Creek; in bank; 1996	17x2.6x1.1	planked punt or pirogue; metal tool marks	1820s-90s	Meide 2013	displayed at Forest Service District Office, Bristol
8Fr961, Apalachicola Trader's Canoe	5; river bed; found during deadheading; 2006	50.3x1.9 x1.7	cypress; metal tool marks; boxed hull, blunt ends	1750-1800	Porter 2009	conserved by BAR; now at Center for History, Culture, Art, Apalachicola
8Gu116, Lake Wimico canoe	6 + 6? mi up Jackson R to lake bed; found during dead-heading; 1923	49x2x2.3	cypress; blunt, tapered ends, flat bed; metal tool marks	historic	FL site file	conserved? stored in FLMNH (#45596)
8Fr343, Dog Island II site canoe**	0; eroding from barrier island dune; 1967	18.6x1.8x.5 stern broken	pine; overhanging bow for sea waves?	LWd, C ¹⁴ date: A.D. 787	White et al. 1995	conserved at BAR; on wall at Museum of FL Hist, Tallahassee
OTHER VESSELS						
8Gd997 <i>JW Hires</i>	106; on bank; 2010	135x22.7x?	steamboat	sank 1911	Price and McClarnon 2010	
8Gd998 Vessels 1-4	106; on bank; 2010	various broken parts	<i>Sandy, Coca-Cola Bill</i> , 2 more (barges, work boats)	all 20 th cen?	Price and McClarnon 2010	
8Ja1692 Daniels Bridge	105; river bed, 2004	50?x20?x?	wooden barge	early 20 th cen?	FL site file	
8Ja1764 <i>Barbara Hunt</i>	106; riverbank/ bed; 2010	100x22x4	steamboat metal hull	left in 1940	Price and McClarnon 2010	
8Ja1851 Vessel 5	106; river bed; 2010	54x18.5x?	barge	prob 20 th cen	Price and McClarnon 2010	
8Li295 Apalachicola River Steam Engine	80.2; in river; engine pulled up 1989	?	steamboat	19-20 th cen	FL site file	engine at BAR
Ca County; <i>City of Eufaula</i> and other vessels	77.5; river near boat ramp, Blountstown; always known by locals	various	steamboat, other wrecks	sank 1914; rest 20 th cen?	Florida Memory online	remain decaying, unrecorded
8Li42 <i>Alice</i>	56.4; dredged up; 1974?	156x32x?	stern-wheel steamboat	sank 1865	FL site file	still on bank of Brickyard Lake?

Site #, Name	R Mi*; Location; Year Recorded	Max LxWxHt (ft)	Description	Time Period	References	Present location
8Gu88 Iola barge	42.5 + 2 mi W to Dead Lake; 1990	75x26.4 x5.5	dredging barge	early 1900s	FL site file	still on lake bank?
8Gu183 <i>Apalachee</i>	42 + 2 mi up Chipola Cutoff; 2007	135x28x4.5	stern-wheel steamboat	sank 1899	FL BAR 2007	
8Gu138 Virginia Cut pull boat	35.5 + 1 mi up Virginia Cut; in sand; 2004	19x5x2?	pull boat used for logging	20 th cen	FL site file	covered in plastic; reburied
8Gu98/8Li426 Isolate Canoe	35; river bed; dredged up; 1988	17.8x2x?	wooden canoe	19 th cen?	FL site file	conserved by BAR; displayed at Jim Woodruff dam
8Li43 <i>Irvington</i> or <i>Oconee</i>	24; pulled up by <i>Montgomery</i> snagboat; 1977	many parts, variable	side-wheel steamboat	sank 1838 or 1846	FL site file; Mueller 1990	was on bank at Ft. Gadsden St. Pk.
8Gu9, Ft. Gadsden Wreck	18.3; river bed; 1965	unknown	federal gunboat?	sank 1863?	FL site file	wood, anchor fluke, chain, brick at BAR
8Fr916 Porter Lake Steamboat	9 + .5 mi E to St. Marks R; 2002	<80x?x?	steamboat	early 20 th cen	FL site file	
8Fr917, Porter Lake Barge	9 + .5 mi E to St. Marks R; 2002	43x14x?	small wooden barge	early 20 th cen	FL site file	
8Gu115 Apalachicola 8.5 Wreck	8.5; found during deadheading; 2000	?	steamboat	20 th cen?	FL site file	
8Gu121 Tank Boat	6.1 + 1 mi up Saul Cr Cutoff; 2002	30x12.2x?	liquid-cargo boat	20 th cen	FL site file	
8Gu122 Gibby's Boat	6.2 + 2 mi up Saul Cr; 2002	35x12.5x?	sailing vessel	20 th cen	FL site file; Prendergast et al. 2023	still sunk in Saul's Creek; abandoned?
8Gu123 Ingram Creek Steamboat	6 + 1.7 mi on Jackson R, Ingram Cr; 2002	?	stern-wheel steamboat	20 th cen	FL site file; Prendergast et al. 2023	still sunk in Ingram Creek
8Gu109 <i>SS Florida</i>	0, St. Joseph Bay; bottom; 2001	122x36x?	steamboat	sank 1856	FL site file	
8Gu169 <i>Miss Steppie</i>	0, St. Joseph Bay bottom; 2005	50x30x?	work and excursion boat	sank 1915	FL site file; Jones 2005	
8Fr960 Shiver-Thompson Boat	0; St. Vincent sound 1.5 mi E of Indian Pass; 2005	16.5x3x2?	small work boat?	20 th cen Amer	FL site file	
8Fr56 No Name Wreck	0; Gulf off SE tip St. Vincent I; found by shrimpers; 1974	?	? keel and bronze parts photographed	20 th cen?	FL site file	
8Fr857, Cape St. George shipwreck	0; Gulf shore, Little St. George Island; 1996	100?x?x?	Eur or Amer cargo ship hull segment	late 1800s	White 2006	washed back out? reburied? parts on display at ANERR
8Fr816 Plantation Beach	0; Gulf shore, W side St. George I; 1986	?	side of large cargo ship?	early 20 th cen? part of Fr857?	FL site file	washed back out? reburied?
8Fr919, SGI Anomaly #13	0; E end St. George Sound; 2003	?	ballast pile, artifacts	hist Amer	FL site file	artifacts at FSU?

* River/Navigation mile shows how far inland; all on Apalachicola except Cypress Canoe, on Flint; "+" adds additional miles up tributaries

** Dog Island has many shipwrecks not listed as it is outside the research region; this canoe is the closest one to the research area that is of **prehistoric** origin

Table 2.2. Steatite artifacts from Apalachicola-lower Chattahoochee valley sites.

SITE #	NAME	TYPE	ARTIFACT	COMPONENTS	REFERENCES
1Ho22	Bull Pen	midden	2 sherds	EArch, LArch, Wd, Lam?	Belovich et al. 1982
1Ho164	Unnamed	?	sherds	LArch; Wl; LWd	Huscher 1959 (Ho28)
1Ho322	Unnamed	?	sherds	LArch, MWd, LWd	Jenkins 1976; Huscher 1959
8Ja37	Hudson	midden	1 sherd	LArch	Yates 2000
8Ja20 (J-18)	Tan Vat	village	2 sherds; banner-stone (?) frag	LArch, EWd, MWd, LWd?	Bullen 1958; Yates 2000 (labeled "Ja18")
8Ja8 (J-5)	Chattahoochee River 1	village, shell midden	7 sherds	LArch, EWd, FW	Bullen 1958
8Ja33 (J-31)	Wilson	midden	3 sherds	LArch, EArch? MWd	Bullen 1950
8Ja39 (J-37)	Harrell	village	1 sherd	Paleo, EArch, LArch, MWd, LWd? FW	Bullen 1950, White 1981
8Ja63	J-Y Field	village, shell midden	ornament fragment	MWd	Bullen 1958
8Ja65	Waddell's Mill Pond	cave, village, mounds	4 sherds	LArch, EWd? MWd, FW protohist	Tesar and Jones 2009 Yates 2000
8Ja109	Caverns Park (Russell Spring)	midden	sherd?	Paleo? Earch, LArch? EWd	FLMNH Simpson collection
8Ja111	Bump Nose Rd Swain Pond	midden	sherds	Earch, MArch, LArch, EWd, FW	FL site file
8Ja112	Blue Hole	village?	carved ornament (rattlesnake tail?)	MWd?	FLMNH Simpson collection #102498
8Ja551	Red Oak Ravine	?	1 sherd	LArch, EWd	FL site file
8Ja129	Branch Field	village	1/3 bowl	LArch	Yates 2000; BAR collections
8Ja1481	North Hays Spring Run	midden	1 sherd	LArch, LWd?	FL site file
9Dr27	Log Landing	mound, shell midden	square elbow pipe	MWd? LWd?	Moore 1907; White 1981
9Dr2	Munnerlyn's Landing	burial mound	ellipsoidal bowl sherd with burial	LArch? EWd, MWd	Moore 1907; White 1981
9Se27	Underwater Indian Mound	village, burial mound, shell midden	flanged vessel sherd; square pipe bowl frag	LArch, EWd, MWd, LWd? FW; LC	White 1981
8Gd12	Sassafras	upland camp	3 frags	LArch; LWd	Scarry 1975
8Gd13	Sycamore	village	5 sherds	LArch; MWd? LWd, FW	Milanich 1974; Yates 2000
8Gu46	Marge Martin	midden	sherds	LArch; LWd	Henefield and White 1986
8Fr755	Thank-You-Ma'Am Creek	shell midden	sherd	LArch, Wd, FW residue dated cal. 992-830 B.C.	Parker 1994; White 2018
8Fr10	Eleven Mile Point	burial mound, shell midden	small frag	MW	White 2018
8Fr14	Pierce mounds complex	shell midden, 12 mounds	squared pipe frag	EWd, MWd, LWd, FW	White 2013
8Fr15	Jackson Mound	burial mound	square pipe	MWd	Moore 1902
8Fr362	St. Vincent 3	shell midden ridge	15 sherds	Paleo thru FW	White and Kimble 2017
8Fr364-365	St. Vincent 5, 6 (Pickalene)	shell midden ridge	square pipe	Paleo thru Lam	White and Kimble 2017 (BAR collections)

Table 2.3. Plant remains identified from archaeological sites in the Apalachicola-lower Chattahoochee region (by common name; site numbers in alphabetical and numerical order; fern spores not listed).

Common Name	Biological Name	Site #	Site Name	Component	References
American bur-reed?	<i>Sparganium americanum</i>	8Gu114	Lighthouse Bayou	Lam	Melton et al. 2020
arrowwood	<i>Viburnum dentatum</i>	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
bald cypress	<i>Taxodium distichum</i>	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
basket oak	<i>Quercus michauxii</i>	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
bedstraw	<i>Galium aparine</i> or <i>Galium</i> sp.	8Gu38	Overgrown Road	MWd	White 1992, 1994
		8Gu55	Yellow Houseboat	Larch; Ewd; FW	White 1994
		8Gu60	Clark Creek	LArch	White 1994
		8Gu114	Lighthouse Bayou	Lam	Melton et al. 2020
beech	<i>Fagus</i> sp.	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
black walnut	<i>Juglans nigra</i>	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
black willow	<i>Salix nigra</i>	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
bluegrass	Poaceae sp.	8Li172	Otis Hare	MWd; LWd	E. Sheldon pers comm 1991
bluestem	<i>Andropogon</i> sp.	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
butterweed	<i>Senecio glabellus</i>	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
buttonbush	<i>Cephalanthus occidentalis</i>	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
catalpa	<i>Catalpa</i> sp.	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
chenopod	<i>Chenopodiaceae</i>	8Li76	St. Stephen's Church	LWd	Maymon et al. 1996
chenopod/amaranth	<i>Amaranthaceae</i>	8Gu11	Black's Island	Wd/FW	pers comm D. Ruhl 2003
		8Ja7	Curlee	FW	USF archaeology lab data
		8Li76	St. Stephen's Church	LWd	Maymon et al. 1996
chickweed	<i>Stellaria media</i>	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
conifer	<i>Taxoideae-Cupressaceae</i>	8Li172	Otis Hare	MWd	Kiahtipes 2021
		8Li217	Sunstroke	LWd	Kiahtipes 2021
cypress?	<i>Juniperus</i>	8Gu10	Richardson's Hammock	Wd/FW	pers comm D. Ruhl 2003
dicot	Dicotyledoneae	8Gu114	Lighthouse Bayou	FW/Lam	pers comm D. Ruhl 2003
		8Li172	Otis Hare	MWd	Cummings and Kováčik 2018
dwarf pawpaw	<i>Asimina pygmea</i>	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
elderberry	<i>Sambucus</i> sp.	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
false nettle	<i>Boehmeria cylindrica</i>	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
false strawberry	<i>Duchesnea indica</i>	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
fetterbush	<i>Lyonia lucida</i>	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
french mulberry/ American beautyberry	<i>Callicarpa americana</i>	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
fern	<i>Pteridophyta</i>	8Fr744	Van Horn Creek	LArch; Wd; FW	White 1994
		8Li172	Otis Hare	LWd	Kiahtipes 2021
fringe tree	<i>Chionanthus virginicus</i>	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
grape?	<i>Vitis</i> sp.	8Gu38	Overgrown Road	MWd	White 1992, 1994
grape	<i>Vitis</i> sp.	8Gu55	Yellow Houseboat	LArch; Ewd; FW	White 1994
		8Gu114	Lighthouse Bayou	FW/Lam	Melton et al 2020
grasses	Graminae	8Gu11	Black's Island	Wd/FW	pers comm D. Ruhl 2003
		8Li172	Otis Hare	MWd	Cummings and Kováčik 2018
grasses	<i>Panicum</i> sp.	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
		8Li76	St. Stephen's Church	LWd	Maymon et al. 1996
grasses	Poaceae	8Li172	Otis Hare	MWd	Kiahtipes 2021
		8Li217	Sunstroke	LWd	Kiahtipes 2021
hackberry	<i>Celtis occidentalis</i>	8Gu114	Lighthouse Bayou	Lam	Melton et al. 2020
		8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
hardwood	Angiospermae	8Gu10	Richardson's Hammock	Wd, FW	pers comm, D. Ruhl 2003
		8Gu38	Overgrown Road	MWd	White 1992, 1994

Common Name	Biological Name	Site #	Site Name	Component	References
		8Gu56	Depot Creek	EWd	White 1994
		8Gu114	Lighthouse Bayou	FW	pers comm D. Ruhl 2003
hercules club	<i>Zanthoxylum clava-herculis</i>	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
hickory	<i>Carya</i> sp.	8Ca142	Corbin-Tucker	LWd; FW	White 1994
		8Gd12	Sycamore	LWd	Milanich 1974
		8Gu38	Overgrown Road	MWd	White 1992
		8Gu56	Depot Creek	EWd	White 1994
		8Gu114	Lighthouse Bayou	Lam	Melton et al. 2020
		8Ja417	Thick Greenbriar	FW	White 2000; Rodriguez 2004
		8Li2	Yon	Lam	Melton et al. 2020
		8Li76	St. Stephen's Church	LWd	Maymon et al. 1996
		8Li172	Otis Hare	MWd; LWd	USF archaeology lab
		8Li217	Sunstroke	LWd	Kiahtipes 2021
holly	<i>Ilex</i> sp.	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
hop hornbeam	<i>Ostrya virginiana</i>	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
knotweed	<i>Polygonum</i> sp.	8Gu38	Overgrown Road	MWd	White 1992, 1994
		8Li172	Otis Hare	MWd	Cummings and Kováčik 2018; Kiahtipes 2021
large gallberry	<i>Ilex coriacea</i>	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
laurel oak	<i>Quercus</i> sp.	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
lead plant	<i>Amorpha canescens</i>	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
legume family	Fabaceae	8Gu114	Lighthouse Bayou	Lam	Melton et al. 2020
lotus	<i>Nelumbo</i> sp.	8Gu114	Lighthouse Bayou	Lam	Melton et al 2020
magnolia	<i>Magnolia</i> sp.	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
maize (corn)	<i>Zea mays</i>	1Ho27/101	Omusee Creek mound	FW	Blitz and Lorenz 2006; Neuman 1961
		8Ca3	Cayson	FW	Brose et al. 1976
		8Gd12	Sycamore	LWd	Milanich 1974
		8Gu114	Lighthouse Bayou	Lam	Melton et al. 2020
		8Ja7	Curlee	FW	White 1982
		8Ja8 (J-5)	Chattahoochee R 1	FW	Bullen 1958
		8Ja45	Neal's Landing	Creek/Sem	Franks and Yakubik 1987
		8Ja65	Waddell's Mill Pond	FW	Gardner 1966
		8Ja417	Thick Greenbriar	FW/protohist	White 2000; Rodriguez 2004
		8Li76	St. Stephen's Church	LWd?	Maymon et al. 1996
		9Se20	Turkey Patch	protoh?	White 1981
maple	<i>Acer</i>	8Li217	Sunstroke	LWd	Kiahtipes 2021
monocot	Monocotyledoneae	8Gu114	Lighthouse Bayou	FW/Lam	pers comm D. Ruhl 2004
nut	unknown	8Ja8 (J-5)	Chattahoochee R 1	EWd	Bullen 1958
		8Ja20 (J-18)	Tan Vat	Larch-LWd	Bullen 1958
		8Ja63	J-Y Field	MWd	Bullen 1958
		8Ja65	Waddell's Mill Pond	Wd, FW	Tesar and Jones 2009
oak	<i>Quercus</i> sp.	8Ca142	Corbin-Tucker	LWd; FW	White 1994
		8Fr744	Van Horn Creek	LArch; Wd; FW	White 1994
		8Gd12	Sycamore	LWd	Milanich 1974
		8Gu10	Richardson's Hammock	Wd, FW	pers comm D. Ruhl 2003
		8Gu38	Overgrown Road	MWd	White 1992, 1994b
		8Gu55	Yellow Houseboat	LArch; EWd; FW	White 1994
		8Gu60	Clark Creek	LArch	White 1994
		8Gu114	Lighthouse Bayou	Lam	Melton et al. 2020
		8Ja7	Curlee	FW	White 1982
		8Ja417	Thick Greenbriar	FW	White 2000; Rodriguez 2004
		8Li76	St. Stephen's Church	LWd	Maymon et al. 1996

Common Name	Biological Name	Site #	Site Name	Component	References
		8Li172	Otis Hare	MWd; LWd	E. Sheldon, pers comm 1991; Kiahtipes 2021
		8Li217	Sunstroke	LWd	Kiahtipes 2021
overcup oak	<i>Quercus lyrata</i>	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
palm/palmetto?	<i>Sabal palmetto</i> or <i>Serenoa repens</i>	8Gu10	Richardson's Hammock	Wd, FW	pers comm D. Ruhl 2003
		8Gu11	Black's Island	Wd/FW	pers comm D. Ruhl 2003
		8Ja417	Thick Greenbriar	FW/protoh	White 2000
partridge berry	<i>Mitchella repens</i>	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
peach?	<i>Prunus persica</i>	8Ja7	Curlee	FW; Crk	White 1982
peach		9Se20	Turkey Patch	protoh?	White 1981
pear	<i>Pyrus</i> sp.	8Gu114	Lighthouse Bayou	Lam	Melton et al. 2020
persimmon	<i>Diospyros virginiana</i>	8Gu114	Lighthouse Bayou	Lam	Melton et al. 2020
		8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
		8Ja417	Thick Greenbriar	FW	White 2000; Rodriguez 2004
		8Li76	St. Stephen's Church	LWd	Maymon et al. 1996
		8Li172	Otis Hare	MWd; LWd	USF archaeology lab
pignut hickory	<i>Carya glabra</i>	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
pine	<i>Pinus</i> sp.	8Ca142	Corbin-Tucker	LWd; FW	White 1994
		8Fr744	Van Horn Creek	LArch; Wd; FW	White 1994
		8Gu10	Richardson's Hammock	Wd, FW	pers comm D. Ruhl 2003
		8GU11	Black's Island	Wd/FW	pers comm D. Ruhl 2003
		8Gu38	Overgrown Road	MWd	White 1992; 1994
		8Gu55	Yellow Houseboat	LArch; EWd; FW	White 1994
		8Gu56	Depot Creek	EWd	White 1994
		8Gu60	Clark Creek	LArch	White 1994
		8Gu114	Lighthouse Bayou	Lam	Melton et al 2020
		8Ja417	Thick Greenbriar	FW	White 2000; Rodriguez 2004
		8Li172	Otis Hare	MWd; LWd	Cummings and Kováčik 2018; USF archaeology lab
		8Li217	Sunstroke	LWd	Kiahtipes 2021
plum/cherry	<i>Prunus americana</i>	8Gd12	Sycamore	LWd	Milanich 1974
plum/cherry	<i>Prunus</i> sp.	8Ca142	Corbin-Tucker	LWd; FW	White 1994
pokeweed	<i>Sida</i> sp.	8Gu114	Lighthouse Bayou	Lam	Melton et al. 2020
poplar	<i>Populus</i> sp.	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
possumhaw	<i>Ilex decidua</i>	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
purslane?	<i>Portulaca</i> sp.	8Gu55	Yellow Houseboat	LArch; EWd; FW	White 1994
red mangrove?	<i>Rhizophora mangle</i>	8Gu11	Black's Island	Wd/FW	pers comm D. Ruhl 2003
red maple	<i>Acer rubrum</i>	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
river birch	<i>Betula nigra</i>	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
river cane	<i>Arundinaria gigantea</i> or <i>Arundinaria</i> sp.	8Gu114	Lighthouse Bayou	Lam	Melton et al. 2020
		8Ja65	Waddell's Mill Pond	Wd, FW	Tesar and Jones 2009
sabal palm	<i>Sabal palmetto</i>	8Gu11	Black's Island	Wd/FW	pers comm D. Ruhl 2003
sebastian bush	<i>Ditrysinia fructosa</i>	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
sedge	<i>Carex</i> sp.	8Gu55	Yellow Houseboat	LArch; EWd; FW	White 1994
		8Gu114	Lighthouse Bayou	Lam	Melton et al. 2020
		8Li172	Otis Hare	MWd	Cummings and Kováčik 2018
sedges	Cyperaceae	8Li217	Sunstroke	LWd	Kiahtipes 2021
shrubs	<i>Vernonia</i> sp.	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
skullcap	<i>Scutellaria</i> sp.	8Gu114	Lighthouse Bayou	FW/Lam	pers comm D. Ruhl 2004
smartweed	<i>Polygonum</i> sp.	8Gu55	Yellow Houseboat	LArch; EWd; FW	White 1994
		8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
softwood (unclass)	<i>Gymnospermae</i>	8Gu10	Richardson's Hammock	Wd, FW	pers comm D. Ruhl 2003
		8Gu11	Black's Island	Wd/FW	pers comm D. Ruhl 2003
		8Gu114	Lighthouse Bayou	FW, Lam	pers comm D. Ruhl 2003
Spanish moss	<i>Tillandsia usneoides</i>	8Gu56	Depot Creek	LArch (in sherd)	White and Estabrook 1994

Common Name	Biological Name	Site #	Site Name	Component	References
sparkleberry	<i>Vaccinium arboreum</i>	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
spruce pine	<i>Pinus glabra</i>	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
spurge	<i>Euphorbia</i> sp.	8Gu114	Lighthouse Bayou	Lam	Melton et al. 2020
strawberry bush	<i>Euonymus americanus</i>	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
sumac	<i>Rhus</i> sp.	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
swamp ash	<i>Fraxinus pennsylvanica</i>	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
swamp privet	<i>Forestiera acuminata</i>	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
sweetgum	<i>Liquidambar styraciflua</i>	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
sycamore	<i>Platanus occidentalis</i>	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
torreya tree?	Cupressaceae cf. <i>Torreya</i> sp.	8Li172	Otis Hare	MWd	Kiahtipes 2021
tupelo gum	<i>Nyssa sylvatica</i>	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
verbena	Verbenaceae	8Li172	Otis Hare	MWd	Kiahtipes 2021
violet	<i>Viola</i> sp.	8Gu114	Lighthouse Bayou	FW/Lam	pers comm D. Ruhl 2003
walnut	<i>Juglans</i> sp.	8Gd12	Sycamore Site	LWd	Milanich 1974
		8Gu114	Lighthouse Bayou	Lam	Melton et al. 2020
		8Li76	St. Stephen's Church	LWd	Maymon et al. 1996
		8Li172	Otis Hare	MWd; LWd	USF archaeology lab
wandering jew	<i>Tradescantia pallida</i>	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
water ash	<i>Fraxinus caroliniana</i>	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
water elm	<i>Planera aquatica</i>	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
water gum	<i>Tristanopsis laurina</i>	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
water hickory	<i>Carya aquatica</i>	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
water locust	<i>Gleditsia aquatica</i>	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
water oak	<i>Quercus nigra</i>	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
water willow?	<i>Justicia</i>	8Li217	Sunstroke	LWd	Kiahtipes 2021
wax myrtle	<i>Myrica</i> sp.	8Ca142	Corbin-Tucker Site	LWd; FW	White 1994
		8Gu114	Lighthouse Bayou	Lam	Melton et al. 2020
		8Li172	Otis Hare	LWd	Kiahtipes 2021
		8Li217	Sunstroke	LWd	Kiahtipes 2021
willow	<i>Salix</i> sp.	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
winged elm	<i>Ulmus alata</i>	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
witch hazel	<i>Hamamelis virginiana</i>	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
wood grass	<i>Sorghastrum nutans</i>	8Ja104	Scholz Steam Plant	MWd; LWd	Percy 1976
yaupon holly	<i>Ilex vomitoria</i>	8Gu114	Lighthouse Bayou	Lam	Melton et al. 2020

Table 2.4. Animal remains identified from archaeological sites in the Apalachicola-lower Chattahoochee region (by common name; site numbers in alphabetical and numerical order).

NAME	BIOLOGICAL NAME	SITE #	SITE NAME	COMPONENT	REFERENCES
MAMMALS					
American black bear	<i>Ursus americanus</i>	8Gd13	Sycamore	LWd	Milanich 1974
		8Ja63	J-Y Field	MWd	Bullen 1958
		8Ja65	Waddell's Mill Pond	E/MWd, FW	Tesar & Jones 2009
		8Li8	Torrey's Ranger	Wd	Percy 1974
		8Li172	Otis Hare	MWd	Shockey 1991
beaver	<i>Castor canadensis</i>	8Fr364	St. Vincent 5	MWd, LWd	White & Kimble 2017
		8Ja8 (J-5)	Chattahoochee River 1	LArch	Bullen 1958
		8Ja65	Waddell's Mill Pond	E/MWd, FW	Tesar & Jones 2009
		8Li76	St. Stephens Church	LWd	Maymon et al. 1996
bison?	<i>Bison bison</i>	8Fr14	Pierce Mound A (artifact)	E/MWd	Moore 1902; White 2013
		8Ja65	Waddell's Mill Pond	FW protohist?	Tesar & Jones 2009
bobcat	<i>Lynx rufus</i>	8Ja8 (J-5)	Chattahoochee River 1	LArch	Bullen 1958
		8Ja65	Waddell's Mill Pond	E/MWd, FW	Tesar & Jones 2009
		8Li8	Torrey's Ranger	Wd	Percy 1974
cow-bison	<i>Bos</i> or <i>Bison</i>	8Ja65	Waddell's Mill Pond	E/MWd, FW	Tesar & Jones 2009; Wing 1967
domestic dog	<i>Canis familiaris</i>	8Ja7	Curlee	FW	White 1982
		8Ja65	Waddell's Mill Pond	E/MWd, FW	Tesar & Jones 2009
		8Li76	St. Stephens Church	LWd	Maymon et al. 1996
		8Li172	Otis Hare	MWd	Cummings & Kováčik 2018
eastern woodrat	<i>Neotoma floridensis</i>	8Gd13	Sycamore	LWd	Milanich 1974
		8Ja65	Waddell's Mill Pond	E/MWd, FW	Tesar & Jones 2009
		8Li2	Yon	FW	Brose et al. 1976
		8Li76	St. Stephens Church	LWd	Maymon et al. 1996
		8Li172	Otis Hare	EWd, LWd	Shockey 1991
fox squirrel	<i>Sciurus niger</i>	8Gd13	Sycamore	LWd	Milanich 1974
		8Ja65	Waddell's Mill Pond	E/MWd, FW	Tesar & Jones 2009
		8Li8	Torrey's Ranger	Wd	Percy 1974
gray fox	<i>Urocyon cinereoargenteus</i>	8Ja65	Waddell's Mill Pond	E/MWd, FW	Tesar & Jones 2009
		8Li8	Torrey's Ranger	Wd	Percy 1974
		8Li172	Otis Hare	MWd	Shockey 1991
gray squirrel	<i>Sciurus carolinensis</i>	8Gd13	Sycamore	LWd	Milanich 1974
		8Gu60	Clark Creek	EWd	White 1994
		8Ja65	Waddell's Mill Pond	E/MWd, FW	Tesar & Jones 2009
		8Li8	Torrey's Ranger	Wd	Percy 1974
		8Li76	St. Stephens Church	LWd	Maymon et al. 1996
hispid cotton rat	<i>Sigmodon hispidus</i>	8Fr364	St. Vincent 5	MWd, LWd	White & Kimble 2017
		8Fr744	Van Horn Creek	Wd/FW	White 2003
		8Gu10	Richardson's Hammock	FW	Quitmyer & Cannarozzi 2004
		8Gu60	Clark Creek	EWd	White 1994
		8Li2	Yon	FW	Brose et al. 1976
		8Li76	St Stephens Church	LWd	Maymon et al. 1996
marsh rabbit	<i>Sylvilagus palustris</i>	8Gu60	Clark Creek	EWd	White 1994
		8Ja65	Waddell's Mill Pond	E/MWd, FW	Tesar & Jones 2009
		8Li2	Yon	FW	Brose et al. 1976
		8Li172	Otis Hare	MWd, LWd	Shockey 1991
mice	Cricetidae	8Fr744	Van Horn Creek	Wd/FW	White 2003
		8Gu56	Depot Creek	EWd	White 1994
muskrat	<i>Ondatra zibethicus</i>	8Ja8 (J-5)	Chattahoochee River 1	LArch	Bullen 1958; Percy 1974
		8Ja60	Waddell's Mill Pond	E/MWd, FW	Tesar and Jones 2009

NAME	BIOLOGICAL NAME	SITE #	SITE NAME	COMPONENT	REFERENCES
opossum	<i>Didelphis virginiana</i>	8Fr755	Thank-You-Ma'am Creek	LArch, FW	Parker 1994
		8Gd13	Sycamore	LWd	Milanich 1974
		8Gu10	Richardson's Hammock	Wd	Quitmyer & Cannarrozi 2004
		8Gu60	Clark Creek	EWd	White 1994
		8Ja7	Curlee	FW	White 1982
		8Ja8 (J-5)	Chattahoochee River 1	LArch	Bullen 1958; Percy 1974
		8Ja34 (J-34)	Bellamy	FW	Bullen 1950
		8Ja55	Cave 10	FW	Bullen 1949
		8Ja63	J-Y Field	MWd	Bullen 1958:330
		8Ja65	Waddell's Mill Pond	E/MWd, FW	Tesar & Jones 2009
		8Li8	Torreya Ranger	Wd	Percy 1974
		8Li76	St. Stephens Church	LWd	Maymon et al. 1996
		8Li172	Otis Hare	MWd, LWd	Shockey 1991
panther	<i>Felis or Puma concolor</i>	8Fr14	Pierce Mound A	E/MWd	Moore 1902; White 2013
		8Gu55	Yellow Houseboat	LArch, EWd	White 1994
		8Ja65	Waddell's Mill Pond	E/MWd, FW	Tesar & Jones 2009
		8Li8	Torreya Ranger	Wd	Percy 1974
pig (protohist?)	<i>Sus scrofa</i>	8Ja65	Waddell's Mill Pond	E/MWd, FW	Tesar & Jones 2009; Wing 1967
pocket gopher	<i>Geomys pinetis</i>	8Ja65	Waddell's Mill Pond	E/MWd, FW	Tesar & Jones 2009
rabbit	<i>Sylvilagus sp.</i>	8Fr364	St. Vincent 5 (Pickalene)	M/LWd	White & Kimble 2017
		8Fr744	Van Horn Creek	Wd/FW	White 2003
		8Fr754	Sam's Cutoff	LArch	White 2003
		8Gu55	Yellow Houseboat	LArch, EWd	White 1994
		8Gu56	Depot Creek	EWd	White 1994
		8Ja7	Curlee	FW	White 1982
		8Ja63	J-Y Field	MWd	Bullen 1958
		8Ja65	Waddell's Mill Pond	E/MWd, FW	Tesar & Jones 2009
		8Li8	Torreya Ranger	Wd	Percy 1974
		8Li76	St. Stephens Church	LWd	Maymon et al. 1996
raccoon	<i>Procyon lotor</i>	8Fr364	St. Vincent 5 (Pickalene)	M/LWd	White & Kimble 2017
		8Fr754	Sam's Cutoff	LArch	White 2003
		8Fr755	Thank-You-Ma'am Creek	LArch, FW	Parker 1994
		8Gd13	Sycamore	LWd	Milanich 1974
		8Gu55	Yellow Houseboat	LArch, EWd	White 1994
		8Gu60	Clark Creek	EWd	White 1994
		8Ja65	Waddell's Mill Pond	E/MWd, FW	Tesar & Jones 2009
		8Li8	Torreya Ranger	Wd	Percy 1974
		8Li76	St. Stephens Church	LWd	Maymon et al. 1996
		8Li172	Otis Hare	MWd, LWd	Shockey 1991
rodents	Rodentia	8Fr744	Van Horn Creek	Wd/FW	White 2003
		8Fr754	Sam's Cutoff	LArch	White 2003
		8Gd13	Sycamore	LWd	Milanich 1974
		8Gu11	Black's Island	Wd/FW	Mayo 2003
		8Gu55	Yellow Houseboat	LArch, EWd	White 1994
		8Gu60	Clark Creek	EWd	White 1994
		8Ja65	Waddell's Mill Pond	E/MWd, FW	Tesar & Jones 2009
		8Li76	St. Stephens Church	LWd	Maymon et al. 1996
		8Li172	Otis Hare	MWd	Shockey 1991
round-tailed muskrat	<i>Neofiber alleni</i>	8Fr744	Van Horn Creek	Wd/FW	White 2003
		8Gu60	Clark Creek	EWd	White 1994
shrew (modern?)	<i>Blarina carolinensis</i>	8Li217	Sunstroke	FW	Quitmyer 1997
spotted skunk	<i>Spilogale putorius</i>	8Ja63	J-Y Field	MWd	Bullen 1958
striped skunk	<i>Mephitis mephitis</i>	8Ja65	Waddell's Mill Pond	E/MWd, FW	Tesar & Jones 2009
		8Li8	Torreya Ranger	Wd	Percy 1974

NAME	BIOLOGICAL NAME	SITE #	SITE NAME	COMPONENT	REFERENCES
tree squirrel	<i>Sciurus spp.</i>	8Ja7	Curlee	FW	White 1982
		8Li172	Otis Hare	MWd	Shockey 1991
whale	Cetacea	8Fr364	St. Vincent 5	Wd	White & Kimble 2017
white-tailed deer	<i>Odocoileus virginianus</i>	8Fr14	Pierce Mounds A, C	E/MWd	Moore 1902; White 2013
		8Fr20A	Mound near Apalachicola/ Pierce East Village	MWd	White 2013
		8Fr71	Paradise Point	LWd, FW	Braley 1982
		8Fr362	St. Vincent 3 Site	LArch thru FW	White & Kimble 2017
		8Fr364	St. Vincent 5	M/LWd	White & Kimble 2017
		8Fr744	Van Horn Creek	LArch, Wd/FW	White 2003
		8Fr755	Thank-You-Ma'am Creek	LArch, FW	Parker 1994
		8Gd4	Chattahoochee L&ing	Wd, FW	Bullen 1958
		8Gd13	Sycamore	LWd	Milanich 1974
		8Gu10	Richardson's Hammock	FW	Quitmyer & Cannarozzi 2004
		8Gu60	Clark Creek	EWd	White 1994
		8Gu114	Lighthouse Bayou	Lam	Quitmyer & Cannarozzi 2004
		8Ja7	Curlee	FW	White 1982
		8Ja8 (J-5)	Chattahoochee River 1	LArch, FW	Bullen 1958
		8Ja55	Cave 10	FW	Bullen 1949
		8Ja56	Rock Shelter	E/MWd	Percy 1974
		8Ja63	J-Y Field	MWd	Bullen 1958
		8Ja65	Waddell's Mill Pond	E/MWd, FW	Tesar & Jones 2009
		8Ja104	Scholz Steam Plant	MWd	Percy 1976
		8Ja201	Scholz Parking Lot	FW	Brose & Wilkie 1980
		8Li2	Yon	FW	Brose et al. 1976
		8Li3	Mound Below Bristol	E/MWd	Moore 1903
		8Li8	Torrey Ranger	Wd	Percy 1974
		8Li76	St. Stephens Church	LWd	Maymon et al. 1996
		8Li172	Otis Hare	MWd, LWd	Shockey 1991
		8Li217	Sunstroke	FW	Quitmyer 1997
		8Ja221	Blue Worm	Wd	White 1981
		9Dr10	Montgomery Fields	Paleo-LArch, MWd, LWd, Crk	White 2019
		9Se13	Bird Field	LArch, Wd	White 1981
		9Se14	Fairchild's Landing	MWd	Caldwell et al. 2014
wolf	<i>Canis niger</i>	8Fr14	Pierce Mound A	E/MWd	Moore 1902; White 2013
BIRDS					
American coot	<i>Fulica americana</i>	8Fr364	St. Vincent 5	M/LWd	White & Kimble 2017
coot	<i>Fulica sp.</i>	8Gu60	Clark Creek	EWd	White 1994
crow	<i>Corvus brachyrhynchos</i>	8Ja65	Waddell's Mill Pond	E/MWd, FW	Tesar & Jones 2009
diving duck	<i>Aythya sp.</i>	8Li172	Otis Hare	MWd	Shockey 1991
ducks	Anatidae	8Fr744	Van Horn Creek	Wd/FW	White 2003
		8Gu55	Yellow Houseboat	LArch, EWd	White 1994
fish crow	<i>Corvus ossifragus</i>	8Fr364	St. Vincent 5	M/LWd	White & Kimble 2017
great black-backed gull	<i>Larus marinus</i>	8Fr364	St. Vincent 5	M/LWd	White & Kimble 2017
heron	Ardeidae	8Gu10	Richardson's Hammock	FW	Quitmyer & Cannarozzi 2004
perching bird	Passeriformes	8Fr114	Lighthouse Bayou	Lam	Quitmyer & Cannarozzi 2004
		8Gu10	Richardson's Hammock	FW	Quitmyer & Cannarozzi 2004
		8Li8	Torrey Ranger	Wd	Percy 1974
snow goose	<i>Chen caerulescens</i>	8Fr744	Van Horn Creek	LArch	White 2003
teal (duck)	<i>Anas crecca</i>	8Fr364	St. Vincent 5	M/LWd	White & Kimble 2017
turkey	<i>Meleagris gallopavo</i>	8Gd13	Sycamore	LWd	Milanich 1974
		8Ja7	Curlee	FW	White 1982

NAME	BIOLOGICAL NAME	SITE #	SITE NAME	COMPONENT	REFERENCES
		8Ja65	Waddell's Mill Pond	E/MWd, FW	Tesar & Jones 2009
		8Ja104	Scholz Steam Plant	MWd	Percy 1976
		8Li8	Torrey Ranger	Wd	Percy 1974
		8Li76	St. Stephens Church	LWd	Maymon et al. 1996
birds	Aves	8Fr364	St. Vincent 5	M/LWd	White & Kimble 2017
		8Gu10	Richardson's Hammock	Wd/FW	White et al. 2002
		8Gu55	Yellow Houseboat	LArch, EWd	White 1994
		8Gu60	Clark Creek	EWd	White 1994
		8Gu114	Lighthouse Bayou	Lam	Quitmyer & Cannarozzi 2004
		8Ja65	Waddell's Mill Pond	E/MWd, FW	Tesar & Jones 2009
		8Ja56	Rock Shelter	E/MWd	Percy 1974
		8Li172	Otis Hare	MWd	Shockey 1991
		8Li217	Sunstroke	FW	Quitmyer 1997
REPTILES					
alligator	<i>Alligator mississippiensis</i>	8Fr14	Pierce Central Village	MWd	White 2013
		8Fr71	Paradise Point	FW	Braley 1982
		8Fr364	St. Vincent 5	M/LWd	White & Kimble 2017
		8Fr744	Van Horn Creek	LArch, Wd/FW	White 2003
		8Fr754	Sam's Cutoff	LArch	White 2003
		8Fr755	Thank-You-Ma'am Creek	LArch, FW	Parker 1994
		8Gu10	Richardson's Hammock	FW	Quitmyer & Cannarozzi 2004
		8Gu55	Yellow Houseboat	LArch, EWd	White 1994
		8Gu56	Depot Creek	EWd	White 1994
		8Gu60	Clark Creek	EWd	White 1994
		8Gu114	Lighthouse Bayou	Lam	Quitmyer & Cannarozzi 2004
		8Ja65	Waddell's Mill Pond	E/MWd, FW	Tesar & Jones 2009
		8Li2	Yon	FW	Brose et al. 1976
		8Li172	Otis Hare	MWd, LWd	Shockey 1991
		8Li217	Sunstroke	FW	Quitmyer 1997
alligator snapping turtle	<i>Macrolemys temmincki</i>	8Gu10	Richardson's Hammock	Wd	Quitmyer & Cannarozzi 2004
		8Gu114	Lighthouse Bayou	Lam	Quitmyer & Cannarozzi 2004
		8Li172	Otis Hare	MWd	Shockey 1991
Barbour's map turtle	<i>Graptemys barbouri</i>	8Li172	Otis Hare	MWd	Shockey 1991
box turtle	<i>Terrepen carolina</i>	8Fr744	Van Horn Creek	LArch, Wd/FW	White 2003
		8Gd13	Sycamore	LWd	Milanich 1974
		8Gu114	Lighthouse Bayou	Lam	Quitmyer & Cannarozzi 2004
		8Ja65	Waddell's Mill Pond	E/MWd, FW	Tesar & Jones 2009
		8Ja104	Scholz Steam Plant	MWd	Percy 1976
		8Li8	Torrey Ranger	Wd	Percy 1974
		8Li76	St. Stephens Church	LWd	Maymon et al. 1996
chameleon	Iguanidae	8Fr364	St. Vincent 5	M/LWd	White & Kimble 2017
chicken turtle	<i>Deirochelys reticularia</i>	8Gd13	Sycamore	LWd	Milanich 1974
		8Ja65	Waddell's Mill Pond	E/MWd, FW	Tesar & Jones 2009
colubrid snakes	Colubridae	8Fr754	Sam's Cutoff	LArch	White 2003
		8Gu10	Richardson's Hammock	MWd	Quitmyer & Cannarozzi 2004
		8Gu56	Depot Creek	EWd	White 1994
		8Li76	St Stephens Church	LWd	Maymon et al. 1996
common snapping turtle	<i>Chelydra serpentina</i>	8Li172	Otis Hare	MWd	Shockey 1991
cooter/Florida cooter	<i>Pseudemys floridana</i>	8Fr744	Van Horn Creek	LArch	White 2003
		8Gu60	Clark Creek	EWd	White 1994
cooters/sliders/ terrapin	<i>Pseudemys sp.</i>	8Fr755	Thank-You-Ma'am Creek	LArch, FW	Parker 1994
		8Gu10	Richardson's Hammock	FW	Quitmyer & Cannarozzi 2004
		8Gu55	Yellow Houseboat	LArch, EWd	White 1994
		8Gu56	Depot Creek	EWd	White 1994

NAME	BIOLOGICAL NAME	SITE #	SITE NAME	COMPONENT	REFERENCES
		8Gu60	Clark Creek	EWd	White 1994
		8Gu114	Lighthouse Bayou	Wd, FW	Quitmyer & Cannarozzi 2004
		8Ja65	Waddell's Mill Pond	E/MWd, FW	Tesar & Jones 2009
		8Li172	Otis Hare	MWd	Shockey 1991
		9Se14	Fairchild's Landing	MWd	Caldwell et al. 2014
diamondback terrapin	<i>Malaclemys terrapin</i>	8Gu10	Richardson's Hammock	FW	Quitmyer & Cannarozzi 2004
		8Gu114	Lighthouse Bayou	Lam	Quitmyer & Cannarozzi 2004
gopher tortoise	<i>Gopherus polyphemus</i>	8Gu10	Richardson's Hammock	MWd	Quitmyer & Cannarozzi 2004
		8Gu114	Lighthouse Bayou	Lam	Quitmyer & Cannarozzi 2004
		8Ja65	Waddell's Mill Pond	E/MWd, FW	Tesar & Jones 2009
indigo snake	<i>Drymarchon corais</i>	8Gu60	Clark Creek	EWd	White 1994
lizard	Iguanidae	8Fr364	St. Vincent 5	M/LWd	White & Kimble 2017
loggerhead musk turtle	<i>Sternotherus minor</i>	8Li8	Torrey Ranger	Wd	Percy 1974
mud & musk turtles	Kinosternidae	8Fr71	Paradise Point	Wd, FW	Braley 1982
		8Fr364	St. Vincent 5	Wd	White & Kimble 2017
		8Fr744	Van Horn Creek	LArch, Wd/FW	White 2003
		8Fr754	Sam's Cutoff	LArch	White 2003
		8Gd13	Sycamore	LWd	Milanich 1974
		8Gu55	Yellow Houseboat	EWd/FW	White 1994
		8Gu56	Depot Creek	EWd	White 1994
		8Gu60	Clark Creek	EWd	White 1994
		8Gu114	Lighthouse Bayou	Lam	Quitmyer & Cannarozzi 2004
		8Ja65	Waddell's Mill Pond	E/MWd, FW	Tesar & Jones 2009
		8Li2	Yon	FW	Quitmyer 1997
		8Li8	Torrey Ranger	Wd	Percy 1974
		8Li76	St. Stephens Church	LWd	Maymon et al. 1996
		8Li172	Otis Hare	MWd, LWd	Shockey 1991
musk turtle	<i>Sternotherus</i> sp.	8Ja65	Waddell's Mill Pond	E/MWd, FW	Tesar & Jones 2009
		8Li76	St. Stephens Church	LWd	Maymon et al. 1996
painted turtle	<i>Chrysemys</i> sp.	8Fr755	Thank-You-Ma'am Creek	LArch, FW	Parker 1994
pond slider	<i>Pseudemys scripta</i>	8Fr744	Van Horn Creek	Wd/FW	White 2003
pond turtles	Emyidae	8Fr744	Van Horn Creek	LArch, Wd/FW	White 2003
		8Fr754	Sam's Cutoff	LArch	White 2003
		8Gd13	Sycamore	LWd	Milanich 1974
		8Gu114	Lighthouse Bayou	FW, Lam	Quitmyer & Cannarozzi 2004
		8Ja7	Curlee	FW	White 1982
		8Ja65	Waddell's Mill Pond	E/MWd, FW	Tesar & Jones 2009
		8Li76	St. Stephens Church	LWd	Maymon et al. 1996
		8Li172	Otis Hare	MWd	Shockey 1991
rat snake?	<i>Elaphe</i> spp.	8Li172	Otis Hare	MWd	Shockey 1991
rattlesnake	<i>Crotalus</i> sp.	8Fr744	Van Horn Creek	Wd/FW	White 2003
reptiles	Reptilia	8Fr755	Thank-You-Ma'am Creek	LArch, FW	Parker 1994
		8Gu55	Yellow Houseboat	EWd/FW	White 1994
		8Gu56	Depot Creek	EWd	White 1994
		8Gu60	Clark Creek	EWd	White 1994
		8Ja65	Waddell's Mill Pond	E/MWd, FW	Tesar & Jones 2009
sea turtle	Cheloniidae	8Fr364	St. Vincent 5 (Pickalene)	M/LWd	White & Kimble 2017
		8Gu10	Richardson's Hammock	Wd	Quitmyer & Cannarozzi 2004
		8Gu114	Lighthouse Bayou	Lam	Quitmyer & Cannarozzi 2004
		8Ja65	Waddell's Mill Pond	E/MWd, FW	Tesar & Jones 2009
snakes	Serpentes	8Fr744	Van Horn Creek	Wd/FW	White 2003
		8Fr754	Sam's Cutoff	LArch	White 2003
		8Fr755	Thank-You-Ma'am Creek	LArch, FW	Parker 1994
		8Gu11	Black's Island	Wd/FW	Mayo 2003

NAME	BIOLOGICAL NAME	SITE #	SITE NAME	COMPONENT	REFERENCES
snapping turtle	Chelydra sp.	8Gu60	Clark Creek	EWd	White 1994
		8Ja65	Waddell’s Mill Pond	E/MWd, FW	Tesar & Jones 2009
		8Fr364	St. Vincent 5	M/LWd	White & Kimble 2017
		8Ja65	Waddell’s Mill Pond	E/MWd, FW	Tesar & Jones 2009
		8Li8	Torreya Ranger	Wd	Percy 1974
softshell turtle	Trionyx/Apalone ferox	8Li172	Otis Hare	MWd	Shockey 1991
		8Fr744	Van Horn Creek	LArch, Wd/FW	White 2003
		8Fr755	Thank-You-Ma’am Creek	LArch, FW	Parker 1994
		8Gu10	Richardson's Hammock	Wd/FW	White et al. 2002
		8Gu60	Clark Creek	EWd	White 1994
		8Gu114	Lighthouse Bayou	Lam	Quitmyer & Cannarozzi 2004
		8Ja65	Waddell’s Mill Pond	E/MWd, FW	Tesar & Jones 2009
		8Li2	Yon	FW	Brose et al. 1976
		8Li8	Torreya Ranger	Wd	Percy 1974
		8Li76	St. Stephens Church	LWd	Maymon et al. 1996
		8Li172	Otis Hare	LWd	Shockey 1991
striped mud turtle	Kinosternon bauri	9Dr10	Montgomery Fields	Paleo-LArch, MWd, LWd, Crk	White 2019
		8Gu55	Yellow Houseboat	EWd	White 1994
turtles/tortoises	Testudines	8Gu60	Clark Creek	EWd	White 1994
		8Ca142	Corbin-Tucker	FW	White 1994
		8Fr12	Huckleberry Ldg	E/MWd	Percy 1974
		8Fr14	Pierce Mounds A, B, C, H	E/MWd, FW	White 2013
		8Fr364	St. 5 (Pickalene Midden)	E/MWd	White & Kimble 2017
		8Fr744	Van Horn Creek	EWd, FW	White 1994
		8Fr755	Thank-You-Ma’am Creek	LArch, FW	Parker 1994
		8Gd13	Sycamore	LWd	Milanich 1974
		8Gu10	Richardson's Hammock	MWd, FW	Quitmyer & Cannarozzi 2004
		8Gu11	Black’s Island	Wd/FW	Mayo 2003
		8Gu56	Depot Creek	EWd	White 1994
		8Gu60	Clark Creek	EWd	White 1994
		8Gu114	Lighthouse Bayou	Lam	Quitmyer & Cannarozzi 2004
		8Ja8 (J-5)	Chattahoochee River 1	LArch, FW	Bullen 1958
		8Ja63	J-Y Field	MWd	Bullen 1958
		8Li172	Otis Hare	MWd, LWd	Shockey 1991
		8Li2	Yon	FW	Quitmyer 1997; Du Vernay 2011
		8Li76	St. Stephens Church	LWd	Maymon et al. 1996
		9Dr10	Montgomery Fields	Paleo-LArch, MWd, LWd, Crk	White 2019
		AMPHIBIANS			
bullfrog	Rana catesbeiana	8Ja65	Waddell’s Mill Pond	E/MWd, FW	Tesar & Jones 2009
pond/brown frogs	Rana sp.	8Fr755	Thank-You-Ma’am Creek	LArch, FW	Parker 1994
		8Gu60	Clark Creek	EWd	White 1994
		8Ja65	Waddell’s Mill Pond	FW, E/MWd	Tesar & Jones 2009
		8Li76	St. Stephens Church	LWd	Maymon et al. 1996
		8Li172	Otis Hare	MWd, LWd	Shockey 1991
salamander	Ambystomatidae	8Gu11	Black’s Island	Wd/FW	Mayo 2003
toads	Bufo sp.	8Li172	Otis Hare	MWd	Shockey 1991
amphibians	Amphibia	8Fr755	Thank-You-Ma’am Creek	LArch, FW	Parker 1994
		8Gu60	Clark Creek	EWd	White 1994
		8Ja65	Waddell’s Mill Pond	FW, E/MWd	Tesar & Jones 2009
FISHES					
Atlantic croaker	Micropogonias undulatus	8Fr364	St. Vincent 5	M/LWd	White & Kimble 2017
		8Fr744	Van Horn Creek	LArch, Wd/ FW	White 2003

NAME	BIOLOGICAL NAME	SITE #	SITE NAME	COMPONENT	REFERENCES
		8Fr754	Sam's Cutoff	LArch	White 2003
		8Gu10	Richardson's Hammock	Wd, FW	Quitmyer & Cannarozzi 2004
		8Gu56	Depot Creek	EWd	White 1994
bass	<i>Micropterus</i> sp.	8Gd13	Sycamore	LWd	Milanich 1974
		8Li2	Yon	FW	Kimble 2008, Du Vernay 2011
		8Li76	St. Stephens Church	LWd	Maymon et al. 1996
black crappie	<i>Pomoxis nigromaculatus</i>	8Li217	Sunstroke	FW	Quitmyer 1997
black drum	<i>Pogonias cromis</i>	8Fr364	St. Vincent 5	M/LWd	White & Kimble 2017
		8Fr744	Van Horn Creek	LArch, Wd/FW	White 2003
		8Gu10	Richardson's Hammock	FW	Quitmyer & Cannarozzi 2004
		8Gu114	Lighthouse Bayou	Lam	Quitmyer & Cannarozzi 2004
		8Li8	Torrey Ranger	Wd	Percy 1974
bony fish	<i>Osteichthys</i>	8Ca142	Corbin-Tucker	FW	White 1994
		8Fr14	Pierce Mounds	MWd	White 2013
		8Fr744	Van Horn Creek	LArch, Wd/FW	White 2003
		8Fr754	Sam's Cutoff	LArch	White 2003
		8Gu10	Richardson's Hammock	Wd, FW	Quitmyer & Cannarozzi 2004
		8Gu55	Yellow Houseboat	LArch, EWd	White 1994
		8Gu56	Depot Creek	EWd	White 1994
		8Gu60	Clark Creek	EWd	White 1994
		8Gu114	Lighthouse Bayou	FW, Lam	Quitmyer & Cannarozzi 2004
		8Ja65	Waddell's Mill Pond	FW, E/MWd	Tesar & Jones 2009
		8Li2	Yon	FW	Quitmyer 1997
bowfin	<i>Amia calva</i>	8Li76	St Stephens Church	LWd	Maymon et al. 1996
		8Fr744	Van Horn Creek	Wd/FW	White 2003
		8Gd13	Sycamore	LWd	Milanich 1974
		8Gu55	Yellow Houseboat	LArch, EWd	White 1994
		8Ja7	Curlee	FW	White 1982
		8Ja65	Waddell's Mill Pond	FW, E/MWd	Tesar & Jones 2009
		8Li2	Yon	FW	Quitmyer 1997
		8Li8	Torrey Ranger	Wd	Percy 1974
		8Li76	St. Stephens Church	LWd	Maymon et al. 1996
		8Li172	Otis Hare	MWd, LWd	Shockey 1991
boxfish	<i>Lactophrys</i> sp.	8Li217	Sunstroke	FW	Quitmyer 1997
		8Gu10	Richardson's Hammock	Wd	Quitmyer & Cannarozzi 2004
bull shark	<i>Carcharhinus leucas</i>	8Gu60	Clark Creek	EWd	White 1994
catfish	<i>Siluriformes</i>	8Fr364	St. Vincent 5	M/LWd	White & Kimble 2017
		8Gu10	Richardson's Hammock	FW	Quitmyer & Cannarozzi 2004
		8Gu114	Lighthouse Bayou	FW, Lam	Quitmyer & Cannarozzi 2004
catfish (marine)	Ariidae	8Fr71	Paradise Point	FW	Braley 1982
		8Fr364	St. Vincent 5	M/LWd	White & Kimble 2017
		8Fr744	Van Horn Creek	LArch, EWd	White 1994
		8Fr755	Thank-You-Ma'am Creek	LArch, FW	Parker 1994
		8Gu10	Richardson's Hammock	MWd, FW	White et al. 2002; Quitmyer & Cannarozzi 2004
		8Gu55	Yellow Houseboat	LArch, EWd	White 1994
		8Gu56	Depot Creek	EWd	White 1994
		8Gu60	Clark Creek	EWd	White 1994
catfish (freshwater)	<i>Ictalurus</i> sp.	8Gu114	Lighthouse Bayou	FW, Lam	Quitmyer & Cannarozzi 2004
		8Fr364	St. Vincent 5	M/LWd	White & Kimble 2017
		8Gd13	Sycamore	LWd	Milanich 1974
		8Gu114	Lighthouse Bayou	Lam	Quitmyer & Cannarozzi 2004
		8Ja7	Curlee	FW	White 1982

NAME	BIOLOGICAL NAME	SITE #	SITE NAME	COMPONENT	REFERENCES
		8Ja65	Waddell's Mill Pond	FW, E/MWd	Tesar & Jones 2009
		8Li2	Yon	FW	Quitmyer 1997; Du Vernay 2011
		8Li76	St Stephens Church	LWd	Maymon et al. 1996
		8Li172	Otis Hare	MWd, LWd	Shockey 1991
		8Li217	Sunstroke	FW	Quitmyer 1997
crappie	<i>Promoxis</i> sp.	8Li76	St. Stephens Church	LWd	Maymon et al. 1996
drum	<i>Sciaenidae</i>	8Fr14	Pierce Mound C, Cen Village	E/MWd, FW	White 2013
		8Fr20A	Mound Near Apalachicola/ East Village	MWd	White 2013
		8Fr21/14	Cemetery Mound/Pierce East Village	E/MWd	White 2013
		8Fr71	Paradise Point	FW	Braley 1982
		8Fr364	St. Vincent 5	M/LWd	White & Kimble 2017
		8Gu11	Black's Island	Wd/FW	Mayo 2003
flounder	<i>Paralichthys</i> sp.	8Fr364	St. Vincent 5	Wd	White & Kimble 2017
		8Gu10	Richardson's Hammock	Wd, FW	Quitmyer & Cannarozzi 2004
		8Gu114	Lighthouse Bayou	FW, Lam	Quitmyer & Cannarozzi 2004
gafftopsail catfish	<i>Bagre marinus</i>	8Fr364	St. Vincent 5	M/LWd	White & Kimble 2017
		8Fr744	Van Horn Creek	LArch, Wd/FW	White 2003
		8Fr754	Sam's Cutoff	LArch	White 2003
		8Fr755	Thank-You-Ma'am Creek	LArch, FW	Parker 1994
		8Gu10	Richardson's Hammock	FW	Quitmyer & Cannarozzi 2004
		8Gu55	Yellow Houseboat	LArch, EWd	White 1994
		8Gu114	Lighthouse Bayou	Lam	Quitmyer & Cannarozzi 2004
gar	<i>Lepisosteidae</i>	8Ca142	Corbin-Tucker	FW	White 1994
		8Fr14	Pierce Central Village	MWd, FW	White 2013
		8Fr20A	Mound Near Apalachicola/ East Village	MWd	White 2013
		8Fr21	Cemetery Mound/Pierce East Village	E/MWd	White 2013
		8Fr71	Paradise Point	LWd	Braley 1982
		8Fr364	St. Vincent 5	M/LWd	White & Kimble 2017
		8Fr744	Van Horn Creek	LArch, Wd/FW	White 2003
		8Fr754	Sam's Cutoff	LArch	White 2003
		8Fr755	Thank-You-Ma'am Creek	LArch, FW	Parker 1994
		8Gu10	Richardson's Hammock	FW	Quitmyer & Cannarozzi 2004
		8Gu11	Black's Island	Wd/FW	Mayo 2003
		8Gu55	Yellow Houseboat	LArch, EWd	White 1994
		8Gu56	Depot Creek	EWd	White 1994
		8Gu60	Clark Creek	EWd	White 1994
		8Ja65	Waddell's Mill Pond	FW, E/MWd	Tesar & Jones 2009
		8Li2	Yon	FW	Brose et al. 1976; Du Vernay 2011
		8Li8	Torrey Ranger	Wd	Percy 1974
		8Li76	St. Stephens Church	LWd	Maymon et al. 1996
		8Li172	Otis Hare	MWd, LWd	Shockey 1991
		8Li217	Sunstroke	FW	Quitmyer 1997
hardhead catfish	<i>Ariopsis/Arius felis</i>	8Fr364	St. Vincent 5	M/LWd	White & Kimble 2017
		8Fr744	Van Horn Creek	LArch, Wd/FW	White 2003
		8Fr754	Sam's Cutoff	LArch	White 2003
		8Fr755	Thank-You-Ma'am Creek	LArch, FW	Parker 1994
		8Gu10	Richardson's Hammock	MWd, FW	Quitmyer & Cannarozzi 2004
		8Gu114	Lighthouse Bayou	FW, Lam	Quitmyer & Cannarozzi 2004
herring	<i>Clupeidae</i>	8Fr364	St. Vincent 5	M/LWd	White & Kimble 2017

NAME	BIOLOGICAL NAME	SITE #	SITE NAME	COMPONENT	REFERENCES
jack crevalle	<i>Caranx hippos</i>	8Gu56	Depot Creek	EWd	White 1994
		8Fr744	Van Horn Creek	LArch, Wd/FW	White 2003
		8Fr754	Sam's Cutoff	LArch	White 2003
		8Fr755	Thank-You-Ma'am Creek	LArch, FW	Parker 1994
		8Gu10	Richardson's Hammock	MWd, FW	Quitmyer & Cannarozzi 2004
jacks	<i>Carangidae</i>	8Li8	Torrey Ranger	Wd	Percy 1974
		8Fr364	St. Vincent 5	M/LWd	White & Kimble 2017
		8Gu10	Richardson's Hammock	MWd, FW	Quitmyer & Cannarozzi 2004
killifish	<i>Fundulus?</i>	8Gu11	Black's Island	Wd/FW	Mayo 2003
lady fish	<i>Elops saurus</i>	8Fr364	St. Vincent 5	M/LWd	White & Kimble 2017
		8Fr744	Van Horn Creek	LArch, Wd/FW	White 2003
		8Gu10	Richardson's Hammock	MWd, FW	Quitmyer & Cannarozzi 2004
lake chubsucker	<i>Erimyzon sucetta</i>	8Li2	Yon	FW	Kimble 2008; Du Vernay 2011
largemouth bass	<i>Micropterus salmoides</i>	8Ja65	Waddell's Mill Pond	FW, E/MWd	Tesar & Jones 2009
		8Li172	Otis Hare	MWd, LWd	Shockey 1991
menhaden	<i>Brevoortia</i>	8Fr744	Van Horn Creek	Wd/FW	White 2003
mullet	<i>Mugil sp.</i>	8Fr364	St. Vincent 5	M/LWd	White & Kimble 2017
		8Fr744	Van Horn Creek	LArch, Wd/FW	White 2003
		8Gu10	Richardson's Hammock	Wd, FW	Quitmyer & Cannarozzi 2004
		8Gu11	Black's Island	Wd/FW	Mayo 2003
		8Gu60	Clark Creek	EWd	White 1994
		8Gu114	Lighthouse Bayou	FW, Lam	Quitmyer & Cannarozzi 2004
		8Li2	Yon	FW	Quitmyer 1997
oyster toadfish	<i>Opsanus sp.</i>	8Gu10	Richardson's Hammock	MWd, FW	Quitmyer & Cannarozzi 2004
perch-like fish	Perciformes	8Fr744	Van Horn Creek	LArch	White 2003
pike	<i>Esox sp.</i>	8Li172	Otis Hare	MWd	Shockey 1991
porcupine fishes/puffers	<i>Diodontidae</i>	8Fr364	St. Vincent 5	Wd	White & Kimble 2017
porgies	<i>Sparidae</i>	8Fr364	St. Vincent 5	M/LWd	White & Kimble 2017
		8Gu10	Richardson's Hammock	FW	Quitmyer & Cannarozzi 2004
		8Gu114	Lighthouse Bayou	Lam	Quitmyer & Cannarozzi 2004
porgies/drums	<i>Sparidae/Sciaenidae</i>	8Fr14	Pierce Mound C, Cen Village	MWd	White 2013
		8Fr20A	Mound Near East Village	MWd	White 2013
		8Fr744	Van Horn Creek	LArch, Wd/FW	White 2003a
		8Gu10	Richardson's Hammock	MWd, FW	Quitmyer & Cannarozzi 2004
		8Gu55	Yellow Houseboat	LArch, EWd	White 1994
		8Gu56	Depot Creek	EWd	White 1994
		8Gu60	Clark Creek	EWd	White 1994
		8Gu114	Lighthouse Bayou	FW, Lam	Quitmyer & Cannarozzi 2004
puffer/burrfish	<i>Chilomycteris sp.</i>	8Gu10	Richardson's Hammock	Wd	Quitmyer & Cannarozzi 2004
rays, skates	Batoidea, Rajiformes	8Fr71	Paradise Point	FW	Braley 1982
		8Gu10	Richardson's Hammock	FW	Quitmyer & Cannarozzi 2004
		8Gu56	Depot Creek	EWd	White 1994
ray-finned fishes	<i>Actinopterygii</i>	8Fr364	St. Vincent 5	M/LWd	White & Kimble 2017
red drum	<i>Sciaenops ocellata</i>	8Fr364	St. Vincent 5	M/LWd	White & Kimble 2017
		8Fr744	Van Horn Creek	LArch, Wd/FW	White 2003
		8Fr754	Sam's Cutoff	LArch	White 2003
		8Gu60	Clark Creek	EWd	White 1994
redeer sunfish/ bream/ shellcracker	<i>Lepomis microlophus</i>	8Gd13	Sycamore	LWd	Milanich 1974
		8Ja65	Waddell's Mill Pond	FW, E/MWd	Tesar & Jones 2009
		8Li76	St. Stephens Church	LWd	Maymon et al.1996
		8Li172	Otis Hare	MWd, LWd	Shockey 1991
		8Li217	Sunstroke	FW	Quitmyer 1997
redfish	<i>Sciaenops ocellatus</i>	8Fr364	St. Vincent 5	M/LWd	White & Kimble 2017

NAME	BIOLOGICAL NAME	SITE #	SITE NAME	COMPONENT	REFERENCES
requiem sharks	<i>Carcharhinidae</i>	8Fr744	Van Horn Creek	Wd/FW	White 2003
		8Li2	Yon	FW	Brose et al. 1976
sand seatrout	<i>Cynoscion arenarius</i>	8Gu60	Clark Creek	EWd	White 1994
sawfish	<i>Pristis</i> sp.	8Fr754	Sam’s Cutoff	LArch	White 2003
sea urchin	Echinoidea	8Gu11	Black’s Island	Wd/FW	Mayo 2003
seatrout	<i>Cynoscion</i> sp.	8Fr364	St. Vincent 5	M/LWd	White & Kimble 2017
		8Gu10	Richardson's Hammock	FW	Quitmyer & Cannarozzi 2004
		8Gu55	Yellow Houseboat	LArch, EWd	White 1994
		8Gu56	Depot Creek	EWd	White 1994
		8Gu60	Clark Creek	EWd	White 1994
sheepshead	<i>Archosargus probatocephalus</i>	8Fr364	St. Vincent 5	M/LWd	White & Kimble 2017
		8Fr744	Van Horn Creek	LArch, Wd/FW	White 2003
		8Fr754	Sam’s Cutoff	LArch	White 2003
		8Fr755	Thank-You-Ma’am Creek	LArch, FW	Parker 1994
		8Gu10	Richardson's Hammock	MWd, FW	Quitmyer & Cannarozzi 2004
		8Gu11	Black’s Island	Wd/FW	Mayo 2003
		8Gu114	Lighthouse Bayou	FW, Lam	Quitmyer & Cannarozzi 2004
snapper	<i>Lutjanus</i> sp.	8Fr744	Van Horn Creek	Wd/FW	White 2003
spot croaker	<i>Leiostomus xanthurus</i>	8Fr744	Van Horn Creek	LArch	White 2003
		8Gu10	Richardson's Hammock	Wd	Quitmyer & Cannarozzi 2004
spotted seatrout	<i>Cynoscion nebulosus</i>	8Fr744	Van Horn Creek	LArch	White 2003
sucker	Catostomidae	8Li172	Otis Hare	MWd	Shockey
		8Li217	Sunstroke	FW	Quitmyer 1997
sucker	<i>Moxostoma</i> sp.	8Gd13	Sycamore	LWd	Milanich 1974
		8Li217	Sunstroke	FW	Quitmyer 1997
sunfish	Centrarchidae/ <i>Lepomis</i> sp.	8Fr744	Van Horn Creek	LArch, Wd/FW	White 2003
		8Li2	Yon	FW	Kimble 2008; Du Vernay 2011
		8Li76	St Stephens Church	LWd	Maymon et al. 1996
		8Li172	Otis Hare	MWd, LWd	Shockey 1991
		8Li217	Sunstroke	FW	Quitmyer 1997
CRUSTACEANS					
barnacles	Maxillopoda	8Fr744	Van Horn Creek	LArch	White 2003
		8Fr754	Sam’s Cutoff	LArch	White 2003
		8Fr755	Thank-You-Ma’am Creek	LArch, FW	Parker 1994
		8Gu56	Depot Creek	EWd	White 1994
		8Gu60	Clark Creek	EWd	White 1994
crab	Decapoda	8Fr364	St. Vincent 5	M/LWd	White & Kimble 2017
		8Fr755	Thank-You-Ma’am Creek	LArch, FW	Parker 1994
crab	Malacostraca	8Gu10	Richardson's Hammock	MWd? FW?	Quitmyer & Cannarozzi 2004
blue crab	<i>Callinectes</i> sp	8Fr364	St. Vincent 5	M/LWd	White & Kimble 2017
stone crab	<i>Xancidae</i>	8Ja65	Waddell’s Mill Pond	Wd, FW	Tesar & Jones 2009
MOLLUSKS: BIVALVES					
American bittersweet	<i>Glycymeris americana</i>	8Fr14	Pierce Mound A	E/MWd	Moore 1902; Percy 1974
angelwing/piddock	<i>Pholadidae</i>	8Fr754	Sam’s Cutoff	LArch	White 2003
angelwing clam	<i>Cyrtopleura costata</i>	8Gu10	Richardson's Hammock	Wd/FW	White et al. 2002
Apalachicola ebonyshell	<i>Reginaia/Fusconaia apalachicola</i>	1Ho26	Omussee Creek Park/village	FW	Williams & Fradkin 1999; Williams et al. 2008
		8Gd13	Sycamore	LWd	Williams & Fradkin 1999
		8Ja104	Scholz Steam Plant	MWd	Williams & Fradkin 1999
		8Li76	St Stephens Church	LWd	Williams & Fradkin 1999
		8Li217	Sunstroke	FW	J.Williams, pers comm 2005
ark clam	<i>Arcidae</i>	8Fr364	St. Vincent 5	M/LWd	White & Kimble 2017

NAME	BIOLOGICAL NAME	SITE #	SITE NAME	COMPONENT	REFERENCES
		8Gu10	Richardson's Hammock	Wd/FW	White et al. 2002
Atlantic giant cockle	<i>Dinocardium robustum</i>	8Fr14	Pierce Mounds East Village	MWd	White 2013
		8Fr71	Paradise Point	FW	Braley 1982
		8Gu10	Richardson's Hammock	MWd, FW	White et al. 2002; Quitmyer & Cannarozzi 2004
Atlantic ribbed mussel	<i>Geukensia demissa</i>	8Fr364	St. Vincent 5	M/LWd	White & Kimble 2017
		8Gu60	Clark Creek	EWd	White 1994
bay scallop	<i>Argopecten irradians</i>	8Gu10	Richardson's Hammock	FW	Quitmyer & Cannarozzi 2004
brother spike	<i>Elliptio fraterna</i>	8Ja8 (J-5)	Chattahoochee River 1	LArch	Bullen 1958; Percy 1974
brown-line latirus	<i>Polygona/Latirus infundibulum</i>	8Gu10	Richardson's Hammock	Wd/FW	White et al. 2002
cockle	<i>Cardiidea</i>	8Fr755	Thank-You-Ma'am Creek	LArch, FW	Parker 1994
		8Gu11	Black's Island	Wd/FW	Mayo 2003
		8Gu229	Wildfire	FW, Lam	Novell & White 2013
		8Ja56	Rock Shelter	E/MWd	Bullen 1949
cockle	<i>Papyridea soleniformes</i>	8Fr364	St. Vincent 5	EWd, MWd	White & Kimble 2017
cross-barred venus	<i>Chione cancellata</i>	8Gu2	Gotier Hammock	MWd	White 2010
		8Gu10	Richardson's Hammock	Wd/FW	White et al. 2002
		8Gu11	Black's Island	Wd/FW	Mayo 2003
eastern oyster	<i>Crassostrea virginica</i>	8Fr1	Porter's Bar Mound, midden	E/MWd	Moore 1902; Knigge 2018
		8Fr9	Nine Mile Point	LArch, Wd	FL site file
		8Fr10	Eleven Mile Point	EWd thru FW	FL site file
		8Fr11	Green Point Mound, midden	MWd	Moore 1902; Percy 1974; Knigge 2018
		8Fr13	Five Mile Point	FW	FL site file
		8Fr14	Pierce Mounds A, B, C, D, H, and Village	E/MWd, FW	White 2013
		8Fr16	Singer Mound	Wd	White 2013
		8Fr17	[no name]	EWD, MWd?	FL site file
		8Fr20A, B	Mound near Apalachicola/E Village	MWd	White 2013
		8Fr21	Cemetery Mound/E Village	E/MWd	White 2013
		8Fr24	St. George West	FW	FL site file
		8Fr27	New Pass	FW, Lam	Tesar 2010
		8Fr55	Eight Mile Point	Arch thru LWd	FL site file
		8Fr59	[no name]	LArch, M-LWd	FL site file
		8Fr60	Sportsman's Motel	FW, Lam	FL site file
		8Fr71	Paradise Point	LWd, FW	Braley 1982
		8Fr73	North Ridge	Wd?	Carr 1975
		8Fr352	St. Vincent Ferry	MWd, FW, Lam	White & Kimble 2017
		8Fr354	St. Vincent Point	MWd, LWd, FW	White & Kimble 2017
		8Fr356	Big Bayou 1	Wd?	White & Kimble 2017
		8Fr357	Big Bayou 2	FW	White & Kimble 2017
		8Fr358	Headquarters Marsh	Wd	Miller et al. 1980
		8Fr360	St. Vincent 1	LArch thru FW	White & Kimble 2017
		8Fr361	St. Vincent 2	LArch thru FW	White & Kimble 2017
		8Fr362	St. Vincent 3	Wd	White & Kimble 2017
		8Fr363	St. Vincent 4	LArch, MWd?	White & Kimble 2017
		8Fr364	St. Vincent 5	M-LWd, FW	White & Kimble 2017
		8Fr365	St. Vincent 6	LArch thru Crk	White & Kimble 2017
		8Fr366	St. Vincent 7	MWd, FW	White & Kimble 2017
		8Fr367	St. Vincent 8	E-MWd	White & Kimble 2017
		8Fr368	St. Vincent 9	FW	White & Kimble 2017
		8Fr369	St. Vincent 10	FW, Lam? Crk?	White & Kimble 2017

NAME	BIOLOGICAL NAME	SITE #	SITE NAME	COMPONENT	REFERENCES
		8Fr370	St. Vincent 11	MWd	White & Kimble 2017
		8Fr744	Van Horn Creek	LArch, EWd	White 1994, 2003
		8Fr745	Hendrix 2	Wd?	FL site file
		8Fr746	Pilot's Cove	Wd?	FL site file
		8Fr754	Sam's Cutoff	LArch	White 2003
		8Fr755	Thank-you-ma'am Creek	LArch, FW	Parker 1994
		8Fr757	Carmichael	FW	Henefield & White 1986
		8Fr759	Gardner Landing	LArch? Wd?	Henefield & White 1986
		8Fr804	Cape St. George/Hendrix 1	FW	FL site file
		8Fr806	Gardner Landing Shell Md	LArch-Wd, FW?	FL site file
		8Fr809	Jack Dodd's	Wd?	FL site file
		8Fr834	Nagel 3	Arch? FW	FL site file
		8Fr840	Rattlesnake Cove	FW	FL site File
		8Fr848	Harry A's North	Wd?	White 1996a
		8Fr854	Two Mile	LArch, Wd?	White 1996a
		8Fr855	Ten-&-a-half-mile	FW	White 1996a
		8Fr858	Bay City Lodge	Wd?	White 1996a
		8Fr859	Breakaway Marina	Wd?	White 1996a
		8Fr869	Turtle Kill	FW?	FL site file
		8Fr888	Cape St. George East	LWd, FW	White 1996a
		8Fr908	4-Turtle	LArch, Wd?	FL site file
		8Fr915	Millender Tract	FW	FL site file
		8Fr1265	Big Bayou South	LWd, FW	White & Kimble 2017
		8Gu2	Gotier Hammock	MWd, FW	White 2010
		8Gu10	Richardson's Hammock	Wd, FW	White et al. 2002; Quitmyer & Cannarozzi 2004
		8Gu11	Black's Island	Wd/FW	Mayo 2003
		8Gu53	Former Mound	?	Henefield & White 1986
		8Gu56	Depot Creek	EWd	White 1994
		8Gu60	Clark Creek	EWd	White 1994
		8Gu114	Lighthouse Bayou	FW, Lam	Quitmyer & Cannarozzi 2004
elephant ear	<i>Elliptio crassidens</i>	1Ho27/101	Omusee Creek Mound, village	FW	Blitz & Lorenz 2006; Williams et al. 2008
		8Gd13	Sycamore	LWd	Williams et al. 2014
		8Ja8 (J-5)	Chattahoochee River 1	LArch	Bullen 1958; Percy 1974
		8Ja63	J-Y Field	MWd	Bullen 1958, Percy 1974
		8Ja104	Scholz Steam Plant	MWd	Percy 1976; Williams et al. 2014
		8Li2	Yon	FW	Kimble 2008
		8Li76	St. Stephens Church	LWd	Williams et al. 2014
		8Li172	Otis Hare	MWd	Williams et al. 2014
Elliptio freshwater mussels	<i>Elliptio</i> sp.	8Ca142	Corbin-Tucker	FW	White 1994
		8Ja104	Scholz Steam Plant	MWd	Percy 1976
		8Li2	Yon	FW	Kimble 2008
		8Li8	Torreyia	LWd	Percy 1974
		8Li76	St. Stephens Church	LWd	Maymon et al. 1996
		8Li217	Sunstroke	FW	Quitmyer 1997
Elliptio freshwater mussel	<i>Elliptio strigosa</i>	8Gd13	Sycamore	LWd	Milanich 1974
fat threeridge	<i>Amblema neislerii</i>	8Gd13	Sycamore	LWd	Milanich 1974; Williams et al. 2014
		8Ja63	J-Y Field	MWd	Bullen 1958; Percy 1974
		8Ja104	Scholz Steam Plant	MWd	Williams et al. 2014
		8Li76	St. Stephens Church	LWd	Williams et al. 2014
		8Li172	Otis Hare	MWd	Williams et al. 2014

NAME	BIOLOGICAL NAME	SITE #	SITE NAME	COMPONENT	REFERENCES
Florida sandshell	<i>Lampsilis floridensis</i>	8Gd13	Sycamore	LWd	Williams et al. 2014
		8Ja63	J-Y Field	MWd	Bullen 1958
		8Li76	St. Stephens Church	LWd	Williams et al 2014
		8Li172	Otis Hare	MWd	Williams et al 2014
Florida prickly cockle	<i>Trachycardium egmontianum</i>	8Gu10	Richardson's Hammock	FW	White et al. 2002
Florida shiny spike	<i>Elliptio buckleyi</i>	8Li172	Otis Hare	MWd	Shockey 1991
freshwater mussels	<i>Fusconaia sp.</i>	1Ho27/101	Omusee Creek	FW	Williams et al. 2014
		8Gd13	Sycamore	LWd	J. Williams pers comm 1997
		8Ja104	Scholz Steam Plant	MWd	J. Williams pers comm 1997
		8Li76	St. Stephens Church	LWd	Maymon et al. 1996
freshwater mussels	<i>Lampsilis sp.</i>	8Li76	St. Stephens Church	LWd	Maymon et al. 1996
freshwater mussel	<i>Megalonaias</i>	8Li8	Torrey	LWd	Percy 1974
freshwater mussels	<i>Obovaria sp.</i>	8Li217	Sunstroke	FW	Quitmyer 1997
freshwater mussels	<i>Plectomerus sp.</i>	8Li217	Sunstroke	FW	Quitmyer 1997
freshwater mussel	<i>Quadrula mortoni</i>	8Ja8 (J-5)	Chattahoochee River 1	LArch	Bullen 1958; Percy 1974
freshwater mussel	<i>Quincuncina/Fusconaia burkei</i>	8Gd13	Sycamore	LWd	Milanich 1974
		8Ja104	Scholz Steam Plant	MWd	Percy 1976
freshwater mussels	<i>Unionidae</i>	1Ho26/27/101	Omusee Creek mound, village	FW, Lam	Blitz & Lorenz 2006; Schieffer 2013
		1Ho60	[no name]	FW	Schieffer 2013
		1Ho309	Oakley	EWd	Schieffer 2013
		8Ca10	Parish Lake	LWd	FL site file
		8Ca31	Jumping Fish	LWd?	FL site file
		8Ca62	Turning Point	FW	Henefield & White 1986
		8Ca131	Frozen Bluff	Wd?	White & Trauner 1987
		8Ca133	Horseshoe Crab	Wd?	White & Trauner 1987
		8Ca142	Corbin-Tucker	FW	White 1994
		8Gd1	Aspalaga L&ing	MWd	FL site file
		8Gd13	Sycamore	LWd	J. Williams pers comm 1997
		8Gu50	Doug Birmingham	MWd, LWd?	White 2011b
		8Ja5 (J-2)	Jim Woodruff	EWd thru Crk	Bullen 1950; White 1981
		8Ja7	Curlee	LWd, FW	White 1982
		8Ja8 (J-5)	Chattahoochee River 1	FW	Bullen 1958
		8Ja19 (J-17)	Butler	Wd	Bullen 1959; White 1981
		8Ja41 (J-39)	Walnut Ridge	LWd?	Bullen 1959; White 1981
		8Ja42 (J-40)	Leslie/Buena Vista L&ing	Arch, LWd?	Bullen 1950; White 1981
		8Ja56	Rock Shelter	E/MWd	Percy 1974
		8Ja201	Scholz Parking Lot	FW	Brose & Wilkie 1980
		8Ja204	Arnold's Soybean Field	EArch, MWd	White 1981
		8Ja214	Cox Plantation	Arch?	FL site file
		8Ja221	Blue Worm	Wd	White 1981
		8Ja225	Godwin Lake	MWd	White 1981
		8Ja233	Mercer	EArch, M-LWd	White 1981
		8Ja249	Rowan	LWd	White 1981
		8Ja253	ACI Boat L&ing	MWd	White 1981
		8Ja261	Prison Hill West	Wd?	White 1981
		8Ja387	Hornsville	MWd, LWd	FL site file
		8Ja411	Curtis Lee #2	Arch, LArch, MWd, LWd	FL site file
		8Ja413	Castle Root	FW	FL site file
		8Li54	[no name]	Wd?	Percy & Jones 1976
		8Li56	Garden of Eden	LArch	Percy & Jones 1976
		8Li136	Outside Lake	MWd?	FL site file
		8Li165	Lower Green Houseboat	EWd?	FL site file

NAME	BIOLOGICAL NAME	SITE #	SITE NAME	COMPONENT	REFERENCES
		8Li166	Velvet Ant	Wd?	FL site file
		8Li172	Otis Hare	MWd, LWd	Shockey 1991
		8Li217	Sunstroke	FW	Quitmyer 1997
		9Dr7	White Springs	Wd	White 1981
		9Dr10	Montgomery Fields	Paleo-LArch, MWd, LWd, Crk	White 2019
		9Dr12	Sandy Ridge	MWd, LWd?	White 1981
		9Dr15	Hale's Landing	M-LWd	White 1981
		9Dr19	Four Mile Creek	MWd?	White 1981
		9Dr23/59	Shackleford Springs	Wd	White 1981
		9Dr25	Bowers	LWd?	White 1981
		9Dr26/68	[no name]	MWd	White 1981
		9Dr27	[no name]	MWd	White 1981
		9Dr118	Housing Development	LWd?	White 1981
		9Dr183	Christopher	Wd	White 1981
		9Er54	Andrews Dam	Wd	Belovich et al. 1982
		9Se3	Butler's Ferry Landing	Arch, LWd? FW, Crk	White 1981
		9Se10	Whaley's Mill	LArch, EWd	White 1981
		9Se12	Turkey Mound	Wd?	White 1981
		9Se13	Bird Field	LArch, Wd	White 1981
		9Se14	Fairchild's Landing	MWd	Caldwell et al. 2014
		9Se15	Old Rambo Landing	FW	White 1981
		9Se17	Cummings Field	MWd?	White 1981
		9Se22	Gaulding's Landing	Wd?	White 1981
		9Se27	Underwater Indian Mound	Arch thru Crk	White 1981
		9Se32	SBSY	MWd? LWd?	White 1981
		9Se33	Hare's Landing	MWd	Caldwell et al. 2014
		9Se77	One Mile	Arch, MWd? Lam, Crk	White 1981
		9Se89	Ranger Station	LWd?	White 1981
		9Se103	Stubble Field	LWd?	White 1981
		9Se106	Bartow's Landing	E-MWd, FW, Crk	White 1981
Gulf moccasinshell	<i>Medionidus penicillatus</i>	8Li76	St. Stephens Church	LWd	Williams et al. 2014
		8Li172	Otis Hare	MWd	Williams et al. 2014
Gulf slabshell	<i>Elliptio fumata</i>	1Ho26	Omussee Creek village	FW	Williams et al. 2008
		8Gd13	Sycamore	LWd	Williams et al. 2014
Gulf spike	<i>Elliptio pullata</i>	1Ho26	Omussee Creek village	FW	Williams et al. 2008
		8Li76	St. Stephens Church	LWd	Williams et al. 2014
hooked mussel	<i>Ischadium recurvum</i>	8Fr744	Van Horn Creek	LArch	White 2003
		8Fr754	Sam's Cutoff	LArch	White 2003
incongruous ark	<i>Anadara brasiliana</i>	8Fr364	St. Vincent 5	M/LWd	White & Kimble 2017
jingle shell	<i>Anomia simplex</i>	8Gu10	Richardson's Hammock	Wd/FW	White et al. 2002
little spectaclecase	<i>Villosa lienosa</i>	8Gd13	Sycamore	LWS	Williams et al. 2014
		8Ja104	Scholz Steam Plant	MWd	Williams et al. 2014
		8Li76	St. Stephens Church	LWd	Williams et al. 2014
marine clams	<i>Crassatellidae</i>	8Gu60	Clark Creek	EWd	White 1994
marsh clam	<i>Polymesoda sp.</i>	8Fr14	Pierce Mound H, E Village	MWd, FW	White 2013
		8Fr16	Singer Mound	Wd	White 2013
		8Fr20A	Mound near Apalachicola/E Village	MWd	White 2013
		8Fr21	Cemetery Mound/Pierce E Village	E/MWd	White 2013
		8Fr744	Van Horn Creek	LArch, Wd/FW	White 2003
		8Fr754	Sam's Cutoff	LArch	White 2003

NAME	BIOLOGICAL NAME	SITE #	SITE NAME	COMPONENT	REFERENCES
oval pigtoe	<i>Pleurobema pyriforme</i>	8Fr755	Thank-You-Ma'am Creek	LArch, FW	Parker 1994
		1Ho26	Omusee Creek village	FW	Williams et al. 2008
		8Gd13	Sycamore	LWd	Williams et al. 2014
		8Ja104	Scholz Steam Plant	MWd	Percy 1976
		8Li2	Yon	FW	Kimble 2008
pear whelk	<i>Busycon spiratum</i>	8Gu56	Depot Creek	EWd	White 1994
pen shell	<i>Atrina</i> sp.	8Gu10	Richardson's Hammock	FW	Quitmyer & Cannarozzi 2004; White et al. 2002
ponderous ark	<i>Noetia ponderosa</i>	8Ja65	Waddell's Mill Pond	FW	Tesar & Jones 2009
purple bankclimber	<i>Elliptoideus sloatianus</i>	1Ho26	Omusee Creek village	FW	Williams et al. 2008
		8Ja8 (J-5)	Chattahoochee River 1	LArch	Bullen 1958; Percy 1974
		8Ja104	Scholz Steam Plant	MWd	Percy 1976; Williams et al. 2014
		8Li76	St. Stephens Church	LWd	Williams et al. 2014
		8Li172	Otis Hare	MWd	Williams et al. 2014
quahog (Venus) clam	<i>Mercenaria campechiensis</i>	8Fr11	Green Point Mound/midden	MWd	Moore 1902; Percy 1974
		8Fr14	Pierce Mounds	MWd?	Moore 1902; White 2013
		8Fr365	St. Vincent 5	M/LWd	White & Kimble 2017
		8Fr744	Van Horn Creek	LArch	White 2003
		8Fr755	Thank-You-Ma'am Creek	LArch, FW	Parker 1994
		8Gu1	Indian Pass Mound	MWd	FL site file
		8Gu10	Richardson's Hammock	Wd/FW	White et al. 2002
		8Gu11	Black's Island	Wd/FW	Mayo 2003
		8Gu20 (12)	Conch Island	MWd/FW	FL site file
		8Gu56	Depot Creek	EWd	White 1994
		8Ja56	Rock Shelter	E/MWd	Bullen 1949
		8Ja65	Waddell's Mill Pond	FW	Tesar & Jones 2009
quick gloss	<i>Zonitoides arboreus</i>	8Fr744	Van Horn Creek	LArch, Wd/FW	White 2003
		8Ja104	Scholz Steam Plant	MWd	Percy 1976
rangia/marsh clam	<i>Rangia cuneata</i>	8Fr12	Huckleberry Landing	E/MWd	Glowacki & White 2005
		8Fr14	Pierce Mounds A, B, C, D, H	MWd	White 2013
		8Fr16	Singer Mound	Wd	White 2013
		8Fr20A	Mound Near Apalachicola	MWd	White 2013
		8Fr20B	Shell Mound near Mound Near Apalachicola	Wd	White 2013
		8Fr21	Cemetery Mound/E Village	E/MWd	White 2013
		8Fr71	Paradise Point	FW	Braley 1982
		8Fr77	Jackson Midden	MWd	White 2013
		8Fr370	St. Vincent 11 Site	M/LWd	White & Kimble 2017
		8Fr744	Van Horn Creek	LArch, EWd	White 1994, 2003
		8Fr754	Sam's Cutoff	LArch	White 2003
		8Fr755	Thank-You-Ma'am Creek	LArch, FW	Parker 1994
		8Fr806	Gardner Landing Shell Md	LArch-Wd, FW?	FL site file
		8Fr856	Sneads Hammock	EWd	White 1996a
		8Fr858	Bay City Lodge	Wd?	White 1996a
		8Fr859	Breakaway Marina	Wd?	White 1996a
		8Fr864	Sand Beach Hammock	LArch, MWd	White 1999b
		8Fr948	Little Huckleberry Creek	Wd	Glowacki & White 2005
		8Fr957	Huckleberry Landing West	Wd?	Glowacki & White 2005
		8Gd1	Aspalaga Landing Mounds	E/MWd	Percy 1974 (mistaken id?)
		8Gu10	Richardson's Hammock	FW	White et al. 2002; Quitmyer & Cannarozzi 2004
		8Gu54	Six Palms	LArch, M/LWd?	Henefield & White 1986
		8Gu55	Yellow Houseboat	LArch, EWd	White 1994

NAME	BIOLOGICAL NAME	SITE #	SITE NAME	COMPONENT	REFERENCES
		8Gu56	Depot Creek	EWd	White 1994
		8Gu57	Lake Wimico SE	MWd	Henefield & White 1986
		8Gu60	Clark Creek	EWd	White 1994
		8Gu105	Lake Wimico NW	EWd, MWd	White 1999b
rose cockle?	<i>Trachycardium</i> sp.	8Ja65	Waddell's Mill Pond	FW	Tesar & Jones 2009
round hickorynut	<i>Obovaria subrotunda</i>	8Ca142	Corbin-Tucker	FW	White 1994
round pearlshell	<i>Glebulia rotundata</i>	8Gd13	Sycamore	LWd	Milanich 1974
round ebonyshell	<i>Fusconaia rotulata</i>	8Li76	St. Stephens Church	LWd	Maymon et al. 1996
round washboard	<i>Megaloniaias boykiniana</i>	8Ja104	Scholz Steam Plant	MWd	Percy 1976
saltwater mussel	Mytilidae	8Fr71	Paradise Point	FW	Braley 1982
		8Fr744	Van Horn Creek	LArch	White 1994, 2003
		8Fr754	Sam's Cutoff	LArch	White 2003
		8Gu60	Clark Creek	EWd	White 1994
scallop	Pectinidae	8Fr14	Pierce Central Village	MWd	White 2013
		8Gu10	Richardson's Hammock	Wd/FW	White et al. 2002
		8Gu11	Black's Island	Wd/FW	Mayo 2003
		8Gu20 (12)	Conch Island	MWd/FW	FL site file
		8Gu56	Depot Creek	EWd	White 1994
		8Gu229	Wildfire	FW, Lam	Novell & White 2013
		8Ja56	Rock Shelter	E/MWd	Percy 1974
		8Ja65	Waddell's Mill Pond	MW, FW	Tesar & Jones 2009
sculptured pigtoe	<i>Quadrula/Quincuncina infucata/securiformis</i>	1Ho26	Omusee Creek	FW	Williams et al. 2008
		8Gd13	Sycamore	LWd	Milanich 1974; Williams et al. 2014
		8Ja8 (J-5)	Chattahoochee River 1	LArch	Bullen 1958; Percy 1974
		8Ja104	Scholz Steam Plant	MWd	Percy 1976; Williams et al. 2014
		8Li76	St. Stephens Church	LWd	Williams et al. 2014
		8Li176	Otis Hare	MWd	Williams et al. 2014
shiny-rayed pocketbook	<i>Hamiota [Lampsilis] subangulata</i>	8Ja8 (J-5)	Chattahoochee River 1	LArch	Bullen 1958; Percy 1974
southern fatmucket	<i>Lampsilis straminea</i>	8Ja104	Scholz Steam Plant	MWd	Williams et al. 2014
		8Li76	St. Stephens Church	LWd	Williams et al. 2014
		8Li172	Otis Hare	MWd	Williams et al. 2014
southern rainbow	<i>Villosa vibex</i>	8Gd13	Sycamore	LWd	Williams et al. 2014
striate piddock	<i>Martesia striata</i>	8Fr744	Van Horn Creek	LArch	White 2003
		8Fr754	Sam's Cutoff	LArch	White 2003
sunray venus clam	<i>Macrocallista nimbosa</i>	8Fr744	Van Horn Creek	Wd/FW	White 1994, 2003
		8Fr754	Sam's Cutoff	LArch	White 2003
		8Fr755	Thank-You-Ma'am Creek	LArch, FW	Parker 1994
		8Gu10	Richardson's Hammock	Wd, FW	White et al. 2002; Quitmyer & Cannarozzi 2004
		8Ja65	Waddell's Mill Pond	FW	Tesar & Jones 2009
		8Li172	Otis Hare	MWd	Williams et al. 2014
surf clams	<i>Macridae</i>	8Gu55	Yellow Houseboat	LArch, EWd	White 1994
threeridge	<i>Amblema plicata/perplicata</i>	8Ca142	Corbin-Tucker	FW	White 1994
		8Ja8 (J-5)	Chattahoochee River 1	LArch	Bullen 1958; Percy 1974
transverse ark clam	<i>Anadara transversa</i>	8Fr364	St. Vincent 5 (Pickalene)	M/LWd	White & Kimble 2017
turkey wing	<i>Arca zebra</i>	8Ja65	Waddell's Mill Pond	FW	Tesar & Jones 2009
variable spike	<i>Elliptio icterina</i>	8Li76	St. Stephens Church	LWd	Maymon et al. 1996
washboard	<i>Megaloniaias nervosa</i>	8Gd13	Sycamore	LWd	Milanich 1974; Williams et al. 2014

NAME	BIOLOGICAL NAME	SITE #	SITE NAME	COMPONENT	REFERENCES
		8Ja104	Scholz Steam Plant	MWd	Percy 1976; Williams et al. 2014
		8Li2	Yon	FW	Kimble 2008
		8Li172	Otis Hare	MWd	Williams et al. 2014
MOLLUSKS:GASTROPODS					
apple murex	<i>Phyllonotus pomum</i>	8Gu10	Richardson's Hammock	Wd, FW	Quitmyer & Cannarozzi 2004
Atlantic moon snail	<i>Polinices duplicatus</i>	8Fr364	St. Vincent 5	M/LWd	White & Kimble 2017
auger snail	<i>Terebra</i> sp.	8Gu10	Richardson's Hammock	Wd/FW	White et al. 2002
bronze pinecone	<i>Strobilops aeneus</i>	8Fr754	Sam's Cutoff	LArch	White 2003
brown periwinkle	<i>Littorina mespillum</i>	8Gu10	Richardson's Hammock	Wd/FW	White et al. 2002
bruised nassa	<i>Phrontis vibex</i>	8Gu10	Richardson's Hammock	Wd/FW	White et al. 2002
bugle sprite	<i>Micromenetus dilatus</i>	8Li2	Yon	FW	Quitmyer 1997
chestnut turban	<i>Turbo castanea</i>	8Gu10	Richardson's Hammock	Wd/FW	White et al. 2002
common buttonsail	<i>Mesomphix vulgatus</i>	8Ja56	Rock Shelter	E/MWd	Percy 1974
compound coil	<i>Heliodiscus parallelus</i>	8Fr744	Van Horn Creek	LArch	White 2003
		8Fr754	Sam's Cutoff	LArch	White 2003
conchs	<i>Strombus</i>	8Gu11	Black's Island	Wd/FW	Mayo 2003
cone snail	<i>Conus</i> sp.	8Gu10	Richardson's Hammock	Wd/FW	White et al. 2002
crown conch	<i>Melongena corona</i>	8Fr14	Pierce Mound B, W Village	MWd	White 2013
		8Fr16	Singer Mound	Wd	White 2013
		8Fr17	Indian Pass Midden	Wd? FW	FL site file
		8Fr21	Cemetery Mound/E Village	E/MWd	White 2013
		8Fr364	St. Vincent 5 Site	EWd, MWd	White & Kimble 2017
		8Fr744	Van Horn Creek	LArch	White 2003
		8Fr754	Sam's Cutoff	LArch	White 2003
		8Fr755	Thank-You-Ma'am Creek	LArch, FW	Parker 1994
		8Gu10	Richardson's Hammock	Wd/FW	White et al. 2002
depressed glass	<i>Nesovitreia dalliana</i>	8Fr744	Van Horn Creek	LArch	White 2003
		8Fr754	Sam's Cutoff	LArch	White 2003
dove shells	Columbellidae	8Fr744	Van Horn Creek	EWd?	White 1994
		8Fr754	Sam's Cutoff	LArch	White 2003
dusky cavesnail	Hydrobiidae	8Fr754	Sam's Cutoff	LArch	White 2003
		8Fr755	Van Horn Creek	LArch	White 2003
eastern melampus	<i>Melampus bidentatus</i>	8Fr754	Sam's Cutoff	LArch	White 2003
fig (paper/common)	<i>Ficus communis</i>	8Gu11	Black's Island	Wd/FW	Mayo 2003
flamed disc/ tigersnail	<i>Anguispira alternata</i>	8Ja63	J-Y Field	MWd	Bullen 1958
		8Ja104	Scholz Steam Plant	MWd	Percy 1976
Florida applesnail	<i>Pomacea paludosa</i>	8Fr744	Van Horn Creek	LArch, Wd/FW	White 2003
		8Ja56	Rock Shelter	E/MWd	Percy 1974
freshwater snail	<i>Campeloma</i> or <i>Lioplax</i> sp.	8Gd13	Sycamore	LWd	J. Williams pers comm 1997
freshwater snail	<i>Campeloma</i> sp.	8Li76	St. Stephens Church	LWd	Maymon et al. 1996
freshwater snail	<i>Lioplax</i> sp.	8Gd13	Sycamore	LWd	Milanich 1974
		8Li76	St. Stephens Church	LWd	Maymon et al. 1996
freshwater snail	<i>Lioplax choctawhatchiensis</i>	8Ja104	Scholz Steam Plant	MWd	Percy 1976
freshwater snail	<i>Notogillia</i> sp.	8Ja104	Scholz Steam Plant	MWd	Percy 1976
		8Li76	St Stephens Church	LWd	Maymon et al. 1996
		8Li172	Otis Hare	MWd	Shockey 1991
freshwater snail	<i>Viviparus</i> sp.	8Li76	St Stephens Church	LWd	Maymon et al. 1996
		8Li172	Otis Hare	MWd, LWd	Shockey 1991
Georgia/banded mystery snail	<i>Viviparus georgianus</i> /	8Ca142	Corbin-Tucker	FW	
		8Gd1	Aspalaga Landing Mounds	E/MWd	Moore 1903; Percy 1974

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	<i>contectoides</i>	8Gu60	Clark Creek	EWd	White 1994
		8Ja8 (J-5)	Chattahoochee River 1	LArch	Bullen 1958; Percy 1974
		8Ja104	Scholz Steam Plant	MWd	Percy 1976
		8Li2	Yon	FW	Quitmyer 1997
		8Li8	Torrey	LWd	Percy 1974
		8Li172	Otis Hare	MWd, LWd	Shockey 1991
globose mystery snail	<i>Viviparus goodrichi</i>	8Ja56	Rock Shelter	E/MWd	Percy 1974
		8Ja63	J-Y Field	MWd	Bullen 1958
globular drop snail	<i>Olidrya orbiculata</i>	8Fr744	Van Horn Creek	LArch, Wd/FW	White 2003
		8Fr754	Sam's Cutoff	LArch	White 2003
glyph	<i>Glyphyalinia indentata</i>	8Fr744	Van Horn Creek	LArch, Wd/FW	White 2003
		8Fr754	Sam's Cutoff	LArch, Wd/FW	White 2003
grooved liptooth	<i>Polygyra pustula</i>	8Fr744	Van Horn Creek	Wd/FW	White 2003
horn snail	<i>Goniobasis boykiniana</i>	8Ja56	Rock Shelter	E/MWd	Percy 1974
horse conch	<i>Triplofusus/Pleuroploca giganteus/gigantea</i> (once called <i>Fulgar</i>)	8Fr364	St. Vincent 5	M/LWd	White & Kimble 2017
		8Fr744	Van Horn Creek	LArch	White 1994, 2003
		8Gu2	Gotier Hammock	MWd	White 2010
		8Gu10	Richardson's Hammock	FW	White et al. 2002; Quitmyer & Cannarozzi 2004
		8Gu11	Black's Island	Wd/FW	Mayo 2003
		8Gu114	Lighthouse Bayou	FW	Quitmyer & Cannarozzi 2004
		8Gu139	Firetower South	LWd?	White 2005
		8Gu229	Wildfire	FW, Lam	Novell & White 2013
impressed odostome	<i>Boonea/Odostomia impressa</i>	8Fr364	St. Vincent 5	M/LWd	White & Kimble 2017
		8Fr744	Van Horn Creek	LArch	White 2003
		8Fr754	Sam's Cutoff	LArch	White 2003
		8Gu55	Yellow Houseboat	LArch, EWd	White 1994
		8Gu60	Clark Creek	EWd	White 1994
keyhole limpet	<i>Fissurellidae</i>	8Gu10	Richardson's Hammock	Wd/FW	White et al. 2002
lightning/left-handed whelk	<i>Busycon/Sinistrofulgur sinistrum/contrarium/perversum</i>	1Ho27/101	Omusee Creek Mound	FW	Blitz & Lorenz 2006
		8Fr11	Green Point	E/MWd	Moore 1902; Percy 1974
		8Fr14	Pierce Mounds A, B, C, H; village	E/MWd, FW	White 2013
		8Fr16	Singer Mound	Wd	White 2013
		8Fr17	Indian Pass Midden	Wd? FW	FL site file
		8Fr20A	Mound near Apalachicola/ East Village	MWd	White 2013
		8Fr20B	Mound near Mound Near Apalachicola/Pierce E Village	Wd	White 2013
		8Fr71	Paradise Point	Wd, FW	White & Kimble 2017
		8Fr73	North Ridge	Wd?	Carr 1975
		8Fr360	St. Vincent 1 Site	EWd	White & Kimble 2017
		8Fr362	St. Vincent 3 Site	Paleo, Arch, Wd, FL	White & Kimble 2017
		8Fr364	St. Vincent 5	M/LWd	White & Kimble 2017
		8Fr744	Van Horn Creek	LArch, Wd/FW	White 2003
		8Fr754	Sam's Cutoff	LArch	White 2003
		8Fr755	Thank-You-Ma'am Creek	LArch, FW	Parker 1994
		8Gu2	Gotier Hammock	MWd	White 2010
		8Gu5	Chipola Cutoff	MWd/FW	White 2011b
		8Gu10	Richardson's Hammock	Wd, FW	White et al. 2002; Quitmyer & Cannarozzi 2004
		8Gu11	Black's Island	Wd/FW	Mayo 2003
		8Gu20 (12)	Conch Island	MWd/FW	FL site file

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		8Gu56	Depot Creek	EWd	White 1994
		8Gu85	Old Cedar	M-LWd, FW?	FL site file
		8Gu114	Lighthouse Bayou	FW, Lam	Quitmyer & Cannarozzi 2004
		8Gu126	Baby Oak	indet prehist	White 2005
		8Gu129	Deer Moss	Wd?	White 2005
		8Gu130	Lost Crew	Wd?	White 2005
		8Gu131	Treasure Shores Turpentine Workers' Camp	hist, prehist?	White 2005
		8Gu132	Yellow Flower	Wd	White 2005
		8Gu134	X654-B	FW, Crk?	FL site file
		8Gu139	Firetower South	LWd?	White 2005
		8Gu142	Liveoak Homestead	Hist? Prehist?	White 2005
		8Gu229	Wildfire	FW, Lam	Novell & White 2013
		8Ja7	Curlee	FW, Lam, Crk	White 1982
		8Ja8 (J-5)	Chattahoochee River 1	FW	Bullen 1958
		8Ja19 (J-17)	Butler	Wd	Bullen 1959; White 1981
		8Ja65	Waddell's Mill Pond	FW	Tesar & Jones 2009
		8Li2	Yon	FW	Du Vernay 2011
		8Li3	Mound below Bristol	E/MWd	Percy 1974
		9Dr7	White Springs	Wd	White 1981
		9Dr10	Montgomery Fields	Paleo-LArch, MWd, LWd, Crk	White 2019
		9Se14	Fairchild's Landing	MWd	Caldwell et al. 2014
marsh periwinkle	<i>Littorina irrorata</i>	8Fr71	Paradise Point	FW	Braley 1982
		8Fr364	St. Vincent 5	M/LWd	White & Kimble 2017
melampus	Ellobiidae/ <i>Detracia</i> sp.	8Fr744	Van Horn Creek	LArch	White 2003
		8Fr754	Sam's Cutoff	LArch	White 2003
minute gem	<i>Hawaiiia miniscula</i>	8Fr744	Van Horn Creek	LArch	White 2003
		8Fr754	Sam's Cutoff	LArch	White 2003
moon snail?	Nacidae sp.	8Fr20B	Shell Mound Near Mound Near Apalachicola/Pierce Far E Village	MWd	White 2013
murex	Muricidae	8Gd1	Aspalaga Landing Mounds	MWd	Moore 1903; Percy 1974
		8Gu10	Richardson's Hammock	MWd/FW	White et al. 2002
nerite/olive nerite snails	<i>Neritina reclivata</i>	8Fr744	Van Horn Creek	LArch, Wd/FW	White 2003
		8Fr754	Sam's Cutoff	LArch	White 2003
		8Gu56	Depot Creek	EWd	White 1994
		8Gu60	Clark Creek	EWd	White 1994
oldfield coil	<i>Heliodiscus inermis</i>	8Fr744	Van Horn Creek	LArch	White 2003
		8Fr754	Sam's Cutoff	LArch	White 2003
olive (marginella?)	<i>Oliva</i> sp.	8Fr71	Paradise Point	Wd, FW	White & Kimble 2017
		8Gu5	Chipola Cutoff Mound	MW, FW	Moore 1903; White 2011a
		8Gu10	Richardson's Hammock	Wd/FW	White et al. 2002
olive shell	<i>Oliva sayana</i>	8Fr364	St. Vincent 5	M/LWd	White & Kimble 2017
		8Ja65	Waddell's Mill Pond	FW	Tesar & Jones 2009
ovate campeloma/ southern lesser mystery snail	<i>Campeloma geniculum/ ponderosum/lima</i>	8Gd1	Aspalaga Mounds	MWd	Moore 1903; Percy 1974
		8Gd13	Sycamore	LWd	Milanich 1974
		8Ja8 (J-5)	Chattahoochee River	LArch	Bullen 1958; Percy 1974
		8Ja40 (J-38)	Timberlake Farms	LWd	Bullen 1950; White 1981
		8Ja42 (J-40)	Leslie/Buena Vista Ldg	LWd	Bullen 1950; White 1981
		8Ja63	J-Y Field	MWd	Bullen 1958
		8Ja104	Scholz Steam Plant	MWd	Percy 1976
		8Li8	Torreyia	LWd	Percy 1974
		8Li172	Otis Hare	MWd, LWd	Shockey 1991
		8Li217	Sunstroke	FW	Quitmyer 1997

NAME	BIOLOGICAL NAME	SITE #	SITE NAME	COMPONENT	REFERENCES
oyster drill	<i>Urosalpinx sp.</i>	8Gu10	Richardson's Hammock	Wd, FW	Quitmyer & Cannarozzi 2004
pear whelk	<i>Busycotypus spiratus</i>	8Gu10	Richardson's Hammock	Wd	Quitmyer & Cannarozzi 2004
periwinkle	<i>Littorina sp.</i>	8Gu10	Richardson's Hammock	Wd/FW	White et al. 2002
physa	<i>Physella sp.</i>	8Fr744	Van Horn Creek	LArch	White 2003
		8Fr754	Sam's Cutoff	LArch	White 2003
rasp elimia/river horn snail	<i>Gonionbasis/ Pleurocera/ Elimia floridensis</i>	8Gd13	Sycamore	LWd	Milanich 1974
		8Li8	Torreyia	LWd	Percy 1974
		8Li172	Otis Hare	MWd	Shockey 1991
rosy wolfsnail	<i>Euglandia rosea</i>	8Fr364	St. Vincent 5	M/LWd	White & Kimble 2017
		8Fr744	Van Horn Creek	LArch, Wd/FW	White 2003
		8Fr754	Sam's Cutoff	LArch	White 2003
		8Gu56	Depot Creek	EWd	White 1994
		8Ja56	Rock Shelter	E/MWd	Percy 1974
scotch bonnet	<i>Phalium granulatum</i>	8Fr744	Van Horn Creek	LArch	White 2003
sea snail [lip]	<i>Strombus or Cassis?</i>	8Ja65	Waddell's Mill Pond	FW	Tesar & Jones 2009
shark's eye	<i>Neverita duplicata</i>	8Fr364	St. Vincent	Wd	White & Kimble 2017
		8Gu10	Richardson's Hammock	Wd/FW	White et al. 2002
sharp nassa	<i>Nassarius aculus</i>	8Fr744	Van Horn Creek	LArch	White 2003
		8Fr754	Sam's Cutoff	LArch	White 2003
siltsnails	<i>Notogillia sp.</i>	8Li76	St. Stephens Church	LWd	Maymon et al. 1996
slim snaggletooth	<i>Gastrocopta pellucida</i>	8Fr744	Van Horn Creek	LArch	White 2003
		8Fr754	Sam's Cutoff	LArch	White 2003
slipper shell	<i>Crepidula sp.</i>	8Gu10	Richardson's Hammock	Wd/FW	White et al. 2002
snaggletooth	Pupillidae	8Fr744	Van Horn Creek	LArch	White 2003
spindle, tulip snails	<i>Fasciolaridae</i>	8Fr71	Paradise Point	FW	Braley 1982
		8Fr364	St. Vincent 5	M/LWd	White & Kimble 2017
		8Gu10	Richardson's Hammock	FW	Quitmyer & Cannarozzi 2004
		8Gu11	Black's Island	Wd/FW	Mayo 2003
		8Gu20 (12)	Conch Island	MWd, FW	FL site file
		8Gu114	Lighthouse Bayou	FW	Quitmyer & Cannarozzi 2004
		8Gu139	Firetower South	LWd?	White 2005
		8Gu141	Yellow Flower	Wd?	White 2005
southern flatcoil	<i>Polygyra cereolus</i>	8Fr744	Van Horn Creek	LArch	White 2003
		8Fr754	Sam's Cutoff	LArch	White 2003
striate	<i>Striatura meridionalis</i>	8Fr754	Sam's Cutoff	LArch	White 2003
true tulip	<i>Fasciolaria tulipa</i>	8Gu10	Richardson's Hammock	Wd	Quitmyer & Cannarozzi 2004
		8Gu56	Depot Creek	LArch, EWd	White 1994
		8Gu114	Lighthouse Bayour	FW	Quitmyer & Cannarozzi 2004
whelk	<i>Busycon sp.</i>	8Gu114	Lighthouse Bayou	FW	Quitmyer & Cannarozzi 2004
		8Fr364	St. Vincent 5	M/LWd	White & Kimble 2017
white baby ear	<i>Sinum perspectivum</i>	8Gu10	Richardson's Hammock	Wd/FW	White et al. 2002
wild hive	<i>Euconulus chersinus</i>	8Fr744	Van Horn Creek	LArch	White 2003
yellow sandshell	<i>Lampsilis teres</i>	8Li76	St. Stephens Church	LWd	Maymon et al. 1996
terrestrial snails	<i>Mesomphix sp.</i>	8Li8	Torreyia	LWd	Percy1974
terrestrial snails	<i>Polygyra sp.</i>	8Ca142	Corbin-Tucker	FW	White 1994
		8Fr364	St. Vincent 5	M/LWd	White & Kimble 2017
		8Fr744	Van Horn Creek	LArch, EWd, FW	White 1994, 2003
		8Gu55	Yellow Houseboat	LArch, EWd	White 1994
		8Gu56	Depot Creek	EWd	White 1994
		8Li8	Torreyia	LWd	Percy 1974
terrestrial snails	<i>Pulmonata sp.</i>	8Ca142	Corbin-Tucker	FW	White 1994
terrestrial snails	<i>Polydantes sp.</i>	8Fr744	Van Horn Creek	EWd, FW	White 1994
		8Gu56	Depot Creek	EWd	White 1994
terrestrial snails	multiple/unident	8Li172	Otis Hare	MWd, LWd	Shockey 1991

Table 2.5. Population figures from 2010 U.S. census for counties in the research region, with included cities noted (the region includes only portions of these counties).

County	Population	Size (Km²)	Density (Persons Per Km²)
Early (GA)	10,500 (Blakely)	1,336	7.8
Henry (AL)	17,300 (Dothan metropolitan area)	1,471	11.8
Decatur (GA)	27,800 (Bainbridge)	1,614	17.2
Houston (AL)	101,500 (Dothan)	1,507	67.3
Seminole (GA)	8,700 (Donalsonville)	666	13.1
Jackson (FL)	49,700 (Marianna)	2,473	20.1
Gadsden (FL)	46,400 (Quincy)	1,368	33.9
Calhoun (FL)	14,600 (Blountstown)	1,487	9.8
Liberty (FL)	8,300 (Bristol)	2,183	3.8
Gulf (FL)	15,800 (Port St. Joe)	1,930	8.2
Franklin (FL)	11,500 (Apalachicola)	2,686	4.3

Table 2.6. Human remains recovered from archaeological sites in the Apalachicola-lower Chattahoochee Valley (in numerical/alphabetical order by site number; most are lost).

SITE #	SITE NAME	NO. PERSONS	BURIAL TYPES	CULTURAL ASSOCIATION	REFERENCES
1Ho301	Fullmore's Upper Landing Mound	?	too decayed to determine number or disposition	MWd, LWd	Moore 1907; Jenkins 1976
8Ca1	Davis' Field Mound	26	primary: flexed; secondary: single skull, bundle	MWd	Willey 1949
8Ca142	Corbin-Tucker cemetery	10 to 19	skulls, longbone frags, teeth, adults and children, in cemetery next to village	FW- contact period	White 1994; White et al. 2012
8Ca2	OK Landing Mound	2	secondary: no further info	MWd	Moore 1918
8Fr1	Porter's Bar Mound, midden	68	primary: flexed, semi-flexed, 1 in squatting? position; secondary: single skull, bundle, cremation; hist grave	LArch, EWd, MWd, hist	Moore 1902; FL site file
8Fr8	Brickyard Creek Mound	1	human femur, badly decayed, molar, small bone frags	MWd, FW?	Moore 1903; FL site file
8Fr10	Eleven Mile Point Mound	24+	secondary: single skull, multiple skulls	EWd, MWd, LWd, FW	Moore 1902
8Fr11	Green Point Mound	80	primary: flexed, semi-flexed; secondary: single skull, bundle; frags recovered later	E-MWd	Moore 1902
8Fr12	Huckleberry Landing Mounds	34	primary: flexed (Moore counted 11, closely flexed); secondary: single skull (12), bundle (inflammation pathologies on 2); bone frags, teeth (donated)	SwCr; FW; MWd; Miss	Moore 1902; Glowacki and White 2005
8Fr14	Pierce Mound A	99+	primary: flexed, semi-flexed, extended; secondary: single skull, bundle; femur with healed fracture in National Museum of Health and Medicine	E-MWd	Moore 1902; White 2013
	Pierce Mound B	1	"superficial skeleton," extended, near "margin"	E/M/LWd?	
	Pierce Mound C	3	2 flexed adult, 1 infant	E-MWd	
	Pierce Central Village	3	in shell midden	?	
8Fr15	Jackson Mound	26	secondary: single skull, bundle, cremation (too decayed)	MWd	Moore 1902; White 2013
8Fr16	Singer Mound (Pierce complex)	19	partly flexed, extended, single skull	FW	Moore 1902; White 2013

SITE #	SITE NAME	NO. PERSONS	BURIAL TYPES	CULTURAL ASSOCIATION	REFERENCES
8Fr19	Cool Springs Mound (Pierce complex)	9	primary: flexed, semi-flexed, extended; secondary: single skull, bundle. Moore ntbk indicates ~14 burials	MWd, FW	Moore 1902; White 2013
8Fr20 (or Fr1372)	Shell Mound Near Apalachicola/ Pierce Far E Vill	1	adult female skeleton eroding from bulldozed shell midden (reburied)	Wd?	White 2013; FL site file
8Fr21	Cemetery Mound	5	3 skels, disturbed	MWd	Moore 1902; White 2013
8Fr71	Paradise Point	1	skel washing out of oyster shell midden	LArch, EWd, MWd, LWd, FW	Braley 1982; White and Kimble 2017
8Fr364-365	Saint Vincent 5, 6 (Pickalene)	6	2+ skels (reburied 100 m away); maxillary frags., teeth, cranial frag from shell midden	MWd?	White and Kimble 2017
8Fr754	Sam's Cutoff	1	flexed adolescent female skel in mounded oyster shell midden	LArch	White 2003a
8Fr799	No Name	1	cranial frag, from poss shipwreck?	hist?	FL site file
8Gd1	Aspalaga Landing Mound	54	primary: flexed; secondary: single skull, bundle	MWd, FW	Moore 1903
8Gd4 (G-4, Gd2)	Chattahoochee Landing Mounds	1?	1 adult tooth	EWd; FW; Arch? Wd?	White 2011b
8Gd123	No Name	?	bone; burial mound? (no further information)	prehist	FL site file
8Gd138	Prison Cemetery	multiple	frags of 1 skeleton recovered; rest left	19 th - 20 th cen	FL site file
8Gu1	Indian Pass Point Mound	"very numerous"	secondary: bundle; looted skeleton reported in pot sent to Fort Walton Temple Mound Museum (no records)	eWl; Wl; LWd	Moore 1902
8Gu2	Gotier Hammock Mound	"a few"	secondary: bundle; too decayed (not in Moore's notes)	MWd	Moore 1902; White 2010
8Gu3	Burgess Landing Mound	12	secondary: single skull, bundle, longbone frags	EWd; MWd; MWd	Moore 1903; White 2018
8Gu4	Isabel Landing Mound	2	skull and bone frags; mound heavily disturbed	MWd; MWd	Moore 1903
8Gu5	Chipola Cutoff Mound	42	primary: flexed, semi-flexed; secondary: single skull, bundle	MWd; FW- protohistoric	Moore 1903; White 2011b
8Gu10	Richardson Hammock Mound	10+	unknown; in private collection; aDNA, other analyses underway	MWd, FW	White et al. 2002, 2022; FL site file
8Gu20	Conch Island	1?	possible dried brain material (dried whelk?)	MWd? FW	FL site file
8Gu41	Howard Creek Mound	1+	longbones, frags in private collection	EWd and/or MWd	White 1992
8Gu55	Yellow Houseboat shell midden	4	1 flexed adult male EWd, 2 adult teeth, other bone frags; 3 historic prob late 19 th century, all in rangia shell midden	EWd, hist 19 th -cen	White 1994; FL site file
8Gu56	Depot Creek	1	1 deciduous tooth in shell midden	LArch or EWd	White 1994
8Gu60	Clark Creek	1	4 adult teeth in shell midden	LArch or EWd	White 1994
8Ja1	Sampson's Landing Mound	47	primary: flexed; secondary: single skull, bundle.	MWd	Moore 1903; Percy 1976
8Ja2	Kemp's Landing Mound	1	secondary: single skull frag; after dozing Bullen found many bone frags	MWd; MWd	Moore 1907; Bullen 1958
8Ja7	Curlee cemetery	20?	12 individuals studied; collectors had skulls, boxes of longbones	FW cemetery	White 1982
8Ja8 (J-5)	Chattahoochee River 1	2	1. mandible, skull cap frags (bundle or skull?). 2. bundle (skull, long bones) in pit; both young adults? in habitation area	FW	Bullen 1958
Ja65	Waddell's Mill Pond	5?	1 adolescent female in midden between caves; 1(?) five-yr child in midden; 2 FW adults extended, intrusive in Wd Mound	EWd, MWd, FW	Gardner 1966; Tesar and Jones 2009

SITE #	SITE NAME	NO. PERSONS	BURIAL TYPES	CULTURAL ASSOCIATION	REFERENCES
8Ja138	Poplar Springs Mound	several?	looters excavated them; only "bone chips in looters' backfill	MWd	FL site file
8Ja389	ACI Borrow Pit	2	1 adult and 1 child	Crk	FL site file
8Ja551	Red Oak Ravine	1	1 skull, female adult	MArch, LArch, EWd	FL site file
8Ja1536	No Name	?	isolated remains	indet lithic; indet cer	FL site file
8Ja1545	Ranger Cave	1?	femur recovered from cave burial	?	FL site file
8Ja1761	Marcus Warland	?	isolate deciduous tooth, probably modern	MArch, LArch, EWd, MWd, hist 18 th -20 th cen	FL site file
8Li2	Yon Mound	2	"one small bunch of human remains, some frag"; primary: extended, in mound slope (left <i>in situ</i>).	FW; Lam	Moore 1903; White 1996a; Du Vernay 2011
8Li3	Mound Below Bristol	1	too decayed	MWd	Moore 1903
8Li4	Bristol Mound	14	primary: no further info; secondary: single skull, bundle.	MWd	Moore 1903
8Li5	Rock Bluff Landing Mound	13?	too decayed	MWd	Moore 1918
8Li6	Michaux Log Landing Mound	5	secondary: single skull, bundle, cremation; too decayed	MWd	Moore 1918
8Li7	Estiffanulga	1	too decayed	MWd	Moore 1903
Li Co.	river rd. 27 mi below Bristol	6	Seminole War victims from both sides	1 st Seminole War?	Bristol public library
9Dr2	Munnerlyn's	16	primary: some flexed; the rest decayed	MWd	Moore 1907
9Dr3-4	Chason Plantation	2	"decaying skeletons"; unclear if mound	LArch; MWd; Crk	Moore 1907; White 1981
9Dr7	White Springs	1	"an old woman" in midden	WI; Wd	Kelly 1953
9Dr14	Kerr's Landing	25	closely flexed and or bunched, badly decayed. 1 burial w/volcanic rock "celt"	MWd	Moore 1907
9Dr21	Lake Douglas Mound	22	secondary: bundle, single skull	MWd	Kelly 1950a, 1953
9Er87 (Er1)	Shoemake Landing	?	decaying bone frags	MWd	Moore 1907
9Se27	Underwater Indian Mound	8	skull in private collection; collector says reburied other bones	EWd, MWd, LWd, FW, LCr/Sem;	White 1981
9Se33	Hare's Landing	43	primary: flexed; secondary: bundle	MWd	Moore 1907; Caldwell et al. 2014

Table 3.1. Paleo-Indian sites and isolated finds (IFs) in the Apalachicola-lower Chattahoochee valley region, listed from upstream (north) down to the Gulf of Mexico by sub-drainage basin. Distances inland are in total miles *by water* (river/navigation mile, added to distances on tributary streams where appropriate).

No.	Name	Mi Inland	Location, Type	Diagnostic Points	Other Components	References
CHATTAHOOCHEE AND FLINT RIVERS						
IF	M69, M70, M71	186.3	Omusee Cr tribs	3 Dalton, 1 Tallahassee?		Moon 1999
IF	M50	182.9	Omusee Cr tribs	Dalton		Moon 1999
Ho135	unnamed; also IFM49	179.6	Omusee Cr	Simpson		Moon 1999; AL site file
1Ho32	unnamed; also IFM73	178.3	Omusee Cr	Clovis		Moon 1999; AL site file
IF	M48	178.3	Omusee Cr tribs	Clovis		Moon 1999
IF	M18	171.6	Omusee Cr tribs	Dalton or Rowan	"Miss to Dalton"	Moon 1999
IF	M63	168.8	Omusee Cr tribs	Dalton or Rowan		Moon 1999
IF	M68	168.0	Omusee Cr tribs	Dalton		Moon 1999
IF	M74	166.7	Omusee Cr tribs	Clovis		Moon 1999
IF	M45	166.6	Omusee Cr tribs	Simpson		Moon 1999
IF	M46	166.2	Omusee Cr tribs	Dalton		Moon 1999
IF	M61	164.6	Omusee Cr tribs	Clovis		Moon 1999
9Er57	unnamed	157	Chatt bank, -60 cm	"fluted" (Clovis?)		Huscher 1959b
IFs	"near Dothan"	155?	Chatt or Cowart's Cr	several Clovis		Jenkins 1976
1Ho305	unnamed	152	Chatt bank	2 Clovis	Arch	Jenkins 1976
IF	M44	140.0	Chatt (bank?)	Simpson		Moon 1999
8Ja327	Greg Patrick	134	Chatt old channel, 2 mi W	Dalton/Santa Fe	EArch	FL site file
9Dr5	Lane Springs	133	Spring Cr between Chatt & Flint	Suwannee?	EArch	Kelly 1950a, b
9Dr10	Montgomery Fields	123.3	Flint bank	Greenbriar or Chipola; 3 unfluted Clovis?	EArch, LArch, EWd-LWd, Crk	White 2019
IFs	in dredge spoil, TM, VM collections	118-135	Chatt, underwater	2 Clovis, 4 Chipola, Lerma, Simpson, 4 Waller knives		Tyler 2008; USF archaeology lab
8Ja39 (J-37)	Harrell/3 Rivers St. Pk. B	113.5	Chatt, underwater in reservoir	Suwannee	EArch, LArch, MWd, LWd, FW	White 1981
ABOVE MARSHALL AND COWARTS CREEK CONFLUENCE						
IF	M72	143.4	Marshall Cr tribs	Dalton		Moon 1999
IF	M77	143.4	Marshall Cr tribs	Dalton-Hardaway		Moon 1999
IF	M78	143.4	Marshall Cr tribs	Dalton		Moon 1999
IF	M76	141.6	Marshall Cr tribs	Dalton	"Miss to Dalton"	Moon 1999
IF	M19, M51	140.5	Marshall Cr tribs	Suwannee, Clovis		Moon 1999
IF	M6	140.4	Marshall Cr tribs	Dalton		Moon 1999
Ho214, IF	unnamed, M11	139.6	Marshall Cr tribs	Dalton	M-LArch, hist 19 th cen	Moon 1999; AL site file
IF	M14	138.2	Marshall Cr tribs	Dalton		Moon 1999
Ho263, IF	unnamed, M10, M10a	137.4	Marshall Cr tribs	Clovis, Dalton		Moon 1999; AL site file
IF	M12	136.9	Marshall Cr trib	Dalton		Moon 1999
1Ho109, IF	Jody Harper, M43	130.2	Cowart's Cr trib	Dalton		Moon 1999; AL site file
8Ja2080	Tyler JW3	127	Cowart's Cr bank	Cowhouse Slough		FL site file
1Ho222	unnamed	126.5	Marshall Cr	Dalton	EArch?	AL site file

No.	Name	Mi Inland	Location, Type	Diagnostic Points	Other Components	References
8Ja513	For Sale	126.5	Marshall Cr trib	unfluted Clovis or Suwannee		White & Trauner 1987
IFs	CP, JJ collections	123.5	Cowart's Cr	2 Clovis		USF archaeology lab
CHIPOLA RIVER						
8Ja502	Bevis	128.7	near pond 6 mi E of Chipola	Dalton	Arch, EArch, MWd	White & Trauner 1987
8Ja1394	Father John's Medicine	130.5	wetland 10 mi W of Chipola	Dalton	EArch? Wd?	Chance & Smith 1992a
8Ja83	Bellamy Bridge	115.2	Chipola bank	Suwannee?	Arch, MWd	FL site file
8Ja1122	Bump Nose Rd Rye Field	115.1	near creek 2 mi W of Chipola	Beaver Lake/Suwannee		FL site file
8Ja1551	Peanut Fields Forever	111.7	1 mi W of Chipola	Dalton	Earch, MArch, LArch, Wd? FW?	FL site file
8Ja112	Blue Hole	110.4	near spring, .5 mi W of Chipola	Dalton	EArch	FL site file
8Ja2081	Tyler TM1	109.4	near pond 9 mi W of Chipola	Clovis, 2 Waller knives, Paleo base?		FL site file
8Ja2046	HJ-C	108.6	Chipola underwater	Simpson	EArch, LArch	FL site file
8Ja68, Ja1756	Calistoble (Jackson Blue Springs)	106.5	up Merrit's Mill Cr; some underwater	Clovis, Greenbriar	EArch, EWd, MWd, FW	Archaeological Consultants, Inc. 2006
8Ws424	unnamed	ca. 101.5	near ponds 12 mi W of Chipola	Suwannee		FL site file
8Ja2056	HJ-M	99.9	Chipola underwater	Dalton/Tallahassee	MArch	FL site file
8Ja2057	HJ-N	99.5	Chipola underwater	Waller knife		FL site file
8Ja2021	HJ-P Marianna-Blountstown	99.2	Chipola underwater	Simpson, Santa Fe? Waller knife	EArch, MArch	FL site file
8Ja2060	HJ-R	98.8	Chipola, underwater	Chipola, Waller knife	EArch, MArch, Wd	FL site file
8Ja437	Magnolia Bridge	98.2	Chipola, underwater	Chipola, Dalton, Marianna, Waller knife, Greenbriar	EArch, LArch, EWd	FL site file
8Ja124	Malloy Farm	98.2	Chipola bank	indet Paleo-Indian	EArch, Arch	FL site file
8Ja2063	HJ-U	98.1	Chipola, underwater	unfluted Clovis?		FL site file
8Ja439	Long Branch Bend	97.4	Chipola, underwater	indet Paleo-Indian	EArch, Wd	FL site file
8Ja2023	HJ-AB	96.6	Chipola, underwater	Suwannee		
8Ja2022	HJ-AA Lost Island Shoal	96.6	Chipola, underwater	Suwannee	EArch, MArch	FL site file
8Ja442	Baggett	95.4	Chipola bank	Suwannee, unfluted Clovis	LWd?	White & Trauner 1987
8Ja75	Second Landing	95	Chipola bank and underwater	Simpson	Wd?	FL site file
8Ja66	Sims	94.9	Chipola underwater	Waller knife	indet preh	FL site file
8Ja2071	HJ-BX	93.6	Chipola, underwater	2 Gilchrist subtype 2	EArch?	FL site file
8Ja2033	HJ-AL Dry Creek Shoal	91.7	Chipola, underwater	2 Tallahassee	EArch, MArch, Miss	FL site file
IF	JW	ca. 91.5	Chipola, underwater	Clovis		Tesar & Whitfield 2002
8Ja2034	HJ-AN	91.5	Chipola, underwater	2 Chipola	MArch	FL site file
8Ja2035	HJ-AO	91.3	Chipola underwater	2 Chipola		FL site file
8Ja2037	HJ-AR	90.2	Chipola, underwater	Cowhouse Slough	MArch	FL site file
8Ja435	Peacock Bridge North	88.6	Chipola, underwater	Clovis	EArch; EWd	FL site file

No.	Name	Mi Inland	Location, Type	Diagnostic Points	Other Components	References
8Ja433	Peacock Bridge	88.4	Chipola, underwater	Dalton/Hardaway, Dalton/Santa Fe, Waller knife		FL site file
8Ja432	Peacock Bridge South	88.3	Chipola, underwater	Dalton	EArch, March, EWd	FL site file
8Ja429	H L Chason	87.2	Chipola, underwater	3+ Simpson, Suwannee, unfluted Clovis, Dalton	EArch, EWd	FL site file
8Ja2043	HJ-AX	87.2	Chipola, underwater	unfluted Clovis, Simpson	EArch, MArch	FL site file
8Ja1502	Chipola River Peacock Bridge Shoal 1	86.8	Chipola, underwater	Suwannee, Santa Fe	Arch	FL site file
8Ja1698	Johnson Shoals	86.8	Chipola, underwater	Clovis, Waller Knife	Arch	FL site file
8Ja2078	DB3	85.3	Chipola, underwater	unfluted Clovis		FL site file
8Ca287	HJ-BD	85.0	Chipola, underwater	Dalton	EArch, MArch	FL site file
8Ca92	Ring Jaw Island	84.6	Chipola, underwater	Santa Fe/Beaver Lake, Waller knife	EArch; LArch; Wd	FL site file
8Ca93	Johnny Boy Landing 2	82.6	Chipola, underwater	Clovis, Simpson, Dalton	EArch, MArch? LArch?	FL site file
8Ca94	Johnny Boy Landing	82.1	Chipola, underwater	Clovis, Simpson, Dalton/Santa Fe	EArch, EWd	FL site file
8Ca234	Miles of Davis	81.6	Chipola bank	"unfluted Clovis or Dalton"	EArch, MArch? LArch?	FL site file
Ca65	John Boy's Landing	80.9	Chipola, underwater	Clovis, unfluted Clovis, Simpson		FL site file
8Ca95	Altha West	80.8	Chipola, underwater	Simpson, Dalton, Santa Fe	EArch; MArch	FL site file
8Ca96	Chipola River North 274	80.7	Chipola, underwater	Clovis, Dalton	EArch	FL site file
8Ca97	Bridge 274	80.6	Chipola, underwater	Clovis	EArch, MArch	FL site file
8Ca185	Four Hole Pond	79.8	near pond 1 mi W of Chipola	3 Simpson (lg fishtail)	Arch, Wd?	FL site file, USF archaeology lab
8Ca98	Look&Tremble Shoals	79.5	Chipola, underwater	Dalton	EArch; MArch?; EWd	FL site file
8Ca250	Bauldree to Horseshoe Bend	79.4	Chipola bank	Waller knife?	EArch, MArch? LArch?	FL site file
8Ca300	HJ-BQ	79.1	Chipola, underwater	Stanfield		FL site file
8Ca301	JJ-BR Saw Mill	75.8	Chipola, underwater	Aucilla adze (?)	EArch-LArch, Miss	FL site file
8Ca305	HJ-BV	71.0	Chipola, underwater	Suwannee	EArch-LArch	FL site file
APALACHICOLA RIVER						
IFs	Mt. Pleasant collection	120	15 mi up Mosquito Cr	2 unfluted Clovis		USF archaeology lab
8Gd338	Chatt-Ap R site S83	106	sandbar on riverbank (dredged up?)	O'Leno, Greenbriar or Dalton?	EArch, Arch, Wd, FW	FL site file
8Ja1847 & 1848	Keene sites	101	on old channel 6 mi W of river	2 unfluted Clovis? 2 Dalton, 2 Marianna, Waller knife	EArch, MArch, MWd, FW	Kelley 2013
8Gd1990	Tyler TM2	99.5	underwater	Chipola		FL site file
8Ja2077	Tyler CF1	98	on cr 1 mi W of river	Clovis/Simpson		FL site file
8Ca90	Parrish Lake Road	86	on old meander loop .5 mi W of river	Clovis		FL site file
8Li221	Stuck Truck	64	on old chanel 2 mi E of river	Dalton?	Wd	Henefield & White 1986

No.	Name	Mi Inland	Location, Type	Diagnostic Points	Other Components	References
COAST						
IF	KJ St. George I	0	barrier island Gulf shore	Suwannee		USF archaeology lab
IF	JL Cat Point	0	mainland bayshore	unfluted Clovis?		USF archaeology lab
8Fr71	Paradise Pt	0	barrier island bayshore	Dalton, Dalton/Greenbriar	LWd? FW	White and Kimble 2016
8Fr362	St. Vincent 3	0	barrier island bayshore	10 Clovis, Chipola, Beaver Lake?	Arch, EWd, MWd? LWd? FW	White and Kimble 2016
8Fr364	St. Vincent 5	0	barrier island bayshore	4 Clovis, Clovis/ Tallahassee, Beaver Lake	EArch-MWd, LWd? FW, Lam	White and Kimble 2016
8Fr354	St. Vincent Point	0	barrier island bayshore	Dalton/Greenbriar	EWd, FW	White and Kimble 2016

Table 6.1. Early Woodland mounds/mound components in the Apalachicola-lower Chattahoochee valley (listed north to south, most with Middle Woodland components too).

Site #	Name	Location	EWd Evidence	MWd?	References
8Ja65	Waddell's Mill Pond	upper Chip	Dept sherds? platform? SwCrC-St; no eWI except red-pt; A.D. 240, 605 dates	?	Tesar and Jones 2009
9Dr21	Lake Douglas	lower Flint	mostly ch-st and plain, SwCrC-St	X	Kelly 1953
9Dr14	Kerr's Landing	lower Flint	mostly ch-st; few SwCrC-St; Dept Linear Ch-St	X	Moore 1907; White 1981
9Dr2	Munnerlyn's Ldg	lower Flint	ch-st; SwCrC-St; red pt; steatite ornament	?	White 1981
8Ja2	Kemp's Ldg	lower Chatt	tetrapodal basal sherds	X	Bullen 1958
8Gd4	Chattahoochee Ldg	upper Ap	Dept sherds, basal stratum under platf mound?, no c-st or eWI		White 2011a
8Gd1	Aspalaga Ldg	upper Ap	several tetrapodal vessels including SwCrC-St	X	Moore 1903
8Li3	Md Below Bristol	middle Ap	ch-st, a few c-st, no eWI		Moore 1903
8Li7	Md near Estifanulga	middle Ap	plain and ch-st, only 1 c-st, no eWI	?	Moore 1903
8Gu4	Isabel Landing	lower Chip	ch-st, 1 SwCrC-St, 1 St. Andrews C-St	X	Moore 1903
8Gu3	Burgess Landing	lower Chip	tetrapodal basal sherd from village area	X	White 2018
8Gu41	Howard Creek	lower Ap	1 SwCrC-St; no eWI; mica, 2 copper discs		White 1992
8Fr12	Huckleberry Ldg	lower Ap	3 tetrapodal vessels; no eWI? 2 copper discs		Moore 1902
8Fr14	Pierce Mds A, C	lower Ap	Md C has no eWI	X	White 2013
8Fr11	Green Point	Ap bayshore	many tetrapods	X	Knigge 2018

Table 7.1. Middle Woodland mounds in the Apalachicola-lower Chattahoochee valley listed from upstream (north) down to the Gulf of Mexico. Distances inland in total miles *by water* (river/navigation mile, added to distances on tributaries where appropriate); area in meters (diameter or length x width); + not known by Moore; * not relocated since Moore. Presence of Early Woodland components and ceramic types indicated in 8th column. Original references given; all also discussed in Lockman 2020 and state site files.

#	Name	Basin, R Mi	Ht	Area	Graves	Dist To Habit	EWd	Ch- St	Sw Cr	EWI	PI	Other	References
1Ho6/ 301	*Fulmore's Upper Ldg	Chatt, 154	1	?	>4	?				X	X	chert masses	Moore 1907
9Er1/87	*Shoemake Ldg	Chatt, 143	.5	15	?	?		X	X	X			Moore 1907
9Dr21	+ Lake Douglas	Flint, 135	>1	8	22	?	?	X	X	X	X	Archaic point, chert debitage, celt, slate, hematite, shell	Kelly 1953
9Dr3/4	Chason Plantation	Flint, 132	>1?	?	2	0	?	X	X		X	Crk, other components?	Moore 1907
9Dr14 [Dr2]	Kerr's Ldg [Bower Plantation]	Flint, 130	1.5	19	25	?	X	X	X	X	X	galena, stone tools, lithic debitage, slate gorget, shell	Moore 1907; Kelly 1953
9Dr2	*Munnerlyn's Ldg	Flint, 128	0.8	15	16	?	X	X	X	X		steatite bowl, chert tools and masses	Moore 1907
8Ja65	+ Waddell's Mill Pond	Chip, 108	1.5	30	?	0	X	X	X		X	E/MWd platform md? date of A.D. 605	Gardner 1966; Tesar and Jones 2009
9Dr18	*Hardnut Ldg	Chatt, 111	.7	20	21	0?	?	X	X	X	X	mica, shell; also numbered Dr4, Dr21	Moore 1917
9Se33	Hare's Ldg	Chatt, 116	1.5	14.5	43	0		X	X	X	X	mica, galena, phosphate rock, stone tools, shell, fauna	Moore 1907; Caldwell et al. 2014
8Ja2	Kemp's Ldg	Chatt, 113	1.5	10	many	0	X	X	X	X	X	chert; earlier numbered J-51	Moore 1907; Bullen 1958
9Dr27/ 48	Log Ldg	Flint, 112	1	15	0	0					X	steatite pipe	Moore 1907; White 1981
9Se27	+ Underwater Indian Mound	Flint, 111	.5	?	8?	0?	?	X	X	X	X	copper, steatite pipe, chert tools, shell; also FW, Crk components?	White 1981
8Ja138	+ Poplar Springs	Chip, 110	?	?	many	0		X	X	X		chert tools, points	Frashuer 2006, FL site file
8Ja1	Sampson's Ldg	Ap, 103	1.5	14	47	275?		X	X	X	X	mica, celts, shell	Moore 1903; Percy 1976
8Gd1	Aspalaga Ldg	Ap, 99	4	30 x 28	54	500?	X	X	X	X	X	mica, chert tools, shell, 3 mds	Moore 1903; Milanich 1974
8Li5	Rock Bluff Ldg	Ap, 93	1	14	13	?		X	X	X		chert pts, celt, shell	Moore 1918; Percy and Jones 1976
8Ca1	*Davis Field	Ap, 80	1.5	15	26	?			X	X		mica, shell	Moore 1903
8Ca2	*OK Ldg	*Ap, ?	1	11	2	?		X	X	X	X	2 galena, shell cup, mica	Moore 1918
8Li4	Bristol	Ap, 80	1	17	14	0?		X	X	X		mica, chert pt, shell	Moore 1903; White 2018
8Li3	Below Bristol	*Ap, 77	1	15	1	?	?	X	X			clay pipe, chert pt, shell, fauna; may not be MWd	Moore 1903
8Ca114	+ Gaston Spivey	Chip, 73	<1	<10	some	?		X	X	X	X	lithic debitage, tools, triangular pt	White and Trauner 1987; White 2018

#	Name	Basin, R Mi	Ht	Area	Graves	Dist To Habit	EWd	Ch- St	Sw Cr	EWI	PI	Other	References
8Li6	Michaux Log Ldg	Ap, 70	1	11 x 12	5	0		X	X	X	X	chert pt	Moore 1918; Frashuer 2006
8Li7	*Estiffanulga	Ap, 65	1	12	1	?		X	X		X	WI rim projection, pts, celts	Moore 1903
8Gu5	Chipola Cutoff	Ap, 42	1.6	14	42	?		X	X	X	X	protohistoric FW component	Moore 1903; White 2011b
8Gu4	*Isabel Ldg	Chip, 39	1.5	15	2	?		X	X	X	X	mica, chert	Moore 1903
8Gu3	Burgess Ldg	Chip, 35	1.5	15	12	50	?	X	X	X		celts, chert pt,	Moore 1903; White 2018
8Fr8	Brickyard Creek	Ap, 21	1	11	>1	?			X	X	X	mica, chert pts, bone pts, shell, FW pot?	Moore 1903
8Gu41	+ Howard Creek	Ap, 17	1	20	some	150	?		X		X	copper, mica; only EWd?	Henefield and White 1982; White 1992
8Fr12	Huckleberry Ldg	Ap/Jackson R, 7	1.5	12 x 16	34	0	X	X	X	?	X	monitor pipe, copper, mica, chert knife, turtle shell, shell midden fill	Moore 1902; Glowacki and White 2005
8Fr15	Jackson	Ap, 3	3	22 x 20	26	0		X	X	X	X	copper or brass, galena, pipes, stone tools, quartz; FW component	Moore 1902; White 2018
8Fr14A	Pierce Md A	Ap, 2	2	29 x 34	99	0	X	X	X	X	X	copper, silver, stone tools, slate pendant, shell, pearls, bone gorget, shell midden fill	Moore 1902; White 2013
8Fr21	Cemetery	Ap, 1	1.5	?	5	0		X	X	X	X	copper, limestone, bone pin, shell midden fill	Moore 1902; White 2013
8Fr20A	Mound Near Apalachicola	Ap, 1	.6	31 x 24	0	0		X	X	X		too disturbed; FW component	Moore 1902; White 2013
8Fr20B	+ Shell Md Near Apalachicola	Ap, 1	?	?	?	0		X	X	X		shell; may not be burial md	Moore 1902; White 2013
8Fr19	*Cool Spring	Ap, 1	2	28	>9	?		X	X	X	X	mica; FW component	Moore 1902; White 2013
8Gu10	+ Richardson's Hammock	St Joe Bay, 0	1	10	>9	0		X	X	X	X	copper, shell, chert tools, celts; FW component	White et al. 2002, White 2018
8Gu2	Gotier Hammock	St Joe Bay, 0	1.5	18	?	200		X	X	X	X	mica, chert, shell	Moore 1902; White 2010
8Gu1	Indian Pass Point	Ap Bay, 0	1	15 x 16	many	150		X		X	X	hematite, chert tools	Moore 1902; Willey 1949
8Fr10	Eleven Mile Point	Ap Bay, 0	1	15	many	100			X	X	X		Moore 1902; Willey 1949; White 2018
8Fr11	Green Point	*Ap Bay, 0	1.5	19	80	0	X	X	X	X	X	clay monitor pipe, stone tools, shell, fauna, shell midden fill	Moore 1902; Knigge 2018
8Fr1	Porter's Bar	Ap Bay, 0	3	18 x 24	68	0		X	X	X	X	pipe, copper, mica, galena, quartz, kaolin, shell, pts, stone tools, fauna; shell midden fill	Moore 1902; Knigge 2018

VOLUME 2 ADDITIONAL TABLES

Table 2.1. Fort Walton mound and cemetery sites in the region, in order from farthest inland to coast.

#	Name	Type	R Mi*	Dimensions (m)	Cal Dates A.D. **, Other Components, Comments	References
1Ho27 (101)	Omussee Crk Md (Seaborn or Columbia)	platform md, village	160	42 x 27; ht 3h; village >200 m	FW 4-stage md overlies earlier, different Mississippian component; poss EWd pre- md component	Blitz & Lorenz 2006; Neuman 1961
9Dr22	Hornsby's Bluff	platform? md?	135	diam 5, ht >.6	red baked-clay circular platform; unclear if real md	Kelly 1950a, b
8Ja65	Waddell's Mill Pond Md	Wd platform md, FW intrusive burials	120		1155, 1255, 1430-1440 ; overlaps Contact Period; MWd component	Tesar and Jones 2009
9Se15	Old Rambo Md	conical? md	114	diam 20, ht 2	LWd? village adjacent	White et al. 2012
9Se27	Underwater Indian Md	platform? md?	111	120 x 50, unknown ht	poss MWd burial md reused by FW; Arch through LWd components	White 1981
8Ja7	Curlee	cemetery, village	108	cemetery 200 x 50, site 600 long	1244 ; LWd, small Contact- Mission-Period and Creek Indian components	White 1982
8Gd4	Chattahoochee Landing Mds	Md 2 platform, 6 other mds, village	108	Md 2: 50 square, ht 4; Md 4 remnant: ht 1.7	Md 2 early stratum, 1155 ; Md 4 lower stratum, 1225 ; EWd, poss LWd components; other mds FW?	White 2011a, 2021b
8Li2	Yon Md	platform md, village	81	50 square, ht 7	1025 to 1250 ; burial in temple md slope; smaller Lamar component	White 1996; Du Vernay 2011, 2014
8Ca3	Cayson Md	platform md, low md across plaza, village	80	platform 23 x 18, ht >.6; low md ht 1	950 to 1120 ; some of platform md washed away	Brose et al. 1976
8Li142	Corbin-Tucker	cemetery, village	63	cemetery 40 long? 200 x 100	1480, 1670-1770 ; 19+ burials, some Contact-Period	White 1994; White et al. 2012
8Gu5	Chipola Cutoff Md	conical? MWd burial md, FW intrusive burials	43	diam 14, ht 2	MWd burial md reused by protohist FW; now underwater	White 2011b
8Fr16	Singer Md (part of Pierce)	conical sand and shell burial md	2	diam 20, ht 2	1020, 1205 (submd date=EArch); 19 burials	White 2018
8Fr14	Pierce Md H	shell platform md	1	30 square, ht 3	1270 (village); only md remnant left	White 2013
8Fr14	Pierce Md F	sand platform md		73 x 23, ht .8	1050-1140	
8Fr14	Pierce Md E	sand platform md	1	23 x 25, ht 1	1 ch-st sherd	
8Fr14	Pierce Md G	sand platform md	1	37 x 19, ht 1	no cultural materials in 1 test	
8Gu10	Richardson's Hammock	conical sand & shell MWd burial md, FW intrusive burials	0	md diam 10, ht 1; shell midden 350 x 40	1300 ; EWd and MWd occupation at N end; burial md looted	White et al. 2002; White et al. 2022

* navigation miles inland, on main river (with tributary stream)

** radiocarbon date intercepts (see Appendix A)

Table 3.1. Early Protohistoric Fort Walton sites in the region, all with typical Fort Walton ceramics. River (navigation) miles are inland from Gulf (Chattahoochee miles added to the ca. 110 mi of the Apalachicola).

<i>Site #, Name</i>	<i>R. Mi</i>	<i>Type</i>	<i>Other ceramics, other artifacts</i>	<i>clay mushroom-room</i>	<i>shell but-ton</i>	<i>metal</i>	<i>glass beads</i>	<i>References</i>
8Ja65 Waddell's Mill Pond	133 (up Chipola, Crk)	cave habitation, "town house" structure; platform mound; also MWd	5 Lam C-St, 1 Ocm F Inc, 9 Chatt Br? SECC shell disc gorget	6	1	copper disc		Tesar and Jones 2009
8Ja7, Curlee (?)	107	village, cemetery	Lam, Ocm F Inc, Chatt Br, olive jar			frags	2	White 1982
8Ja217 Thick Greenbriar	99	village	1 Lam Pl? Chatt Br from surface			square iron spike, iron lumps	4	Rodriguez 2004; White 2000
8Ca142 Corbin-Tucker	60	village, cemetery	greenstone celts	1		2 copper discs		White 1994
8Gu5 Chipola Cutoff Mound	42	burial mound, also MWd component	Moundville Engraved, Mississippi Pl? Ocm F Inc, 1 colonoware? stirrup-spout bottle, 1 Lamar C-St, greenstone celts	3	3	4 brass discs	4	White 2011b
8Fr1303 Poor Man's Creek	2	bluff-top occupation, on East Bay (river mouth); no shell midden	Spanish lead-glazed coarse earthenware (handle, black paint); Lam/Ocm F Inc					White 2018

Table 3.2. Ceramic mushroom-shaped objects from protohistoric sites in the region (N = 12; measurements in cm; listed from north to south; ?= estimated from illustration or unknown).

<i>Site #</i>	<i>Name</i>	<i>L</i>	<i>Top Diam</i>	<i>Shape, Design</i>	<i>References, Catalog #, Comments</i>
8Ja65	Waddell's Mill Pond	7.3	5	flat to convex top, plain	Gardner 1966:54, Plate G
		?	5.1	flat (?) top with 3 incised concentric circles filled with punctations	Gardner 1966:54, Plate H
		4.5	3.8	flat or convex top, plain	Gardner 1966:54, Plate I
		?, ?	?, ?	1 has projecting node on top	Gardner 1966:54; 2 specimens, not otherwise described
		?	oval 4.3 x 4.8	concave top, plain	base broken; Tesar and Jones 2009:659-60
		4.2?	4.5?	flat top with notches around edge, tapered stem	USF archaeology lab record from collector
8Ca42	Corbin-Tucker	8.9	7.8	flat/convex plain top, fingernail ticks along underside of part of rim circumference; grit-tempered	White 1994:195; #8Ca142-528; wt = 187.8 g
8Gu5	Chipola Cutoff mound	6?	6.5 ?	flat top with central depression, triangular punctations around outer top vertical edge	Moore 1903:462, Fig.129; NMAI# 172060
		5?	6?	convex, plain, smooth	Moore 1903:462; NMAI#172059
		4?	5.5?	flat, plain	Moore 1903:462; NMAI#171820
8Fr27	New Pass	3.6	3.5	broken, probably convex top	Tesar 2010:104; BAR#10.28.17.01

Table 3.3. Possible Mission-Period and/or Post-Mission protohistoric sites in the region (from north to south).

#	Name	Location	Identification	Diagnostics (?)	Comments, other components	References
9Dr4	Chason Plantation	24 mi above forks, E bank Flint	Oklafunee or Coxpur, 1778 ; earlier mission-period component?	Chatt Br, ch-st, red, majolica, chert, kaolin pipes, olive jar, glass, metal, historic crockery, musket balls	LWd? Crk	White 1981
9Se77	One Mile	15 mi above forks, E bank Chatt	?	2 majolica, Ocm F Inc, 1 Lam? rim, 1 Chatt Br?	Arch, Wd?	White 1981
9Se24	Point Bluff	3 mi above & within forks, W bank Flint	Cherokeeleechee's fort/town, 1716	1 majolica, Chatt Br, Kasita Red, colonoware, gunflints, glass, Westerwald stoneware	on island? in reservoir	White 1981
9Se20	Turkey Patch	1 mi above & within forks, E bank Chatt	Sabacola mission 1674 ;	Chatt Br, 2 Lam? Leon? brass, wine bottles, peach stones	under reservoir; LWd; 19 th -cen plantation	Boyd 1958; UGA notes
9Se21	Below Turkey Patch	100 m below 9Se20	Chacato village 1686 ?			
8Ja4 (J-1)	New Prison	1 km W of forks, high bluff, W side Chatt	later San Carlos village 1686-1694 , Chacatos	1 "Jefferson ware" (notched rim), 1 Ocm F Inc	EWd, MWd, FW; under state prison	Boyd 1958; Bullen 1950
8Ja60 (J-3)	State Hospital Farm	ca. 400 m W of Ja4		3 olive jar, 13 red, 22 Chatt Br, 19 Ocm F Inc, 9 "Jefferson ware," 8 Lam C-St, shl-t plain, cobmk		
8Ja389	ACI Borrow Pit	ca. 300 m SW of Ja4		burial with glass beads, shell pendant, Chatt Br, Ocm F Inc, shl-t pl, 1 "Jefferson ware" rim	1 adult, 1 child burial; salvaged	FL site file
8Ja7	Curlee	.5 mi below forks, W bank Ap	landing for 1686-1694 San Carlos Chacato village?	28 Lam, 4 olive jar, 19 Chatt Br, metal frags, tack, kaolin pipe, 4 glass beads	FW village, cemetery; LWd; mostly gone	White 1982
8Gu8	Fort San José	tip of St. Joseph Peninsula (coast)	Spanish fort, 1701, 1719-21	11 Lam Pl?, 24 Lam?C-St, 5 Leon? Ch-st, majolica, olive jar, other Spanish ceramics, metal, glass	mostly gone	Saccante 2013; Saccante and White 2015

Table 3.4. Lamar/possible Lamar sites/components in the region, from north to south (best candidates in shaded rows).

Site #	Name	R mi*	Lamar ceramics	Other possibly related artifacts	Other components	Comments	References
1Ho27 (Ho101; Ho3, Ho26 village)	Omussee Crk Md (Seaborn or Columbia)	158	1 C-St; PI appliqué rims	stone, shell tools, a few Chatt Br sherds;	FW, CRK	survey, excavation	Blitz & Lorenz 2006
1Ho163; also Ho23	no name	157	? "Lamar-Lake Jackson"			no evidence from later survey	Huscher 1959
9Er54	Andrews Dam	157	? "Early Lamar?"		Arch, EWd, MWd	no evidence from later survey	Huscher 1959
1Ho17	no name	146	2 C-St	Chatt Br	Crk	survey	Schieffer 2013
1Ho20	no name	143	1 C-St?	FW Incised	FW	survey	
1Ho53	N Cedar Creek	151	1 C-St?	1 indet st, 1 indet inc	?	survey	
9Se104	Anniversary	129	1 PI?	LJ	FW	survey	
8Ja65	Waddell's Mill Pond	~125	1 PI? Bold Inc?	ch-st, FW types,	FW, Wldd	excavation	Jones & Tesar 2009
9Se77	One Mile	125	1 PI	majolica, 1 Chatt Br, OcmFInc? shl-t, cobmk, indet inc, ch-st, hist whiteware	CRK? FW? Archaic	survey	White 1981
9Se3	Butler's Ferry Island	118	1PI?	Chatt Br, FW Inc, LJ, ch-st, stemmed pt	Wldd? FW	excavation, survey	
8Ja123	Turkey Ridge	112	1 Ocm F Inc bowl (half)	hundreds of points	MArch, LArch?	survey	FL site file
8Ja10 (J-7)	Chattahoochee River 2	111	1 C-St?	1 FW Inc, shell-t, ch-st	FW?	survey	Bullen 1950
8Ja4 (J-1)	New Prison	111	1 PI rim?	1 OcmFInc, brick, glass,	mission-CRK?	survey	
8Ja60 (J-3)	State Hospital Farm	110	9 Jefferson ware rims, 8 C-St	Spanish olive jar, Chatt Br, cobmk, Mission Red? OcmFInc, Miller PI (colonoware?), LJ? shl-t	mission-CRK? FW? Wldd	survey, excavation	
8Gd3	G-1, Lookout Point	109	1 PI	FW types, ch-st, clay mound? point, chert debitage, historic metal items	FW, Archaic?	survey	FL site file
8Ja7	Curlee	109	3 PI?28 C-St	Ocm F Inc, Chatt Br FW types, ch-st, fauna	FW, LWd	survey, excavation	White 1982
8Ja391	Pope's Cabin	108	1 C-St?	indet inc, indet brushed	FW, CRK?	survey, excavation	Ward 1989
8Ja409	Sneads Port		1 Ocm F Inc	sand-, grit-, and grog-t pl	Paleo	survey	FL site file
8Ja1869	McKinnie	101	2 PI?	FW types, ch-st	FW, Wldd? Archaic	excavation, collection	Prendergast 2015
8Ja417	Thick Greenbriar	100	1 PI?	FW types, glass beads	FW	survey, excavation	White2000; Rodriguez 2004
8Ca45	Athena	93	1 PI rim?	1 grit-t pl	FW?	survey	FL site file

Site #	Name	R mi*	Lamar ceramics	Other possibly related artifacts	Other components	Comments	References
8Ca12	Redd's Landing	89	1 Pl rim	another poss Lam Pl rim	Arch, E/MWd, FW, Hist Euro-Am	survey	FL site file
8Li2	Yon	79	Pl, C-St, abundant	FW types, poss Wd types	FW	excavation	White 1996; Du Vernay 2011; 2014
8Li217	Sunstroke	78	1 C-St	FW types, ch-st, grit, shell-t	FW, Wd?	survey, excavation	USF archaeology lab
8Ca3	Cayson	78	23 C-St	FW types, cord-mk, cob-mk, ch-st, brushed	FW	excavation	Brose et al. 1976
8Ca11	Ammonia Lake (Iamonia)	60	2 C-St	FW types, Chatt Br?, ch-st, grit-, grog-, sand-t pl; chert debitage, bone, daub	FW, CRK?	survey	FL site file
8Gu5	Chipola Cutoff mound	42	1 C-St	FW types, Moundville Incised, colonoware? shell buttons	FW, MWd	excavation, survey	White 2011b
8Fr15, Fr77	Jackson Mound/Midden	2.5	1 Leon Ch-St; trumpet-shaped pipe		MWd bur md; FW	on mainland coast	White 2018
8Fr60	Sportsman	1 main-land	1 Lam Inc? rim	FW Inc?	FW?	survey; on mainland coast	FL site file
8Gu8	Fort San José	0	24 C-St, 11 Pl? 5 Leon Ch-St	Ocm Fields Inc, majolica, olive jars, numerous other Spanish artifacts	proto-historic Indian	survey, excavation	Saccante 2013; Saccante & White 2015
8Gu114	Lighthouse Bayou	0	Pl, C-St, Leon Ch-St	FW types, Ocm F Inc, ch-st, large-gastropod midden	FW	survey, excavation	White et al. 2002
8Gu229	Wildfire	0	1 Pl	FW Inc	FW	survey, excavation	Novell & White 2013
8Fr352	St. Vincent I Ferry	0	1 C-St, 1 Pl?	FW types, sh-t pl	FW	survey	White & Kimble 2017
8Fr365	St. Vincent 6	0	1 C-St?	FW & Wd types, shell-t, ch-st, ChattBr?	FW, Arch, Wd, Crk?	survey, excavation	
8Fr366	St. Vincent 7	0	1 Pl?	FW types, Wdld types, ch-st	FW, Wd	survey	
8Fr369	St. Vincent 10	0	1 Pl?	Chatt Br? 2 gunflints	FW? CRK?	survey	
8Fr804	Hendrix 1/Cape St. George	0	2 Pl, 1 C-St, Leon Ch-St	12 Lam or Ocm F Inc	FW?		USF lab data; site file
8Fr27	New Pass	0	C-St, Inc abundant	3 gunflints; stone celts, clay pipes; ceramic discs (including 1 Lam C-St disk); ceramic mushroom	Archaic; Wd, FW	excavation	Barton 1992; USF lab data
8Fr756	Doug Elam	0	1 C-St	indet incised		survey	White 2011b
8Fr79	Dove Pt/St George Plantation	0	10 C-St, 8 Leon Ch-St	13 Lamar?Inc	FW?	survey	USF lab data

*River (navigation) miles inland from Gulf; Chattahoochee miles added to the ca.110 mi of the Apalachicola; barrier Islands at mi

Figure 3.8 (alternative). Locations of possible Mission-Period sites (vertical bars), all Lamar sites (dots), and Lamar/possible Mission-Period sites (horizontal bars) in the region. Those discussed in the text are numbered (state and county prefixes inferrable from map).

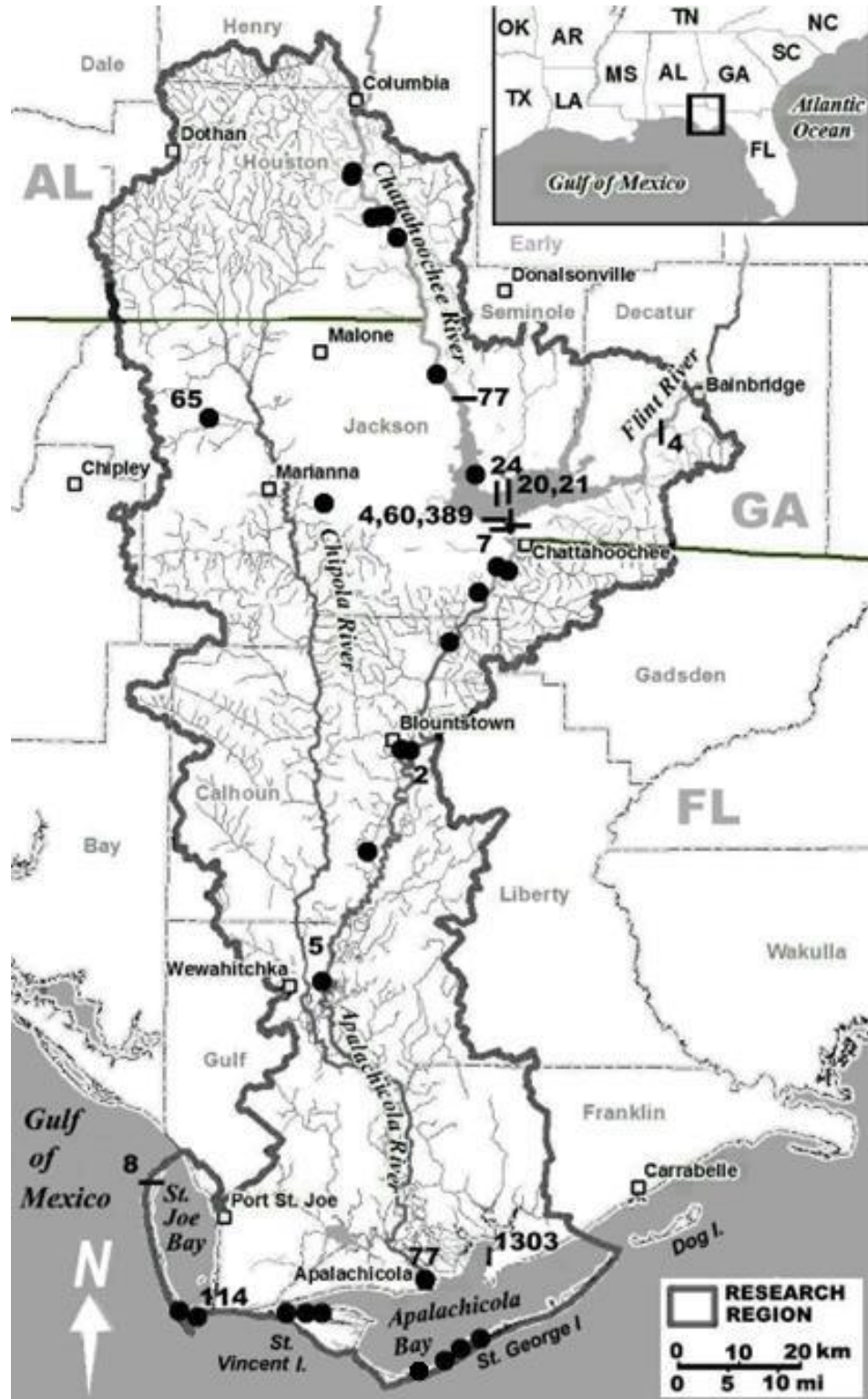


Table 4.1. Creek/Seminole sites in the region (from north to south by river).

<i>Site No.</i>	<i>Site Name</i>	<i>R. Mi, Location</i>	<i>Town</i>	<i>Ceramics</i>	<i>Other Artifacts, Components</i>	<i>References</i>
1Ho3	Scott	Chatt 47.6, W bank, 500 m W	Yamassee/ Omussee Town? 1715	Chatt Br? Lam C-St, Ocm F Inc	EWd, MWd, LWd, FW, Lam	Belovich et al. 1982; Hurt 1947
1Ho5	Unnamed	Chatt 47.4, W. bank, 600 m SW of 1Ho3		Chatt Br		Hurt 1947
1Ho47	Omussee Crk South #2	Chatt 47.4, W bank		Chatt Br		Belovich et al. 1982
1Ho321	Mounde Branch North	Chatt 47.1, W bank, 650 m S of Ho47		Chatt Br, Ocm F Inc? Lam?	black, clear glass; fauna; FW, Lam?	Jenkins 1976; Belovich et al. 1982
9Er53	East Bank Dam	Chatt 46.8, E bank		Chatt Br?	clay pipes, metal spoon, iron, gunflints; whiteware; EArch	Belovich et al. 1982
9Er131	Unnamed	Chatt 45.5, E bank		Chatt Br	feather-edge, chert; FW	Belovich et al. 1982
1Ho69	Unnamed	Chatt 44.3, W bank		Chatt Br		Belovich et al. 1982
1Ho12	Unnamed	Chatt 42, W bank	Chiska Talofa? 1818?	Chatt Br	LWd, MWd, FW	AL site file
1Ho17	Unnamed	Chatt 36, W bank 1300 m W		Chatt Br, Lam C-St	LWd, FW, Lam	AL site file
8Ja272	Robinson 1	Chatt 25.4, W bank	Ekana- chatte, 1770s - 1818	Chatt Br	chert; MWd	White 1981
8Ja49	Irwin Mill 2/ (J-47)	Chatt 24.8, W bank 800 m W on stream		Chatt Br	stoneware; shell-edge; chert; Arch; MWd	Bullen 1950; White 1881
8Ja48	Irwin Mill 1 (J-46)	Chatt 24.6, W bank		Chatt Br, Ocm F Inc	transfer print, chert; March, EWd? MWd	Bullen 1950; White 1981
8Ja50	Irwin Mill 3 (J-48)	Chatt 24.3, W bank, 300 m W on stream		Chatt Br; cobmk; red	stoneware, glass, chert; LWd? FW?;	Bullen 1950; White 1981
8Ja51	Neal's Bridge #2 (J-49)	Chatt 24.2, W bank		Chatt Br	stoneware, chert; Paleo? Arch	Bullen 1950
9Se106	Bartow's Ldg	Chatt 24.1, E bank	Perrimans or Wekiva? 1818	Chatt Br, Ocm F Inc (?)	metal, chert; EWd? MWd, LWd? FW	White 1981
8Ja44	Neal (J-42)	Chatt 23.9, W bank	Ekana- chatte	Chatt Br	stoneware, transfer-print, nails, glass, chert; LArch, E-MWd, FW	Bullen 1950; White 1981
8Ja52	Neal's Bridge 3 (J-50) (Gv)	Chatt 23.9, W bank, 600 m W		Chatt Br	chert; EArch, MWd	Bullen 1950
8Ja45	Neal's Ldg (J-43)	Chatt 23.9, W bank		Chatt Br, red Ocm F Inc	refined earthenwares, glass, porcelain, glass beads, metal, chert; LArch, FW, hist Amer	White 1981, Franks and Yakubik 1987
8Ja37	Hudson (J-35)	Chatt 17.2, W bank	Telmo- chesses? 1818	Chatt Br	chert; Wd?	Bullen 1950; White 1981
8Ja296	Night	Chatt 16.9, W bank		Chatt Br	black glass, whiteware; Wd?	White 1981
9Se77	One Mile	Chatt 15.2, E bank		Chatt Br, shl-t, cobmk, Lam Pl,	whiteware, majolica; Arch, MArch, LArch, MWd, FW?	White 1981

Site No.	Site Name	R. Mi, Location	Town	Ceramics	Other Artifacts, Components	References
9Se14	Fairchild's Ldg	Chatt 11.5, E bank	Fowltown 2? 1820	Chatt Br	European crockery; glass, iron nails	Caldwell et al. 2014; Boyd 1958
8Ja309	Peeper	Chatt 10.5, W bank	Econchati- mico's Reserve, 1818-1836	Chatt Br	refined earthenware	White 1981
8Ja30	Anthony/Flint. St. (J-28) Pk. #1	Chatt 9.9, W bank		Chatt Br, cobmk	stoneware, black glass, chert; FW?	Bullen 1950; White 1981
8Ja31	Wendell Spence/ (J-29) Flint. St. Pk. #2	Chatt 9.5, W bank, 500 m W		Chatt Br	stoneware, salt-glazed earthen-ware, chert	Bullen 1950; White 1981
8Ja32	Port Jackson (J-30)	Chatt 9.5, W bank		Chatt Br	stoneware, chert	Bullen 1950
8Ja270	Sawgrass Circle	Chatt 9.4, W bank		Chatt Br	black glass	White 1981
8Ja27	Arnold #5 (J-25)	Chatt 8, W bank		Chatt Br	stoneware, chert	Bullen 1950; Buffington 2009
8Ja25	Chattahoochee #4 (J-23)	Chatt 7.5, W bank		Chatt Br	shl-t, chert	Bullen 1950; Buffington 2009
9Se2	Unnamed	Chatt 8.4, E bank	?	Chatt Br, cobmk	shell; Wd?	White 1981
9Se113	Butler's Ferry Boat Channel	Chatt 8.4, E bank	?	Chatt Br; FW Inc		White 1981
9Se3	Butler's Ferry Island	Chatt 8.3, E bank	?	Chatt Br, shl-t, cobmk? Lam Pl	fauna, shell; Arch? LWd, FW, Lam?	White 1981
9Se116	Gator Slough South	Chatt 6.6, E bank	?	Chatt Br	whiteware, chert	White 1981
9Se24	Point Bluff	Chatt/Flint 3, in forks	Cherokee- leechee's Town, 1716-17	Chatt Br; red; Ocm F Inc; cobmk,	colonoware, 1 majolica, clay pipe, glass, stoneware, iron, gunFlintints, chert; EWD?	White 1981
9Se27	Underwater Indian Md	Chatt 2.7, 670 m E, on ridge top, in forks	?	Chatt Br; red	chert; EWd, MWd, LWd, FW	White 1981
9Se21	Below Turkey Patch	Chatt 2.6, E bank	Tamatle/ Tamaxle 1738?	Chatt Br	EWd, MWd	White 1981
8Ja5	Jim Woodruff (J-2)	Chatt 0, W bank	San Carlos Chacatos?	Chatt Br, shell-t	chert, iron; EWd, MWd, LWd	Bullen 1950; White 1981
8Ja60	State Hospital (J-3) Farm	Chatt 0; W bank, bluff, 800 m W	1686? Tomatley 1778- 1818?	Chatt Br, red, cobmk, shell-t, Ocm F Inc	Lam C-St? EWd, MWd, FW	Bullen 1950; White 1981
9Dr3	Chason's Blue Spring	Flint 24, E bank	Oklafunee/ Coxpur, 1778; Borges Town? 1760-1803	Chatt Br, red, Ocm F Inc?	U.S. military button, chert; Paleo? EArch, LArch, Wd	White 1981
9Dr4	Chason Plantation	Flint 23.9; E bank, 200 m S of 9Dr3		Chatt Br, red, Lam(?) Pl;	majolica, olive jar, kaolin pipes, glass, whiteware, metal; LWd? Protohist?	White 1981
9Dr157	A&A	Flint 23.9, W bank	?	Chatt Br	black glass; LWd?	White 1981
9Dr124	East End	Flint 17, E bank	?	Chatt Br	black glass, whiteware, chert	White 1981
9Dr199	Presnell	Flint 13.5, S/E bank, 1.8 km S	Fowltown? 1817?	Chatt Br	chert; EArch, LWd?	White 1981
9Dr33	Ten Mile Still Ldg #2	Flint 12.9, N bank		Chatt Br	fauna; LWd?	White 1981

Site No.	Site Name	R. Mi, Location	Town	Ceramics	Other Artifacts, Components	References
9Dr46	Ten Mile Still Ldg #6/Patterson's	Flint 12.2, N bank	Indians settled around Fort Scott? 1816-21?	Chatt Br	whiteware, chert; MWd, FW	White 1981
9Dr48 (Dr27)	Unnamed	Flint 11.4, N bank, terrace near spring		Chatt Br, red, Lam C-St?	whiteware, chert; Lam?	White 1981
9Dr6	Big White Springs	Flint 10.7, N bank		Chatt Br	chert; LArch, MWd, Wd?	White 1981; GA site file
9Dr8	Fort Scott	Flint 10, N bank on bluff	Fort Scott, 1816-21	Chatt Br, red, shl-t pl	brick, glass, iron, military items, weapons, porcelain, refined earthenwares; LArch, EWd, MWd, LWd? FW?	White 1981
9Se11	Sealy Plantation	Flint 4.5, N/W bank, 1.5 km N, on Spring Cr	?	Chatt Br	metal frags; LWd	White 1981
9Se29	Cotton Ldg	Flint 3.3, N/W bank	?	Chatt Br		GA site file
8Ja7	Curlee	Ap 105.8, W bank	landing for San Carlos 1686? Wioupkus 1757? Tomatley 1778-1818?	Chatt Br, Lam, red	olive jar, glass beads, black glass, metal, kaolin pipes	White 1982
8Ja391	Pope Cabin	Ap 105, W bank		Chatt Br	transfer print, delft, whiteware; radiocarbon date 1690-1810; FW	Ward 1989
8Gd137	Miles	Ap 105, E bank, 2.2 km ESE on high bluff, on Mosquito Crk	in 1814 Nicolls' Outpost?	Chatt Br? ("Creek pot")		FL site file
8Gd279	Interstream	Ap 103.4, E bank	Tomatley, 1767?	Chatt Br	chert	FL site file
8Gd280	Sore Eye	Ap 103.9, E bank		Chatt Br	chert; EWd-LWd, FW, Lam?	FL site file
8Ja1763	Flinttlock	Ap 102.5, in river	wrecked boat	Chatt Br, shl-t, flanged bowl (Choctaw?)	Kaskaskia pt, glass bottles, iron tools, pewter spoons, silver jewelry, gun parts; FW	Horrell et al. 2003
8Ja417	Thick Greenbriar	Ap 100.3, W bank	Tomatley? 1778-1818	Chatt Br	glass beads, iron spike; FW, Protohist	Rodriguez 2004; White 2000
8Ca43	Cypress Stump	Ap 93.8, W bank	Hyhappo/Savannah 1778; Ocheesee, 1815	Chatt Br; shl-t pl	FW	Buffington 2009
8Ca8	Ocheesee Ldg	Ap 93.7, W bank		Chatt Br; Lam?	brick, hist crockery, chert; Wd? FW	White 2018
8Ca5	Atkins Ldg	Ap 89.9, W bank		Chatt Br?	FW? mound?	Buffington 2009
8Ca34	Graves Creek	Ap 88.8, W bank		Chatt Br	chert, glass, tranfer print, shell-edge, porcelain; LArch	Buffington 2009
8Li76	St. Stephens Church	Ap 87.9, E bank, 150 m E on bluff		Chatt Br, cobmk	LArch, MWd? FW	Maymon et al. 1996
8Ca3	Cayson	Ap 78.5, W bank	Ehawho-hales/Spanawalka/Blunt's Reservation, 1814-34	33 Chatt Br	FW temple md	Brose et al. 1976
8Ca26	Dead Dog	Ap 77, W bank, 1200 m W on stream		Chatt Br; red	chert, brown glass, porcelain	Buffington 2009
8Ca27	Windy Pines	Ap 77, W bank, 270 m W of 8Ca26		Chatt Br		Buffington 2009
8Ca6	McClellan	Ap 74.2, W bank, 600 m W		Chatt Br; Ocm F Inc; Lam?	black, clear glass; transfer print; porcelain, lead shot	Buffington 2009

<i>Site No.</i>	<i>Site Name</i>	<i>R. Mi, Location</i>	<i>Town</i>	<i>Ceramics</i>	<i>Other Artifacts, Components</i>	<i>References</i>
8Ca149	John A. McClellan	Ap 72.2, W bank, 800 m SW on crk		Chatt Br; OcmFInc,	stoneware, porcelain, shell-edge, chert, fauna; Wd?	FL site file; Buffington 2009
8Fr64	Prospect Bluff/ Ft. Gadsden	Ap 20, E bank	Achack-weithle/	Chatt Br; shell-t	crockery, glass, brick, metal; Amer fort also	FL site file; Poe 1963
8Fr798	USFS #86-10	Ap 20, E bank, 100 m E	Negro Fort, 1804? to 1816	Chatt Br		FL site file
8Fr739	Bloody Bluff S	Ap 15.7, E Bank	in Negro Fort?	Chatt Br?	transfer print, chert; Arch?	White 1996a; FL site file
8Fr836	Nagel 5	0; St. V Sound shore	from transient Indians "removed" (1830s) to the west?	Chatt Br	FW	FL site file
8Fr365	St. Vincent 6	0; St. Vincent I shore		Chatt Br, red, Lam; shl-t, cobmk, Pens Inc	shell midden; LArch, EWd? MWd, LWd, FW, Lam	White and Kimble 2017
8Fr369	St. Vincent 10	0; St. Vincent I shore		Chatt Br, Lam?	shell midden; whiteware, gunflints, iron; FW	White 2018
8Gu276	St. Joseph Wharf	0; St. Joe Bay shore		Chatt Br	1836-44 Amer town	FL site file

APPENDIX A. Chronometric dates from archaeological sites in the region (oldest to youngest by Intercept column; all are radiocarbon dates except where indicated).

<i>Culture</i>	<i>Site name, number</i>	<i>Provenience</i>	<i>Material; yr dated</i>	<i>Associated materials</i>	<i>Raw date (yrs B.P.)</i>	<i>Calibrated date range*</i>	<i>Intercept(s)</i>	<i>Lab #**</i>	<i>Reference; comments</i>
LArch (precer?)	McKinnie, 8Ja1869	F 2, in cr bank, base of midden, -70 cm	char; 2014	Hamilton pt	4720±30	3630-3555 B.C. 3535-3495 B.C. 3460-3375 B.C.	3520 B.C.	390741	Prendergast 2015
LArch?	Singer Mound, 8Fr16 (within Fr14 Pierce complex)	TUSing1 L6 -120 cm, in subsoil below FW burial md	char; 2017	1 grog-t pl cer	4480±30	3345-3085 B.C. 3065-3025 B.C.	3305 B.C. 3300 B.C. 3280 B.C. 3275 B.C. 3265 B.C. 3240 B.C. 3105 B.C.	478618	White 2018; disturbed early deposits? sub-mound natural stratum?
LArch (precer?)	Clark Creek, 8Gu60	TUB L11, -165 to -173 cm, shl mid	.3 g char pine, nut shl; 1989	no cer; L 10 (15 cm above) had 4 f-t, 4 f-t s-st; 1 sand-t pl cer	3970 ±160	2900-1980 B.C.	2470 B.C.	31785	White 1994; 4x counting time to reduce error
LArch	St. Stephen's Church, 8Li76	Block F, L10, -109 to 119 cm	char; 1996	f-t cer	3750 +100	2460-1890 B.C.	2140 B.C.	87228	Maymon et al. 1996
LArch	Sam's Cutoff, 8Fr754	TU1 L3, -30 to -42 cm	fiber in f-t sherd; 1994	f-t cer, chert microtools; oyster shl mid	3630±60	2290-1930 B.C.	2130 B.C. 2070 B.C. 2060 B.C.	68513	White 2003a; White & Estabrook 1994
LArch	McKinnie, 8Ja1869	TUB Floor 3, -50 cm	char; 2015	Levy or Pickwick? pt	3360±30	1735-1715 B.C. 1695-1610 B.C. 1575-1565 B.C.	1640 B.C.	399314	Prendergast 2015
LArch?	Roy Whitfield, 8Gu52	TUA L5, -30 to -45 cm	char 2020	1 chert flake, 2 sand-t pl cer	3190±30	1510-1410 B.C.	1560 B.C.	ICA20C/1183	Blackburn 2021; mixed deposits?
LArch	Van Horn Creek, 8Fr744	TU3 L10, -144 cm, at water table	<1 g char; 1994	f-t cer, oyster shell mid	3170+60	1530-1300 B.C.	1420 B.C.	73523	White 2003a
LArch	Van Horn Creek, 8Fr744	TU3 L11, -144 to -150, below water table	<1 g wood char; 1998	chert flake, 1 f-t; oyster shell mid	3150±50	1510 B.C.- 1295 B.C.	1415 B.C.	119067	White 2003
LArch	Chattahoochee River 1, 8Ja8 (J-5)	Zone 9, -2.3-2.6 m, freshwater shl mid	char; 1958	f-t, St. Johns cer; steatite sherds; pts; chert tools	3150 +250*	1718-1094 B.C.*	1406 B.C.*	U Michigan	Bullen 1958
LArch	Depot Creek, 8Gu56	TUC L7, -88 to -106 cm	1.9 g pine char; 1988	f-t s-st cer; rangia shl mid	2970±80	1410-930 B.C.	1170 B.C.	26899	White 1994
LArch	McKinnie 8Ja1869	eroding creek bank	organics in f-t sherd; 2015	? (private collection)	2930±30	1220-1020 B.C.	1120 B.C.	399313	Prendergast 2015

<i>Culture</i>	<i>Site name, number</i>	<i>Provenience</i>	<i>Material; yr dated</i>	<i>Associated materials</i>	<i>Raw date (yrs B.P.)</i>	<i>Calibrated date range*</i>	<i>Intercept(s)</i>	<i>Lab #**</i>	<i>Reference; comments</i>
LArch	Thank-you-ma'am Creek, 8Fr755	surface of oyster & rangia shl mid	black residue on steatite sherd; 2017	f-t pl, f-t s-st cer, later components	2760±30	980-830 B.C.	905 B.C.	478616	White 2018
EWd	Lost Dog, 8Fr820	TUC F1 N ½	<1 g char; 1992	2 ch-st, 1 grog-t pl cer in L above; shell frags	2530+60	805-415 B.C.	770 B.C.	50871	Parker 1994
EWd	Depot Creek, 8Gu56	TUB L7, -90 to -105 cm	<1 g char; 2017	2 ch-st, 1 sst cer; rangia shell mid	2440±30	755-680 B.C. 670-610 B.C. 595-405 B.C.	535-520 B.C.	455689	Kingsland 2017, White 1994
EWd	Depot Creek, 8Gu56	TUC L3 -33 to -47 cm	7.6 g char pine, nutshl; 1988	s-st, ch-st cer; rangia shl mid	2010 ±100	350-310 B.C. 210 B.C.-A.D. 230	A.D. 1	26898	White 1994
EWd?	Keene Dog Pond, 8Ja1848	TUA L6, -45 to -90 cm	4 g char; 2011	17 chert flakes; below Bolen pt	1970±30	40 B.C.-A.D. 80	A.D. 30	305230	Kelley 2013; erroneous?
?	Omusee Cr Md, 1Ho27/101	pre-mound level, F1 Pit 1; mixed strata?	freshwater shl; ca. 2004	FW, shl-t cer	1650±50	A.D. 20-240	A.D. 130*	154046	Blitz & Lorenz 2006; erroneous
?	Corbin-Tucker, 8Ca142	TUE cemetery	<1 g char; 1990	char under copper disc near FW burial	1840 ±110	50 B.C. - A.D. 420	A.D. 135	40905	White 1994; erroneous?
EWd	Paradise Point 8Fr71	lower mid, -1.5 m?	oyster shl; 1994	oyster shl mid	1780±80	A.D. 77-259	A.D. 168	70095	Walker et al. 1995
EWd	Yellow Houseboat, 8Gu55	human burial in shl midden	rib frag; 2018	rangia shl mid, no grave goods	1830±30	A.D. 80-320	A.D. 178*	ICA18B/03100	White 1994; USF archaeology lab
EWd	Waddell's Mill Pond, 8Ja65	pit feature with ash, burned bone	char; 1980s	red clay floor 10, earliest floor in Wd md	1780±80	A.D. 65-420	A.D. 240	I-13,589	Tesar and Jones 2009
MWd?	Richardson's Hammock, 8Gu10	Burial WC1 in mound	bone; 2020	Wd and FW artifacts	1750±30	A.D. 230-410	A.D. 320	ICA20B/0925	White et al. 2022
MWd	Richardson's Hammock, 8Gu10	Burial TJ1 in mound	bone; 2020	Wd and FW artifacts	1700±30	A.D. 250-420	A.D. 346	ICA20B/0926	White et al. 2022
MWd	Yon, 8Li2	400 m upriver from md, Profile B	char? 1974?	"Swift Creek midden"	1680±30	A.D. 74-617	A.D. 350	DIC92	Brose et al. 1976; Du Vernay 2011
MWd	J-Y Field, 8Ja63	?	char; 1958	SwCr, eWl cer	2300 ±250?	A.D. 81-705*	A.D. 393*	U Michigan	Bullen 1958
MWd	Overgrown Road, 8Gu38	TU1 F4	16 g oak char, 1988	SwCrC-st, pl cer, chert flakes, quartz hemisphere(?) frag	1650±50	A.D. 260-290 A.D. 320-540	A.D. 410	25771	White 1994
MWd?	Otis Hare, 8Li172	TU1 L5, -132 to -137 cm	~15 g pine char; 1991	61% ch-st, 36% pl, Wl Inc, Keith, indet inc, punc cer	1660±80	A.D. 220-570	A.D. 395	46704	White 2018 (prob erroneous date)
MWd?	Roy Whitfield, 8Gu52	TUA L4, -25 to -30 cm	char, 2020	ch-st, pl cer	1620±30	A.D. 400-550	A.D. 475	ICA20C/1182	Blackburn 2021; mixed w EWd; near 8Gu41 Howard Cr mound

<i>Culture</i>	<i>Site name, number</i>	<i>Provenience</i>	<i>Material; yr dated</i>	<i>Associated materials</i>	<i>Raw date (yrs B.P.)</i>	<i>Calibrated date range*</i>	<i>Intercept(s)</i>	<i>Lab #**</i>	<i>Reference; comments</i>
?	Coe's Landing 8Ja137	River Cut C, midden L 0-1	char; 1979?	FW, ch-st cer	1570 ±315	A.D. 92-760*	A.D. 426*	DIC-654	Brose 1980; FL BAR; erroneous?
MWd	Paradise Point, 8Fr71	upper part of lower mid; ca. -100 cm	crown conch shl; 1974	SwCrC-St (late) cer; "middle midden"	1500±60	A.D. 427-576	A.D. 500	70097	Walker et al. 1995
MWd	Otis Hare, 8Li172	TU2 F15	char; 1991	SwCrC-St, pl cer	1580±80	A.D. 261-640	A.D. 430 A.D.490 A.D.510 A.D.515 A.D.530	46706	White 2018
LWd?	Curlee, 8Ja7	Mid Cut 2, ~ -40 cm	char; 1980	ch-st, FW cer, 6 chert flakes, freshwater shell mid	1550±85	A.D. 415-579*	A.D. 497*	DIC1049	White 1982; prob erroneous
MWd	Paradise Point, 8Fr71	upper part of lower mid	crown conch shl; 1994	SwCrC-St (late) cer; "middle midden"	1430±50	A.D. 526-637	A.D. 582	70096	Walker et al. 1995
MWd?	Keene Dog Pond, 8Ja1848	TUA L4, -45 to -60 cm	7.5 g char; 2011	Bolen Beveled pt	1540±60	A.D. 400-600	A.D. 540	302264	Kelley 2013; erroneous?
MWd	Otis Hare, 8Li172	TU1 L14, -196 to -207 cm	~35 g pine char; 1991	16 SwCrC-St, 2 ch-st, 1 indet inc, 57 pl cer	1530±50	A.D. 415-640	A.D. 545	46705	White 2018
LWd?	Chattahoochee Ldg, 8Gd4	Md1 Feature	soil organics; 2011	ch-st cer, chert flakes in adjacent stratum	1500±30	A.D. 540-620	A.D. 570	306923	White 2011a; erroneous, prob LWd
MWd	Otis Hare, 8Li172	TU1 F22 (below mid)	char; 1991	1 SwCrC-St, 2 pl cer	1480±70	A.D. 420-665	A.D. 595	46703	White 2018
M-LWd?	Waddell's Mill Pond, 8Ja65	Area C md	char; 1980s	ash, etc., atop red clay Floor 6 in Wd md	1460±80	A.D. 420-680	A.D. 605	I-13,623	Tesar and Jones 2009; erroneous?
MWd	St. Vincent 5, 8Fr364	TUA L10, -90 to -110 cm	char; 2010	ch-st, pl cer; oyster shl mid	1430±40	A.D. 560-660	A.D. 640	281913	White & Kimble 2017
MWd	Gotier Hammock, 8Gu2	TU2 L5, in mound, -50 cm	residue on pot; 2013	from grog-t pl bowl exterior in burial md	1420±30	A.D. 600-660	A.D. 640	359160	USF archaeology lab
MWd	Gotier Hammock, 8Gu2	TU2 L5, in mound, -50 cm	residue on pot; 2009	from Basin Bayou Incised pot exterior in burial md	1380±40	A.D. 610-680	A.D. 650	257057	White 2010
MWd	Otis Hare, 8Li172	TU1 L13, -183 to -186 cm	char in dog coprolite, 2018	164 SWCrC-St, 6 indet inc, 491 pl cer	1370 ± 23	A.D. 620-690	A.D. 655	PRI-5859	White 2018
MWd	Richardson's Hammock, 8Gu10	Burial HJ5 in mound	bone, 2020	Wd and FW artifacts	1360±30	A.D. 610-770	A.D. 658*	ICA 20B /0758	White et al. 2022
MWd-LWd	Otis Hare, 8Li172	TU1 L9, -153 to -159 cm	char; 2018	ch-st, SwCrC-St, Keith, Carr, WI Red cer	1350±30	A.D. 630-720 A.D. 740-770	A.D. 675 A.D. 755	ICA 18C /0626	White 2018
LWd	Sycamore, 8Gd13	Zone C, (lower 20 cm) under house	char? 1974	35% ch-st, 40% pl, 3% SwCrC-St, 15% f-t, Keith, Carr cer	1295±85	A.D. 610-890	A.D.680	I-7257	Milanich 1974
MWd-LWd	Paradise Point, 8Fr71	upper part of lower shl mid	oyster shell; 1982	SwCrC-St (late); "middle midden"	1320±50	A.D. 639-708	A.D. 674	3967	Braley 1982; Walker et al. 1995

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MWd-LWd	St. Vincent 5, 8Fr364	TUA L9, -80 to -90 cm	oyster shell; 2017	indet inc, pl cer; oyster shl mid	1890±30	A.D. 600-800	A.D. 700*	281913	Hadden & Cherkinsky 2017
LWd	Otis Hare, 8Li172	TU1 L6, -137 to -143 cm	14.5 g wood char; 1992	40% ch-st, 56% pl, SwCrC-St, WI Inc, Keith, Carr cer	1210±80	A.D. 657-1015	A.D. 780	51841	White 2018
LWd	Sunstroke, 8Li217	TUA Floor 6	char; 1997	60-70% ch-st, pl, freshwater shl mid	1220±90	A.D. 650-1005	A.D. 800	110361	USF archaeology lab
LWd-FW	Sycamore, 8Gd13	Zone B (upper 20 cm) under house	? 1974	46% ch-st, 40% pl, 2% SwCrC-St; cobmk, Carr, Keith, f-t cer	1145±85	A.D. 680-1030	A.D. 890	I-7254	Milanich 1974; mixed components
LWd-FW	Sycamore, 8Gd13	fire pit within house	char; 1974	cobmk, ash, fauna	1125±85	A.D. 690-1040	A.D. 900 A.D. 920 A.D. 950	I-7256	Milanich 1974
LWd-FW	St. Vincent 5, 8Fr364	TUA L4, -30 to -40 cm	char; 2010	Keith, ch-st, fabmk, pl cer; oyster shell mid	1110±40	A.D. 870-1010	A.D. 900 A.D. 920 A.D. 960	284835	White & Kimble 2017
LWd-FW	Richardson's Hammock, 8Gu10	burial mound	residue on ch-st jar; 2018	Wd and FW artifacts	1120±30	A.D. 770-1000	A.D. 930	ICA180/1040	White et al. 2022
LWd-FW	Van Horn Creek 8Fr744	TU1 L6, -65 to 81 cm	~1 g char; 1988	1 ch-st, 1 f-t cer; shl mid	1120±75	A.D. 770-1030	A.D. 960	26897	White 1994; mixed components
LWd-FW	Yon, 8Li2	no data	no data; 1975?	no data	1110±70	A.D. 712-1037	A.D. 900 A.D. 980	DIC658	Du Vernay 2011
LWd-FW	Otis Hare, 8Li172	TU2 L9, -105 to -111 cm	1 g char; 2020	22% ch-st, 64% pl, 15 SwCrC-St, 4 Keith, 1 Carr, 1 WI Punc, 1 WI Inc, 5 WI Red cer	1110±30	A.D. 870-1020	A.D. 945	ICA20C/0466	White 2018
LWd-FW	Richardson's Hammock, 8Gu10	Burial WC2	bone, 2020	Wd and FW artifacts	1095±15	A.D. 893-995	A.D. 947*	PSUAMS 7852	White et al. 2022
LWd-FW	Otis Hare, 8Li172	TU5 L7, -129 to -134 cm	.4 g char; 2020	SwCrC-St, ch-st, Keith, indet inc, mostly pl cer	1090±40	A.D. 780-1030	A.D. 950	ICA20C/0467	White 2018
LWd-FW	Richardson's Hammock, 8Gu10	TUE L4 (N end), near burial md; -60-80 cm	char; 2018	SwCrC-St, pl cer	1090±30	A.D. 890-1020	A.D. 955	ICA18C/0625	White 2018
LWd-FW	St. Stephen's Church, 8Li76	Blocks A/E, F29-1	char; 1996	ch-st, pl cer, freshwater shell mid	1110±60	A.D. 790-1025	A.D. 970	87227	Maymon et al. 1996
LWd-FW	Richardson's Hammock, 8Gu10	Burial HJ4	tooth, 2020	Wd and FW artifacts	1050±30	A.D. 900-1030	A.D. 979*	ICA20T/0757	White et al. 2022
LWd-FW	Sycamore, 8Gd13	around hearth in house	char; 1974	50% ch-st, 42% pl, 1% SwCrC-S, 2% cobmk, Keith, Carr	1090±85	A.D. 770-1140	A.D. 980	I-7253	Milanich 1974
LWd-FW	Sycamore, 8Gd13	feature outside house	char; 1974	cooking rocks	1090±85	A.D. 770-1140	A.D. 980	I-7252	Milanich 1974

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LWd-FW	St. Stephen's Church, 8Li76	Block F, F3-1	char; 1996	ch-st, pl cer; lithic debitage	1090±50	A.D. 875-1025	A.D. 980	87226	Maymon et al. 1996
LWd-FW	Sycamore, 8Gd13	fire pit outside house	char; 1974	faunal remains	1055±85	A.D. 780-1160	A.D. 990	I-7255	Milanich 1974
FW	Corbin-Tucker, 8Ca142	F1 (refuse pit) Stratum II, village	5 g pine char; 1989	ch-st, pl cer, fauna, freshwater shell	1080± 90	A.D. 770-1155	A.D. 980	30633	White 1994
FW	Corbin-Tucker, 8Ca142	F1 (refuse pit) Stratum I, village	1.7 g pine, pine pitch char; 1994	ch-st, pl cer, fauna, freshwater shl	1060± 80	A.D. 800-1170	A.D. 1000	68757	White et al. 2012
FW	Yon, 8Li2	no data	char? 1974?	no data	1030 ±105	A.D. 730-1221	A.D. 1000	DIC656	Du Vernay 2011
FW	Cayson, 8Ca3	wall trench S of mound	char; 1973	ch-st, FW cer	1000±70	A.D. 893-1206	A.D. 1010	DIC93	Brose et al. 1976; Du Vernay 2011
FW	Yon, 8Li2	burned floor in FW mid	char? 1974	FW cer	980±105	A.D. 784-1264	A.D. 1020	DIC114	Du Vernay 2011
FW	St. Stephen's Church, 8Li76	Block D, F 79-1, freshwater shl mid	char; 1996	ch-st, Carr, cordmk, cobmk cer	1010±80	A.D. 885-1215	A.D. 1020	87230	Maymon et al. 1996
FW	Otis Hare, 8Li172	TU1 L4, -83 to -90 cm	9.6 g wood char; 1992	54% ch-st, 38% pl, 2 Keith, 2 WI Red, 1 SwCrC-St cer	1010±60	A.D. 895-1160	A.D. 1020	50729	White 2018
FW	Singer Md, 8Fr16 (Pierce complex Fr14)	TUSing1 L5W1/2 (base of md slope)	char; 2017	2 sand&grog-t pl cer, oyster shell; FW burial md	1000±30	A.D. 983-1152	A.D. 1020	478617	White 2018
FW	Yon, 8Li2	TU 95A, F95-9	17 g char; 1996	char line around burial in md slope	1020±60	A.D. 970-1195	A.D. 1025	91164	White 1996; Du Vernay 2011
FW	Richardson's Hammock, 8Gu10	Burial HJ3	bone, 2020	Wd and FW artifacts	1000±15	A.D. 992-1121	A.D. 1026*	PSUAMS 7853	White et al. 2022
FW	Richardson's Hammock, 8Gu10	Burial HJ1	tooth; 2020	Wd and FW artifacts	1000±20	A.D. 992-1149	A.D. 1039*	PSUAMS 7818	White et al. 2022
LWd/ FW	Sycamore, 8Gd13	pit inside house	charred flora; 1974	acorn, hickory, plum, maize frags dated	955±85	A.D. 900-1240	A.D. 1040	I-7258	Milanich 1974 (no FW cer from site)
FW	Cayson, 8Ca3	feature in low mound, above levels with postmold structures	char; 1974	FW cer, maize	900±100	A.D. 903-1284	A.D. 1020 A.D. 1100 A.D. 1160	DIC94	Brose et al. 1976; Du Vernay 2011
FW	Cayson, 8Ca3	clay plug in wall trench N of md	char; 1974	FW cer	940±145	A.D. 775-1380	A.D. 1050	DIC44	Brose et al. 1976; Du Vernay 2011
FW	Pierce Mound F	TU11A L3, -30 to -45 cm	char; 2017	sand-t pl cer	930±30	A.D. 1025-1165	A.D. 1050 A.D. 1085 A.D. 1125 A.D. 1140	478619	White 2018

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							A.D. 1150		
FW	Chattahoochee Ldg	Md 1 base, Stratum VI, -80cm	char; 2021	ch-st	900±30	A.D. 1040-1220	A.D. 1130	ICA14C-5429	White 2021b
FW	Yon, 8Li2	lower FW mid	char? 1974?	no data	900±120	A.D.888-1378	A.D. 1040 A.D. 1100 A.D. 1180	DIC95	Du Vernay 2011
FW	Yon, 8Li2	TU 95A F95-9	45.2 g char; 1996	char line around burial in md slope	970+50	A.D. 1010-1225	A.D. 1055 A.D. 1090 A.D. 1150	91165	White 1996; Du Vernay 2011
FW	Chattahoochee Ldg, 8Gd4	looter backdirt from tunnel into Md2, ca. 1 m above base	deer bone; 2018	ch-st, pl cer; black mid, freshwater shl	910±30	A.D. 1030-1210	A.D. 1155	490198	White 2018
FW	Waddell's Mill Pond, 8Ja65	under "Burial 1" skull, -130 cm	char; 1980s	FW intrusive burial in Wd md	910±80	A.D. 985-1270	A.D. 1155	I-13,615	Tesar and Jones 2009
FW	Pierce, 8Fr14	shell mid ridge, W of Md D? 0 to -10 cm	char; 2017	oyster, clam shl, pl cer	900±30	A.D. 1039-1210	A.D. 1155	478620	White 2018
FW	Cayson, 8Ca3	Profile Cut E into edge of platform md	char; 1974?	FW cer?	840±65	A.D. 1040-1276	A.D. 1180	DIC45	Brose et al. 1976; Du Vernay 2011
FW	Richardson's Hammock, 8Gu10	Burial HJ2	bone, 2020	Wd and FW artifacts	850±30	A.D. 1050-1260	A.D. 1197*	ICA 20B /0756	USF archaeology lab
FW	Yon, 8Li2	TUI F4 (pit)	~16.9 g char; 2007	FW cer, lithics	860±40	A.D. 1040-1260	A.D. 1200	235137	Du Vernay 2011
FW	Yon, 8Li2	TUG F4 (pit)	1.3 g char; 2001	pl cer, poss refuse pit	850±40	A.D. 1050-1270	A.D. 1200	154364	Du Vernay 2011
FW	Singer Mound, 8Fr16 (Pierce complex Fr14)	TUSing1 L5 E half, base of md slope	char; 2017	pl cer, oyster shell	840±30	A.D. 1150-1260	A.D. 1205*	ICA17C/1127	White 2018
FW	St. Stephen's Church, 8Li76	Block B, F 9-1, freshwater shl mid	char;1996	ch-st, pl, cobmk, Tucker cer; 1 maize kernel	860±80	A.D. 1015-1290	A.D. 1205	87229	Maymon et al. 1996
FW	New Pass, 8Fr27	TU5N495E L1	100 g oyster shl; 1992	FW, Lam cer	680±50	no range given	A.D. 1209	38689	Barton 1992; Tesar 2010; (typo in thesis?)
FW?	Jackson Mound, 8Fr15	TU1 L3, base of md slope	char; 2014	pl, indet inc cer; MWd md w/ intrusive FW	840±30	A.D. 1160-1260	A.D. 1220	371787	USF archaeology lab
FW	Chattahoochee Ldg, 8Gd4	Md 4 Profile 2, dark lower layer	char; 2018	Cotaco Creek pt, chert flakes	810±30	A.D. 1160-1270	A.D. 1225*	ICA18C/03101	White 2011b
FW	Richardson's Hammock, 8Gu10	Burial TJ100	bone	Wd and FW artifacts	800±30	A.D. 1180-1280	A.D. 1230	ICA20B/0759	White et al. 2022
FW	Paradise Point, 8Fr71	upper midden	oyster shl; 1994	FW cer	770±60	A.D. 1180-1285	A.D.1233	70098	Walker et al. 1995

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FW	Yon, 8Li2	TU95A md Stratum VIII	2.6 g char; 1996	earliest basketload in md; grit-t pl, poss cobmk cer	820±50	A.D. 1065-1285	A.D. 1235	91844	White 1996; Du Vernay 2011
FW	Curlee, 8Ja7	TU4-6S, stratum III d	char; 1980	FW, ch-st cer	760±50	A.D. 1216-1273*	A.D. 1244*	DIC1048	White 1982
FW	Yon, 8Li2	TUD F95-17 postmold	.5 g char; 1997	pl cer, daub	800±60	A.D. 1065-1295	A.D. 1250	110362	Du Vernay 2011
FW	Waddell's Mill Pond, 8Ja65	F1, -65 cm, L3, Area C	char; 1980s	2 nd -earliest FW level atop Wd md	790±80	A.D. 1040-1385	A.D.1255	I-13,625	Tesar and Jones 2009
FW	Cayson, 8Ca3	deep midden, L8	char; 1973	FW cer	770±60	A.D.1054-1386	A.D. 1260	DIC46	Brose et al. 1976; Du Vernay 2011
FW	Pope Cabin, 8Ja391	TU L2, -110-120 cm	164 g char; 1988	FW cer, flakes	790±80	A.D. 1040-1380	A.D. 1260	***	Ward 1989
FW	Pierce Mounds, 8Fr14, E Village	core, 50 m SE of Md H, -100 cm	char in shl; 2006	ch-st, pl cer; marsh clam shell mid	750±40	A.D. 1220-1300	A.D. 1270	221908	White 2013
FW	New Pass, 8Fr27	TU5N495E L5	100 g oyster shl; 1992	FW, Lam cer	840±50	no range given	A.D. 1284	38690	Barton 1992; Tesar 2010
FW	Richardson's Hammock, 8Gu10	TUB L3, -20 to -30 cm	char; 2004	FW cer; lg-gastropod shl mid	650±40	A.D. 1280-1400	A.D. 1300	191276	White 2005
FW	Yon, 8Li2	"Fort Walton midden"	char? 1974?	no data	640±70	A.D. 1251-1426	A.D. 1300 A.D. 1370	DIC655	Du Vernay 2011
FW	Thick Greenbriar, 8Ja417	TU2 L6, - 200 cm	11.7 g char; 1997	FW cer, maize, persimmon frags	630±70	A.D. 1270-1430	A.D. 1310 A.D. 1355 A.D. 1385	110360	White 2000
FW	Gotier Hammock 8Gu2	TU3 F09-1, mid area	char; 2009	ch-st, pl cer	610±40	A.D. 1290-1420	A.D. 1320 A.D. 1350 A.D. 1390	262382	White 2010
FW	Wildfire, 8Gu229	TU1 L2, -10 to -20 cm	8.6 g char in whelk shl, 2013	FW cer; lg-gastropod shell mid	600±30	A.D. 1290-1410	A.D. 1320 A.D. 1350 A.D. 1390	362163	Novell and White 2013
FW	Gartner, 8Gu66	pot eroding out of riverbank	residue on pot exterior; 2017	one other plain pot	580±30	A.D. 1300-1370 A.D. 1380-1415	A.D. 1330 A.D. 1340 A.D. 1395	454258	USF archaeology lab
FW	Richardson's Hammock, 8Gu10	TUC, L5, near MWd burial mound	charcoal, 2023	plain sherd	530±30	A.D.1320-1440	A.D. 1380*	ICA14C/7063	White et al. 2002
FW	Pierce Md B, 8Fr14	looter backdirt	char; 2018	ch-st, pl cer, quartzite tools, fauna	510±30	A.D. 1320-1350 A.D. 1390-1450	A.D. 1385	ICA18C/0624	White 2013; USF archaeology lab
FW	Paradise Point, 8Fr71	Stratum II, upper mid	sand (OSL date); 2012	FW cer	550±50	A.D.1350-1450	A.D.1400*	(OSL date)	White & Kimble 2017

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FW	Chattahoochee River 1, 8Ja8 (J-5)	Zone 4 (FW zone)	char; 1958	FW cer, poss house pattern	550±200?	A.D.1255-1605*	A.D. 1430*	U Michigan	Bullen 1958
FW; proto-hist?	Waddell's Mill Pond, 8Ja65	TU 9, Area A near cave mouth	char; 1980s	in trash pit with child burial	490±80	A.D.1295-1630	A.D.1430	I-13,624	Tesar and Jones 2009; too early?
FW proto-hist?	Waddell's Mill Pond, 8Ja65	postmold, W wall, townhouse	char; 1980s	Area C near md	460±80	A.D.1310-1640	A.D.1440	I-13,626	Tesar and Jones 2009; too early?
FW proto-hist?	Waddell's Mill Pond, 8Ja65	F2 trash pit in mid, -15-30 cm	char; 1980s	area within "palisade" on rise over caves	410±80	A.D.1400-1650	A.D.1450	I-13,614	Tesar and Jones 2009; too early?
FW	Lighthouse Bayou, 8Gu114	Shell Pile 12W L4	8 g char; 2003	conch/whelk shell mid	380±60	A.D. 1420-1650	A.D.1480	177996	White 2005
FW proto-hist	Thick Green-briar, 8Ja417	TU1 F1	6.9 g char; 1998	FW cer; glass bead	380±70	A.D. 1420-1660	A.D.1485	116315	White 2000
FW proto-hist?	Corbin-Tucker, 8Ca142	TUG burial G4, tibia frag	3.2 g bone collagen; 2006	secondary burial; cer "mushroom," other FW grave goods	380±40	A.D. 1440-1640	1480	217850	Marsh 2006
FW	Gotier Hammock, 8Gu2	ST13, midden area 200 m W of mound, 0 to -28 cm	7.2 g oyster shl, 2009	ch-st, pl cer, low-density oyster midden	830±40	A.D. 1450-1580	A.D. 1500	262381	White 2010
FW proto-hist	Corbin-Tucker, 8Ca142	TUG burial E1?	bone collagen, 2006	FW ceramics, grave goods	180±40	A.D.1650-1950	A.D. 1670 A.D. 1770 A.D.1800 A.D.1940 A.D.1950	213055	White et al. 2012
Lamar	Pope Cabin, 8Ja391	TU L1, -100 to -110 cm	66 g char; 1988	pl, poss brushed cer; 25 chert flakes	130±70	A.D. 1650-1960	A.D. 1690 A.D. 1730 A.D. 1810 A.D. 1920 A.D. 1950	***	Ward 1989; USF archaeology lab; real date prob 1650-1800
Lamar	Yon, 8Li2	TUE L7, Stratum III	.3 g char; 2008	Lam cer, chert flakes	130±40	A.D. 1660-1960	A.D. 1690 A.D. 1730 A.D. 1810 A.D. 1920 A.D. 1950	239749	Du Vernay 2011; real date probably 1660-1730
Lamar	Lighthouse Bayou, 8Gu114	Shell Pile 2	11.4 g char; 2002	Lam cer; lg-gastropod shell mid	120±50	A.D. 1660-1770 A.D. 1800-1940	A.D. 1690 A.D. 1730	165601	White 2005 real date probably 1660-1770

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						A.D. 1950-	A.D. 1810 A.D. 1920 A.D. 1950		
Lamar	Lighthouse Bayou, 8Gu114	Shell Pile 3	56 g wood char and wood; 2004	Lam cer; shl artifacts; lg gastropod shl mid	120±50	A.D. 1660-1770 A.D. 1800-1940 A.D. 1950-	A.D. 1690 A.D. 1730 A.D. 1810 A.D. 1920 A.D. 1950	193568	White et al. 2012; real date probably 1660-1770
FW proto-hist	Thick Greenbriar 8Ja417	TU5 L2	~2.5 g char, some poss unburned; 2003	protohist FW mid	70±40	A.D. 1680-1740; 1810-1930; 1950-60	A.D. 1950	181245	Rodriguez 2004; real date prob 1680-1740
Hist Amer	Richardson's Hammock, 8Gu10	Burial WC3 (African-American man)	bone, 2020	Wd and FW artifacts; prehistoric burial md	60±15	A.D. 1697-1910	A.D. 1800s?	PSUAMS 7817	White et al. 2022
modern	Otis Hare 8Li172	TU2 L4	river cane frags; 2018	modern rodent burrow (expected LWd)	1.244 ± .004		modern	ICA180/0203	White 2018

*estimated based on data available, such as weighted ranges; calibrated (older) dates at only 1σ (one standard deviation or 68% probability of being correct [Calpal online 2016]); all other dates given at = 2σ (95% probability)

** all dates done by Beta Analytic unless indicated with other lab number; Beta also recalibrated both their older dates and Teledyne Isotopes (I-) dates; all dates done before 1992 could be up to 200 years in error because no correction was done then for Carbon-13 ($\delta^{13}\text{C}$) ratios that differ based on what living plant or animal produced the carbon

*** Beta number lost in Hurricane Andrew, 1992

APPENDIX B:

NORTHWEST FLORIDA ARTIFACT TYPOLOGY AND SORTING CRITERIA

*This guide uses established artifact typologies for the region (see references), adding criteria to make types mutually exclusive and help classification in the lab. It was established at UWF in 1982 and USF in '83; now it's revised and online. More artifact illustrations are in figures in **Apalachicola Valley Archaeology, Volumes 1 and 2** (N. White, 2024, University of Alabama Press). Comments/corrections are appreciated!*

TIME PERIODS (with *abbreviations*; all dates approximate):

Period	Dates	Diagnostics	Cultures, Environments
Paleo-Indian <i>Paleo</i>	ca. 15,000–10,000 B.P. (13,000–8000 B.C.)	Clovis, Suwanee, Simpson points, Waller knife	hunter-gatherer small groups, cold Pleistocene environments
Early Archaic <i>EArch</i>	10,000–ca. 8000 B.P. (8000–6000 B.C.)	Bolen Beveled, Plain; Kirk, other corner-notched and side-notched points, bola stone	hunter-gatherer small groups in warming environments; fishers?
Middle Archaic <i>MArch</i>	6000–ca. 3500 B.C.	various stemmed points, bannerstone	hunter-gatherer-fisher small groups
Late Archaic <i>LArch</i>	ca. 3500–800 B.C.	preceramic portion? fiber-tempered ceramics, microtools, Poverty-Point-related artifacts	seasonal fishing-gathering-hunting; small groups; near-modern environments
Early Woodland <i>EWd</i>	800 B.C.–A.D. 300	Deptford, early Swift Creek ceramics, early mounds, some exotics	seasonal foraging? larger groups? social ranking?
Middle Woodland <i>MWd</i>	A.D. 300–700	Swift Creek, early Weeden Island ceramics, Baker's Creek points, exotics, burial mounds	seasonal foraging? larger groups? social ranking
Late Woodland <i>LWd</i>	A.D. 700– 1000	late Weeden Island ceramics; burial mounds, exotics gone	seasonal? foragers with gardens? maize introduced
Mississippian/ Fort Walton <i>FW</i>	1000–1500	Fort Walton ceramics, platform mounds, some SECC artifacts	villages, temple mounds; inland farmers, coastal foragers
Early Protohistoric: Contact-Mission times, colonial Spanish <i>Protohist</i>	1500–1700	Fort Walton ceramics, colono-ware, European metal, glass beads, generic incised ceramics	same as above but with disruption, depopulation, Old World invaders, violence, disease, slavery
Later Proto-historic: Lamar (<i>Lam</i>), colonial Spanish	1700–1720s?	Lamar ceramics	missionized Native American refugees stopping in the region? slave raids, missions destroyed
Creek/Seminole; <i>Crk</i> ; historic aboriginal (<i>HistAbo</i>)	1720s?–1830s	Chattahoochee Brushed ceramics, Euroamerican, African American (?) artifacts; some written records	in-migrating Native groups; dispersed farm villages; slavery; continued raiding
Historic American <i>hist</i>	1822–present	Euroamerican artifacts, written and oral records	Euroamerican settlement, Indian removal, plantations, slavery, industry

ABORIGINAL CERAMICS

Ceramic types, specific and generic, listed by general frequency of occurrence and time period.

- When in doubt about temper, use a microscope or magnifier; for doubts about surface treatment, take reverse impression with modeling clay.
- A needle stuck with pliers butt-end into the wide end of a chopstick is good for scratching temper particles to see what they are. Sherds that have sat in water (fresh, brackish, or salt) or are otherwise eroded will have rounded edges and not show temper as well. It may be necessary to break the sherd (well, it's already a broken piece!) to get a better view of temper.
- Ceramics of this region nearly all have sparkling tiny ***mica flecks*** in the paste (might look like disco dust or glitter eye shadow); this mineral is naturally occurring in the soil – a way to recognize the region's ceramics.

PLAIN WARES: GENERIC

- smooth surfaces, usually body sherds because if there's decoration, it's usually on rims. Note whether burnished (polished, shiny) because it means the potter took extra effort after firing.
- distinguished by ***temper*** or aplastic mixed with the clay
- remember they can be plain portions of many other types of vessels, or sherds that once had another surface treatment that has eroded away.

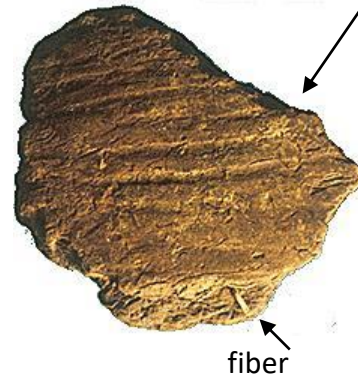
sand-tempered: has crystal grains of sand (smoothed), large or small, EWd through HistAbo.

grit-tempered: has crushed quartzitic rock, irregularly shaped pieces of temper, usually larger than sand and more angular/sharper because it was deliberately crushed; EWd through HistAbo.

grog-tempered: has crushed, fired clay bits, which usually are of a lighter color, white, possibly yellowish, lighter gray or brown, or redder than the matrix of the sherd. Some use the term clay-tempered; others use sherd-tempered, especially when you can see flat surfaces on the temper particles meaning the temper is crushed potsherds; grog is usually soft enough to scratch. EWd through HistAbo.

shell-tempered: has crushed shell, either as flat whitish or grayish particles or leached away and indicated by flat shallow holes on the surface and slit-like holes in the broken edge of the sherd (be sure to note if shell is still present); may be lighter in weight than sherds of other tempers when shell is leached away. Use the type name **Pensacola Plain** for a rim sherd that is the shell-tempered equivalent of Lake Jackson. Use **Pensacola Incised** for the shell-tempered equivalent of Fort Walton Incised. FW through HistAbo.

fiber-tempered: has Spanish moss fibers that burned away during firing, leaving long, thin, squiggly trails; thick, usually crude-looking pottery; not given type name because of disagreement in the literature. Be sure to distinguish real fiber-tempered from fiber-like marks on other ceramic surfaces that were made accidentally during manufacture (e.g., the potter setting the wet clay vessel on the grass). Basal sherds have flat bottoms. Some northwest Florida fiber-tempered is also simple-stamped (parallel lines). Rarely, unburned, undecayed Spanish moss fibers are preserved in the sherd. LArch only.



limestone-tempered: has white, soft, chunky, angular pieces of crushed limestone, or else blocky, deep holes if limestone bits leached away; distinguish limestone temper from light-colored grog temper (both being soft and scratchable) by placing drop of HCl on a temper particle; if it fizzes, it's shell or limestone; distinguish limestone temper from shell because limestone is blocky, shell is flat. EWd through FW.

combinations of temper: can include any two or three of the above, beginning as early as EWd except for anything with shell, which is FW or later, and fiber, which is always LArch.

temperless: fine paste, not even tiny sand grains visible; rare; if the paste is chalky, rubbing off on your fingers, it may be St. Johns pottery imported from the Atlantic coast; EWd through HistAbo.

INDETERMINATE GENERIC TYPES

- distinguished by exterior surface treatment; usually body sherds of any temper except fiber or shell (which are the only ones diagnostic of a particular time period) with no other attributes present on sherd to indicate specific type)
- not appropriate to give them known type names from other regions
- indicate temper when classifying

check-stamped: paddle-impressed with checkerboard pattern; unless it has other diagnostic attributes (such as a podal support) or associated more-diagnostic types, it can't be given a specific type name or age, despite check sizes. Most ubiquitous pottery in the region besides plain. Made for 3000 years: EWd through HistAbo.



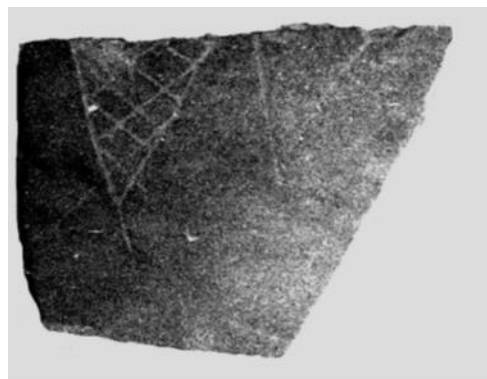
indeterminate incised: lines incised in wet clay before firing; indicate if parallel lines, curvilinear or straight, etc.; distinguishable from stamped lines by the tiny ridges of clay that formed along the incision; EWd through HistAbo.

indeterminate punctated: punctations or small, deep impressions punched with a stick, fingernail, hollow cane (annular or ring-shaped punctations), or any other tool into wet clay; EWd through HistAbo.

indeterminate stamped: pattern impressed or stamped into wet clay but indistinct now, usually because of erosion of sherd surface; different from incising because does not have tiny ridges of clay along incision edges; EWd through HistAbo.

indeterminate complicated-stamped: stamped pattern that can be distinguished as complicated, curvilinear or rectilinear, but not attributable to a specific type such as SwCr or Lam. EWd through HistAbo.

engraved: patterns cut or excised in clay after it was dried and leather-hard or after firing; looks like scratching, is whitish inside engraved lines, not smooth like incising into wet clay; FW.



excised: patterns cut deeply into wet clay in broad areas, geometric shapes and surfaces made lower than original sherd surface; differs from incisions, which are narrow and linear, and from **cutout** vessels, which have portions of vessel wall completely removed; rare; MWd.



indeterminate brushed: thin lines brushed into wet clay, often just to smooth the surfaces; differs from Chattahoochee Brushed in temper or in having extremely fine brushing.



fabric-marked or fabric-impressed: impressed with woven mat or fabric; differs from Deptford Fabric-Marked by being a coarser, larger weave; seen by pressing modeling clay into the sherd surface (as here, with two different size weaves) to get a positive impression in which you can see individual strands woven in and out (this is what distinguishes it from check-stamped). Early? Wd through HistAbo(?).



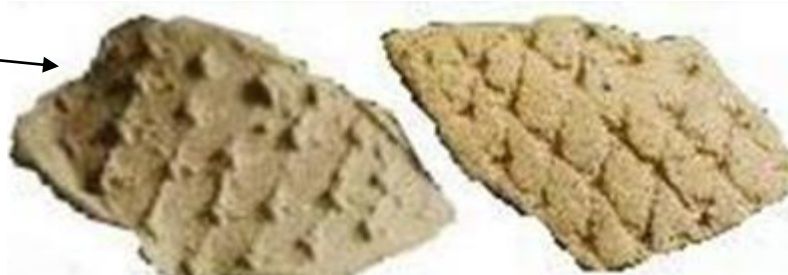
cord-marked: impressed with twisted cords that may have been wrapped around a paddle; differs from fabric-marked in that it's not woven; often more easily seen by pressing modeling clay into the sherd surface to get a positive impression. Or press regular twine into modeling clay and see if it looks similar. Early?Wd through LWd.



cob-marked: impressed with corncob devoid of kernels; can look like fingernail punctations or cord marking until you compare it with distinctive impression left by 8- to 12-row corn (a cob of commercially available popcorn with kernels removed is close to this); more easily seen by pressing modeling clay into the sherd surface to get a positive impression; LWd through HistAbo.



net-marked: impressed with net in diamond-shaped mesh; sometimes you can see knots in corners and estimate net mesh size; easily distinguished with reverse impression obtained by pressing modeling clay into the surface. EWd through LWd?



red-painted or black-painted: painted with black or red pigment, sometimes with visible brush strokes; note whether exterior, interior, or both are painted; paint can be distinguished from natural outer surface of sherd because it is only thinly applied on the surface, while the outer fired layer of the sherd (which may be orangish-red) extends inward; rarely white or off-white or buff-colored paint was used along with red or black. MWd through HistAbo



red-slipped or white-slipped: a very thin layer of watery colored clay applied to the exterior; unclear which time periods, though Chattahoochee Brushed sherds of the Lower Creek/Seminole people were often white-slipped (HistAbo).

Other characteristics to note: (sherds may have several of these)

zoning: punctations, incisions, paint may be in discrete areas or zones on the surface of the sherd (not entire surface).

linearity of check stamping: checks have parallel lands (raised portions) of one direction larger and more pronounced than those of the transverse direction; EWd (most pronounced) through FW.

Ceramic appendages:

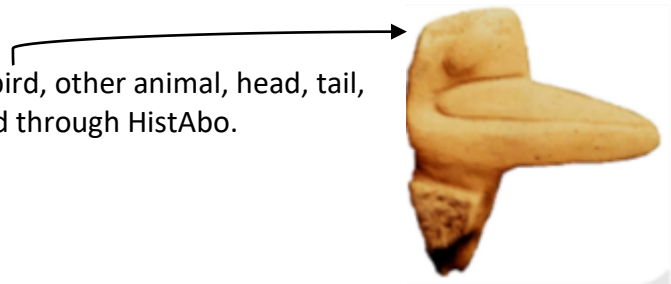
handle: can be strap (flat) or loop (rounded) handle (see pictures with Lake Jackson type); FW through HistAbo

lug: solid projection from rim, like tiny filled in handle (see pictures with Lake Jackson type); FW.

node: rounded conical projection (like on a Barbie doll), usually lower down on vessel neck or on top of handles (see pictures with Lake Jackson type); FW.

pods or podal support: cone-shaped or rounded support, between one and four of the feet of a tetrapodal base (can look like nodes but always on bottom of vessel); EWd.

adornos or rim effigies: state whether human, bird, other animal, head, tail, etc. and whether facing in or out of vessel; MWd through HistAbo.



appliqués: clay pieces added to vessel, usually on neck or shoulder, as effigies, decorated strips, etc; state location on vessel; MWd through HistAbo, especially Lamar.

molded or modeled shape: vessel shaped into effigy of animal or human or geometric form, lobed, cutout, multi-chambered or other variety; MWd through HistAbo.

vessel shape: note if jar (constricted neck), bowl, casuela bowl (incurving rim, flaring shoulder, rounded bottom), square bowl, bottle (long narrow neck), beaker (like a small juice glass), other shape; note rim points (on FW vessels) or widened, decorated lips (MWd) or any other such feature.

note whether **rim, body, or basal** sherd or **appendage**.

vessel diameter: measure on chart of parallel curves if rim sherd is large enough to see curves;

bottleneck has very narrow diameter (up to 5 cm diameter); **beaker** slightly wider (up to 10 cm diameter), but watch for confusion with pipe fragments.

ceramic disk: cut from pot bottom, with beveled edges; these were specific artifacts, used for unknown purpose; Dept?—>FW.

also note: unusual thicknesses or thinness of **vessel walls**, **holes** for repair of crack or in rim for suspension, larger holes in "killed" or perforated bases, any other significant attributes.

SPECIFIC TYPES DIAGNOSTIC OF TIME PERIODS

Remember all time periods have minority types that are rare and usually only identified if they are in association with diagnostics. Different ceramic series can overlap within one time period, as with Swift Creek-series and early Weeden Island (Willey's Weeden Island I)-series, which overlap in time and are both characteristic of the Middle Woodland period in this region.

LATE ARCHAIC

fiber-tempered plain: has clay mixed with Spanish moss fibers that burned away (see above description and picture); made before coil method of pottery making was developed, so vessels are hand-shaped, large, maybe heavy, may have flat bottoms; type names (Orange, Norwood) in dispute so generic name preferred.

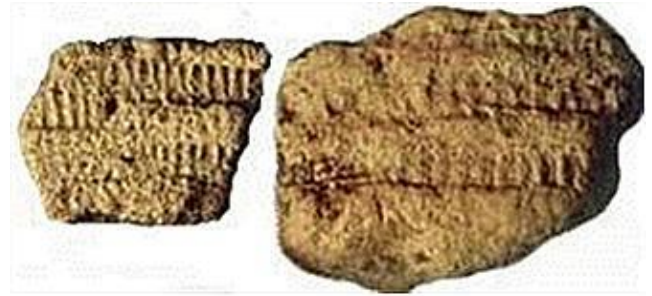
fiber-tempered simple-stamped: same as above, but with stamped parallel lines or criss-cross stamped parallel lines; type names in dispute so generic name preferred.

EARLY WOODLAND/DEPTFORD SERIES

Deptford Simple-Stamped: sand, grit or grog temper; surface stamped with grooved paddle has parallel lines; clearly stamped not incised; over stamping may result in criss-crossed lines; vessel shape may be pot, bowl, etc.; rim may be outflaring, straight, etc.; lip may be notched; base may be tetrapodal.

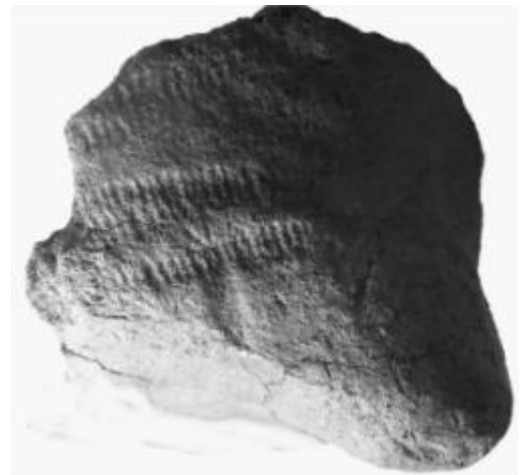


Deptford Linear Check-Stamped: temper and vessel shape as above; stamped with very linear checks (lands of one direction very large by comparison with lands of transverse direction); some may have been stamped with a roller instead of a paddle, as occasionally rows of checks are curvilinear; may be confused with other check-stamped types, which can sometimes also be linear, but usually not extremely linear like the Deptford version.



Deptford Check-Stamped: temper and vessel shape as above; any check-stamped definitely in association with other Deptford types (even podal sherds may be Deptford but could be Gulf Check-Stamped; see below). By itself a regular (non-linear) check-stamped sherd cannot be diagnostic of any time period except at least as young as Woodland.

Deptford Fabric-Marked: temper and vessel shape as above; impressed with fine woven fabric, associated with other Deptford types or in a tetrapodal vessel shape (by itself, a fabric-marked sherd is not necessarily Deptford); check that it's fine fabric-marked by comparing clay positive impression with a clay impression of your sock or other finely woven clothing.



SWIFT CREEK SERIES – EARLY THROUGH LATE WOODLAND

Swift Creek Complicated-Stamped: sand, grit, or grog-tempered; stamped with carved paddle in complicated, predominantly curvilinear pattern; vessel shape usually tall pot with outflared orifice; rim may be notched or scalloped; base may be tetrapodal or rounded; body sherds sometimes distinguishable from those of later complicated-stamped wares by pattern or by fineness of stamping (see Lamar Complicated-Stamped), but best to have association with other diagnostic sherds; earlier vessels have stamping all over the pot surface, later ones more often have stamping only on upper vessel below rim.



Saint Andrews Complicated-Stamped: same as above, but with rectilinear stamped pattern, right angles in pattern.



Crooked River Complicated-Stamped: same as above but with rectilinear zigzag lines or chevrons, always scalloped or notched lip; can be hard to distinguish from St. Andrews by original criteria (Willey 1949:384-5) so pick one of these two type names and use it consistently.



New River Complicated-Stamped: same as above, but with combination of complicated pattern (usually curvilinear) and check stamping.



Santa Rosa Stamped: temper and vessel shapes as above; rocker-stamped surface done by rolling the edge of a notched or smooth tool, usually a shell, in zigzag pattern; rare in Apalachicola valley and more common westward toward Pensacola and Alabama.

Alligator Bayou Stamped: same as above but rocker stamping is zoned and bounded within broad-line incisions.

Basin Bayou Incised: same temper and vessel shapes as above; designs made up of broad-line incisions in curvilinear and rectilinear motifs, scrolls, triangles, etc., on entire vessel or band below rim; rare, more common in coastal Alabama.



Gulf Check-Stamped: temper and vessel shapes as above; just like nearly every other check-stamped except has notched or scalloped rim (so recognizable only in rim sherds) or is associated definitely with diagnostic Middle Woodland types only.

WEEDEN ISLAND SERIES

IMPORTANT: Willey defined this series as Weeden Island I and II, the equivalent of Middle and Late Woodland. Some archaeologists now use “Weeden Island” to mean a time period, which is incorrect. Some ceramic types disappear after Middle Woodland.

EARLY WEEDEN ISLAND/MIDDLE WOODLAND ONLY

Weeden Island Incised: sand, grit, or occasionally grog paste, usually fine, thin walls; vessel shapes highly variable; elaborate decoration with designs made by incisions and punctations in zones bounded by single incisions; only distinguishable in most small body sherds by unique large triangular and/or circular single punctation at the ends of some incisions.



Weeden Island Punctated: paste and vessel shapes as above; elaborate decoration with designs created entirely by punctations and NO incisions; sometimes has a few large triangular or circular single punctations amid the finer punctations or in plain areas.



Weeden Island Zoned Red: same as Weeden Island Incised but with red pigment applied to plain-surfaced zones of the decoration; can only be distinguished from later red types by distinctive decoration or association with other diagnostics.



Weeden Island Plain: paste and vessel shapes as above but most often recognized in cutout, effigy, or compound-shape vessels; surface very smooth, sometimes burnished; rim usually folded and smooth, sometimes rounded, usually with incision below lip, but this type is usually not recognizable from simple sherds, even rims. *Example shown is also red-painted*



Indian Pass Incised: paste and vessel shape as above; decorated with very fine parallel incisions in curvilinear patterns of swirls (a lot like large stylized fingerprints); impossible to distinguish this type unless you have a whole pot or very large sherd.

BOTH EARLY AND LATE WEEDEN ISLAND/MIDDLE AND LATE WOODLAND

Tucker Ridge Pinched: paste and vessel shapes as above; surface has long, usually vertical raised ridges made by pinching with fingers/fingernails; often individual fingernail impressions are visible; decoration usually in a band below rim; distinguished from Carrabelle Punctated because of continuous ridge, raised pinch marks, instead of individual, separated fingernail punctations.



Carrabelle Punctated: paste and vessel shapes as above; decoration is multiple punctations, usually confined to wide band around neck or just below rim; punctations can be fingernail, triangular, rectanguloid, circular, irregular, annular [ring-shaped], shallow or deep, large or small; pattern usually bounded by horizontal incisions; this type is usually only distinguishable in rim sherds unless you get a large body sherd with a band of punctations bounded by incisions AND other diagnostic types; this type is often confused with Fort Walton Incised and other types.



Carrabelle Incised: paste and vessel shapes as above; decoration just like Carrabelle Punctated except the decorated band below the rim is parallel incised lines ; incisions are vertical or diagonal, arranged parallel in simple rows, herringbone pattern, or nested triangles; pattern is usually bounded by horizontal incised lines on top and bottom; usually only distinguishable on rim sherds unless you get a large body sherd with a band of such incisions AND other diagnostic types; this type is often confused with Fort Walton Incised and other types; it is distinguished from Marsh Island Incised (see below) because vessel shape of that type is a jar with outflaring rim and possibly handles, and its incisions often go all the way up to the lip, while Carrabelle Incised has a definite band of incisions farther below the rim, often a folded rim.



Keith Incised: paste and vessel shapes as above; decoration is diagonal parallel incisions that cross in X shapes or cross-hatching, sometimes with a dot punctation in the center of each diamond or on lines or at intersections; decoration can be on wide band below rim or more extensive on vessel and may be bounded by incised horizontal lines; this is one of easiest types to recognize.



Wakulla Check-Stamped: sand, grit, or grog temper; vessel shapes variable; rim sometimes folded, sometimes with incision below lip; surface stamped with checkered paddle; extremely ubiquitous type and can only be classified if with other diagnostics; extends from late Weeden Island into Fort Walton. Easy to confuse with Deptford Check-Stamped, which is up to 1000 years earlier



FORT WALTON/MISSISSIPPI PERIOD

Lake Jackson: sand, grit (especially large grit particles), or grog-tempered (or combinations of these tempers); plain bowls or collared jars, often with handles or lugs; surface plain except for rim, which may have one or more of the treatments below; only recognizable in rim sherds, and also the characteristic rims may be on several other FW types. Lake Jackson Plain was defined as including *no or one horizontal incision* below lip, and Lake Jackson Incised had *one or more such incisions*. Here they're lumped into one type.

BUT you must indicate..... **Lake Jackson rim styles:**

ticks (tiny notches on exterior lip)

notches (rarer; large vertical punctations or pinches; can be confused with Lamar Plain, so need other associated diagnostics)

lugs (large or small protrusions on lip, D-shaped or B-shaped [bi-noded] or amorphous); also

rim points if rises up with lug



nodes (smaller protrusions than lugs, rounded or cone-shaped [think Barbie doll] and usually lower down on vessel collar than lugs, or else on top of handle)



handle, either strap (flat) or loop (cylindrical)



vertical wide incisions or gouging (rare; more common near Tallahassee)

scalloped but otherwise plain (rare)



Cool Branch Incised: exactly the same as Lake Jackson but with addition of incised arches, usually 4, around vessel body; arches may be one line or several parallel lines, and may be accompanied by punctations or ticks at right angles on top (making arches look like “eyelashes”), and may even be combined with molded lobes, handles, or actual protrusions of vessel body; vessel shape usually collared jar. *Examples in illustration have strap handles and one on right has two notches in handle.*



Marsh Island Incised: temper as above; vessel shape jar or open bowl; has incisions around vessel below rim in band of opposed triangles or of chevrons made up of parallel diagonal and/or vertical lines; recognizable only from rim sherds; distinguished from Carrabelle Incised by jar shape or other Fort Walton attributes (handle, lug, etc.). *Example in illustration has loop handle and rim point.*



Fort Walton Incised: temper as above; decoration by incision AND punctation, usually on upper walls of vessel, in patterns often of either rectilinear or curvilinear guilloches (interlocking scrolls); may have rim ticks; vessel shapes can be casuela bowl, effigy pot, beaker, bottle, etc., including the 6-pointed open bowl distinctive of this region, recognizable because often has decoration on interior, ticks on exterior (underside) of rim. Fort Walton Incised is distinguishable from Point Washington Incised because the latter has no punctations; harder to distinguish from Lamar or Ocmulgee Fields Incised, so do this by associated other diagnostics.



Point Washington Incised: temper as above; vessel shapes usually open bowls, sometimes with rim effigies or bowl shaped as bird or squash; design incised on whole vessel or just upper part below rim in mostly curvilinear, sometimes rectilinear patterns using 2, 3, or 4 lines (rarely more); hard to recognize in small sherds; differs from Fort Walton Incised because it has no punctations; differs from Marsh Island Incised in that incisions are not upright vertical or diagonal or just at rim; harder to differentiate from Lamar or Ocmulgee Fields types so use association with other diagnostic types to do this.



Pensacola Incised: includes everything with shell temper (with or without additional tempers like sand, grit, grog) decorated with incisions and/or punctations; it is the shell-tempered equivalent of the types Fort Walton Incised and Point Washington Incised.

PROTOHISTORIC/HISTORIC ABORIGINAL

LAMAR

Lamar (or Jefferson) Complicated-Stamped: sand, grit, and/or grog temper; rim sometimes plain but usually folded, outflaring or straight, with a line of large notches or annular punctations below the lip; vessel shape usually jar; surface stamped with paddle carved with curvilinear or sometimes rectilinear designs; distinguished from Swift Creek Complicated-Stamped (usually) in that the stamping is more sloppy and patterns less distinctive on Lamar; however, best to have rim or other diagnostics to make sure it's Lamar and not Swift Creek or other Middle Woodland complicated-stamped types. Jefferson ware is supposed to be grog-tempered only.



Lamar Plain: temper and vessel shape as above; plain surface except for rim/collar treatment: rims usually have an added fillet or appliqué strip (*as with example on the far right*) which is pinched or notched, or rims may be simply folded or thickened and pinched, deeply notched, or delimited by a line of large annular punctations; this type only recognizable in rim sherds, and may overlap with Lake Jackson Plain, so you need other Lamar diagnostics associated to be sure.



Lamar Incised (originally Lamar Bold Incised) and

Ocmulgee Fields Incised: temper as above; vessel shape often casuela bowl or other bowl; has incised patterns of curvilinear or rectilinear scrolls or other designs often confined to upper part of vessel; occasionally has punctations along the base of the incised decoration, along the ridge of the vessel shoulder; nearly impossible to differentiate these individual types (some lines might be more “boldly” incised [wider], and with Ocmulgee Fields the lines might be thinner. Also confused with Point Washington Incised (except that type has no punctations); therefore needs to be associated with other Lamar or historic Creek materials to be classified as either Lamar or Ocmulgee Fields Incised.



Leon Check-Stamped: temper as above; resembles all other check-stamped except checks may (or may not) be larger, up to 1 cm wide, and sometimes diamond-shaped (which happens with other check-stamped types too); rims may be typical of Lamar, as noted above; this type identifiable only if you have that rim or if it's associated with more diagnostic Lamar types.



LOWER CREEK/SEMINOLE

Chattahoochee Brushed: sand, grit, or grog temper; vessel shape jar or bowl; rim usually as in Lake Jackson or Lamar Plain; surface brushed with fiber brush, leaving fine scratches in wet clay; mostly parallel; may have white slip (thin white clay pigment) on exterior surface. This type usually indicates very late historic Indians, close to time of removal; though occasional brushed sherds occur earlier, they are not necessarily Chattahoochee Brushed. Sometimes general smoothing of the pot (in any time period) included some sort of brushing, which may occur on interior as well as exterior; this kind of brushing usually leaves shorter, more random and less parallel lines than the distinctive brushing in Chattahoochee Brushed.



Ocmulgee Fields Incised: temper and vessel shapes as above, often casuela bowl; incised and/or punctated wares known to be protohistoric or historic Creek; only sometimes distinguishable from Lamar Incised by its thinner lines; this type name most often used when sherds are also associated with the more diagnostic type Chattahoochee Brushed.

Kasita Red-Filmed: temper, shape as above; any red pottery that's protohistoric or historic Creek.

NON-VESSEL CERAMIC ARTIFACTS (all time periods)

plummet or pendant: teardrop or other shape convenient for hanging; may be grooved for attachment to line; may be for jewelry, net sinker, or other function(s).



bead: easily recognizable; can be tubular, spherical, oblong, etc.

pipe: elbow shaped or sometimes tubular, for smoking tobacco (only).

Poverty Point-type object or clay ball: handmade, palm-sized small ball or melon-shaped object (other shapes too: cylinders, cones) deriving from Poverty Point, Louisiana, apparently for cooking before pottery was invented; often has finger grooves; hard to recognize if broken, as it looks like just a fired clay fragment. LArch only.



daub fragments: globs of clay, sometimes mixed with grit or grasses, plastered on the outside of wattle-and-daub houses; often burned if preserved; occasionally has imprints from cane or sapling wattle walls or even fingerprints.

clay lump: puzzling, amorphous, small lumps of what look like fired clay; may be leftovers from pottery-making or tiny daub bits or other remnants of some activity.

LITHIC ARTIFACTS

CHIPPED STONE

RAW MATERIAL TYPES:

Gulf Coast chert: originally translucent honey-colored, weathers to white, creamy yellow, or pale pink or brown, occasionally very light gray; can be bright pink or orange when heated; often very fossiliferous; sometimes not good-quality material; the most common raw material in northwest FL.

Tallahatta quartzite: opaque white or translucent greenish gray with white or gray or brown inclusions; always with distinctive glittery surface; came from south Alabama.

agatized or petrified coral: white to brown to reddish (when heated); always with forms of tiny coral bodies faintly visible; sometimes available on the beach.

Note: many other as yet unnamed varieties of chipped stone raw material may occur in small minorities; they may be imported. Note color, inclusions in stone, luster and reddish appearance that could be from thermal alteration (heat treating for better chipping).

ARTIFACT TYPES

projectile points: “arrowheads” (but most are spear points, earlier than bow and arrow); bifacial (chipped on both sides) tools with a point on one end; may have a stem, notched base, or other distinguishing characteristic. There are hundreds of point types, so specify type from a guide. *Illustration shows Early Archaic Bolen Beveled type.*



drill: small long biface nearly round in cross-section; may show wear on tip; may or may not have wider end at base for hafting.

microtool: any very small bifacial or unifacial tool that is long and may have been used as a tiny drill, awl, chisel, and so on; may even be less than 1 cm long.

scraper: unifacial (chipped on one side) tool often with convex surface chipped and flat on unworked side, presumably to use as hide or wood scraper; large to small.

indeterminate biface or uniface or fragment: specify

core: original cobble or piece of raw material, may have some or many flakes already taken off it; also may be shaped for ease of flaking, as in a bipolar core (both ends) or blade core (long, narrow, to flake off thin, long blades); often covered with **cortex**, the naturally weathered outer material (like a rind).

debitage: *most common stone artifacts recovered* (French for garbage left during chipping or flintknapping – in other words, chips and flakes) can be characterized by what stage it represents in the manufacturing process (as below), and also note raw material and if worn or **utilized** (indicated by little chips taken out of the sharp edges):

primary flake (first step in reducing original core or cobble or quarry piece); 2 kinds:

primary decortication flake: has over 50% cortex

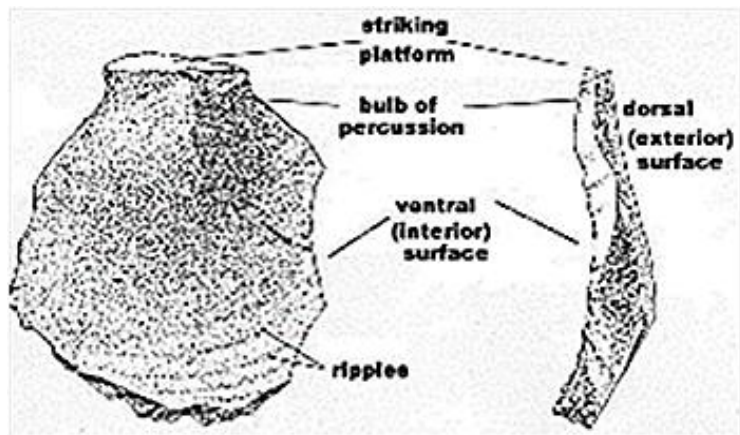
secondary decortication flake: has under 50% cortex

secondary flake (finer reduction product): thin, flat, has no cortex; if not broken has bulb of percussion, feathering ripples; several varieties:

biface thinning flake: has multifaceted platform, acute platform-to-dorsal-surface angle, and lip on ventral surface just above bulb of percussion.

retouch flake: extremely tiny, from sharpening tool.

block shatter: blocky, chunky, irregular pieces resulting from shatter of prospective cores; they have little formal flake morphology (no well-defined bulb of percussion or alignment of flake scars)



GROUND STONE ARTIFACTS

RAW MATERIAL TYPES

quartzite: river cobbles on the lower Chattahoochee; has crystal grain structure; only labeled artifacts if show use wear or some deliberate shaping.

quartz: crystals sometimes obtained from upriver, used in natural form or shaped.

greenstone: from the Appalachian mountains; greenish gray, sometimes with veins of other material.

sandstone: found along river, must be shaped or worn to be an artifact; brown, reddish, or yellowish.

hematite: reddish stone (due to high iron content) often used for pigment; may show wear where it was rubbed on skin or clothing; yellow version is called **limonite**.

limestone: available along the river, must be shaped or worn to be an artifact or somehow associated with artifacts; usually whitish.

other stone: granite, other hard rock from upriver to make tools by grinding, pecking and smoothing.

Other aspects of stone:

– A Mohs scale kit can indicate hardness of stone to help identify it.

– stones unmodified, not shaped into artifacts, but not local to the area, may have been brought in by people for some purpose.

ARTIFACT TYPES

hammerstone: quartzite cobble with use wear marks, bashed, scratched, smoothed areas where the rock patina is worn off

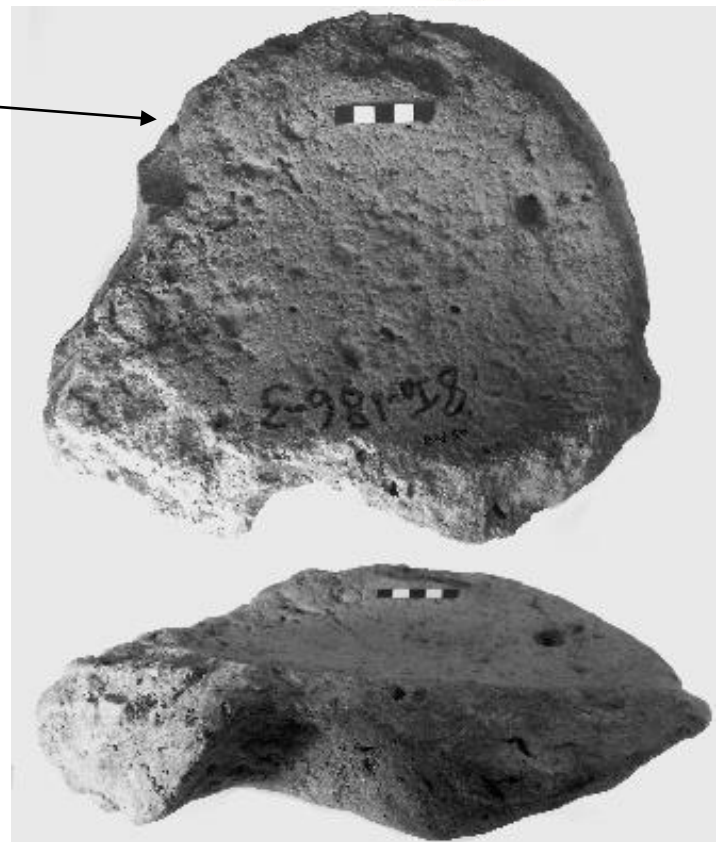
pitted stone: quartzite, sandstone, limestone, other flat stone with a circular pit worn into one or both surfaces from drilling to make fire, pounding nuts, etc.



abrader: sandstone or other softer rock grooved from honing or sharpening bone or wood pointed tools; may have single or multiple grooves, going one way or many ways; may be small or very large.



grinding stones: small hand-held (mano) rock or large flat (metate) sandstone, quartzite, or limestone abraded, smoothed in a distinct area or even dished from grinding grains, nuts, other substances.



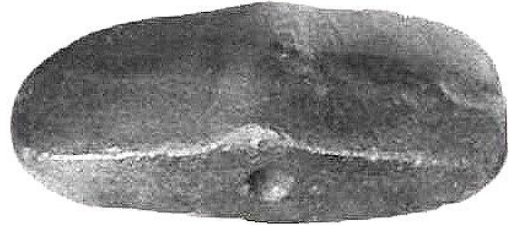
celt: ax or adze (depending on whether it was hafted sideways or endways), large or small, of greenstone or other hard stone. May have bit (cutting) end sharp or worn and broken, butt (other) end rounded or also battered from use.



plummet or pendant: teardrop or other shape convenient for hanging; may be grooved for attachment to line; may be for jewelry, net sinker, or other function(s).

bead: disc-shaped, spherical, etc., polished or not.

bannerstone: wide, nicely shaped ground stone with large hole drilled up the central ridge so it could fit on the atlatl (spear-thrower) as a weight; may be of any hard stone.



polishing stone: pebbles with worn surfaces, supposedly for smoothing pots during manufacture.

steatite bowl: technically not ground but chipped and cut into shape from very soft steatite or soapstone (obtained from N. Georgia); stone is dark or light gray, sometimes greenish, sometimes glittery, and can be dented with your fingernail since it is so soft; sherds may be from base or body, may have striations from cutting out of quarry and shaping; rim sherds may be notched.



sandstone bowl: same as above but of sandstone, which is harder; may be difficult to tell sherds from flat natural rocks but a whole bowl would be obvious!

SHELL ARTIFACTS

RAW MATERIALS (all saltwater species):

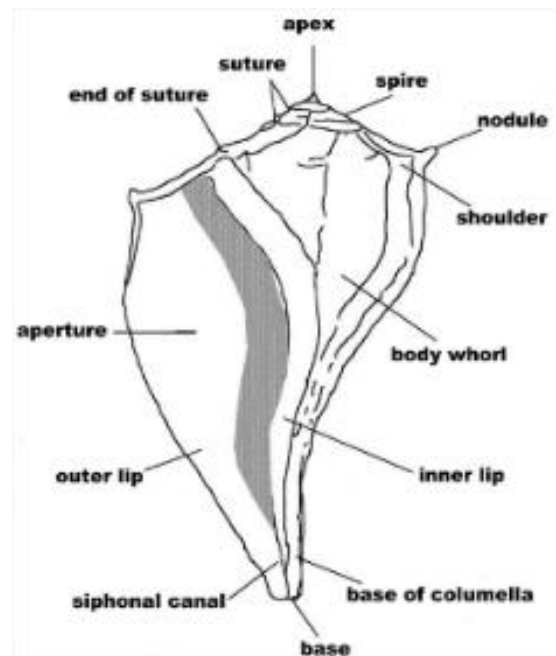
Busycon contrarium or *Busycon perversum*, left-handed whelk or lightning whelk, a large gastropod with a hard, thick shell used most often for artifacts. Recognizable (if you have the whole shell or a large part) by its leftward spiral, unlike other gastropods.

Pleuroploca gigantea, horse conch, large gastropod used near/on the coast for some large columella tools, recognizable by its parallel diagonal grooves on the columella.

Mercenaria campechiensis, southern hardshell clam (quahog, Venus clam), a large, thick bivalve used for smaller, flatter artifacts.

N.B.: artifacts were not usually made with other shell species, possibly because they were not as thick or hard or durable. Don't confuse natural breaking or drilling into the shell by predator species, or recent breaks and bag-wear from modern handling, with original human-made alteration. ***It's sometimes difficult to distinguish artifacts from ecofacts.***

For gastropod-shell artifacts: the columella is the central axis around which the shell whorl spirals. Indicate if the artifact is made up of most or all of the whole shell, just the columella, or just a portion of the whorl. Indicate wear on edges, cut marks, length/width, diameter, any other useful characteristics.



ARTIFACT TYPES

hammer: 3 general types:

- mostly whole gastropod shell with hole for attachment of handle, battered columella base.
- modified gastropod shell with some of the top remaining for a handle and battered base.
- columella portion only, with battered base.



cutting-edge tool: same as hammers except with angular cut at the base to provide a sharp cutting edge

right-angle pointed tool: shell has portion of whorl cut away at right angle, spire worked to a point; probably awl-type tool with handle.



pointed columella tool: with or without any portion of the whorl, with one end of columella worked to a point

bi-pointed columella: columella with both ends worked to points or sharp chisel edges.

columella tool: columella only, but unclear whether hammered, broken point or other implement



awl: pointed, solid sliver of gastropod whorl or bivalve showing use wear/smoothing (could be tiny chisel too; pointed columella can also of course be used as awl)

adze: roughly trapezoidal, of gastropod body whorl, with beveled edge



dish or bowl: body whorl fragment, concave for holding solid or liquid.

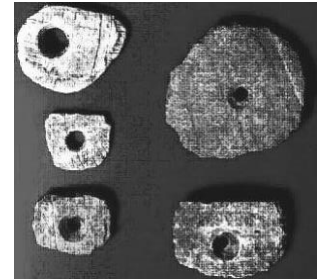
scoop or spoon: smaller than dish, may have columella portion (handle?) and other parts of whorl; may be of clamshell too

scraper/spatula: whorl or clamshell fragment with one or more beveled/worn edges; flatter/shallower than scoop

cup or dipper: usually whelk with columella removed to make container, large or small, possibly for black drink (yaupon holly tea).



bead: tiny or large, finely made or crude, tubular, spherical, flat disk, or even bead preform with hole only partially drilled or not drilled; also fragments that broke during drilling or afterward; indicate cut marks, human-made perforations, interior and exterior diameters, length.



gorgets, carved shells: gorgets (circular ornaments to wear on a necklace) and carved whole shells are common in the southeastern U.S. only at important ceremonial sites (in NW FL this would mean Lake Jackson mounds in Tallahassee). Only two gorgets are known from the Apalachicola valley area, carved in the “Tennessee” or “spaghetti” style.

shell pins: long thin columella with top portion rounded to make head of pin; can also be engraved, cut into other shapes. Hard to distinguish from **shell point**.



plummet or pendant: teardrop or other shape convenient for hanging; may be grooved for attachment to line; may be for jewelry, net sinker, or other function(s).

shell tool, worked shell, fragments, debitage: indeterminate pieces showing signs of working, use wear, smoothing, cutting, perforation; describe shape, modification, as clearly as possible.

ARTIFACTS OF BONE, WOOD, ANTLER AND OTHER ORGANICS

Artifacts made of organic materials other than shell and sometimes bone, tooth, or antler are seldom preserved unless they were charred or recovered from completely wet or completely dry contexts in which they did not rot (rare in northwest Florida). They are distinguished from ecofacts by their evidence of cutting, drilling, smoothing, shaping, use wear, or other human action.

point: bone or antler, pointed at one or both ends or socketed in one end for hafting; may be rounded, flat, concave (following the shape of the bone), of deer, turkey, other animal; small points may have been fish gauges (fish swallows it, gets stuck in throat).



pin: usually bone, pointed or tapered at one end, often other end is decorated with carved lines or shaped head.

awl or perforator: bone pointed at one end, for poking holes; may have rest of bone for handle.

needle: bone, small, long, pointed; may or may not have hole.

hook: bone, large or small, V-shaped or U-shaped; maybe for fishing but could be for hanging or fastening something.



bead: often bird bone since they are already hollow, or drilled for suspension.

HISTORIC EURO-AMERICAN

Of course such artifacts are also found on protohistoric and historic aboriginal sites too. They are generally sorted into categories unless you can get specific type from historic typologies or even manufacturer's marks. Many guides are online

CERAMICS

unrefined or coarse earthenwares: general term for pottery having a soft paste you can scratch with a fingernail; may be glazed or not; include many types, including

olive jar: Spanish; thick-walled; sand, grit, or grog-tempered; distinguished from aboriginal pottery by a few attributes: has typical parallel-grooved interior surfaces from being thrown on a wheel; often a dull buff color slightly different from that of New World clays.

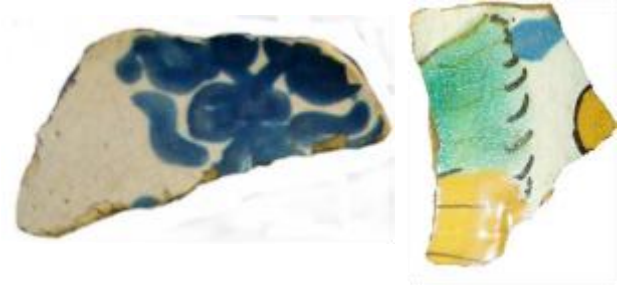


Spanish lead-glazed coarse earthenware:

looks like olive jar, with grooved interior from being thrown on a wheel, has dark green or black lead glaze on interior and/or exterior surface (3 views of same sherd here).



majolica : glazed and painted in many colors (white, blue, green, yellow, brown, black, alone or combined); associated with Spanish, usually made in Mexico; many types identifiable often in online guides.



refined earthenwares: have hard paste (can't be scratched easily), generally called china; easy to look up various patterns and decorations; if there's a maker's mark on the bottom, can be well-identified; various categories include

pearlware: white paste, clear glaze with pale blue tint in pools of glaze at edges.

creamware: white paste, clear glaze with pale green tint in pools of glaze at edges.

whiteware: white paste, clear glaze, no tint

porcelain: made in China, thin, fine translucent, various patterns.

pipe: can be of unrefined clay, white kaolin clay (British-made), or other material; lots of guides available to classify historic pipes

glass, metals, cloth, etc.: specify item name, if possible; raw material; color; shape, thickness, other dimensions; whether whole or fragment(s); any other distinguishing characteristic (bottle neck, panel, or base; iron fragment, possible nail); consult online references, old Sears catalogs, etc., for types of bottles, beads, metal implements, etc. Use a **magnet** on orange lumps to see if they are rusted iron. Remember prehistoric and historic aboriginal people had copper and occasionally other metals; copper is green, iron is orange (rust), and all metals will usually be heavy for their size.

BIOTIC AND OTHER MATERIALS

ECOFACTS: any natural materials utilized by past people but not modified to become artifacts. They include shells, animal bone and antler, charcoal, other charred plant materials, seeds, even preserved wood (usually underwater).

Faunal materials: bone, shell, horn, antler, hoof, claw, etc.; try to specify animal species or at least class (mammal, bird), element of skeleton, side of body, fragment of bone or tooth represented (as distal, medial, buccal, etc.), and any other distinguishing aspects, including cut marks and gnaw marks. For **indeterminate fragments:** specify if mammal (dense), bird (hollow), fish shellfish, etc., whether burned (burned bone often turns blue or chalky white).

Floral materials: any plant remains, usually burned and so preserved (if not burned, it's probably not old, unless it was preserved underwater); specify type (wood charcoal, seed, etc.), species when possible.

Stone: occasionally pebbles and other natural stone are saved and brought to the lab when they might provide additional information about natural processes affecting the site, or might be unusual items saved by past peoples.

Soil: samples are saved from every excavation for both permanent storage (typically 1 liter) and flotation (typically 9 liters); describe soil texture (sand [large grains], silt [smaller], clay [smallest grains] or combinations of these; give color, from Munsell chart if possible).

FINAL NOTES

For any classification of artifacts, always put in descriptive characters when needed. Your sand-tempered plain potsherds (probably your most numerous) may include one with an unusual thickness, so measure it and note the measurement. Your projectile point may not look like any known types but be closest to one or two types you can name. Your indeterminate stamped sherd may look mostly like check-stamped but have a chance of being cord-marked, so say probably one but possibly the other. The terms **possibly** and **probably** are extremely useful in your list of artifacts.

Be sure to say if something is **broken** or only a **fragment** of a whole artifact.

You may find artifacts not classifiable into any of these types; just describe them carefully and say what they look closest to. ***This guide is always subject to revision!***

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REMEMBER THERE ARE NOW COUNTLESS ONLINE SOURCES FOR ARTIFACT INFORMATION
(check that they are legitimate!)

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