

APPENDIX VIII
FAUNAL ANALYSIS: WILSON-SLACK COMPLEX
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This collection consists of 501 total bone and bone fragments. Of this total 61% were not identifiable except into the unknown mammal (UNX) and unknown bird (UNB) categories. Of the remaining bone, we are able to place about 10% in the small (SAR) or large (LAR) artiodactyl categories combined. Chicken remains (8.58%) are the most frequent in the group identifiable to species. In descending order of frequency are the cat, pig, cow, turkey and the small mammal remains. The 27 bones identified as cat are actually from one collection unit and probably represent the remains of 1 animal. The same is true of the woodchuck remains. The animal species found at the site include *Bos* sp. (cow), *Sus* sp. (pig), *Gallus* sp. (chicken), *Meleagris* sp. (turkey), *Felis domesticus* (cat), *Sylvilagus floridanus* (cottontail rabbit), *Marmota monox* (woodchuck), a species of water fowl that was not diagnostic based on the fragments present, and a group of small rodent mammals probably of the genus *Rattus* (rat). Species were identified according to Gilbert (1980), Gilbert, et al (1981), Schmid (1972) and Sisson and Grossman (1975). Since there is not definitive evidence of sheep, goat, deer or horse remains, bone placed in the LAR category are probably cow and those in the SAR category, pig. Also a human molar (*Homo sapiens*) is found among the faunal remains. This tooth shows the effect of modern medical dental intervention in the form of a metallic filling in a carie on the occlusal surface of the tooth. A summary of this information is presented in Table 1.

Since the total number of bone and bone fragments is so small, and given the high proportion of unidentifiable bone, it was not possible to do any further quantification (i.e., MNI= minimum number of individuals, or RF= any type of relative frequency calculation). Also, it is not possible to analyze the bone by excavation unit although this may be archaeologically significant. This faunal collection is placed in labelled plastic bags tagged by unit at the site. There are 90 of these bags. A list of the bone identifications by bag is given in the Appendix

and a summary of this information (number of bags per unit and species found) is given in Table 2.

Given the occupational nature of the historical Wilson-Slack House, a summary of the butchery information is given in Table 3. The majority of butchery traces are on rib and vertebral fragments. This would account for the breakdown of butchery by species in which the largest number of bones falls into the large artiodactyl category (LAR). Ribs and vertebral fragments in this collection were not classifiable to species although the bones, as mentioned previously, probably are cow. All of the butchered bones are sawed through either longitudinally or transversely to the axis of the bone. Two of these bones are sawed sections which have been whittled or fashioned, and one bone appears to have been hollowed out. Butchery information on each individual bone can be found in the Appendix.

The size of the Wilson-Slack collection has limited the type and quantity of faunal analyses possible; however, this brief report indicates the total range of species, the division of these by archaeological unit, and butchering evidence of certain bone elements. Comparison to other similar sites is suggested.

KEY TO ABBREVIATIONS

SPECIES:

UNX - unknown mammal
UNB - unknown bird
LAR - large artiodactyl
SAR - small artiodactyl
SMM - unknown small mammal

ANATOMIES:

MP - metapodial
MC - metacarpal
MT - metatarsal
Lbone - long bone fragment
PCfrag - postcranial fragment
U molar - upper molar
L molar - lower molar
LC - lower canine
UC - upper canine
LPM or UPM - lower or upper premolar
tibtar - tibiotarsus
epistro - epistropheus (axis)
vert - vertebral fragment
carmetcar - carpometacarpus
tarmetat - tarsometatarsus

BUTCHERY:

L butch - along the long axis of the bone
C butch - at an angle to the long axis of the bone

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TABLE I

TOTAL NUMBER OF BONES AND PERCENTAGE OF SPECIES PRESENT

UNX	221	44.11%
UNB	85	16.96%
CHICKEN	43	8.58%
LAR	39	7.78%
CAT	27	5.39%
PIG	25	4.99%
COW	22	4.39%
SAR	11	2.20%
TURKEY	11	2.20%
WOODCHUCK	5	1.00%
RODENT	5	1.00%
SMM	4	.80%
HUMAN	1	.20%
COTTONTAIL RABBIT	1	.20%
FISH/AMPHIBIAN	<u>1</u>	.20%
TOTAL	501	

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TABLE 2

SUMMARY OF FAUNAL MATERIAL BY UNIT

UNIT	#BAG	SPECIES					LAR	PIG	COW	SAR	TURK	OTHER
		UNIX	UNB	CHICK								
18	5	X	X			X	X	X		X		
19	4	X	X	X		X		X	X	X		
20	0											
21	4	X		X			X	X				
22	3	X				X					Woodchuck	
23	4	X				X					Human	
24	11	X	X	X		X	X	X	X	X	SMM(Rat)	
25	3	X										
26	0											
27	2	X	X	X		X			X			
28	1			X								
29	3	X									SMM, Cat	
30	4	X					X				Fish/Amphibian	
31	9	X	X	X		X		X		X	Rabbit, Waterfowl	
31/32	2					X				X		
32	7	X	X	X		X	X	X				
33/34	20	X	X	X		X	X	X	X	X	SMM	

1 bag in each of the following:

Transect 1									X		
Transect 2,3			X								
Transect 4GC		X				X					
Transect 4, N-W							X				
10N 10W											Rodent, SMM
30N 80W				X							
30N 90W		X									
30N 100W		X									

NOTE: Order of species does not represent frequency of species in each unit.

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TABLE 3

SUMMARY OF BUTCHERY

BY ANATOMY:

ANATOMY	NO. OF BONES
mandible	1
rib/rib frag.	12
humerus	2
vert/vertebral frag.	4
Lbone shaft	3
femur	2
metapodial	1
UNX fragment	<u>2</u>
TOTAL	27

BY SPECIES:

SPECIES	NO. OF BONES
Cow	4 (mandible, humerus, 2-vert.)
Large Artiodactyl	12 (7-rib, Lbone shaft, 2-femur, MP, vertebra)
Pig	1 (humerus)
Small Artiodactyl	1 (Lbone shaft)
UNX	<u>9</u> (5-rib, vert. frag., Lbone, 2-frags)
TOTAL	23

SPECIES	ANATOMY	SIDE	NOTES	FRAGMENT
Unit #18 Level A #063				
UNB Pig	frag LPM3	L		
Unit #18 Level B #064				
3LAR	ribs			frag
4UNX Cow	frags vert	L	butch (spinous process)	spin.p. & peducle frags
3UNX	vert			
UNX Pig	frag tibia		butch	shaft
Pig	LC	L	male	
Unit #18 Level C #065				
UNX Pig	vert LM2		unerupted (roots not formed)	frag
2UNB	frags			
2UNX	frags			
Unit #18 Level E #067				
Pig	MT2	L		
UNB	Lbone			shaft
LAR	rib			frag
UNX	frag			
Unit #18 Feature #1 #071				
3UNX Turkey	frags tibtar	~		
Unit #19 Level A #072				
Turkey	Lbone		fracture-healed	shaft
Unit #19 Level B #073				
10UNX Chicken	frags pelvis			frag
UNB	radius			shaft
SAR	rib			frag
2Lar	rib			frags

SPECIES	ANATOMY	SIDE	NOTES	FRAGMENT
8UNX Chicken UNX	frags femur vert			distal frag
Unit #19 Level C #074				
Cow 8UNX UNX SAR 4LAR UNX SAR	U molar frags frag rib rib Lbone radius	R	worn L butch	 spinous process frags frag shaft
Unit #21 Level A #086				
Chicken UNX Cow	humerus frag humerus			distal distal end
Unit #21 Level B #088				
UNX UNX UNX 4UNX UNX Pig	vert rib rib frags frag MP		C butch C butch	frag frag frag
Unit #22 Level A #091				
Woodchuck	ilium ulna vert ischium premaxilla	R R R R	blade (unfused) nfused: P,D centrum unfused acetabulum unfused with incisor	
Unit #22 Level B #092				
UNX LAR	frag femur		R (6") C butch (both ends); hollowed out (?)	shaft
Unit #23 Level A #098				
Human	2Lmolar	R	with filling (metallic-silver)	

SPECIES	ANATOMY	SIDE	NOTES	FRAGMENT
Level B #099				
6UNX	frags			
Unit #23				
Level C #100				
3UNX	frags			
Unit #23				
Level D #101				
LAR	rib			frag
Unit #24				
Level A #103				
LAR	femur		(1½") C butch (both ends)	shaft
LAR	vert		L butch	frag
5UNB	frags			
3UNX	frags			
SMM	sacrum			body and wing
3UNB	frags			
SAR	rib			frag
UNX	frag			
Unit #24				
Level B #104				
UNX	frag		unfused end	
11UNB	frags			
2UNX	frags			
Chicken	scapula	R		
Pig	humerus	R	L butch (ventral epiphysis)	distal shaft
7UNX	frags			
LAR	Lbone		3/4"; C butch (both ends)	
Rat	femur	R	head fused (not obliterated)	prox. shaft
SMM	PC frag			
Unit #24				
Level C #105				
LAR	ribs		C butch	
3UNX	frags			
6UNB	frags			
Chicken	ulna	R	in two pieces	whole
Turkey	ulna	L	in two pieces	whole
Unit #24 - ext.				
Level A #107				
UNX	rib		C butch: 45 degree angle	frag
UNX	frag		(both ends)	

SPECIES	ANATOMY	SIDE	NOTES	FRAGMENT
3UNB	frags			
Unit #24 - ext. Level B #108				
Chicken UNX	car metac	L		prox.
3UNB	frag			
Chicken	frags			
	femur	L		head
	femur			shaft
SAR	rib			frag
LAR	rib		C butch (both ends)	frag
Cow	PH1			
4UNX	frags			
SMM	femur	R	1 Ind?	
SMM	pelvis	R	1 Ind?	
2SMM	fibula		1 Ind?	
Unit #24 - ext. Level C #109				
Chicken 3UNX	tar metat	L		distal
4UNB	frags			
LAR	rib		C butch (both ends)	
UNX	frag			
Unit #24 - ext. Feature #110				
SAR	rib			frag
2UNX	frags			
Unit #25 Level C #113				
4UNX	frags			
2UNX	frags			
UNX	Lbone		L butch	shaft
Unit #27 Level A #120				
2UNB	frag			
Chicken	humerus			
SAR	rib			frag
Bird (water fowl)	radius			
Unit #27 Level B #121				
LAR	vert			spinous process
UNX	frag		296	

SPECIES	ANATOMY	SIDE	NOTES	FRAGMENT
Unit #28				
Level A #123				
Chicken	humerus	R		
Unit #29				
Level A #127				
UNX	frag			
SMM	femur	R		prox. shaft
UNX	rib		C butch	frag
Unit #29, Feature #1				
Level B #130				
Domestic	UC	R		
Cat	mandible	R		
	mandible	L		
	(with loose C, PM3, PM4, M1)			
	humerus, distal shaft	L		
	atlas			
	11 cranial frags			
	occipital (whole)			
	frontal (whole)	L		
	frontal (whole)	R		
	temporal	L		
	temporal	R		
	Lbone (shaft frag)			
	ulna, prox.	L		
	5 frags			
Unit #30				
Level A #131				
Pig	tibia	R	nfused:P	prox. shaft
UNX	frag		butch ??	
3UNX	frags			
Pig	ulna	R		prox.
Unit #30				
Level B #132				
7UNX	frags			
Fish/ Amphibian	mandible	L		1/2 whole
3UNX	frags			
Unit #31				
Level B #135				
Cow	humerus	L	2½"; C butch (both ends)	distal shaft
Bird	Lbone			frag
Turkey	scapula	L		
Chicken	humerus		297	
UNX	frag			

SPECIES	ANATOMY	SIDE	NOTES	FRAGMENT
Unit #31				
Level C #136				
LAR	MP		C butch (both ends) whittled and tapers to both ends	shaft
2UNB	frags			
Turkey	frag			
Turkey	scapula	L		
Turkey	coracoid	L		
2UNX	frags			
Turkey	tibmtt	R		
Rabbit	humerus	R	Sylvilagus floridanus	distal
Bird	femur	L	not chicken or turkey	proximal
3UNX	frags			
UNX	Lbone		whittled (shaped)	frag
Unit #31				
Level E #138				
LAR	rib			frag
Unit #31, 32				
Level A #145				
Turkey	carmetcar	R		
Unit #31, 32				
Level D #148				
LAR	rib			vert. art.
Unit #32				
Level C #141				
UNB	frag			
Pig	MP		central-unfused	
LAR	Lbone			frag
5UNX	frags			
2UNX	frags			
Unit #32				
Level D #142				
LAR	rib		C butch (both ends)	frag
2LAR	rib			frags
3UNX	frags			
Chicken	coracoid	R		
Unit #32				
Level E #143				
Cow	vert		L butch	spinous process

SPECIES	ANATOMY	SIDE	NOTES	FRAGMENT
Unit #32				
Level F #305				
UNX Cow	frag mandible	R		
	M3		worn	
Unit #33 and 34				
Level A (inside & outside foundation) #306				
10UNB	frags			
6UNX	frags			
3LAR	rib			frags
2UNX	rib			frags
Unit #34 IF				
Level A #155				
BUNX	frags			
7UNB	frags			
Chicken	coracoid	R		proximal
3UNX	frags			
SAR	femur			condyle frag
UNX	vert		L butch	frag
3UNX	frags			
Pig	ischium	R		
Cow	calcaneus	R		
Unit #34 IF				
Level B #156				
UNX	rib		C butch (both ends)	
UNB	frag			
2UNX	frags			
UNX	rib			vert. articulation
UNB	frag			
2UNX	frags			
Unit #34				
Feature IF #157				
Cow	cranial			frag
Cow	cranial	L		orbit
2UNX	frags			
2LAR	mandible			frags
Cow	nasal			
Cow	occipital			
UNX	cranial			frag
Cow	mandible	L		
	PM2,3,4			
Cow	maxilla	L		
	M1		very worn	
	M2		broken	

SPECIES	ANATOMY	SIDE	NOTES	FRAGMENT
	M3		erupted through bone-not at gum level	
	(socket for PM4		present)	
Unit #33				
Level C #150				
2UNX	frags			
UNX	vert			frag
LAR	epistro			frag
5UNX	frags			
Pig	LM2		NW (just erupting-roots unfused)	
Unit #33				
Level D #151				
Chicken	tibtar	R		distal
Chicken	scapula	L		
UNX	vert			frag
3UNX	frags			
2UNB	frags			
4UNX	frags			
Pig	LC	R	male	
Pig	UM2	R	moderate wear	
Pig	maxilla	L		
	P3		worn	
	P4		fragment	
Pig	MP			frag
4UNX	frags			
Cow	PH2			
Pig	humerus	R		distal
SAR	PHI			frag
UNB	frag			
Pig	maxilla	L		
	P4		very worn	
	(M1 socket present			
Turkey	coracoid	L		distal
Chicken	scapula	R		
SAR	rib			frag
SMM	ilium			frag
UNX	frag			
4UNB	frags			
Pig	LI	R	open root; slight wear	
Pig	LP3	L	slight wear	
Turkey	coracoid	R		prox.
2UNX	frags			
3UNB	frags			
LAR	rib		C butch	frag
4UNX	frags			
Pig	MT2	R		
4UNB	frags			
UNB	Lbone			frag
Turkey	ulna	L		distal

Unit #33

SPECIES	ANATOMY	SIDE	NOTES	FRAGMENT
Level E #152				
2LAR	vert			frags
3UNX	frags			
Cow	rib			vert. artulation
Cow	PHI	L		
Cow	PH	R		
3UNX	frags			
Unit #33				
Level F #153				
Cow	mandible	R		frag
Cow	mandible		L butch (condyle)	frag
Pig	lat. MP			shaft
Cow	MC	L	nfused:P	prox. shaft
2Cow	MT	R		prox. shaft
9UNX	frags			
2LAR	Lbone			frag
Unit #33				
Feature #154				
Pig	MT4	L		
UNB	tibtar		immature	
Transect #1				
S. of Feature 4 #160				
SAR	Lbone		(2"); C butch	shaft
Transect #2, #3				
GC #161				
Bird	Lbone			frag
Transect #4				
GC #162				
LAR	rib			frag
UNX	cranial			frag
Transect #4, Feature 1				
#163				
Pig	femur	R	nfused:P,D	whole
10N 10W				
#209				
4Chicken	frag			
	rear phalange			
	humerus, head R		301	

SPECIES	ANATOMY	SIDE	NOTES	FRAGMENT
3	humerus, head	L		
	vertebral frags			
	rib frag			
2	sternum frag			
	coracoid, prox	R		
	coracoid, prox	L		
	radius, prox			
	tibiotarsus, prox	L		
	radius shaft			
	humerus, distal	L		
	scapula	R		
	ulna, prox	R		
	humerus, shaft			
	femur, shaft			
	femur, prox	L		
	ulna, distal	L		
	carpometacarpus (whole)	L		
	pelvis (frag)			
30N 90W #210				
2UNX	frags			
30N 100W #211				
2UNX	frags			

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