

Appendix D

Faunal Assemblage

Weldin Plantation 7NC-B-11
Faunal Assemblage
Brenda Carr

The Weldin Plantation faunal assemblage consists of 955 pieces of bone and shell. While both domestic and wild taxa are represented, the remains of the domestic species dominate the assemblage. Beef, pork and lamb were the primary meat staples at the Weldin Plantation. Chicken, turkey and wild fowl such as goose and duck were also consumed. Oyster was also a popular part of the diet at Weldin, while hard-shelled clams and fish were rare additions.

Body part representation and utilized butchery methods indicate that cow, sheep and pig were raised and butchered on site. As a result of site disturbance or of the need for further excavation, some skeletal elements are absent for each of these taxa. Feet and cranial remains from cow and pig, and metapodial remains from sheep, are present however. Since these elements, with the exception of pigs' feet, are typically not purchased individually for home processing and are not a part of butcher shop meat cuts, the presence of whole cow, pig and sheep individuals is suggested. While it is possible for pig and sheep carcasses to have been purchased whole from a butcher, it is most likely that the residents were raising cattle for their own consumption. Chopping, with either an axe or a cleaver, and sawing were employed nearly equally in butchering of meat consumed at the site. Given the more recent time of deposition for this assemblage, and the fact that the saw became the chosen implement of professional butchers in the 19th century, on-site butchering appears to have been practiced by the Weldin Plantation's residents.

Taxonomic Representation

Taxon	Nature of Deposit	NISP	NISP%	MAU
Cow (<i>Bos taurus</i>)	Cultural	19	2.0%	1
Pig (<i>Sus scrofa</i>)	Cultural	13	1.4%	2
Sheep (<i>Ovis aries</i>)	Cultural	1	.1%	1
Sheep/juvenile	Cultural	5	.5%	2
White-tailed deer (<i>Odocoileus virginianus</i>)	Non-cultural	2	.2%	1
Sheep/deer	Indeterminate	1	.1%	1
Artiodactyl sp.	Indeterminate	7	.7%	1
Eastern cotton-tail (<i>Sylvilagus floridanus</i>)	Non-cultural	6	.6%	2
Lepus sp.	Non-cultural	1	.1%	1
Red fox (<i>Vulpes vulpes</i>)	Non-cultural	1	.1%	1
Raccoon (<i>Procyon lotor</i>)	Non-cultural	1	.1%	1
Squirrel (<i>Sciurus</i> sp.)	Non-cultural	1	.1%	1
Flying squirrel (<i>Glaucomys volans</i>)	Non-cultural	1	.1%	1
Rat (<i>Rattus</i> sp.)	Non-cultural	10	1.0%	3
Small Rodent	Non-cultural	1	.1%	1
Medium Rodent	Non-cultural	1	.1%	1
Small mammal	Non-cultural	14	1.5%	1
Small/medium mammal	Indeterminate	4	.4%	1
Medium mammal	Cultural and non-cultural	112	12.0%%	1
Medium/large mammal	Cultural and non-cultural	26	3.0%	1
Large mammal	Cultural	45	5.0%	1
Chicken (<i>Gallus gallus</i>)	Cultural	8	.8%	2
Turkey (<i>Meleagris gallopavo</i>)	Cultural	3	.3%	2
Pheasant (<i>Phasianus colchicus</i>)	Cultural	1	.1%	1
Ruffed grouse (<i>Bonasa umbellus</i>)	Cultural	1	.1%	1
Domestic pigeon (<i>Columba livia</i>)	Non-cultural	6	.6%	1
Starling (<i>Sturnus vulgaris</i>)	Non-cultural	1	.1%	15
Canadian goose (<i>Branta canadensis</i>)	Cultural	2	.2%	1
Duck (<i>Anas</i> sp.)	Cultural	6	.6%	2
Goose (<i>Anseriformes</i> sp.)	Cultural	4	.4%	2
Galliformes sp.	Cultural	6	.6%	2
Small bird	Indeterminate	4	.4%	1
Medium bird	Cultural	41	4.3%	3
Medium bird/juvenile	Cultural	6	.6%	1

Large bird	Cultural	5	.5%	1
Small mammal/medium bird	Indeterminate	2	.2%	1
Oyster (<i>Crassostrea virginica</i>)	Cultural	556	58%	43
Hard-shelled clam (<i>Mercenaria mercenaria</i>)	Cultural	16	2.0%	2
Large fish	Cultural	9	.9%	2

Note- Artiodactyl=even-toed hoofed animal (ie. Cow, sheep, deer, pig); medium mammal=animal weighing 30lbs-175lbs (ie. Sheep, deer, pig or calf); large mammal=animal weighing >175 lbs (in this context, most likely cow); small bird=bird the size of a pigeon or smaller; medium bird=bird the size of pheasant or duck; large bird=bird the size of a turkey or larger; “/” in taxonomic identification refers to “or”.

Body Part Representation

Taxon	Head	Torso	Forelimb	Hindlimb	Carp/Tars	MT/MC	Foot
Cow (<i>Bos taurus</i>)	X	X		X			X
Pig (<i>Sus scrofa</i>)	X	X	X	X			X
Sheep (<i>Ovis aries</i>)		X	X	X		X	
Artiodactyl sp.			X	X			X
Medium mammal	X	X					X
Large mammal	X	X					

Note-Carp/Tars=Carpals/Tarsals; MT/MC=Metatarsals/Metacarpals.
 Artiodactyl sp.=cow, sheep, pig or deer

Observed Meat Cuts

Type of Meat	Cut	NISP	NISP% *
Beef	Rib	5	14.0%
Beef	Short rib	2	5.0%
Beef	Leg roast	1	2.7%
Beef	Chuck roast	1	2.7%
Beef	Rump roast	1	2.7%
Beef	Shoulder roast	1	2.7%
Beef	Shoulder chop	1	2.7%
Beef	Roundsteak	1	2.7%
Beef	T-bone	1	2.7%
Beef	Soupbone	1	2.7%
Pork	Hindshank	1	2.7%
Pork	Foreshank	1	2.7%
Medium mammal	Sirloin	1	2.7%
Medium mammal	Round	1	2.7%
Large mammal	Loin	1	2.7%
Artiodactyl sp.	Leg roast	1	2.7%
Artiodactyl sp.	Foreshank	1	2.7%
Artiodactyl sp.	Hindshank	1	2.7%

*% of total butchered bone

Note-Artiodactyl sp. refers to meat that could have been beef, pork or lamb; medium mammal refers to meat that was either pork or lamb; and large mammal refers to meat that was likely beef.