

Appendix H: Structure of Databases

APPENDIX H

STRUCTURE OF DATABASES

LISTS OF TABLES AND FIELDS IN AFRICAN BURIAL GROUND ARCHAEOLOGICAL DATABASE

The database is in Microsoft Access, file name "Alldata." The structure is very simple. In general, the tables can be easily joined by matching the Burial number (the "FEAT" field in most tables), or the Catalog number, when creating queries or reports. Fields are not coded. Lists of values for an individual field can be obtained by running a query selecting the field or by sorting the table by the field.

Tables in Alldata Database

Table (In Alphabetical Order)	Description
ABGCAT	Provenience catalog for Broadway block (including nonburial).
ABG_DPTS	Locations and elevations of temporary datum points.
Addfaun	Faunal inventory (from pipes).
ARTPHOTOS	List of color slides of burial-related artifacts (this set was destroyed 9/11/01).
Bone and hair	Fragments of bone or hair that were attached to or bagged with artifacts found in pedestal led soil.
Burial4	Data on each burial.
Coffinsize	Coffin dimensions.
Conbur3	Artifacts directly associated with skeletal remains and those from grave shaft fill (excludes stone wares from fill faunal, wood samples).
DRAWINGS	List of all numbered drawings.
NewPinTable	Pins in burials with location on body.
NOTES	Field notes (transcribed from field sheets).
PHOTOBKS	List of slides in binders 1 through 10 burials (field photos).
PHOTOLOG	Log of photographs taken in field and of conserved artifacts, Broadway, and courthouse.
SHELLFLOR	Inventory of shell and floral remains all contexts.
SOIL SAMPLES	Inventory of soil samples and status of each sample—to be updated.
Stoneware	Inventory of local stone wares from grave fill.
TOTWOOD	Inventory of wood samples.

Fields in ABGCAT Data Table

Field Name	Date Type	Field Size	Description
AS_ENTERED	number	double	Order record entered into table.
CAT_NO	text	10	Catalog number, denotes unique provenience.
FEAT	text	6	Feature or burial number.
NOTES	text	254	
LOT	text	10	Location of excavation (historic property).
DATUM_PT	text	4	Which numbered datum point was used during excavation.
TYPE_TEST	text	10	Type of test unit.
EU_	text	13	Numbered excavation unit.
STRATUM	text	7	
LVL	text	3	Level within stratum.
GRIDEAST	number	double	Location on site grid.
GRIDSOUTH	number	double	Location on site grid.
DATE	date/time		Date of excavation.
EXCAVATOR	text	20	Initials of excavators.
BAG_LABEL	text	100	Label on bag from field.
CONTEXT_TY	text	50	Context type (e.g. human remains, soil sample, coffin).

Fields in ABG_DPTS Data Table

Field Name	Date Type	Field Size	Description
DPT	text	4	Numbered datum point.
Grideast	number	double	Location on site grid.
Gidsouth	number	double	Location on site grid.
Feet below A	number	double	Measurement below Datum A.
ASL	number	double	Above sea level.
Comments	text	100	

Fields in Addfaun Data Table

Field Name	Data Type	Field Size	Description
Feature #	text	4	
Catnum	text	50	
TotalBone	number	integer	Count of pieces.
Speciesname	text	50	
Latinname	text	50	
Element	text	50	Translation of element code.
Portion	text	50	Translation of part code.
MinNum	text	3	Minimum number of mintype units (individuals, elements, etc.).
Mintype	text	50	Translation of mnu code.
Status	text	50	Disposition of items.
Weight	text	5	
Age	text	3	Coded field (see faunal report).
ID	text	5	Coded field (see faunal report).
Speciescode	text	5	Coded field (see faunal report).
Elementcode	text	50	Coded field (see faunal report).
Partcode	text	50	Coded field (see faunal report).
Mincode	text	1	Minimum number of uncoded field (see faunal report) nits (mnu) code (see faunal report).
MeatCut	text	3	Coded field (see faunal report).
Secondary	text	1	Coded field (see faunal report).
Retail	text	1	Coded field (see faunal report).
Assigned	text	1	Coded field (see faunal report).
CutMk	text	2	Coded field (see faunal report).
Gnaqmk	text	2	Coded field (see faunal report).
Heatexp	text	2	Coded field (see faunal report).
Weather	text	2	Coded field (see faunal report).
Bonenum	text	10	Coded field (see faunal report).
Note	text	40	

Note: The project archive contains a report from the faunal analyst, Marie-Lorraine Pipes, and listing codes.

Fields in Artphotos Data Table

Field Name	Date Type	Field Size
AS_ENTERED	autonumber	long integer
FEAT	text	6
TYPE_PHOTO	text	20
ROLL	number	double
EXP	text	10
CAT_NO	text	10
PT_NO	text	4
Object	text	30
CNT	number	double
NOTES	text	255

Fields in Bone and Hair Data Table

Field Name	Data Type	Field Size
ID	autonumber	long integer
Artno	number	double
FEAT	text	255
CAT_NO	text	255
PT_NUM	text	255
Status	text	255
COUNT	number	double
Object	text	255
MATERIAL	text	255
Portion	text	255
Comments	text	255
Original Bag Label	text	255

Fields in Burial4 Data Table

Field Name	Data Type	Field Size	Description
FEAT	text	6	“Feature” number; this is the burial number.
SeeAlso	text	50	When two originally designated burials have been reassigned as one; or to indicate shared coffin or grave.
COMMENTS	text	254	
Coffin	text	10	Note “present,” “no coffin,” or “n/a” for disturbed remains where it is not possible to determine presence/absence.
COF_SHAPE	text	25	Shape of coffin if determined, “no coffin” if buried without coffin, blank if presence of coffin not determinable.
TPQ	text	7	Terminus post quem if assigned.
TEMPORAL_G	text	8	Temporal group to which assigned for analysis: early, mid, lmid (for later middle), late dash indicates redeposited remains, unassigned.
Dating rationale	text	100	Artifactual and/or stratigraphic and spatial evidence for dating.
SERIES	text	3	Arbitrary number for grouping of graves used during stratigraphic analysis.
SKELHIGHASL	number	double	Highest elevation of remains, calculated from depth recorded on burial form.
SKELLOWASL	number	double	Lowest elevation of remains, calculated from depth recorded on burial form.
Highloc	text	40	Location for depth of highest point of skeletal remains taken in field (default is cranium).
Orientation	number	integer	Orientation of head of deceased measured in degrees west of grid north. “000” means head to west but angle not measurable.
AGECAT	text	10	Age category (adult, subadult).
AGE	number	double	Composite age statistic.
AGEGROUP	text	15	5–year intervals for adults, 1–year intervals for subadults.
AGELOW	number	double	Lowest age of range.
AGEHIGH	number	double	Highest age of range.
GENDER	text	7	Use male, male?, female, female?, undetectable, or n/a for no skeletal remains.
Stature	number	double	Calculated height statistic for individual (feet rounded to one tenth) see skeletal biology data for ranges.
Area	text	2	N, S: north or south of fence line (? If at line) SE: southeast sub-area of site (all south of fence).
GRIDEAST	number	double	Location (east) on site grid.
GRIDSOUTH	number	double	Location (south) on site grid.
PINS OBSERVED	text	50	“Y” if pins observed in burial, with or without recovery.

Fields in Burial4 Data Table (continued)			
Macroplant	text	5	“Y” if soil sample sent for macrobotanical analysis (new south associates).
Pollen	text	5	“Y” if soil sample sent for pollen analysis (Kelso or Arizona State University).
Dental Mod	text	10	“Y” if dental modification observed.
BODY_POS	text	25	Position of body default is supine.
HEAD_POS	text	25	Position of head.
ARM_POS	text	25	Position of arms.
LEG_POS	text	25	Position of legs.
DPT	text	4	Field datum point used during excavation for depth measurements.
DPTASL	number	double	Elevation of datum point.
SKELHIGH	number	double	Depth recorded on burial form and/or drawing.
SKELLOW	number	double	Depth recorded on burial form and/or drawing.
Preservation	text	50	Y/N = well enough preserved to be counted, for purposes of calculating distributions of artifacts?
TPQ source	text	50	
Clothing Items	text	3	Y/N—question marks indicate problematic.
Jewelry	text	3	Y/N—question marks indicate problematic.

Fields in Coffinsize Data Table

Field Name	Data Type	Field Size	Description
Feat	text	6	Burial number.
COF_SHAPE	text	25	Hexagonal, tapered, rectangular, four sided (unclear shape), unidentified.
MaxLength(ft)	number	single	Head board to foot board.
MaxWidth(ft)	number	single	Head board for four sided coffins; shoulder-width for hexagonal.
Head-Shoulder(ft)	number	single	Measurement from head board to shoulder, down center line.
Coffincomment	text	150	

Fields in Conbur3 Data Table

Field Name	Data Type	Field Size	Description
ID	autonumber	long integer	Unique record identifier.
FEAT	text	255	Burial number (“feature” number given in field).
CAT_NO	text	255	Catalog number (corresponds to a unique provenience).
PT_NUM	text	255	Point number is the number assigned to specific item(s) from a provenience (extension of catalog number).
Status	text	255	Disposition of items.
COUNT	number	double	Count of items or fragments.
Object	text	255	
MATERIAL	text	255	
Portion	text	255	
Comments	text	255	
Cobb Lab Bag Label	text	255	For items received from Cobb Laboratory (found during cleaning of bones).
Manufacture	text	255	
Color	text	255	
Shape	text	255	
Diameter(cm)	number	double	
Manufacture-Shape	text	255	
Length(cm)	number	long integer	
Width(cm)	number	double	
Form	text	255	
Type	text	255	
Decoration	text	255	
Field_ptnum	text	255	Number given in the field to specific item.
Height(cm)	number	double	
CONSERVE	text	255	Number assigned during conservation in laboratory.
CON_ID	text	255	Number assigned during conservation in laboratory.
Length(in)	text	255	

Fields in Drawings Data Table

Field Name	Date Type	Field Size	Description
DWG#	text	5	Unique number given in the field to each drawing.
DATE	date/time		
CAT_NO	text	20	Associated catalog number (denotes unique provenience).
FEAT	text	7	Feature number (e.g. Burial number).
BY	text	17	Artist initials.
DESCRIPTION	text	100	Description of what is depicted in drawing.
Status	text	20	Location of original drawing.
Scanned	text	10	T = scanned at 300 resolution to .tif file for archive.
COMMENTS	text	100	
SCALE	text	10	Drawing scale (typically 1' = 1').
LOT	text	5	Location on site (historic lot, e.g. Lot 12).
EU#	text	21	Excavation unit number.
STRUCT#	text	3	Excavation shelter.
STRATUM	text	25	Stratum within an excavation unit.

Fields in NewPinTable Data Table

Field Name	Data Type	Field Size	Description
ID	auto number	long integer	
FEAT	text	255	Burial number.
Placement	memo		Text description of pin placement (preliminary).
Cranium	text	50	Present on cranium.
Cranium count	number	integer	
Jaw/neck	text	50	Present on mandible or maxilla, cervical verts, possibly clavicle.
Jaw/neck count	number	integer	
Torso	text	50	Present on ribs, abdomen, hip area.
Torso count	number	integer	
Extremities	text	50	Present on arms, hands, legs, feet.
Extremities count	number	integer	
Comments	text	255	
No provenience	number	integer	No provenience information recorded.

Fields in Notes Data Table

Field Name	Data Type	Field Size
Feat	text	6
Cat_No	text	10
Burial Form GSA-Notes	memo	
Burial Form GSA-Comments	memo	
Burial Form GSA-Initials	text	30
Prov# Sheet 1 Comments	memo	
Prov# Sheet 1 Date	date/time	
Prov# Sheet 1 Initials	text	20
Prov# Sheet 2 Comments	memo	
Prov# Sheet 2 Date	date/time	
Prov# Sheet 2 Initials	text	20
Lab Prov# Sheet Comments	text	255
Lab Prov# Sheet Date	date/time	
Lab Prov# Sheet Initials	text	20
Other Notes	memo	
Other Notes Date	date/time	
Other Notes Initials	text	20

Fields in Photobks Data Table

Field Name	Data Type	Field Size	Description
BK_NO	text	5	Binder number.
C_B	text	1	Color/black and white.
DATE	text		
Location	text	25	General site location.
Type of feature	text	35	
B_F_E	text	7	Burial, feature, or excavation unit.
Subject	text	35	
CAT	text	4	Catalog number.
ASS_CAT_1	text	4	Associated catalog number.
ASS_CAT_2	text	4	Associated catalog number.

Fields in Photolog Data Table

Field Name	Data Type	Field Size	Description
As_entered	autonumber	long integer	
BK_NO	text	5	Binder number.
PG_NO	text	15	Page number.
C_B	text	6	Color/black and white.
DATE	date/time		
Location	text	35	General site location.
Subject Type	text	40	General type of subject (e.g. candid, burial, excavation, etc.).
Subject	text	40	Specific subject.
SLD_TOT	number	integer	Total number of slides this image.
B_F_E	text	7	Burial, feature, excavation unit.
CAT_NUM	text	9	Catalog number.

Fields in Shellflor Data Table

Field Name	Data Type	Field Size	Description
Artcat#	autonumber	long integer	Unique identifying number.
FEAT	text	6	Burial number.
Catalog#	text	10	Denotes unique provenience.
Count	number	double	
Portion	text	30	
Identification	text	50	e.g. species.
Weight	number	double	
Comments	text	255	
Status	text	50	Disposition of items.

Fields In Soilsamp Data Table

Field Name	Data Type	Field Size	Description
AS_ENTERED	autonumber	long integer	
CAT_NO	text	10	Catalog number, denotes unique provenience.
FEAT	text	6	Burial number.
DATE	date/time		Date on sample bag(s).
EXCAVATOR	text	20	Initials on bag.
BAG_LABEL	text	100	Label on bag.
CONTEXT_TYPE	text	50	Indicates sample taken as a control.
NOTES	text	220	
SAMPLE_LOC	text	30	Location in burial.
STATUS	text	40	Disposition of sample or subsample.
SAMPLE_SZ	number	double	Size of sample.
FLOAT_DATE	date/time		Date of flotation (1992 flotation's only).
MAT_PRES2	text	1	"Y" if material was recovered from sample (filled out for 1992 flotation only).
DATE_picked	date/time		Date fraction was sorted (1992 flotation's only).
BAG_OF	text	8	Number of bags for the sample.
PROCESS_TO_DATE	text	70	Tracking field for processing.

Fields in Stoneware Data Table

Field Name	Date Type	Field Size	Description
Artno	autonumber	long integer	
FEAT	text	9	Burial number.
CAT_NO	text	10	Catalog number.
COUNT	number	integer	
Type	text	65	
Decoration	text	120	
Icware	text	50	Ware type.
Icdec	text	100	Additional information on decoration.
Form	text	50	
Portion	text	100	
Manufacture	text	100	
Comments	text	255	
NOTES	text	255	Notes regarding provenience.
Status	text	50	Disposition of items.
Typecode	text	6	
PT_NUM	text	4	
Object	text	100	
Pull	yes/no	yes/no	Pulled for additional examination (and replaced).
Icdamage	text	50	Damage observed.
Icrim	text	50	Rim form.
Icbase	text	50	Base form.
Ictechnique	text	50	Decorative technique.
Iccolor	text	50	Color of interior slip.
ID Number	number	long integer	This is the individual number given to items within a catalog number for ease of identification and retrieval.
MNV	number	long integer	Minimum number of vessels represented, this field was used only for Burial 353 grave shaft material.

Fields in Totwood Data Table

Field Name	Data Type	Field Size	Description
AS_ENTERED	autonumber	long integer	
FEAT	text	6	Feature number, equivalent to burial number.
CAT_NO	text	10	Catalog number, denoting unique provenience.
DATE	date/time		Date listed on sample bag.
BAG_LABEL	text	100	Label on bag.
Lab_location	text	8	
Sample_location	text	20	Which part of coffin.
Status	text	50	Disposition of sample.
Identification	text	20	Species, etc.
ID_method	text	20	Visual, microscopic, etc.
Consvr_comments	text	60	Comments of conservator.
EXCAVATOR	text	20	Initials on bag.
NOTES	text	220	