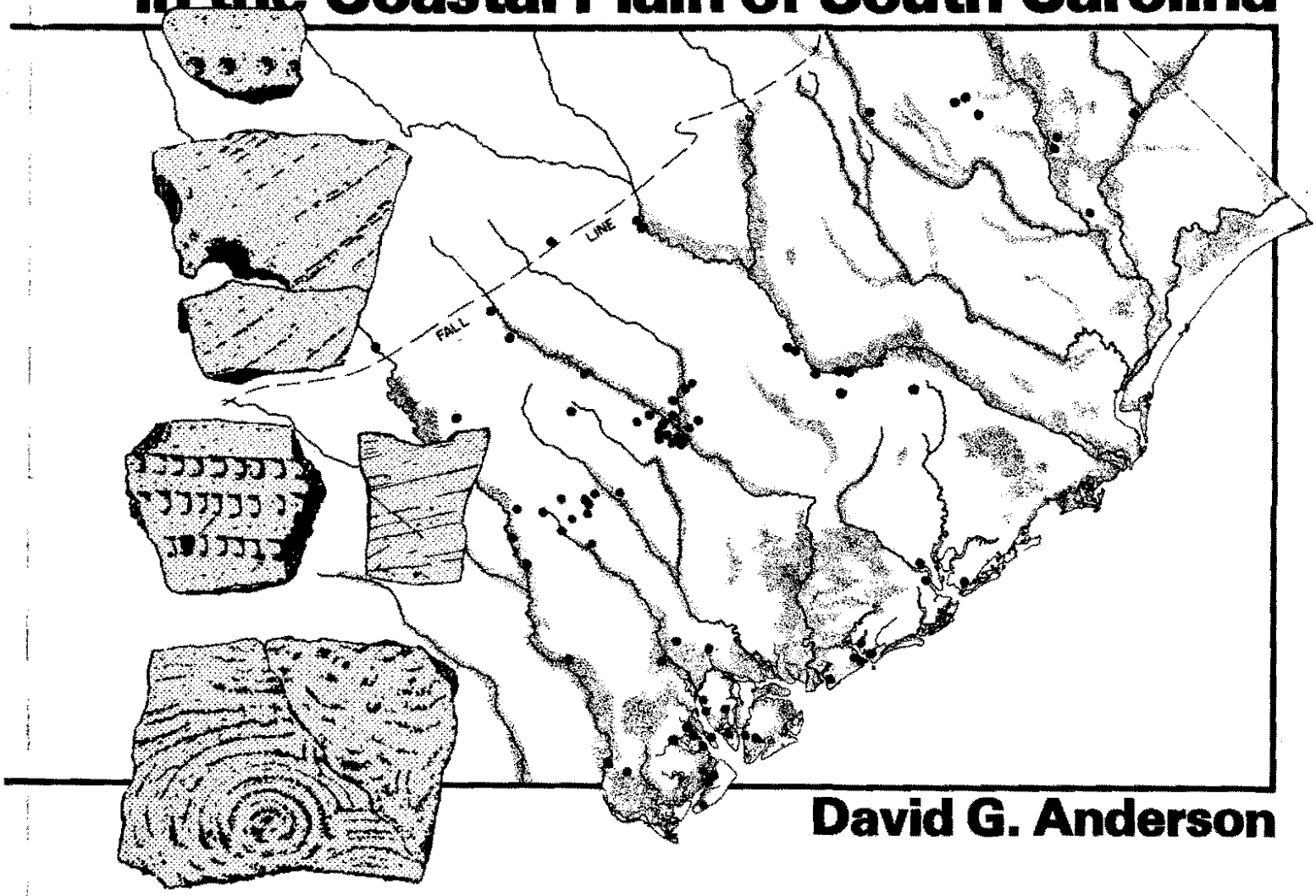
The Distribution of Prehistoric Ceramics in the Coastal Plain of South Carolina



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NOTES

Interested researchers are welcome to make use of any and all parts of this manuscript.

For a number of years I have referenced this manuscript the following way:

Anderson, David G.

1975 The distribution of prehistoric ceramics in the coastal plain of South Carolina. Unpublished manuscript with appendices and data sheets, on file at the Institute of Archeology and Anthropology, University of South Carolina, Columbia.

This document contains the supporting data for ceramic distributions reported in the following papers:

Anderson, David G.

1975 Inferences from distributional studies of prehistoric artifacts in the coastal plain of South Carolina. Southeastern Archaeological Conference Bulletin 18:178-194.

Anderson, David G., Sammy T. Lee, and A. Robert Parler

1979 Cal Smoak: archeological investigations along the Edisto River in the coastal plain of South Carolina. Archeological Society of South Carolina Occasional Papers 1.

Anderson, David G.,and Stephen R. Claggett

1979 Test excavations at two sites in the Cape Romain National Wildlife Refuge, Charleston County, South Carolina. South Carolina Antiquities 11 (1): 12-74.

Anderson, David G., Andrea Lee Novick, and Charles E. Cantley

1982 Mattassee Lake: archeological investigations along the lower Santee River in the coastal plain of South Carolina. Commonwealth Associates Inc. Report No. 2311. Prepared for the National Park Service, Interagency Archeological Services, Atlanta, under Contract C54030(80).

Anderson, David G.

1982 The ceramic sequence from the Mattassee Lake sites: towards a cultural sequence for the lower Santee River, South Carolina. Paper presented at the Coastal Carolina Aboriginal Pottery Symposium, The Charleston Museum, Charleston, S.C. August 20-21, 1982.

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TOWARDS A REGIONAL RESEARCH DESIGN

Introduction

The primary purpose of this study is to provide archeologists working in the Southeast Atlantic Coastal Plain, specifically in the South Carolina area, with a series of hypotheses, test implications, and general speculations about which they may wish to orient future research. The focus of this investigation concerns human adaptation during the ceramic prehistoric- the period (in this area) from roughly 4500 years ago until the permanent European settlement in the 1670's. Although the data base used to generate this research design is "South Carolina" oriented, the specific results may be immediately useful in contiguous areas. The overall approach- the delimitation of regional research concerns- should be widely applicable.

The need for regional research designs in North American archeology is pressing. In recent years developments in both archeological theory and in research responsibility- the tremendous increase in large, "wide area" contract projects- have led to the development of a regional perspective. The single site approach to American archeology is vanishing as investigators become increasingly aware that prehistoric human lifeways are complex adaptive systems. The rise of settlement pattern studies and a subsistence-systems orientation, with an emphasis on seasonal rounds, scheduling,activities, and a general "ecological" orientation, are examples of these developments.

In recent years there have been increasing calls for regional research designs. Binford (1964), King (1971), and the Southwestern Area Research Group (Gumerman 1971) have been among the most articulate in this respect. Until quite recently, however, these voices might well be viewed largely as crying in a wilderness. Regional approaches or orientations are talked about a great deal, but regional research designs- the actual development of hypotheses and specific test implications <u>prior</u> to research is still something of a novelty.

Examples of explicit, regionally oriented research designs are beginning to appear, however, and are increasingly demonstrating their effectiveness in the direction of subsequent research (e.g. Canouts et al 1972, Ferguson 1975, Gumerman 1971, Schiffer & House 1975). Recently Goodyear, for example, has developed a general research design for highway archeology operations in the South Carolina area.(1975). Specific research problem domains are outlined (i.e. intra-site cultural identification, activity analysis, and ecological considerations), and field and analytical methods appropriate to each domain proposed. Subsequent archeological operations in the South Carolina highway program have both benefited from the design and have led to improvements in particular areas within it.(Goodyear nd, House & Goodyear 1975).

A second example of an explicit regional research design is that developed by Raab (1976) for investigating human adaptive strategies in the Arkansas Ozarks. In particular Raab has proposed a model for prehistoric Ozark food procurement patterns, focusing on the exploitation of white-tailed deer. The specific research design developed itemizes key hypotheses and test implications (of these hypotheses) for determining the validity of, or for refining, the model. While the research designs by both Goodyear and Raab are meant to be applied within a particular region, individual hypotheses, test implications, or resaerch strategies may be useful over wide areas. Prehistoric deer procurement patterns, or highway corridor parameters, are hardly phenomonon limited only to the Ozarks or South Carolina.

The Nature of Regional Research Design

The development of explicit a priori written research desogns for the guidance of subsequent investigation is commonplace in many fields of scientific inquiry. Recently within archeology a number of papers have appeared calling for the preformulation, prior to actual investigation, of hypotheses, test implications of these hypotheses, and methods for operationalizing these hypotheses (Binford

1964,1968, Fritz & Plog 1970, Redman 1973, Watson, LeBlanc & Redman 1971). Such an orientation- the development of research design- would serve to explicitly relate archeological theory to research situations.

The development of a hypothesis testing research design framework in American archeology is a relatively new phenomonon. As recently as 1968 Binford observed that "the ideas and theories of science are old... however, in the field of archaeology these ideas are revolutionary" (1968:274). As Goodyear has indicated, central to the development of a sound research design is the integration of theory, method, and data:

> "the sine qua non of a research design must be the questions, problems, or hypotheses which are being formulated and tested, which can be linked to methods and techniques adequate to their evaluation. The testing of previously formulated models and hypotheses as well as the generation of new models should be the overriding goal of any archeological endeavor"(1975:7).

A research design must, therefore, link archeological and anthropological theory with archeological data. The development of models, hypotheses, and test implications of these hypotheses is one step in this process.

Of equal importance, and clearly linked with the task of hypothesis formulation, must be consideration for operationalization of these hypotheses. Operationalization refers to the means by which hypotheses are to be tested, given the realities of archeological data. Hypotheses are of little value if they cannot be operationalized- if the data necessary for their testing cannot be collected or analyzed. Researth design must be seen as a relationship of theory and data in the resolution of problems of concern to an investigator or investigators. A sound research design not only poses hypotheses, but also provides mechanisms for their testing- specific test implications and methods of data collection and analysis.

A regional research design should, in light of the above statements, have a definite structure. First, it should explicitly delimit problem domains- areas of current research interest, or areas for the direction of subsequent research

activity. Second, it should contain hypotheses about the archeological data base in light of these problem domains; these hypotheses should be solidly grounded in anthropological and archeological theory. The hypotheses themselves may be viewed as statements about interrelationships in the data. Third, the research design must provide for the operationalization of these hypotheses. Specific test implications must be developed, and procedures outlined for the collection and analysis of data essential to the testing of relevant hypotheses. Finally, a research design should be flexible- that is, capable of incorporating subsequent research results. Seen in this light, regional research designs are not static devices, but mechanisms for continually refining out knowledge and orientations regarding the archeology of a given region.

The Value of a Regional Approach to Research Design

The increasingly widespread appearance of research designs is seen as linked to the recent acceptance, by archeologists, of the scientific method of hypothesis formulation and testing, coupled with an increasing "no nonsense" attitude toward research on the part of contracting agencies handing out ever larger sums of money. Regional research designs can be, and indeed should be, valuable research tools, a fact sometimes overlooked by those more concerned with their heuristic appeal or with allaying the anxieties of contracting agencies.

Minimally, a regional research design provides a theoretical framework or research orientation that a large number of investigators can utilize. As such it serves to channel research along particular avenues, or at least indicates to the archeological community problem areas that could benefit from multi-investigator consideration. The acceptance or rejection of the research orientation, of course, will be the decision of the individual investigator. The availability of a written regional research design should, at least, provide approaches that might otherwise have been overlooked by particular investigators.

Regional research designs put out in the open what are believed to be

major research priorities. This openness- in an explicit, written statement- can lead to a continual refinement and reassessment of research goals and concomitant hypotheses, test implications, and methods of data collection. Furthermore, the consensus of research orientation resulting from the adoption of a good regional research design should generate results far beyond those resulting from disparate, unrelated or unconnected investigations. Kuhn, in commenting on the nature of scientific advancement, has noted that when scientific research activity has been focused by a particular problem orientation:

> "the profession will have solved problems that its members could scarcely have imagined and would never have undertaken without commitment to the paradigm" (1970:24-25).

The substitution of "regional research design" for "paradigm" or "particular problem orientation" in the preceeding sentences may well be appropriate.

Finally, regional research designs provide a series of specific approaches, hypotheses, and methodological procedures that individual investigators can plug into when conducting research. There are several advantages to having such an option. In particular, the development of a detailed (or any) research design for every survey, site testing activity, or minor excavation is often impractical or impossible given the exigencies of modern archeology. Such effort may well be beyond both the patience and ability of most if not all archeologists. Second, as mentioned previously, single-site research needs to be integrated into a regional perspective. Prehistoric adaptational systems were not confined to, nor can be explained in terms of, individual sites. A regional perspective may be essential to the interpretation of individual sites.

Research Orientations: Pattern Recognition and Pattern Explication

The research orientation of this study proceeds from the basic assumption that:

> "archeological sites are differentially and predictably distributed with regard to environmental variables in the Coastal Plain of South Carolina."

Such an assumption, more properly viewed as a macro-hypothesis, is well-founded in general cultural ecological theory; previous archeological research both in the study area and in general has shown such an assumption to be widely applicable and acceptable (Ferguson 1971, Gumerman 1971, Struever 1968).

Unfortunately, the temporal focus for this study- the ceramic prehistoric- is currently very poorly understood in the South Carolina area. Except for limited research on early ceramic shell midden sites (Stoltman 1972,1974), or with late prehistoric period mound-related complexes (Ferguson 1971, 1975), little is known about even the occurrence of prehistoric occupations. Thus the initial macro-hypothesis may be viewed as merely an untested assumption for the coastal South Carolina region.

The first major phase of this research therefore entailed an extensive investigation oriented towards what is here called "pattern recognition." Procedures were developed to directly test the macro-hypothesis- that is, to determine whether or not patterning existed in archeological site locations, over time, with regard to major environmental variables. If the null hypothesis

> H_o "archeological sites are not differentially and predictably distributed with regard to environmental variables in the Coastal Plain of South Carolina"

could be shown false, then the principal (macro) hypothesis, while not conclusively proven ture, would be strongly supported. Much of this study can be viewed as the repeated testing of the macro-hypothsis.

The results obtained from the testing of the macro-hypothesis- information concerning the distribution of prehistoric archeological sites in the Coastal Plain of South Carolina- could then serve as a guide to subsequent research and for the generation of models to explain the observed distributions. This second phase of the research, past the initial stage of pattern recognition, is here called the pattern explication stage. It is at this point that hypotheses and operationalization procedures- the core of a research design- are developed in an attempt to

explain the observed patterning, to interpret it in light of prehistoric adaptational strategies.

Operationalization Procedures: Data Collection Techniques

A simple and direct test of the macro-hypothesis entailed simply plotting the location of archeological sites on maps and recording environmental variables associated with each site location. To achieve a temporal fix- period of approximate site occupation- ceramic artifacts were investigated from each site. Previous archeological investigations in the general research area have indicated that many ceramic types are reasonably accurate temporal indicators (Caldwell & Waring 1939, South 1973). Through ceramic analysis not only could the locations of archeological sites be determined, but also their rough period of occupation within the relatively long ceramic prehistoric span.

In the present study ceramic artifacts from a total of 313 sites in the Coastal Plain of South Carolina were examined (Appendix I) (fig.). A sample size of some considerable extent was employed, encompassing most of the collections available (as of 1974) at the Institute of Archeology and Anthropology and at the Charleston Museum. Materials from a number of private collections were also utilized, including artifacts collected by members of the Archeological Society of South Carolina. Some 20,000 separate artifacts were inspected; the pottery from each site was analyzed ofr the incidence of attributes encompassing paste characteristics and method of surface treatment. A series of environmental attributes were also recorded for each site, including specific drainage environment, present forest cover, and ecotonal situation.

Extended discussion and definition of the particular ceramic and environmental attributes chosen for the analysis, and a rationale for these choices, is given in Chapter 2. Briefly, attributes were chosen on the basis of a number of criteria, including ease of recognition and measurement, usefulness as a temporal indicator (particularly in the case of certain ceramic attributes), and relevance

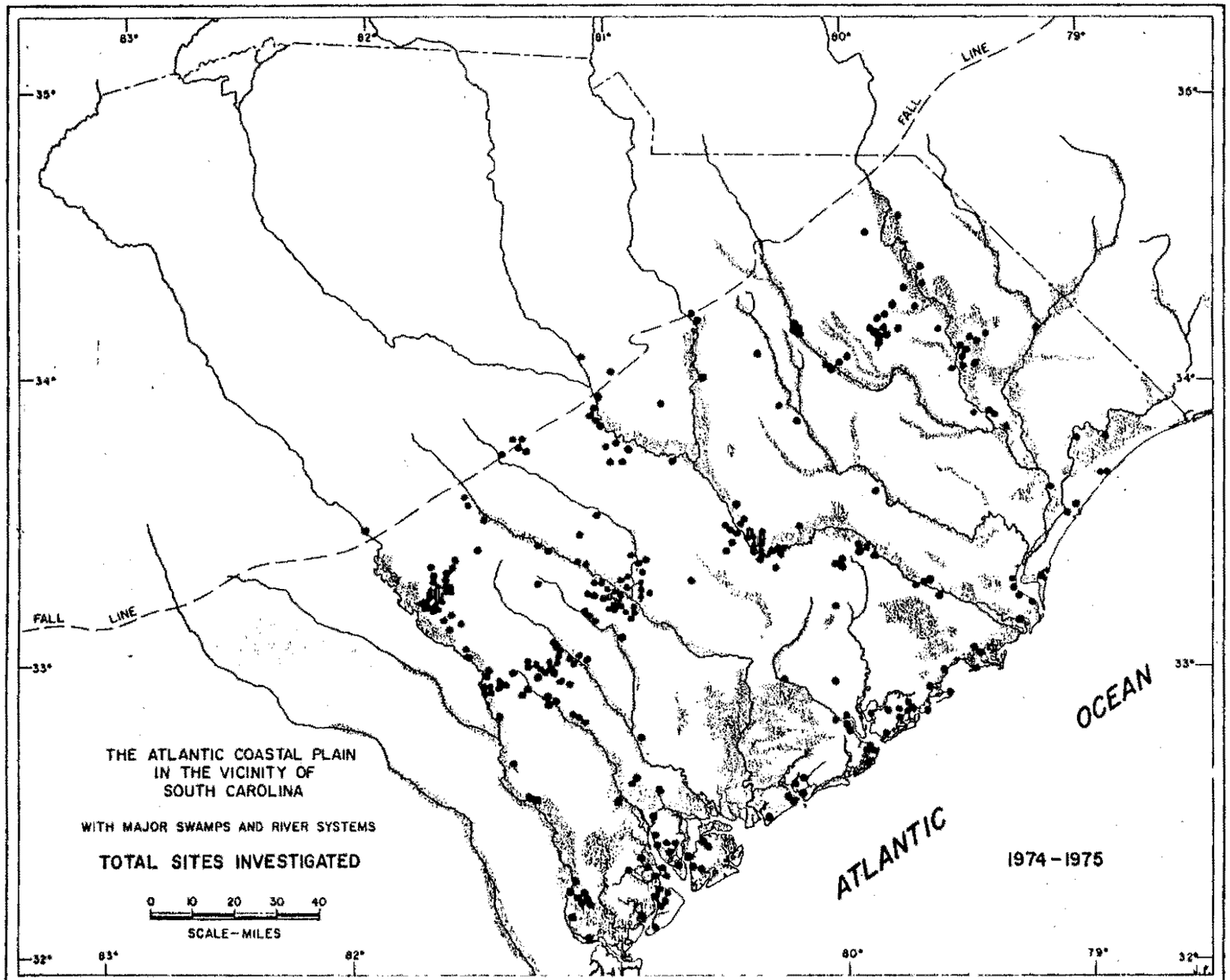

Fig. 1 Total sites investigated during the course of the ~~present~~ study. Each dot represents one site. 313 sites in total were investigated and are shown here.

distributional

to previously formulated hypotheses about archeological site or artifact distributions. A number of attributes were chosen specifically to test previous formulations against a large set of data.

Operationalization Procedures: Analytical Techniques

A key assumption in the data analysis is that the occurrence of pottery on an archeological site implys an occupation of that site by the manufacturers of that pottery. Such an assumption needs to be verified through the study of cultural and natural formation processes of the archeological record (Schiffer 1972, 1975). The presence of artifacts does not necessarily imply occupation, but can only suggest that such is the case. Furthermore, the occurrence of ceramics may be restricted to parts of a settlement-subsistence pattern; pottery might occur only on or near "base camps", for example, and may not be found at quarrying or specific "kill" sites.

Ceramic artifacts were chosen primarily because pottery has been ubiquitously collected, and until recently, has been virtually all that has been collected from sites, even by archeologists (although a good case might be made for a study comparable to this employing projectile points). The data base itself is not particularly ~~elegant~~ statistically speaking- the ceramic artifacts were collected over a period of 50 years by investigators with widely varying degrees of archeological training and sophistication. In no case, however, was a site investigated unless its location was securely known. The 313 sites does represent nearly a complete sample of securely located sites, with documented ceramic collections, available at the I.A.A. and the Charleston Museum as of 1974.

An extended discussion of the nature and limitations of the data base, and of the various analytical procedures employed in working with it, is given in Chapter 3. Using a wide variety of analytical procedures, ranging from simple distributional maps (plots of site locations) through multivariate statistical analyses, marked patterning was observed throughout the data. The most significant

result of the analyses has been the discovery that archeological sites are apparently differentially and predictably distributed with respect to environmental variables in the Coastal Plain of South Carolina. Furthermore, particular ceramic attributes (reflecting specific temporal occupations) were found to be differentially and predictably distributed with respect to both other ceramic attributes and with regard to environmental variables. The resulting archeological-environmental associations provide a picture of the varying human adaptations within the South Carolina Coastal Plain over the 4000 years prior to European contact.

The Development of a Regional Research Design

The research procedures generated a large number of patterned interrelationships within the data base. These in turn are believed to reflect probable adaptational systems by prehistoric human populations in the study area. Many of these patterns are specifically delimited and extensively discussed in subsequent sections, and have themselves served to generate hypotheses about possible meanings, or implications behind the observed patternings.

The patterns delimited within the data base by the various analytical procedures may themselves be viewed as first generation, or primary research hypotheses. Their validity (in reflecting actual patterning of archeological sites within the Coastal Plain) can be directly tested in the light of additional data collection. Those patterns that retain their integrity under subsequent investigation may be viewed as probably valid.

The observed distributions may also be used to generate new hypotheses about prehistoric human adaptations within the Coastal Plain. These hypotheses, whose formulation may have depended on the initial pattern recognition stage, may be viewed as second generation hypotheses. The development of second generation hypotheses, oriented towards further elucidating and explaining patterning in the data, are properly a part of the "pattern explication" stage of research referred

to earlier. In the present study much of the orientation, beyond that of delimiting patterns, lies in proposing explanatory mechanisms to account for these patterns. The explanatory mechanisms are second generation hypotheses; included are relevant test implications of these hypotheses as well as suggestions for their operationalization. This framework- observed patterns (first generation hypotheses) and the proposed explanatory mechanisms (second generation hypotheses)- form the crux of the regional research design contained within this study.

Finally, the data set itself, and the observed patterning within it, may be used to test previously formulated hypotheses, or hypotheses developed through subsequent research, about human adaptational patterning or, in particular, artifactual distributions. The present study by no means exhausts the potential usefulness of the data set contained within it. This data (summarized in Appendices I-VI) should serve as a useful, if initial, referent against which to test future hypotheses. The data base, and the patterns derived from it, may also be used to test previously formulated hypotheses or speculations about the ceramic prehistoric in the study area. The present study does, however, represent one of the first attempts to bring a large, quantified sample of data to bear on many of these problems.

Method of Data Collection

The determination of what are "significant" ceramic attributes to selectively note and record in the process of data analysis can only be based on a prior awareness of which of the myriad of attributes available for choice are actually likely to be of value in the resolution of the problem under investigation (after Hempel 1965). Any datum that can be used by the archeologist in the resolution of the hypotheses guiding his research are useful, but considerations such as time, available resources, and the extent and nature of the data base itself often act strongly in the selection of attributes and problems deemed significant. From the reported results of a hundred and more years of archeological investigation in the general region, albeit however sparse locally, a solid foundation of information exists to permit the assumption that certain ceramic attributes have greater temporal (i.e. chronological), functional, and behavioral significance than others. The selection of attributes utilized in this study drew heavily on this foundation of prior research.

At the onset of the study an attempt was made to record a wide range of attributes from the ceramic assemblages available for study, in the hopes that when the data was investigated a "meaningful" breakdown might obtain. Thus rim profiles and decorative techniques were recorded, average sherd thickness was measured, microscopically discrete paste differences based on inclusion size and percent of fabric were noted, and an attempt at the detailed examination of surface finish was made. In the investigation of surface finish, for example, checks per inch and width and depth of the constituent lands on linear check stamped pottery were recorded.

These fine breakdowns reflected in part a procedual orientation apparent in some of the local literature. For example, Phelps' extensive discussion

Thom's Creek ceramics in the central Savannah River locality (1968), in the process of delimiting the variation in his sample populations, used attributes such as rim profile and lip decoration to provide evidence for a "cultural continuity" between Stallings and Thom's Creek wares. In addition his detailed analysis served to illustrate the range of variation evident within Thom's Creek ceramics. The measurement of the size of checks in linear check stamped sherds has been attempted previously by both Peterson (1971: 171) and Milanich (1971: 167), with inconclusive results. Such investigations might seem overly particularistic, but type descriptions by Caldwell and Waring (1939) have indicated that attributes such as the thickness and orientation of cord impressions on pottery might have temporal and cultural significance.

The primary value of detailed investigations appeared to be toward the refinement of typologies among material already known to be closely spatially or temporally related, or to aid in the resolution of problems about intra-site variation or inter-site variation from a relatively small number of sites. Although such an analytical procedure may have proved rewarding, it became apparent that the method was incompatible with the goals of the research at hand, namely to acquire an overview on the occurrence and general distribution of the prehistoric ceramics in the Coastal Plain of South Carolina. The analytical procedure generated a great deal of information from a small amount of material. This particularistic orientation was extremely time consuming, however. What was needed to effectively study prehistoric ceramic distributions was information from a large number of sites scattered over as much of the area of study as possible.

A reevaluation of methodology was undertaken. Determination of ceramic attributes that could be of significance in a distributional study of the

order contemplated, and that at the same time could be quickly noted and tabulated, became the focus of attention. Examination of the available literature describing prehistoric ceramics in South Carolina Coastal Plain and immediately contiguous areas (South 1973) made it apparent that, however detailed the typologies or descriptions utilized, only a few select attribute categories were actually necessary for the identification of most of the types or wares reported. A useful analysis and compendium of local prehistoric ceramics might therefore obtain from the investigation of some of these "select" attribute categories.

Study of the available literature pointed to the overriding importance of paste and surface finish in the established descriptions of the area's prehistoric ceramics. Local wares are frequently reported in terms of these attributes. Fiber or sherd and clay tempering immediately denote Stalling's or Wilmington wares (South 1973, Griffin 1943, Caldwell & Waring 1939), and "linear check stamping" has been closely linked with Deptford (South 1973, Caldwell & Waring 1939). Certain other forms of surface finish occur only on one or a few wares, such as complicated stamping, dentate stamping, or finger-pinching. The criteria of paste and surface finish were therefore selected as major attributes whose occurrence, when recorded, could efficiently generate information of the order desired.

In the present study ceramic artifacts from a total of 315 sites in the coastal plain of South Carolina were examined. (Appendix I) (fig. 1). A sample size of some considerable extent was utilized, encompassing most of the collections available at the IAA and the Charleston Museum. Materials from a number of private collections were also utilized, including artifacts collected by members of the Archeological Society of South Carolina. Sammy T. Lee, A. Robert Parler, and Forest Swails are in particular to be thanked

for their help in this regard. Some 20,000 separate artifacts were inspected; the pottery from each site was analyzed for the incidence of attributes encompassing paste characteristics and method of surface treatment. Descriptions of all of the sites and all of the data used to prepare this paper are available in the files and collections of the Institute of Archeology at the University of South Carolina and at the Charleston Museum. In particular, collections were utilized only if the precise location of the site was known.

The occurrence of five specific paste categories against twenty six specific modes of surface finish was noted, a means was provided for the inclusion of materials not specifically fitting the explicitly defined categories. The data sheet that was utilized in recording this information is illustrated in fig. 2. The attributes chosen were selected with an orientation towards simplicity, inclusiveness, and behavioral significance. By this it is meant that attributes were chosen with an eye towards accommodating most if not all of the ceramic specimens known or thought likely to be found in the coastal plain of South Carolina, while at the same time operating within a classificatory framework simple and direct enough to yield a maximum amount of information in accord with the theoretical orientation of the study. In addition to providing for the tabulation of attributes of paste and surface finish the data sheet provides locations for recording necessary provenience information. The site number and name are to be recorded in the upper left hand corner, and along the right hand side, information on the collection location, catalog numbers, and any other necessary notes. The investigator's signature and date of analysis, in the lower right hand corner, provide some control on how interpretations were made. To facilitate the rapid use of the data sheets, a check list of major ware-groups is given in the upper right hand corner. This check list follows South's Coastal Ceramic Taxonomy (1973) and enables researchers to quickly determine the nature of the ceramics present in the analysis without recourse to particular attribute categories.

CERAMIC ARTIFACT INVENTORY

Site Number:
Site Name:

Institute of Archeology
and Anthropology

SURFACE FINISH Mode	PASTE CHARACTERISTICS Fiber	FS/Clay	FS/Grit	Sherd	Shell	Other
Punctate, linear sep.						
Punctate, drag & jab						
Punctate, random						
Punctate, geometric						
Finger pinched						
Dentate stamped						
Incised, fine						
Incised, wide						
SS, parallel thin						
SS,parallel thick						
SS, cross thin						
SS, cross thick						
Cord, parallel thin						
Cord, parallel thick						
Cord, cross thin						
Cord, cross thick						
Linear checkstamped						
Check stamped						
Fabric, loose wv						
Fabric, rigid wv						
Fabric, Net						
Plain						
Complicated thin						
Complicated med.						
Complicated thick						
Other (specify)						
Nondiagnostic						

WARE-GROUPS PRESENT
(after South)

Colono-Indian ____
York ____
Chicora ____
Wilmington ____
Cape Fear ____
Deptford ____
Thom's Creek ____
Stallings ____

COLLECTION LOCATION

Institute of Archeology and Anthropology ____
Charleston Museum ____
Other (specify) ____

MATERIAL IDENTIFICATIO..

Catelog numbers: _____

Other data _____

Recorded by:

Date:

Paste Attributes

The analysis of the ceramic fabric or paste has long been recognized as an extremely useful and productive tool in both classificatory and processual studies. The role of constituent paste elements in the development of taxonomic frameworks is hardly unknown in the Southeastern United States, where some of the most intensively studied ceramic materials have been delimited largely on the basis of criteria such as "fiber tempering" or "sherd tempering". Five specific paste characteristics and an open category for materials not covered in the first five were utilized. These are listed horizontally across the top of the data sheet (fig. 2) and include Fiber, FS/Clay, FS/Grit, Sherd, Shell, and Other. Paste categories were delimited by the presence or absence of tempering material, and were established to permit rapid macroscopic sorting.

Fiber

Fiber tempering (fig. 3c) is widely recognized as an indicator of a very early ceramic horizon in the Southeast(Waring 1968c, Stoltman 1974). Griffin (1943) first described the paste of Stalling's fiber-tempered ware, using ceramics from the Chesterfield site, and his description can be little improved upon:

> "Varying proportions of a fiber which has almost uniformly disappeared in firing, presenting a vesicular appearance. In some examples there is a very small amount of fiber while in others the sherd is honey-combed (1943: 159-160).

Other inclusions, such as sand, may be present in the paste, but the presence of fiber tempering, once established, places the sherd in this category rather than in another. The only exceptions would be trace or accidental inclusions, particularly on the exterior surface where the plastic vessel may have rested on plant material prior to firing.

FIGURE 3

PASTE ATTRIBUTES

(a) Heavy quartz "grit"

(b) Sherd (clay/grog) tempered

(c) Fiber tempered

(d) Fiber tempered

(e) Fine sand/temperless

(f) Marl? tempered

(g) Sherd (clay/grog) tempered

(h) Sherd (clay/grog) tempered

(i) Shell surface scraping

(j) Tetrapod or basal fragment

(k) Steatite tempered

LOCATION/CATALOG NUMBERS

(a) 38CR24-29; (b) 38CR24-4A-11; (c) 38BU9-SM-38, Daw's Island; (d) 9CB1, Stallings Island; (e) 38CH62, Spanish Mount; (f) 38JA23-1-1; (g) 38OR38-1-DM-3; (h) 38HA12; (i) 38BU9, Daw's Island; (j) 38BM4; (k) 38KE12-101.


a
b
c
d
e
f
g
h
i
j
k
0
1
2 in.
0
5 cm.

FS/Clay

Paste characterized by particles ranging in size from medium sand to clay, using the modified Atterberg grade scale (Butzer 1971: 164) in which medium sand equals .06 - .2mm and clay equals under .002 mm. These particle sizes are so small that the paste is in effect almost "temperless" to macroscopic visual examination, although a sizable proportion of sand may be present and even felt when rubbing the surface of the sherd. The use of "FS" implies a very Fine Sand (i.e. fine grained) may be present in the paste, although the actual size range includes medium grade sand. The occasional occurrence of a larger sized inclusion in an otherwise temperless or visually nearly temperless paste was considered accidental and not sufficient for the placement of a sherd in another paste category. South (1960: 47) noted that all of the Thom's Creek punctated sherds that he recovered along part of the North and South Carolina Coast had "no tempering aplastic"; the use of this paste category was to check this observation and to see if other wares were characterized by a temperless or nearly temperless paste.

FS/Grit

Paste characterized by the presence of macroscopically visible inclusions of sand (fig.3a); using the modified Atterberg grade scale as a reference this would refer to pastes with coarse sand (.2 - 2.0 mm) and occasionally fine pebbles (2.0 - 6.0 mm) present. The presence of more than two inclusions of this size range on any sherd break was considered other than chance and grounds for the inclusion of the sherd in this category. No effort was made to separate natural and intentionally crushed inclusions; all of the materials observed appeared to have naturally formed inclusions.

Sherd

Paste characterized by the presence of lumps of clay or ground-up sherd (fig 3 b,g-h). These lumps occasionally produce a rough lumpy appearance on one or both surfaces of a sherd, and may be considerably different in color and texture than the surrounding body of the sherd. Other inclusions may be present, such as sand, but the presence of clay or sherd lumps places the sherd in this category. Sherds with both fiber and sherd tempering were not encountered, nor are expected. Clay and sherd tempering has been recognized by Caldwell & Waring (1939) and South (1960) as being of considerable significance in the South Carolina Coastal Plain; at the present it is used to indicate a Wilmington (South 1973) component.

Shell

Paste characterized by the inclusion of shell fragments, or other inclusions that contain a high content of calcium carbonate (fig. 35). Sherds tempered in such a fashion will appear highly pock-marked with small holes due to the shell leaching out (South 1960: 41), or will contain inclusions that are generally whitish colored. Material recovered from shell middens with favorable preservation conditions may contain unleached shell fragments; tests for the presence of possible shell tempering were conducted using both 10% and 50% HCl solutions on scrapings from inclusions (after Shepard 1971: 381). These tests suggest the presence of calcium carbonate, and hence shell or marl, through the visible effervesence that occurs upon application of the acid. The effervescence is carbon dioxide gas given off in the reaction:

$$CaCO_3 + 2HCl = CaCl_2 + H_2O + CO_2$$

The tests demonstrated the probable presence, through visible effervescence, of shell tempering at a number of sites.

Other

This category includes all specimens not specifically covered under the first five paste categories. This would include steatite, bone, or some other temper not specifically covered. In the present study only one sherd was observed that was placed in this paste category. This was a sherd of steatite tempered ware (fig. 34) that was recovered from the Mulberry Mound (38KE12).

Surface Finish Attributes

Twenty-five specific surface finish categories, a category for non-diagnostic or unrecognizably finished sherds, and an Other category for unusual specimens were recorded, and are listed vertically on the left hand side of the data sheet (fig. 2). The term surface finish refers to the condition of the sherd's exterior surface and includes treatment that might be regarded as either decorative or functional. Attachments such as nodes or tetrapods and decorative techniques such as stamping or notching that were applied to the rim area were ignored in this study. The terminology used generally follows that established by Ford and Griffin (1939) and Shepard (1971).

Punctate, linear sep.

Linear separate punctations; a linear arrangement of indentations made with a tool or finger while the paste was plastic. Each punctation is separated from the next nearest punctation (fig.4a,b), an effect caused by completely removing the tool from the surface of the vessel prior to the next application. The tool may be reed, bone, shell, or anything capable of producing a punctation. This category includes all separately punctated sherds with the exception of sherds punctated exclusively near the rim, as is sometimes seen on Pee Dee and Irene ceramics (Caldwell & Waring 1939, Reid 1967).

Punctate, drag & jab

A linear arrangement of continuous punctations made with a tool or finger while the paste is plastic. The tool is not removed from the vessel surface between punctations, rather it is "dragged" prior to indentation. This results in a continuous linear decoration (fig.4c-e) that can approach an incised appearance if the punctations are close enough together (fig.4c).

Punctate, random

Random punctations applied to the surface of a vessel while the paste is plastic. No linear or other pattern can be discerned in the spacing of the punctations, which may occur on part or over the surface of the vessel (fig. 4 f-h).

Punctate, geometric

Punctations applied to the surface of the vessel, while the paste is plastic, that form a discernable geometric pattern (fig.[illegible]). Triangules, circles, or zig-zag lines may be defined, and occasionally complex patterns may occur (fig.[illegible]); these complex patterns may not be strictly geometric but are included in this category.

Finger-pinched

Raised impressions on the surface of the vessel made by pinching the plastic paste with two fingers (fig.[illegible]). Finger-pinched ceramics are considered to be characteristic of "Awendaw" ware (Waddell 1965, South 1973). The impressions are usually linear but may be isolated or randomly applied.

Dentate stamped

A single or double row of small square or rectangular indentations in a linear arrangement (fig.[illegible]) made with either a roulette stamp or a narrow paddle while the paste was plastic. Holmes (1903: 75-76) illustrates this form of decoration, which has been associated with Refuge ceramics in the South Carolina Coastal Plain (Peterson 1971, South 1973). The impressions are usually arranged linearly with some occasional over-stamping.

Incised, fine

Lines up to 1mm wide drawn or cut in the paste of the vessel (fig.[illegible]). These lines are usually drawn while the paste is plastic, but may be drawn (engraved) even after firing. Incised lines may assume any orientation, and may be combined to form intricate patterns. Closely spaced drag-and-jab decorations may be confused with incising and in all probability served a similar decorative role.

Incised, wide

Lines over 1mm wide drawn on the surface of the vessel (fig.[illegible]), usually while the paste was plastic, although occasionally drawn (engraved) after firing.

SS, parallel thin

Parallel simple stamped impressions. A parallel arrangement of impressions with the space between the raised lands up to 2mm wide, apparently made with either a carved paddle or a thong-wrapped paddle (Fig. 6 a-c). Ferguson (personal communication) has suggested that the design effect may be obtained in many cases by using a split piece of wood as a paddle. Parallel simple stamping

FIGURE 4

SURFACE FINISH ATTRIBUTES: I

(a) Linear separate punctate
(b) " " "
(c) Drag & Jab Punctate
(d) " " "
(e) " " "
(f) Random punctate
(g) " "
(h) " "
(i) " "
(j) Geometric punctate
(k) " "
(l) " "

LOCATION/CATALOG NUMBERS

(a) 38CH62, Spanish Mount; (b) 38CH62-23, Spanish Mount; (c) 38MA34; (d) 38OR30; (e) 38BU29, Chester Field shell ring; (f) 38CH42-1-1, Fig Island; (h) 38BM37; (i) 38HA12; (j) 38CR7; (k) 38OR30; (l) 38CH217, Venning Creek Site (formerly Charleston Museum site SC:CH:45).

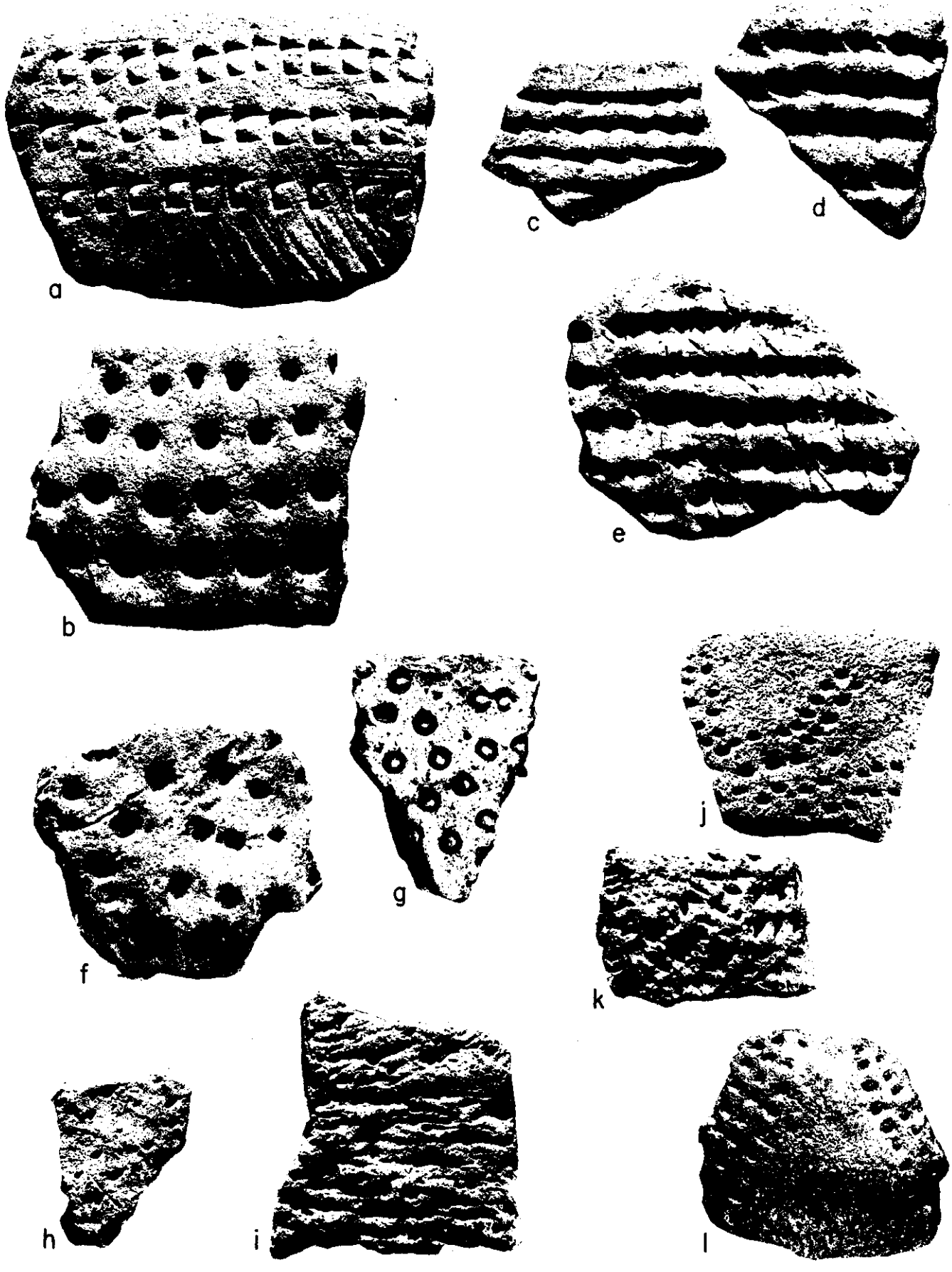
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FIGURE 5

SURFACE FINISH ATTRIBUTES: II

(a) Incised, fine
(b) " "
(c) " "
(d) Incised, wide
(e) " "
(f) Incised, fine
(g) Dentate stamped
(h) " "
(i) " "
(j) Finger-pinched
(k) " "

LOCATION/CATALOG NUMBERS

(a) 38OR30; (b) 38GE24; (c) 38CL21; (d) 38GE46-1-178; (e) 38OR18-DM-1-44; (f) 38BM25; (g) 38BK132-1-DM-1; (h) 38OR30; (i) 38BK132-1-DM; (j) 38CH215, Copahee Mount.

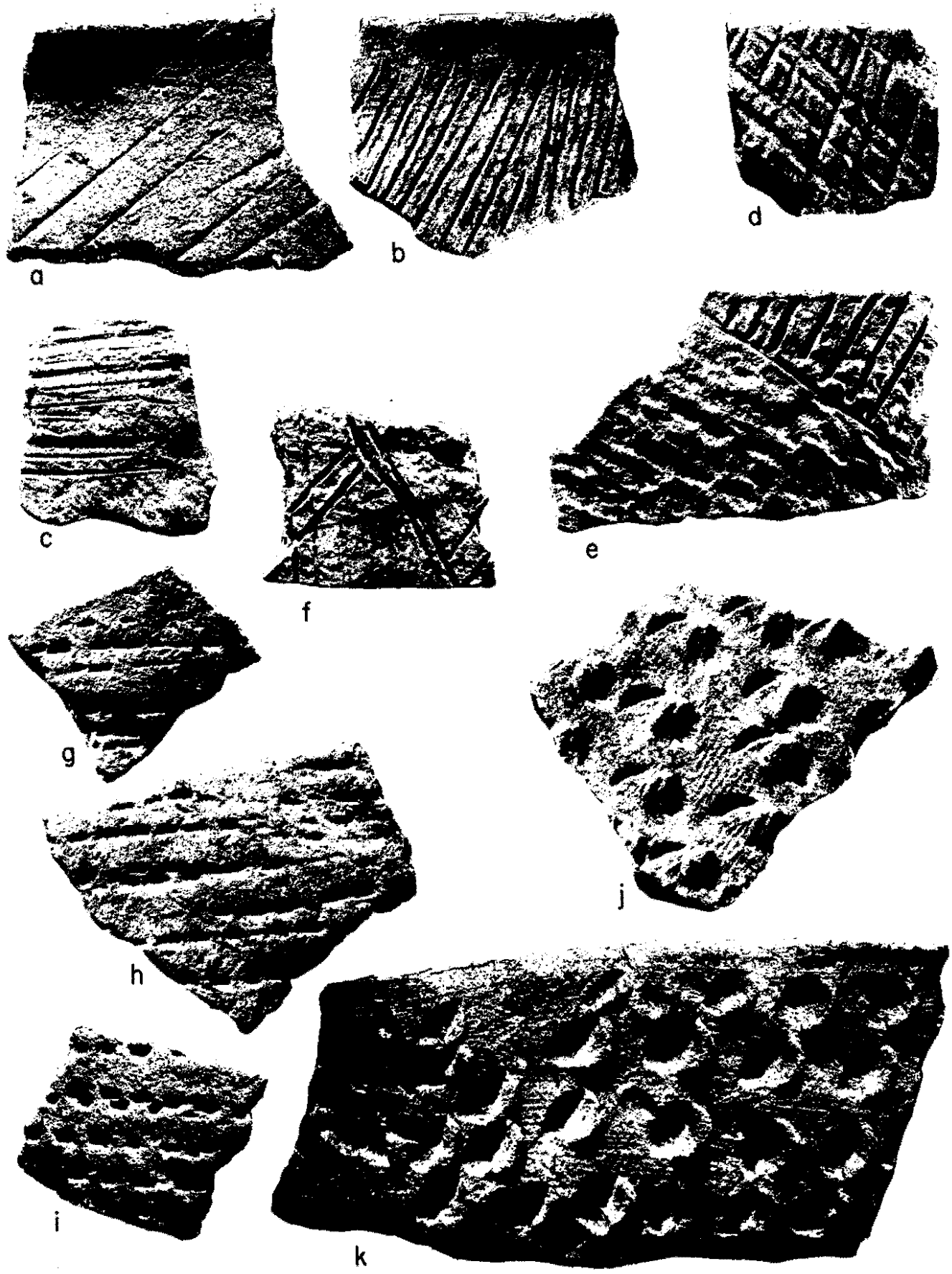
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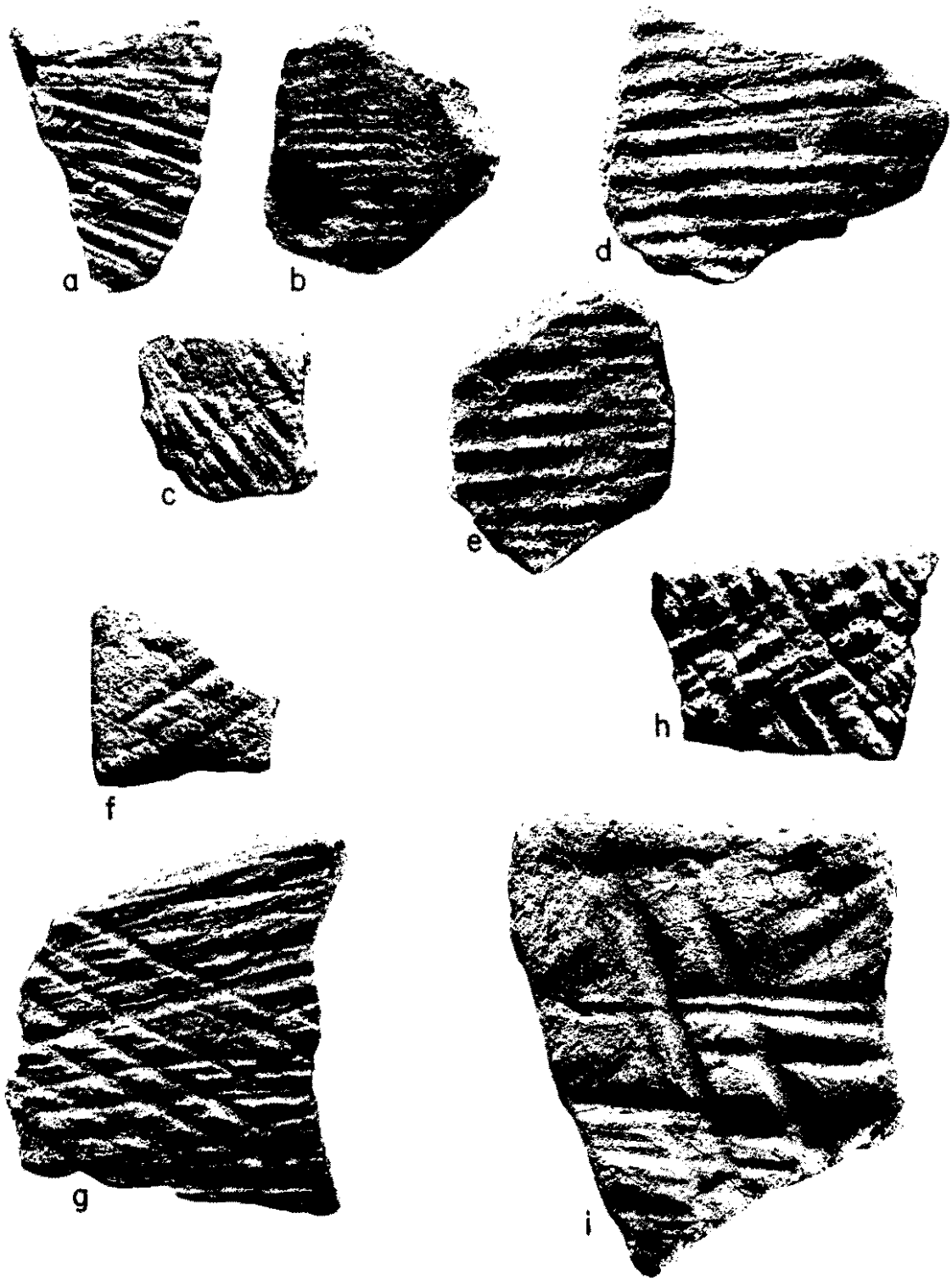
FIGURE 6

SURFACE FINISH ATTRIBUTES: III

(a) Simple stamped, parallel thin
(b) " " " "
(c) " " " "
(d) Simple stamped, parallel thick
(e) " " " "
(f) Simple stamped, cross thin
(g) " " " "
(h) Simple stamped, cross thick
(i) " " " "

LOCATION/CATALOG NUMBERS

(a) 38JA23-1-1; (b) 38AL24-1-50; (c) 38AK7-44; (d) 38JA5-1-3, Refuge; (e) 38CL21-1; (f) 38AL24-1-50; (g) 38JA5-1-3, Refuge; (h) 38DR19-8; (i) 38CH61-1.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results from the application of a parallel carved or wrapped paddle, in one orientation, without cross stamping, to the plastic surface of a vessel. The impressions may be either smooth or rough in appearance, but should not have twists or other attributes suggesting cord or fabric impressions.

SS, parallel thick

Parallel simple stamped impressions with distances greater than 2mm between the raised lands, made while the vessel paste was plastic (fig. 6 d,e).

SS, cross thin

Cross simple stamped impressions. The distances between the raised lands of the impressions are less than 2mm wide (fig 6 f,g) The cross stamping results from either overstamping with a parallel groved paddle or aparallel thong-wrapped paddle, or through application of a cross carved or wrapped paddle, or both. The stamp was applied while the paste was plastic.

SS, cross thick

Cross simple stamped impressions on the vessel surface with the distances between the raised lands greater than 2mm wide (fig. 6 h,i) The stamp was applied while the vessel paste was plastic.

Cord, parallel thin

Parallel cord impressions with a cord width up to 1mm wide (fig. 7 a-c) created by the application of a cord-wrapped paddle to the plastic paste of the vessel. The twist of the cords is usually discernable, and the occurrence of this twist is the primary attribute to observe. If no discernable twist impressions are noted the sherd is not to be placed in the category of cord-marked.

Cord, parallel thick

Parallel cord impressions with a cord width over 1mm wide (fig. 7 d-g). The stamp is created by the application of a cord-wrapped paddle to the plastic paste of the vessel.

Cord, cross thin

Cross stamped cord impressions. The width of the cord is up to 1mm wide, and the impressions result from the overstamping of a parallel cord-wrapped paddle, or from stamping with a cross wrapped paddle (fig 7 j,k) The impressions were applied while the vessel paste was plastic.

Cord, cross thick

Cross stamped cord impressions. The cord width is over 1mm wide and the impressions were applied while the paste of the vessel was plastic (fig. 7 i,j)

Linear checkstamped

"The design consists of a repeated parallel arrangement of two longitudinal lands which contain a series of finer transverse lands.... The longitudinal lands are invariably heavier and usually higher than the transverse lands" (Caldwell & Waring 1939) (fig. 8 a-c).

The lands are formed by the carving of grooves in a wooden paddle; the stamp is applied when the paste of the vessel is plastic. The thicker size of the longitudinal lands gives the stamp a linear appearance.

Check stamped

The design consists of a lattice of evenly-sized raised lands that intersect to form square or rectangular checks (fig. 8 d-f). The even size of the lands produces a regular grid, which distinguishes this design from linear check stamped. The stamp is created through the application of a carved wooden paddle to the surface of the vessel while the paste is plastic.

Fabric, loose wv

Fabric impressions characterized by a loose, poorly defined weave (fig. 8 g,h) The impressions are applied while the paste was plastic. Both warp and weft elements are soft and evenly defined.

Fabric, rigid wv

Fabric impressions characterized by a rigid warp element, about which a flexible cord was laced (fig. 8 i-k) The impressions were applied while the vessel paste was plastic. The rigid warp element creates a longitudinal land giving sherds a linear stamped appearance.

Fabric, net

Net impressions characterized by a regular knotted mesh. The finish was applied while the paste was plastic and the twists in the cords making up the mesh are apparent. The ware can be confused with cross cord-marked pottery, but the knots and the regular mesh size distinguish it.

FIGURE 7

SURFACE FINISH ATTRIBUTES: IV

(a) Cord marked, parallel thin
(b) " " " "
(c) " " " "
(d) Cord marked, parallel thick
(e) " " " "
(f) " " " "
(g) Cord marked, cross thin
(h) " " " "
(i) Cord marked, cross thick
(j) " " " "

LOCATION/CATALOG NUMBERS

(a) 38BM9-1-3; (b) 38BU28, SC:BF:2/64.29.67, Lake Plantation;
(c) 38JA32-1-10; (d) 38CR24-4-74; (e) 38BU28, SC:BF:2/64.29.86;
(f) 38FL30-1-1; (g) 38CR19; (h) 38BU28, Pa.111; (i) 38BU28;
(j) 38MA45-4.

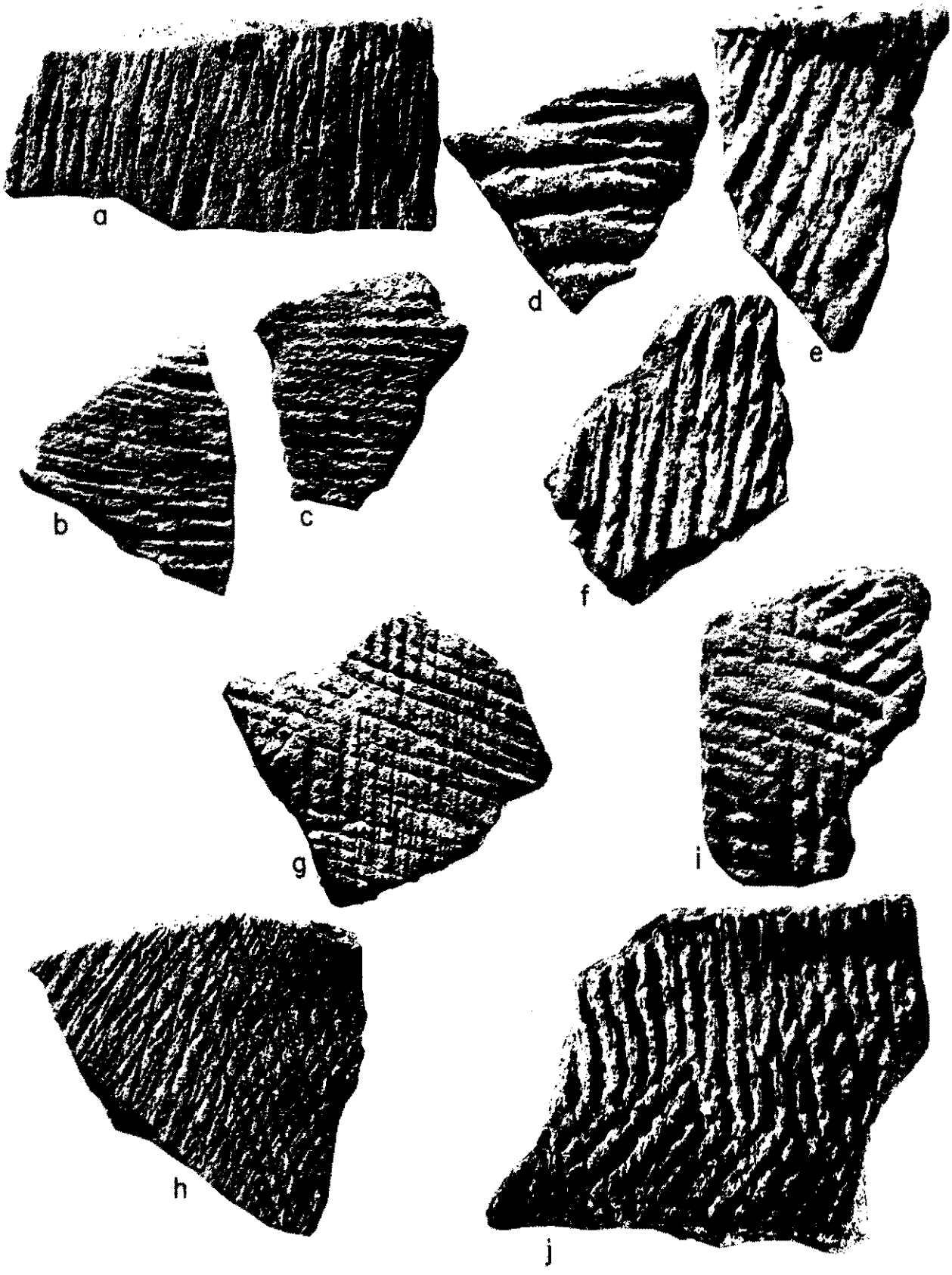
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FIGURE 8

SURFACE FINISH ATTRIBUTES: V

(a) Linear checkstamped
(b) " "
(c) " "
(d) Check stamped
(e) " "
(f) " "
(g) Fabric impressed, loose weave
(h) " " " "
(i) Fabric impressed, rigid weave
(j) " " " "
(k) " " " "

LOCATION/CATALOG NUMBERS

(a) 38MA2, 37.129.11; (b) 38FL17-4; (c) 38CR25-6; (d) 38GE46-1-57; (e) 38CL21-1; (f) 38GE20-22; (g) 38BU48, 40.103.9.k; (h) 38HR8-i-DM; (i) 38BK132-1-DM-44; (j) 38CR24-33; (k) 38CR25-5.

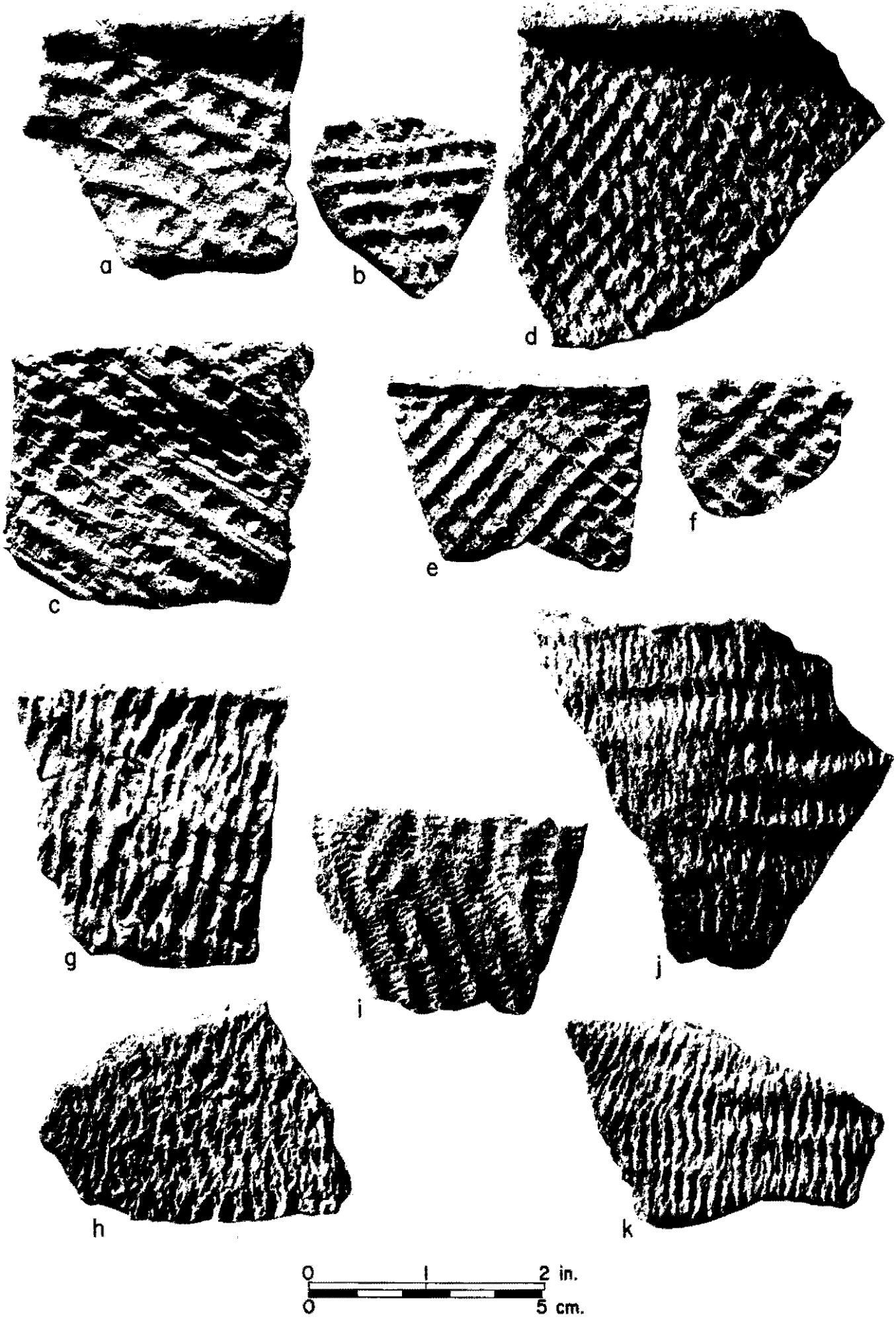
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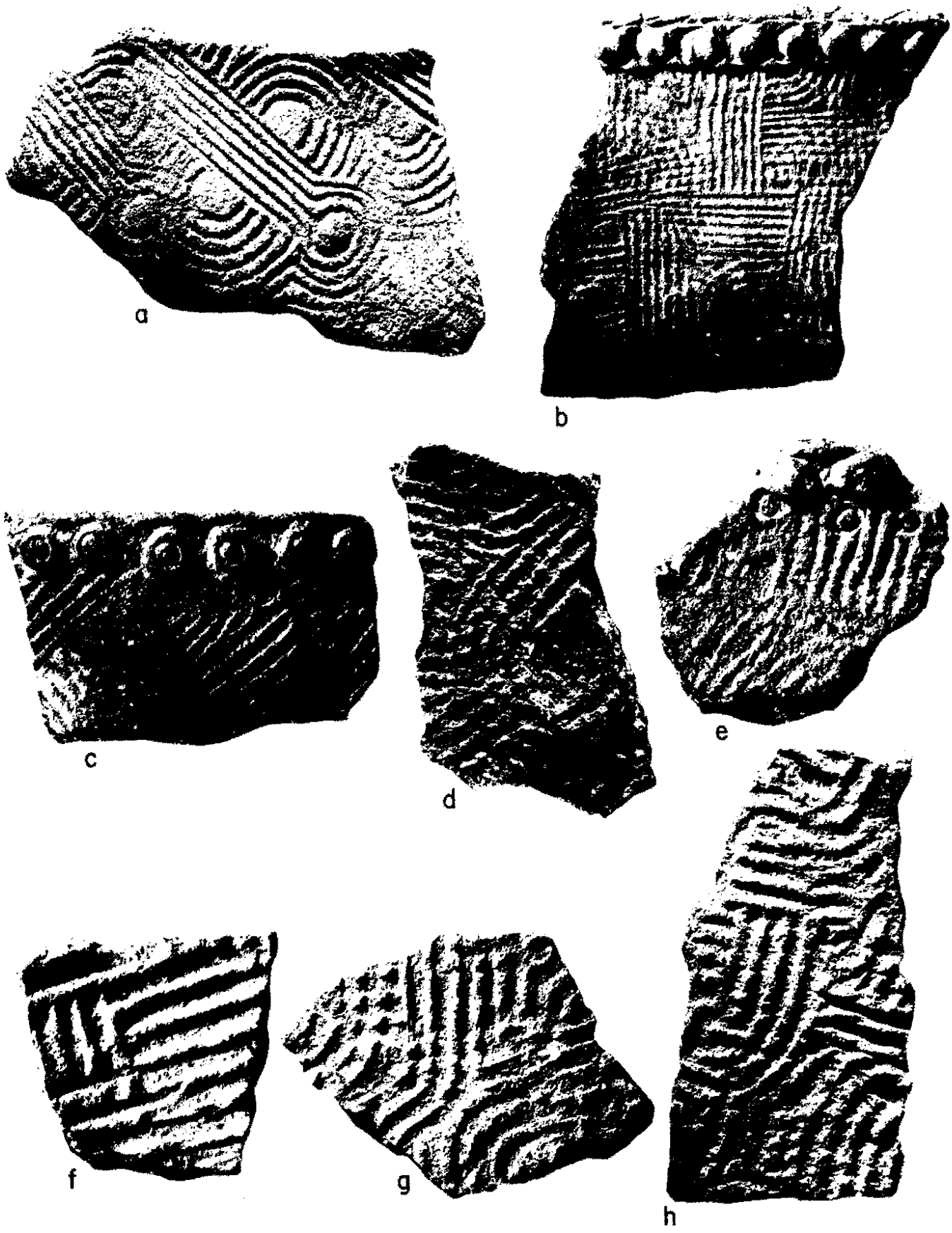
FIGURE 9

SURFACE FINISH ATTRIBUTES VI

(a) Complicated stamped, thin lands
(b) " " " "
(c) Complicated stamped, medium lands
(d) " " " "
(e) " " " "
(f) Complicated stamped, wide lands
(g) " " " "
(h) " " " "

LOCATION/CATALOG NUMBERS

(a) 38CH3, Salt Pond; (b) Irene site; (c) 38CR7; (d) 38KE12-50-279, Mulberry Plantation; (e) 38OR9-1-DM-63; (f) 38OR22-22; (g) 38CH5-1-DM-191, Salt Pond; (h) 38CH136.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Plain

Plain sherds have an unaltered surface finish, with variation present only in the nature and extent of surface smoothing. No subdivisions of this category, based upon criteria such as extent of smoothing, were recorded.

Complicated thin

Complicated stamp characterized by thin, closely spaced lands. The space between the lands in this category is up to 1mm wide (fig. ๙ ก-ข). The stamp is applied with a carved wooden paddle while the vessel paste is plastic. Design motifs are curvilinear or rectilinear and include concentric circles, filfot crosses, bar-diamonds, figure eights, and a number of other patterns.

Complicated med

Complicated stamped ceramics characterized by lands spaced 1 to 2mm apart (fig. ๙ ค-จ) The stamp is applied with a carved wooden paddle while the paste of the vessel is plastic.

Complicated thick

Complicated stamped ceramics characterized by thick, widely spaced lands over 2mm apart(fig. ๙ ฉ-ช). The stamp is applied while the paste of the vessel is plastic.

Other (specify)

This category includes all ceramics possessing a recognizable surface finish that is not specifically listed. Included in this category would be sherds with combinations of two or more of the attributes listed. In addition to occasional sherds with combinations of attributes, in this study a small number of corrugated sherds were noted.

Nondiagnostic

Sherds with a surface finish that is unrecognizable, either through weathering, heavy overstamping, or some other factor, belong in this category. Unless the surface finish of a sherd can be determined with certainty it should be included in this category.

MULTIVARIATE DATA ANALYSIS

Multivariate statistical analysis enables an investigator to search through large quantities of information with the goal of simplifying or reducing that information to more manageable or interpretable proportions. In the present study the occurrence of 91 discrete ceramic attributes were observed and recorded over 313 sites in the Coastal Plain of South Carolina. By focusing on single attributes, or combinations of ceramic attributes, distribution maps and simple crosstabulations of attributes occurrence in relation to a number of environmental variables were generated. While these forms of analysis are of value in the study of one or a few variables, or where there are a small number of cases, these procedures are not particularly helpful for determining underlying relationships in a large data set. Through inspection and comparison distributional plots or crosstabs may suggest relationships or patterning, but given the size of the present data set more formal procedures are both in order and in fact called for.

Principal component, classical factor, and cluster analysis procedures were utilized in an attempt to determine possible patterned covariation among major ceramic variables, over the universe of 313 sites. Patterning found in the data set can suggest trial hypotheses about the patterning of prehistoric artifacts in the Coastal Plain of South Carolina. From this base (the pattern recognition phase) hypotheses and test implications can be proposed to attempt to account for this patterning.

A total of 17 major ceramic variables were chosen, and presence-absence data values substituted for raw frequencies for each variable for each site (Table 1). The choice of the 17 ceramic variables was largely a product of the previous investigations with the data set. The variables selected either occurred frequently (on more than 20 sites) or were felt to be of significance in cultural-historical or ecological interpretations, or both. Thus, for example, fiber-tempered pottery with drag & jab punctations, occurring on only 17 sites,

Table 1. Major ceramic variables utilized in the principal component, factor, and cluster analyses. (a). frequency of occurrence for each variable (MEAN X CASES); i.e. VAR013 occurred on 0.0703 X 313 or 22 sites. (b). variable identification.

VARIABLE	MEAN	STANDARD DEV	CASES
VARC13	0.0703	0.2560	313
VARC14	0.0543	0.2270	313
VARC	0.2236	0.4174	313
VARD	0.4377	0.4969	313
VARE	0.2330	0.4854	313
VARG	0.2907	0.4548	313
VARJ	0.1789	0.3839	313
VARK	0.1470	0.3546	313
VARM	0.0671	0.2506	313
VARN	0.1022	0.3034	313
VARP	0.2716	0.4455	313
VARQ	0.0351	0.1844	313
VARS	0.5176	0.5005	313
VART	0.2971	0.4577	313
VARZD	0.2492	0.4332	313
VARZE	0.2236	0.4174	313
VARZF	0.8115	0.3917	313

(a)

VARIABLES..	LABELS..
VAR013	LINEAR SEPARATE PUNCTATIONS-FIBER TEMP
VARC14	DRAG & JAB PUNCTATIONS-FIBER TEMPER
VARC	ALL NON-DECORATED FIBER TEMPERED
VARD	ALL SIMPLE STAMPED-SANDY PASTE
VARE	ALL CORD MARKED-SANDY PASTE
VARG	ALL COMPLICATED STAMPED CERAMIC SANDY I
VARJ	ALL CORD-MARKED-SHERD TEMPERED
VARK	ALL FABRIC IMPRESSED SHERD TEMPER
VARM	ALL DENTATE STAMPED - SANDY PASTE
VARN	DRAG AND JAB PUNCTATIONS-SANDY PASTE
VARP	ALL LINEAR SEPARETE PUNCTATIONS-SAND
VARQ	FINGER-PINCHED CERAMICS-SANDY PASTE
VARS	ALL LINEAR CHECK STAMPED CERAMICS
VART	ALL CHECK STAMPED CERAMICS
VARZD	FABRIC MARKED-SAND TEMPERED-LOOSE
VARZE	FABRIC MARKED-SAND TEMPERED-RIGID
VARZF	PLAIN SAND-TEMPERED CERAMICS

(b)

was included as a separate variable, while incised or nondiagnostic sand tempered ceramics, fairly common wares, were deleted. The previous distributional studies (maps & crosstabs) had indicated that some distributional differences were apparent between both fiber and sand tempered drag & jab and linear separate punctated pottery. These same studies also pointed out the relatively ambiguous distributions of incised (and other) ceramics, reflecting probable errors of emphasis in the original attribute selection procedure. The variables selected include many of the cultural-historical types found in the Coastal Plain of South Carolina, and include representatives from all of South's (1973) ware groups, or hypothesized major (inclusive) ceramic taxa.[1]

Analysis Orientation

It is hypothesized that if the given data set is a reasonably representative sample of coastal South Carolina ceramics, than multivariate analysis should reveal patterning within the data similar to that implied or proposed in previous cultural-historical interpretations for the area's ceramic prehistory, or as outlined in hierarchical or temporally ordered taxonomies (i.e. Caldwell 1952, Waring 1955, Waddell 1970, South 1973). Thus,previous research has suggested that certain ceramics consistently occur together on both the surface of sites or in common excavation levels. As noted, from inspection of these co-occurrences several taxonomies have been proposed. Included in the structure of these taxonomies are assumed co-associations of ceramic types; many of these co-associations have yet to be securely demonstrated. For example, South has placed sand tempered dentate stamped ceramics (Refuge ware) into his Thom's Creek ware-group with linear separate punctations, drag & jab, and other Thom's Creek ceramics. Unfortunately the co-occurrence of these wares in site excavation units has yet to be demonstrated in other than incidental frequencies (cf. Peterson 1969, 1971).

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1 Strictly speaking complicated stamped ceramics fall into two of South's ware-groups, Chicora and York. Both represent late prehistoric occupations, the former believed to be slightly earlier than the latter. This study made no distinction between ceramics falling into one ware-group or the other, as has been noted. This decision stemmed from ambiguities perceived in sorting criteria used to separate the two taxa.

The quantified investigation of ceramic distribution and co-occurrence is suggested as one way to directly test the validity of these interpretations.

A second major use of multivariate techniques, beyond that of testing previous formulations delimiting or implying patterning in the data, lies in exploratory investigation. In particular principal component and classical factor analysis are useful procedures for detecting patterning in data. In complex data sets multivariate techniques such as these may be the only way to recognize patterns. Through the use of these analyses previously recognized or assumed patternings may receive additional support, and new, previously unrecognized patterns may be detected. These new patterns may in turn lead to a better understanding of the data and to the generation of testable hypotheses- both about the validity of the patterns, and the implications of these patterns if they are in fact viable.

In all of the analyses that follow, presence-absence data values for the ceramic variables were employed. The use of a presence-absence, or dichotomized nominal scale permits assumption of interval level measurement, since the measurement of distances between scores does not occur (Blalock 1972:194). While the information contained in the raw frequencies is sacrificed, the gain from probable reduction in collection bias and the achievement of interval level data supercede this loss. Problems concerning the statistically non-random and non-representative nature of this data set have been discussed previously, as well as procedures used to partially rectify this situation. In the analyses that follow the reader should be aware of this analytical deficit, and realize that the goal here is to suggest patterning- to indicate areas for future research- and not to dogmatically put forth the results of these analyses as given. It is argued, however, that quantification can produce improvements in data interpretation considerably beyond intuitive, nonquantitative syntheses.

Using the presence-absence data values a Pearson's correlation matrix was computed for the 17 ceramic variables (Table 2). This correlation matrix

	VARO13	VARO14	VARC	VARD	VARE	VARG	VARJ
VARO13	1.00000	0.65101	0.30234	0.03453	-0.19873	-0.06595	0.03469
VARO14	0.65101	1.00000	0.27735	-0.04094	-0.22081	-0.02926	-0.03831
VARC	0.30234	0.27735	1.00000	0.20650	0.06945	0.02784	-0.01048
VARD	0.03453	-0.04094	0.20650	1.00000	0.26110	0.15840	-0.00859
VARE	-0.19873	-0.22081	0.06945	0.26110	1.00000	0.04800	0.17392
VARG	-0.06595	-0.02926	0.02784	0.15840	0.04800	1.00000	0.17840
VARJ	0.03469	-0.03831	-0.01048	-0.00859	0.17392	0.17840	1.00000
VARK	0.06236	-0.05966	-0.00623	0.03394	0.13670	0.07205	0.55960
VARM	-0.07374	-0.06427	0.25448	0.20099	0.10321	0.10952	0.04141
VARN	0.23724	0.19832	0.24912	0.14866	-0.06389	0.13229	0.06259
VARP	0.14122	0.13893	0.25842	0.22671	0.01549	0.19437	0.07107
VARQ	0.01540	0.03082	-0.01916	0.07643	-0.06634	0.03064	0.13725
VARS	-0.03468	-0.10717	0.07319	0.15585	0.11971	-0.00139	-0.03310
VART	-0.01468	-0.06327	0.02016	0.17325	0.17396	0.26113	0.24371
VARZD	-0.04283	-0.04030	0.16939	0.20634	0.20431	0.13537	0.25138
VARZE	-0.08759	-0.09479	0.07995	0.14468	0.18020	0.07849	0.16956
VARZF	-0.05921	-0.13681	0.10184	0.30996	0.21503	0.18265	0.11841

	VARK	VARM	VARN	VARP	VARQ	VARS	VART
VARO13	0.06236	-0.07374	0.23724	0.14122	0.01540	-0.03468	-0.01468
VARO14	-0.05966	-0.06427	0.19832	0.13893	0.03082	-0.10717	-0.06327
VARC	-0.00623	0.25448	0.24912	0.25842	-0.01916	0.07319	0.02016
VARD	0.03394	0.20099	0.14866	0.22671	0.07643	0.15585	0.17325
VARE	0.13670	0.10321	-0.06389	0.01549	-0.06634	0.11971	0.17396
VARG	0.07205	0.10952	0.13229	0.19437	0.03064	-0.00139	0.26113
VARJ	0.55960	0.04141	0.06259	0.07107	0.13725	-0.03310	0.24371
VARK	1.00000	0.06902	0.03863	0.07117	0.06779	0.14792	0.16452
VARM	0.06902	1.00000	0.20456	0.29565	0.01817	0.13113	0.04919
VARN	0.03863	0.20456	1.00000	0.43414	0.27921	0.09365	0.03443
VARP	0.07117	0.29565	0.43414	1.00000	0.15654	0.12947	0.15317
VARQ	0.06779	0.01817	0.27921	0.15654	1.00000	-0.12824	-0.01019
VARS	0.14792	0.13113	0.09365	0.12947	-0.12824	1.00000	0.18000
VART	0.16452	0.04919	0.03443	0.15317	-0.01019	0.18000	1.00000
VARZD	0.36583	0.17025	0.12252	0.24608	0.05049	0.20146	0.23960
VARZE	0.23198	0.13189	0.07196	0.20679	-0.06079	0.27267	0.20471
VARZF	0.17698	0.09660	0.05479	0.14734	0.04762	0.22129	0.25973

Table 2. Pearson's correlation matrix, 17 major ceramic variables. Presence-absence data values were substituted for raw frequencies over the 313 sites in the computation of the matrix.

formed the basic computational unit for the succeeding (R type) principal component and factor analyses.

Principal Component Analysis

Principal component analysis produces an exact mathematical transformation of a given set of variables into a new set of composite variables (called components or factors) that are uncorrelated (orthogonal) to each other. Each component is defined as the best linear summary of variance left in the data after the variance explained by previous components is removed. Seventeen factors or components were extracted from the data set (Table 3). In a principal component solution there are always as many components as original variables, and given all the components the value for a variable can be predicted exactly. The primary value of the solution, however, lies in the fact that a relatively small number of components may explain most of the variance in the data set.

Using a minimum eigenvalue of .9 seven components were extracted that accounted for 66.5% of the total population variance (Table 4). Strong positive and negative loadings, by component, and a brief interpretation are given in Table 5. The individual loadings may be interpretted as the Pearson's correlation of the variable to that particular component; the squared value of the loading may be interpretted as the percent of variance for that variable accounted for by the component. As can be seen, there is considerable agreement between components and "established" cultural-historical associations. This is reassuring, for serious disagreement could imply serious problems with either the data base, the method of analysis, or existing assumptions about coastal South Carolina ceramics.

The unrotated principal component analysis solution tends, in any solution, to produce an initial "general component" with strong loadings apparent on many variables. Subsequent components tend to be bipolar, with moderately strong positive loadings on roughly half the variables, and moderately strong

	VARZD	VARZE	VARZF
VARC13	-0.07283	-0.08759	-0.05921
VARC14	-0.04030	-0.09479	-0.13681
VARC	0.15939	0.07995	0.10184
VARD	0.20634	0.14468	0.30996
VARE	0.20431	0.18020	0.21503
VARG	0.13537	0.07849	0.18265
VARJ	0.25136	0.15956	0.18417
VARK	0.38583	0.23198	0.47698
VARM	0.17029	0.13159	0.09560
VARN	0.12252	0.07196	0.05479
VARP	0.24608	0.20670	0.14734
VARQ	0.05049	-0.08079	0.04762
VARS	0.20146	0.27207	0.22129
VART	0.13960	0.20471	0.25973
VARZD	1.00000	0.43528	0.22101
VARZE	0.43528	1.00000	0.19986
VARZF	0.22101	0.19986	1.00000

Table 2. (continued) Pearson's correlation matrix, 17 major ceramic variables. Presence-absence data values were substituted for raw frequency information in the computation of the matrix.

FACTOR	EIGENVALUE	PCT OF VAR	CUM PCT
1	3.10883	18.3	18.3
2	2.50743	14.7	33.0
3	1.54743	9.1	42.1
4	1.31334	7.7	49.8
5	1.12250	6.6	56.4
6	1.01190	6.0	62.4
7	.95550	5.6	68.0
8	.80725	4.7	72.7
9	.72584	4.3	77.0
10	.68736	4.0	81.0
11	.65475	3.9	84.9
12	.56257	3.3	88.2
13	.49382	2.9	91.1
14	.37582	2.2	93.3
15	.27[illegible]	1.6	95.0
16	[illegible]	[illegible]	98.2
17	[illegible]	[illegible]	100.0

Table 3. Eigenvalues and variance explained for each of the extracted principal components. Note that the first seven components (here labelled factors) account for almost 67% of the total variance within the data set.

FACTOR MATRIX USING PRINCIPAL FACTOR, NO ITERATIONS

	FACTOR 1	FACTOR 2	FACTOR 3	FACTOR 4
VARO13	0.00332	0.75087	-0.26241	0.34592
VARO14	-0.08312	0.76646	0.21366	0.28887
VARC	0.32589	0.52881	-0.23635	0.24457
VARD	0.49305	0.06557	-0.39001	-0.05508
VARE	0.39481	-0.37019	-0.14175	0.11177
VARG	0.36964	-0.01378	0.02767	-0.35050
VARJ	0.44146	-0.13045	0.69875	-0.09298
VARK	0.49340	-0.15196	0.64629	0.12054
VARM	0.41080	0.12196	-0.35704	-0.16021
VARN	0.36118	0.55726	-0.06629	-0.33983
VARP	0.52699	.42132	-0.17570	-0.23202
VARQ	0.12652	.21264	0.20963	-0.66850
VARS	0.40064	-.12214	-0.27084	0.38088
VART	0.49515	-0.15400	0.11031	0.04074
VARZD	0.65971	-0.07663	0.13276	0.15424
VARZE	0.55885	-.17040	-0.00560	0.27636
VARZF	0.52498	-0.16324	-0.14563	0.00717

	FACTOR 5	FACTOR 6	FACTOR 7
VARO13	0.19729	0.05536	0.09863
VARO14	0.17562	-0.00300	-0.00703
VARC	-0.01132	0.31049	-0.22239
VARD	0.29590	0.32724	0.20023
VARE	0.12734	0.53291	-0.05334
VARG	0.48307	-0.35529	-0.39965
VARJ	-0.00139	0.16248	-0.17008
VARK	-0.19024	0.11899	0.00690
VARM	-0.33357	0.12097	-0.46274
VARN	-0.18785	-0.12834	0.13375
VARP	-0.13819	-0.20703	-0.05810
VARQ	-0.12994	0.16902	0.44872
VARS	-0.17077	-0.33993	0.32997
VART	0.46266	-0.29252	-0.01391
VARZD	-0.22680	-0.02403	-0.00411
VARZE	-0.28778	-0.24285	0.04868
VARZF	0.34535	0.07145	0.34122

Table 4. Unrotated principal component solution. The seven components (factors) represent direct transformations of the data set and account for 66.5% of the total variance within the data set. The individual loadings may be interpretted as the Pearson's correlation of the variable with the component; the square of this figure may be likewise interpretted as the percent of variance of that variable "explained" or accounted for by the component.

Table 5.

Principal Components: Unrotated Solution

(loadings reported: positive >0.4000; negative < -0.3900)

CERAMIC LOADINGS	INTERPRETATION
Component 1	
+simple stamped/sand temper +cord/sherd temper +fabric/sherd temper +dentate stamped/sand temper +lin. sep. punct./sand temper +linear check stamped/sand temper +check stamped/sand temper +fabric marked/sand temper (loose) +fabric marked/sand temper (rigid) +plain/sand temper	General component characterized by high positive loadings on many variables. Strong loadings on sand tempered (and temperless) wares of the Thom's Creek, Deptford, and Cape Fear ware groups. Cord and fabric marked ceramics of the Wilmington ware group are also loaded strongly on this component.
Component 2	
+lin. sep. punct./fiber temper +drag & jab/fiber temper +plain/fiber temper +lin. sep. punct./sand temper +drag & jab/sand temper	Formative period ceramics of the Stallings and Thom's Creek ware groups. Dentate stamped and finger-pinched sand tempered ceramics of the Thom's Creek ware group are <u>not</u> loaded on this component.
Component 3	
+cord/sherd temper +fabric/sherd temper	Wilmington ware group ceramics.
Component 4	
-finger pinched/sand tempered	Negative loading (strong) of finger-pinched "Awendaw" ceramics of the Thom's Creek ware group. Weak positive loadings with fiber tempered and lin. check stamped ceramics may indicate an inverse dist.
Component 5	
+complicated stamped/sand temper +check stamped/sand temper	Chicora ware group ceramics; the check stamped may also indicate Deptford.
Component 6	
+cord/sand temper	Cape Fear ware group (but only cord, and not <u>both</u> cord & fabric!) Weakly negatively loaded with complicated and check stamped, suggesting a negative relationship.
Component 7	
+finger pinched/sand temper -complicated stamped/sand temper -dentate stamped/sand temper	Thom's Creek ware group, "Awendaw" finger pinched. Negative loadings with complicated stamped and dentate stamped ceramics (Chicora, Thom's Creek ware groups) This component and component 4 suggest that finger pinched is an isolated ware.

negative loadings on the other half (Kim 1975:482-483). In the unrotated solution a variable may therefore have moderately high loadings on two or more components, rendering interpretation difficult.

For this reason a varimax rotation of the unrotated principal component solution (components) was performed (Table 6). Varimax rotation simplifies the structure of the solution matrix without affecting the validity of the original direct data transformation. The rotated solution is still a direct transformation of the data; the difference in the rotated and unrotated solutions lies in the orientation of the reference axes used to interpret the data. The variance explained by each component is the same as in the unrotated solution; in the present example the 7 rotated components account for 66.5% of the total variance in the data set.

The utility of the rotated varimax solution is that it tends to produce a high positive loading for each variable on only one component, and low (near zero) loadings on the remainder (Kim 1975:484). It is therefore easier to interpret than the unrotated solution, where loadings for a variable may be high on two or more components. Variables exhibiting strong loadings on the rotated solution are itemized by component, with a brief interpretation, in Table 7.

The rotated principal components solution yields a somewhat different interpretation than that derived from the unrotated solution. Constituents of individual components differ in varying degrees, and the order of appearance of components with strong loadings on certain variables is altered. Components 3 and 5 in the unrotated solution, representing Wilmington and Chicora-like ware-group variables, for example, are nearly duplicated in components 2 and 5 in the rotated solution. In a similar manner component 2 of the unrotated solution, a Stallings ware-group cluster, resembles component 1 of the rotated solution. In general, however, while varying somewhat, relatively comparable and at least "intuitively logical" components obtain from both solutions. That

VARIMAX ROTATED FACTOR MATRIX

	FACTOR 1	FACTOR 2	FACTOR 3	FACTOR 4
VARC13	0.88862	0.05027	-0.02598	0.07870
VARC14	0.85132	-0.03046	-0.08695	0.06113
VARC	0.50320	-0.00979	0.03716	-0.03280
VARD	0.06008	-0.09349	0.09292	0.15852
VARE	-0.22027	0.26517	-0.01493	-0.24524
VARG	-0.06730	0.06142	-0.10451	0.06019
VARJ	0.00354	0.84485	-0.08619	0.06292
VARK	0.02428	0.81944	0.20096	0.03999
VARM	-0.13116	0.03275	0.07450	0.07269
VARN	0.25609	-0.02149	0.14341	0.65893
VARP	0.17352	-0.00373	0.27228	0.46277
VARQ	-0.08556	0.15964	-0.20942	0.62812
VARS	-0.02308	-0.08987	0.78556	-0.01934
VART	0.02450	0.19086	0.25666	-0.05203
VARZD	-0.01107	0.46866	0.46794	0.06857
VARZE	-0.08889	0.28324	0.39162	-0.03045
VARZF	-0.04613	0.06705	0.27795	0.12345

	FACTOR 5	FACTOR 6	FACTOR 7
VARC13	-0.02569	-0.05854	-0.03033
VARC14	-0.13176	0.00852	0.00271
VARC	0.28005	0.54532	-0.07393
VARD	0.73848	0.18201	0.11264
VARE	0.84420	0.17189	-0.06939
VARG	0.03645	0.17033	0.84425
VARJ	0.02201	-0.00610	0.19605
VARK	0.03371	-0.03206	-0.00121
VARM	0.00648	0.80108	0.03953
VARN	-0.02072	0.31571	0.09807
VARP	0.03347	0.46435	0.26476
VARQ	0.10802	-0.22197	-0.10085
VARS	0.14415	-0.02257	-0.00690
VART	0.24418	-0.13006	0.83275
VARZD	0.16484	0.24164	0.07456
VARZE	0.04546	0.17121	0.06116
VARZF	0.62052	-0.13345	0.24967

Table 6. Principal component solution, varimax rotation. The seven components (factors) represent direct transformations of the data set and account for 66.5% of the total variance within this data set. The variance accounted for by each component remains the same as in the unrotated solution; interpretation of the loadings are made in a similar fashion.

Table 7.

Principal Components: Varimax Rotation

(loadings reported: positive > 0.4000; negative < -0.3900)

CERAMIC LOADINGS	INTERPRETATION
Component 1	
+lin. sep. punct./fiber temper +drag & jab/fiber temper +plain/fiber temper	Stallings ware group component. Immediate coastal assemblage?
Component 2	
+cord/sherd temper +fabric/sherd temper +fabric (loose)/sand temper	Wilmington ware group component (strong loading); somewhat weaker positive loading with sand tempered fabric (Cape Fear ware group) may indicate some kind of association.
Component 3	
+linear check stamped/sand temper +fabric (loose)/sand temper +fabric (rigid)/sand temper	Deptford-Cape Fear ware groups. Association of check stamped and fabric marked (sand tempered) ceramics i suggested.
Component 4	
+lin. sep. punct./sand temper +drag & jab/sand temper +finger pinched/sand temper	Thom's Creek ware group (ex Refuge dentate stamped). Formative decorated sand tempered ceramics. Immediate coastal assemblage?
Component 5	
+simple stamped/sand temper +cord marked/sand temper +plain ceramics/sand temper	Deptford-Cape Fear ware groups? Generally unrecognized assemblage (except as a part of the Deptford war group).
Component 6	
+plain/fiber temper +lin. sep. punct./sand temper +dentate stamped/sand temper	Formative ceramics; Stallings and Thom's Creek ware groups (Refuge & Thom's Creek wares). Probable inland assemblage in the Coastal Plain.
Component 7	
+complicated stamped/sand temper +check stamped/sand temper	Chicora ware group ceramics; the check stamped may also indicate Deptf rd.

is, the components extracted by each procedure tend to contain groups of variables that are generally assumed related in cultural-historical and taxonomic overviews in the study area.

Of direct interest are the possible interpretations for each solution. The areas where the two solutions are similar and where they differ are suggested as fruitful sources of investigation. This aspect of the analysis-interpretation- will be delayed until following the presentation of the rotated classical factor analysis solution, at which point the usefulness of all of these procedures in the interpretation of the data set will be outlined.

Classical Factor Analysis

Unlike principal components analysis, which involves a direct transformation of the data, classical factor analysis proceeds from a modification of the original data base. The primary assumption underlying use of the technique is that observed intercorrelations among the variables (as for example, in the correlation matrix, Table 2), reflect an underlying structure or patterning within the data. In many research situations the investigator is attempting to delimit that patterning. There may, however, be extraneous or unrelated information within the data that may mask the pattern. A major assumption in classical factor analysis is that observed intercorrelations among the data (common variance) are assumed to directly reflect that pattern. Unexplained (unique) variance is believed to be caused by idiosyncratic determinents (the extraneous or unrelated information), and is therefore unimportant to the discovery and resolution of underlying patterning in the data. Classical factor analysis, in effect, discards this assumed irrelevant information (unique variance), and operates directly on measures of common variance (communality) in the data.

Communality estimates, derived from the squared multiple correlation between a given variable and the remaining variables, were substituted for

the 1.0's in the main diagonal of the correlation matrix (Table 3). Using a minimum eigenvalue cutoff of .9, 7 factors were extracted from the original, unreduced correlation matrix. The communality estimates were then substituted into the correlation matrix, and the same number of factors are extracted. The variances accounted for by these factors become new communality estimates, which are substituted into the diagonals of the correlation matrix, and so on. Factors continue to be extracted and utilized to generate new communality estimates until the differences between two successive communality estimates becomes negligible (Kim 1975:480).

The seven factors derived using classical factor analysis (estimates of communality and iterations) are given in Table 8. A varimax rotation was utilized; as in principal components analysis this rotation simplifies interpretation yet does not compromise the validity of the solution. Table 9 lists the variables strongly associated with each factor, and a brief interpretation of each factor. The eigenvalues associated with each factor (Table 8) reflect the percent of common variance in those seven factors explained by each particular factor. As can be seen from simple inspection, the derived factors contain almost identical groupings of variables when compared with the principal component analysis varimax solution.

Interpretive Commentary

Three different multivariate solutions have been presented so far; an unrotated and a rotated principal components analysis, and a rotated classical factor analysis. Similar, but not identical results were produced by each analysis. Given these solutions, how does one interpret them, and of what use are the seeming conflicting patterns? In particular, how does one employ (supposedly) equally valid solutions that contain components and factors that are composed of similar, but not identical variables?

VARIMAX ROTATED FACTOR MATRIX

	FACTOR 1	FACTOR 2	FACTOR 3	FACTOR 4
VAR013	0.89778	0.05192	-0.03369	0.05102
VAR014	0.72365	-0.03517	-0.08901	0.04149
VARC	0.35036	-0.01078	0.06202	-0.04196
VARD	0.03864	-0.06664	0.13165	0.11072
VARE	-0.20211	0.17713	0.12163	-0.13439
VARG	-0.04302	0.07505	0.00068	0.04939
VARJ	-0.00567	0.84311	-0.00869	0.07438
VARK	0.01891	0.64701	0.26420	0.06027
VARM	-0.08631	0.02686	0.11089	0.02788
VARN	0.23404	-0.01870	0.11233	0.45512
VARP	0.15591	-0.01688	0.25455	0.30500
VARQ	-0.01425	0.10935	-0.11791	0.63834
VARS	-0.02575	-0.03609	0.46253	-0.06646
VART	0.00309	0.15986	0.24751	-0.02615
VARZD	-0.01600	0.30335	0.49212	0.05810
VARZE	-0.07100	0.17133	0.57660	-0.03641
VARZF	-0.04922	0.07217	0.25648	0.06706

	FACTOR 5	FACTOR 6	FACTOR 7
VAR013	-0.01019	0.00366	-0.04320
VAR014	-0.14567	0.08447	-0.00516
VARC	0.19924	0.47702	-0.04530
VARD	0.57317	0.21227	0.13039
VARE	0.42267	0.06702	0.01574
VARG	0.38275	0.12126	0.56032
VARJ	0.02947	0.01453	0.21076
VARK	0.06361	-0.02498	0.01329
VARM	0.11049	0.52436	0.04493
VARN	-0.03164	0.39187	0.12545
VARP	0.02543	0.47390	0.25162
VARQ	0.04412	0.01477	-0.00663
VARS	0.15724	0.06963	0.02447
VART	0.21895	-0.04478	0.42935
VARZD	0.16276	0.19152	0.03953
VARZE	0.08119	0.12607	0.07311
VARZF	0.43447	0.01023	0.21784

Table 8. (a) Classical factor analysis solution matrix, varimax rotation. The seven factors extracted account for 100% of the common variance in the variables within the 7 original components.

FACTOR	EIGENVALUE	PCT OF VAR	CUM PCT
1	2.52501	33.8	33.8
2	1.82502	24.5	58.3
3	1.12012	15.0	73.3
4	0.76774	10.3	83.6
5	0.50134	6.7	90.3
6	0.38079	5.1	95.4
7	0.34354	4.6	100.0

Table 8. (b) Percent of common variance explained by each of the seven factors.

Table 9.

Classical Factor Analysis with Iterations: Varimax Rotation

(loadings repprted: positive ≥ 0.4000; negative ≤ -0.4000)

CERAMIC LOADINGS	INTERPRETATION
Factor 1	
+lin.sep. punct./fiber temper +drag & jab/fiber temper	Decorated Stallings ceramics. Immediate coastal/Savannah River assemblage?
Factor 2	
+cord/sherd temper +fabric/sherd temper	Wilmington ware group ceramics.
Factor 3	
+linear check stamped/sand temper +fabric (loose)/sand temper +fabric (rigid)/sand temper	Deptford-Cape Fear ware groups. Association of linear check stamped and fabric marked sand tempered ceramics is suggested.
Factor 4	
+drag & jab/sand temper +finger pinched/sand temper	Thom's Creek ware group (weakly loaded on lin. sep. punct./sand temper; negligible loading on dentate stamped-Refuge). Immediate coastal assemblage?
Factor 5	
+simple stamped/sand temper +cord marked/sand temper +plain/sand temper	Deptford-Cape Fear ware groups? Generally unrecognized assemblage (except as a part of the Deptford ware group).
Factor 6	
+plain/fiber temper +dentate stamped/sand temper +lin. sep. punct./sand temper	Formative period ceramics of the Stallings-Thom's Creek ware groups. (weak loading on drag & jab sand temper) Probable inland assemblage in the Coastal Plain.
Factor 7	
+complicated stamped/sand temper +check stamped/sand temper	Chicora ware group ceramics; the check stamped may also indicate Deptford.

Both principal components and factor analysis, as noted, derive solutions from observed intercorrelations among variables. While their operating assumptions and computational procedures differ somewhat, the solutions (respective components or factors) reflect interrelationships among the data- the major ceramic variables. Furthermore, because each factor or component in a given solution is orthogonal (uncorrelated) to other factors or components in that solution, the variables that group together may be regarded as independent of other sets of variables grouped together. While reflecting the limitations of the original data set, these groupings may be considered probable reflections of patterning existing "in the real world." Variables (i.e. ceramic attributes) that consistently occur together in the data set (and therefore that usually fall into particular components or factors) derive ultimately from co-associations of artifacts on sites. Patterning detected through multivariate analysis therefore reflect multi-variable patterning in the archeological record itself.

Formative Ceramics: Stallings and Thom's Creek ware-groups

South (1973) has utilized the term Formative to refer to Late Archaic fiber or sand tempered ceramics in the Coastal Plain of South Carolina. Attention devoted to these ceramics in recent years has largely centered on taxonomic or temporal concerns, as an increasing series of radiocarbon dates indicates an extremely early date of manufacture- c. 2500 - 1000 B.C. (Stoltman 1974,Trinkley 1976). Inspection of the groupings of these wares suggest that several potentially useful observations obtain from the analyses.

Fiber tempered linear separate punctated and drag & jab ceramics (Var013, Var014) consistently cooccur- "factor" together- regardless of the method employed. Non-Formative ceramics also tend to cluster together. Sherd tempered cord and fabric marked ceramics (Vars J,K) consistently cooccur, as do sand tempered complicated stamped and check stamped ceramics (Vars G,T). These three

groupings closely correspond to South's Stallings, Wilmington, and Chicora ware-groups (1973), reflecting (approximately)Formative, Late Woodland, and Mississippian periods, respectively. Exceptions to this "Stallings-Wilmington-Chicora" ware group clustering do occur, however. First, plain fiber tempered pottery tends to cluster with Thom's Creek linear separate punctated and drag & jab, and with Refuge dentate stamped in the rotated principal components solution. Second, the sand tempered check stamped (Var T) ceramics which group with the complicated stamped South Appalachian Mississippian wares probably includes some Deptford material (an "Early Woodland" period ware). South (1973), Caldwell & Waring (1939), and other investigators have noted that check stamped ceramics can be found in both Deptford and Mississippian assemblages. The grouping with the complicated stamped ceramics in the analyses may reflect a greater prevalence of check stamped ceramics with "Chicora" sites than with "Deptford" sites. These clusterings will be explored in greater depth both in this and in subsequent sections.

As noted, decorated Stallings ware group ceramics load strongly together in a common factor in all three solutions. Plain (nondecorated) Stallings ceramics (Var C) is less strongly loaded in all cases, and in the rotated principal components solution actually loads stronger with Thoms Creek ware group ceramics (Vars M,N,P- Factor 6, Table 6). Furthermore, in the unrotated principal components solution, all Stallings ceramics load with Thom's Creek drag & jab, and weakly with Thom's Creek linear separate punctate (Table 4, Factor 2). Are these then contradictory solutions?

Returning to the original data base- the attribute by attribute listing of variables, and the distributional plots of each attribute- it is clear that these "contradictory" solutions are indicating very real patterning in the data. First, plain fiber tempered pottery has been shown to occur throughout the coastal plain (fig. A), while decorated fiber tempered pottery is restricted to the southern, primarily coastal, area (fig. B).

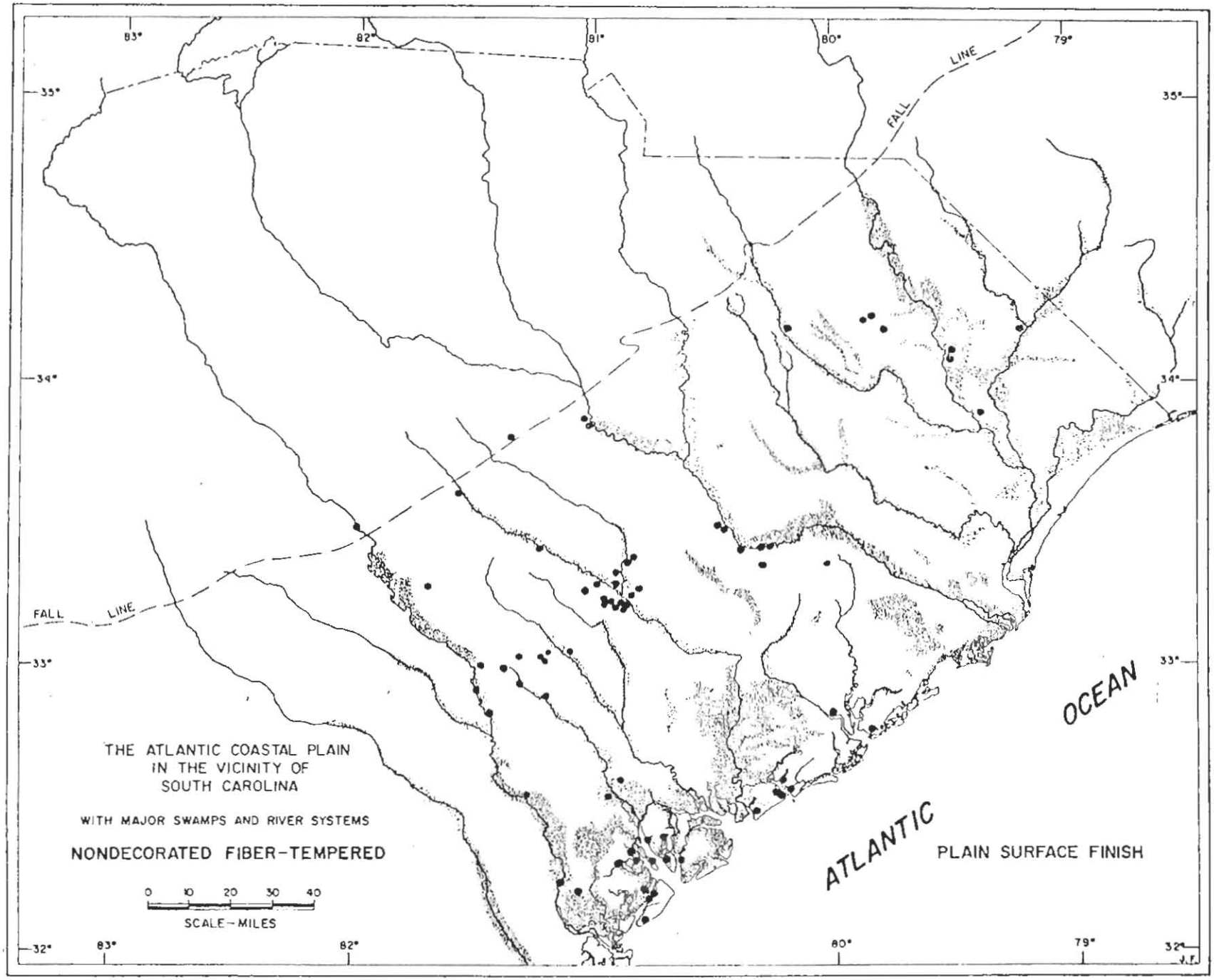

Figure A. Distribution of plain fiber tempered ceramics in the Coastal Plain of South Carolina. Each dot represents one site.

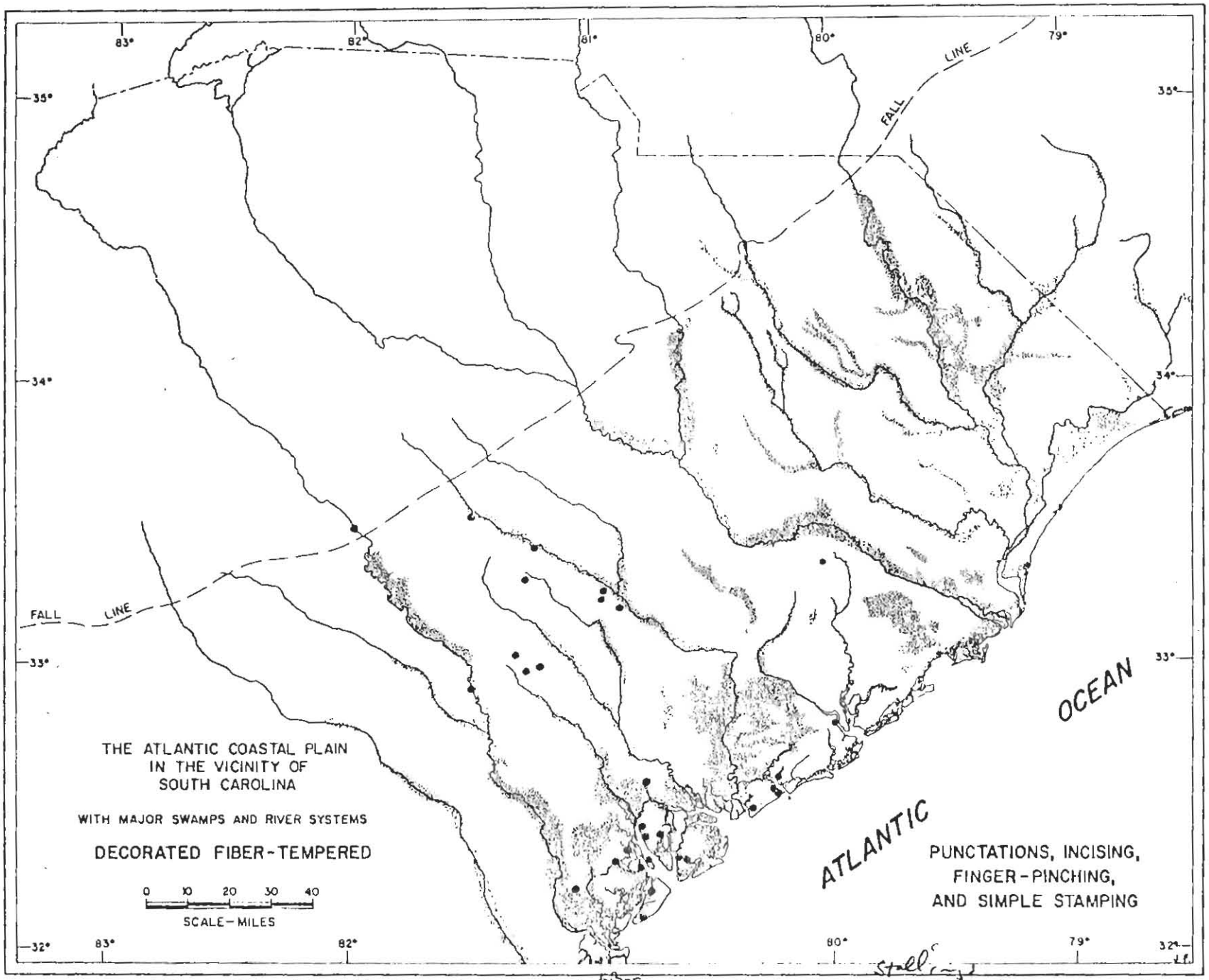

Figure B. Distribution of decorated ~~sand~~ tempered ceramics (~~Thom's~~ Creek ware group) in the Coastal Plain of South Carolina. Each dot represents one site.

Thom's Creek punctated ceramics occur primarily in the northern coastal area (north of the Combahee river mouth), and throughout the coastal plain (fig. C). Thus, while decorated Thom's Creek and Stallings ceramics only overlap in distribution along the central coastal area, plain fiber tempered pottery co-occurs with decorated Thom's Creek ceramics over a much wider area. This patterning is suggested in the various solutions, although all are needed to bring it out. This in turn suggests that no one way of looking at the data may be "best" for all analyses. Different ways of looking at the same data often produce new discoveries, as the history of science illustrates over and over (Kuhn 1962).

The fairly strong co-occurrence of Thom's Creek drag & jab ceramics (and the somewhat weaker loading of Thom's Creek linear separate puntate) with Stallings ceramics suggested by the unrotated principal components solution can be better understood in light of the original distributional data. Thom's Creek drag & jab ceramics are much more infrequent inland in the Coastal Plain than Thom's Creek linear separate punctations. Where drag & jab punctations are most prevalent, however, is along the coast-where they frequently cooccur on sites with Stallings ceramics, particularly in the central coastal area (Combahee river mouth-Charleston Harbor).

Thus, certain relations between Stallings fiber tempered and Thom's Creek sand tempered ceramics begin to emerge. Plain fiber tempered pottery would appear to be somewhat associated with decorated Thom's Creek ceramics, particularly inland in the Coastal Plain (with linear separate punctate Thom's Creek), while Thom's Creek drag & jab punctations appear associated with decorated fiber tempered ceramics along the coast. What these implied artifactual co-associations may indicate in terms of prehistoric settlement and adaptational behavior will be discussed later; for now the point is that the delimitation of the pattern was aided by the multivariate analyses employed.

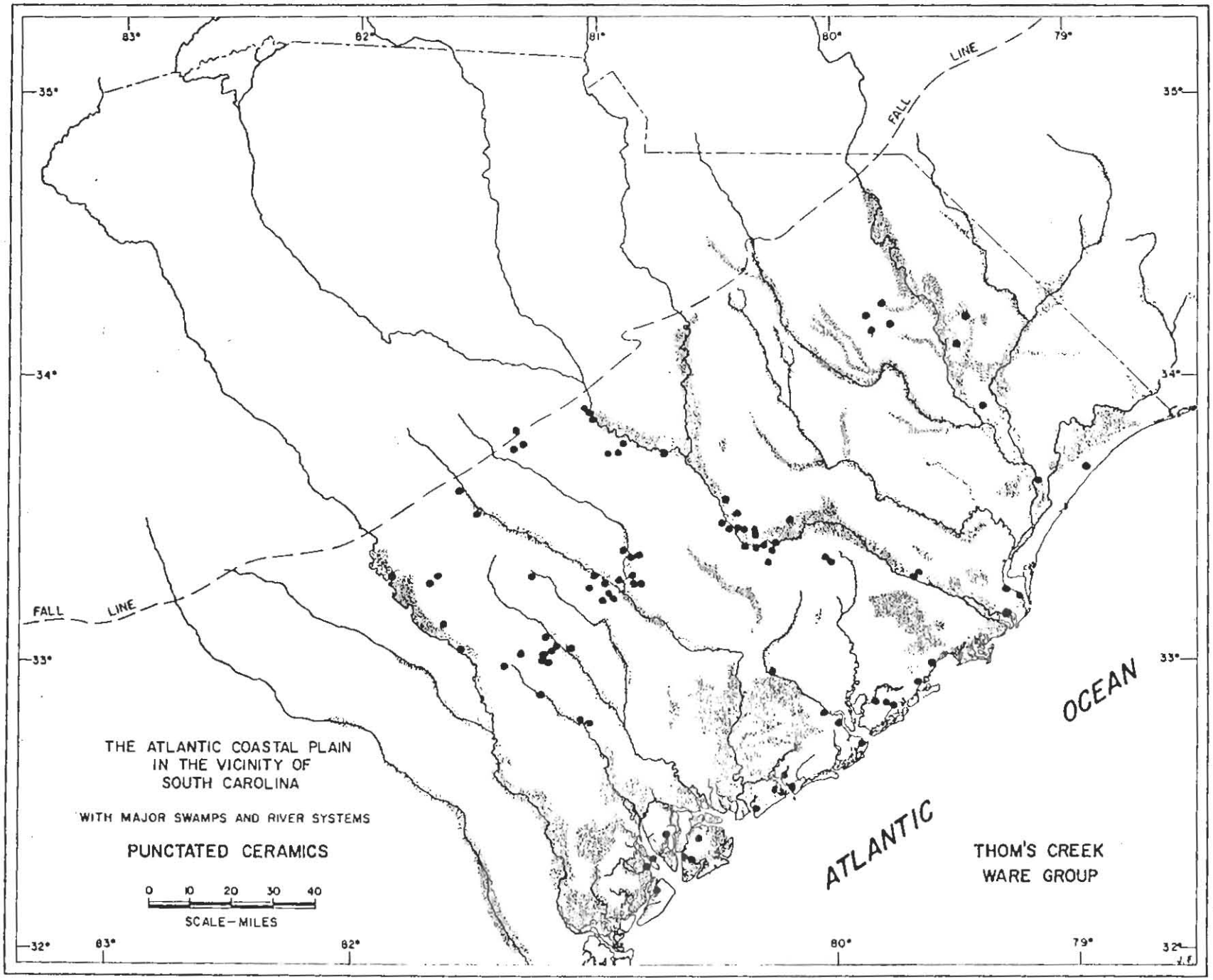

Figure C. Distribution of punctated sand tempered ceramics (Thom's Creek ware group) in the Coastal Plain of South Carolina. Each dot represents one site.

Turning to Thom's Creek ware group ceramics, additional patterned interrelationships may be noted. The unrotated principal components solution (Table 4) indicates that linear separate, drag & jab, and dentate stamped ceramics (Vars M,N, & P) tend to weakly cooccur (Factor 1), with linear separate and drag & jab ceramics somewhat isolated (Factor 2), reflecting additional co-occurrence with the Stallings fiber tempered material. Finger-pinched "Awendaw" ceramics are singularly isolated (Factor 7) and in fact negatively associated with Refuge dentate stamped ceramics.

The rotated principal components solution (Table 6) also groups linear separate, drag & jab, and dentate stamped Thom's Creek ceramics with plain fiber tempered ceramics (Factor 6). A second factor in this solution, however, loads linear separate, drag & jab, and finger-pinched Thom's Creek ware group ceramics together- a somewhat different grouping than in the first solution, where finger-pinched ceramics were isolated. The rotated classical factor analysis solution (Table 8) produces a near-identical clustering of Thom's Creek ceramics to that produced by the rotated principal components solution. Again, this is a situation in which the results appear somewhat contradictory.

The various solutions suggest that Awendaw finger-pinched ceramics cooccur with Thom's Creek linear separate and drag & jab punctated ceramics, but do not, unlike these same two variables, cooccur with either Refuge dentate stamped or plain or decorated fiber tempered pottery. Looking again at the distribution maps, the Stallings and Thom's Creek ware group ceramics are seen as occurring in particular patterns, and these patterns are similar to the associations revealed by the analyses.

While plain fiber tempered ceramics (fig.) and decorated Thom's Creek ware group ceramics (fig.) are distributed over wide areas, finger-pinched Thom's Creek ware group ceramics and decorated Stallings ceramics

are singularly isolated, in the northern and southern coastal areas, respectively. Finger-pinched ceramics are most prevalent to the north of Charleston Harbor (fig.), while decorated fiber tempered ceramics are most frequently found south of this area (fig.)- along the coast. Where strong mixing between Thom's Creek and Stallings ware groups does occur, would appear to be in the central portion of the coastal area (from the Combahee River mouth to Charleston Harbor). Here, both decorated and plain fiber tempered ceramics cooccur with Thom's Creek linear separate punctate and drag & jab punctate; inland the decorated Thom's Creek wares cooccur only with plain fiber tempered pottery. This differential distribution among wares recognized as coeval by an increasing series of radiocarbon dates suggests that Formative populations and adaptations may have varied somewhat. Analysis of this question will be postponed until a latter section, however.

Developmental Ceramics: Deptford, Cape Fear, & Wilmington ware groups

South (1973) has used the term Developmental to encompass all sand and sherd tempered ceramics corresponding to his Deptford, Cape Fear, and Wilmington ware groups. These taxa in turn are believed to encompass most of the range of variation in the manufacture of prehistoric ceramics between the end of the Formative and the rise of the Climactic periods. The first of these two periods corresponds to the time of the late Archaic populations using fiber and sand tempered (Stallings and Thom's Creek ware group) ceramics, previously discussed. The latter term, Climactic, refers to the South Appalachian Mississippian (Ferguson 1971) expression in the area, delimited through the occurrence of Chicora ware group ceramics. South's Developmental period, lying between these two, therefore approximately corresponds to what is known generally (Griffin 1967) as the Early through Late Woodland periods in the Eastern United States.

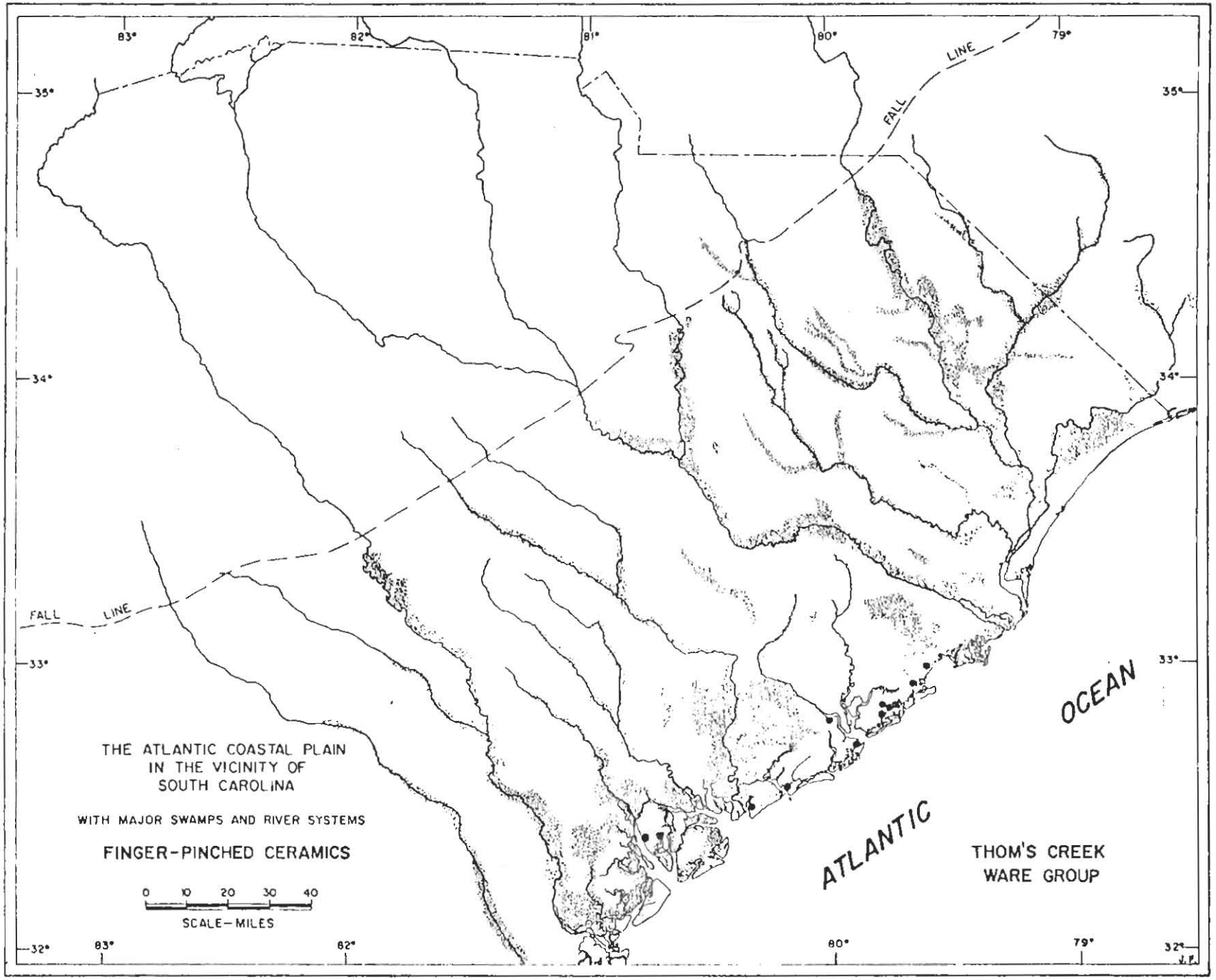

Figure D. Distribution of finger pinched "Awendaw" ceramics in the Coastal Plain of South Carolina. Each dot represents one site.

Of the ten "non-Formative period" variables, all but one- complicated stamped ceramics- may be considered to fit into one or more of South's Deptford, Cape Fear, or Wilmington ware groups. Because ceramics may be placed in one or more groups some classificatory ambiguity does exist in the taxonomy. Sand tempered cord or fabric marked ceramics may be typed into both Deptford & Cape Fear ware groups, and may also occur with Chicora ware group ceramics of the later Climactic period(South 1973, Caldwell & Waring 1939). Unlike Formative period ceramics, which for the most part are easily recognizable, later ceramics are frequently (it would appear) sorted more on the basis of cooccurrence with types that have clear temporal placement than due to any distinctive paste and/or finish attributes.

All three multivariate analysis solutions clearly group sherd tempered cord and fabric marked ceramics together; these correspond to South's Wilmington ware group. Interestingly, in the rotated factor analysis solution these two are weakly loaded with sand tempered fabric impressed, loose weave ceramics (Factor 2, Table 8). In the same solution sand tempered fabric impressed sherds of both loose and rigid warp are also loaded together on another factor- with linear check stamped pottery (Factor 3). Since linear check stamped is clearly associated with Deptford, while sand tempered cord and fobric is associated with Cape Fear, and the sherd tempered with Wilmington, it would appear that these separate taxonomic entities may in fact have something in common. A similar pattern is, in fact, exhibited in both rotated and unrotated principal component solutions.

Looking at the distributions of each of these variables on a map, it is evident that sand tempered fabric impressed ceramics occur widely over the Coastal Plain, as does linear check stamped pottery. What is interesting is that in <u>none</u> of the three solutions does cord marked sand tempered pottery load strongly with either sand tempered fabric <u>or</u> linear

check stamped ceramics. Cord marked pottery, where it loads strongly with anything, appears to do so with plain and simple stamped sand tempered ceramics. Sand tempered cord and fabric marked ceramics are, however, grouped together in South's Cape Fear ware group; Furthermore these wares coocur together on the surfaces of large numbers of sites in southeastern coastal North Carolina and northern coastal South Carolina (South 1960).

Three groupings of Developmental period ceramics are suggested by the analyses:

1. Cord marked, simple stamped, and plain sand tempered ceramics appear to cooccur regularly within the data set.

2. Linear check stamped ceramics, and sand tempered fabric impressed ceramics appear to regularly cooccur.

3. Sherd tempered cord and fabric marked ceramics tend to cooccur, possibly also with sand tempered fabric impressed ceramics characterized by a loose weave.

These implied interrelations derive from a data set encompassing the entire Coastal Plain of South Carolina. Unfortunately, excavation samples from this area for the Developmental period are presently almost non-existent. These coassociations may therefore represent contemporaneous (synchronic) assemblages, or repeated (diachronic) use of certain environmental zones (i.e. the same site area) over time, with concommittent ceramic assemblage changes. Limited excavation results from the Cal Smoak site along the Edisto River (Anderson et al nd) suggest the possibility of a sand tempered linear check stamped assemblage superceded by a sand tempered cord, simple stamped and plain ceramic assemblage in that area. Until much more excavation data is gathered the temporal significance of these apparent coassociations must remain in doubt, however.

Climactic Ceramics: Chicora-York ware groups

As noted previously, South (1973) has characterized the South Appalachian Mississippian expression in the Coastal Plain of South Carolina by the term Climactic. This period in particular is delimited by the presence of complicated stamped ceramics of the Chicora ware group. The decline of the Mississippian expression in the area is reflected in ceramics of the York ware group, also characterized by complicated stamped ceramics. In this analysis no distinction was made between the two taxa during the artifact attribute classification phase of the research, largely because of perceived ambiguities in present classification procedures.

Complicated stamped ceramics consistently factored with check stamped ceramics in all three analyses. Check stamped ceramics are also characteristic of the Deptford ware group; weak co-loadings of linear check stamped and check stamped ceramics were also observed on all solutions. Check stamped ceramics occur widely in the Coastal Plain (fig. E) while complicated stamped ceramics are largely restricted to major drainages (fig. F). If the two wares are associated, as is suggested, then a differential distribution of ceramics for the late prehistoric period may be suggested. Alternatively, since check stamping is weakly associated with linear check stamping (Deptford), the widespread distribution of check stamping may reflect the Deptford associations of this attribute.

General Conclusions: Alternative Analyses

It might be fairly asked that the preceeding conclusions could just have easily been obtained through intuitive inspection of the data. While this is possible, the author feels that it is somewhat unlikely. The closest previous attempt at synthesis-analysis of coastal South Carolina ceramics, encompassing all periods, is the taxonomy of Stanley South (1973). South's taxonomy is based on years of work in the Coastal Plain of South Carolina

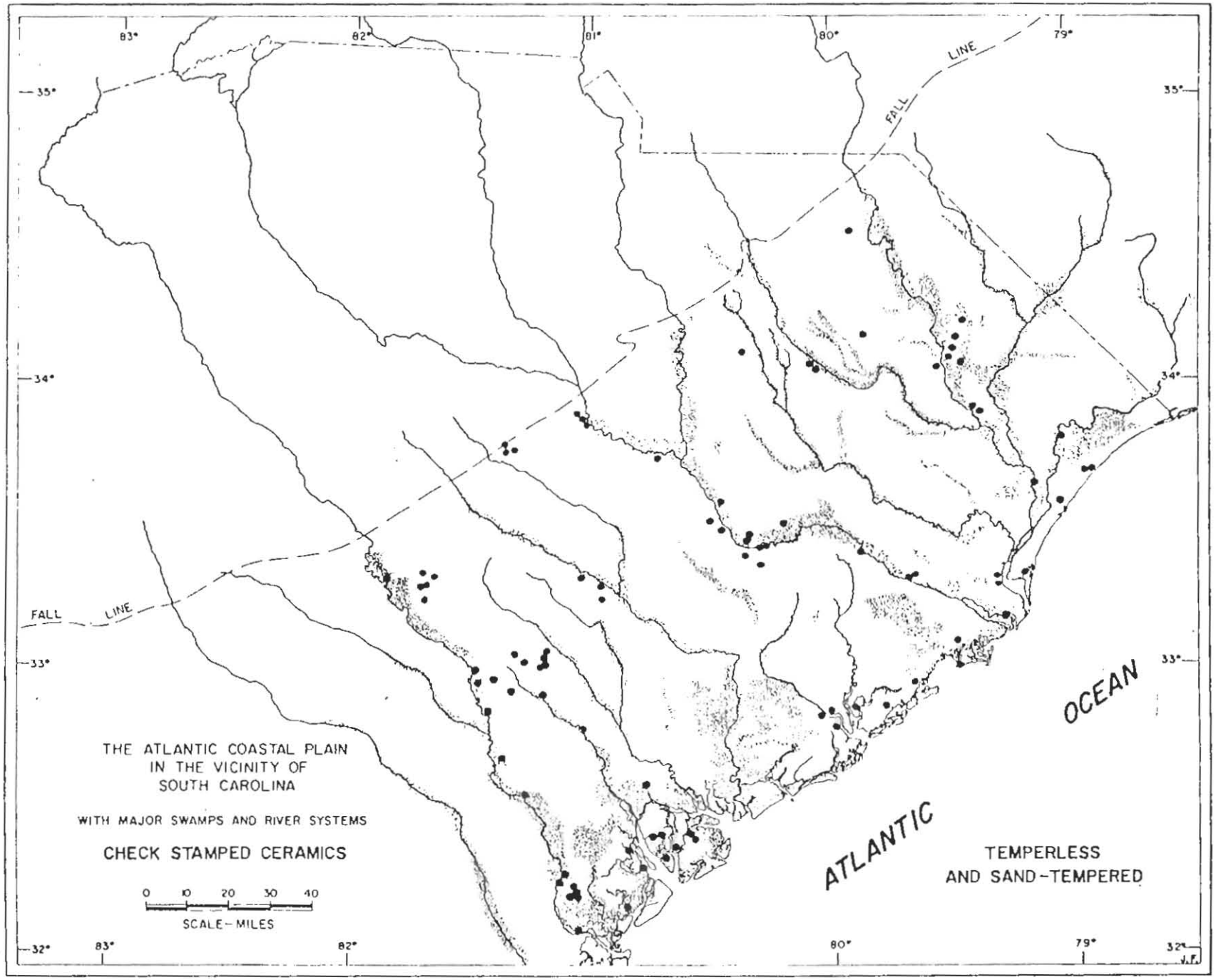

Figure E. Distribution of check stamped ceramics in the Coastal Plain of South Carolina. Each dot represents one site.

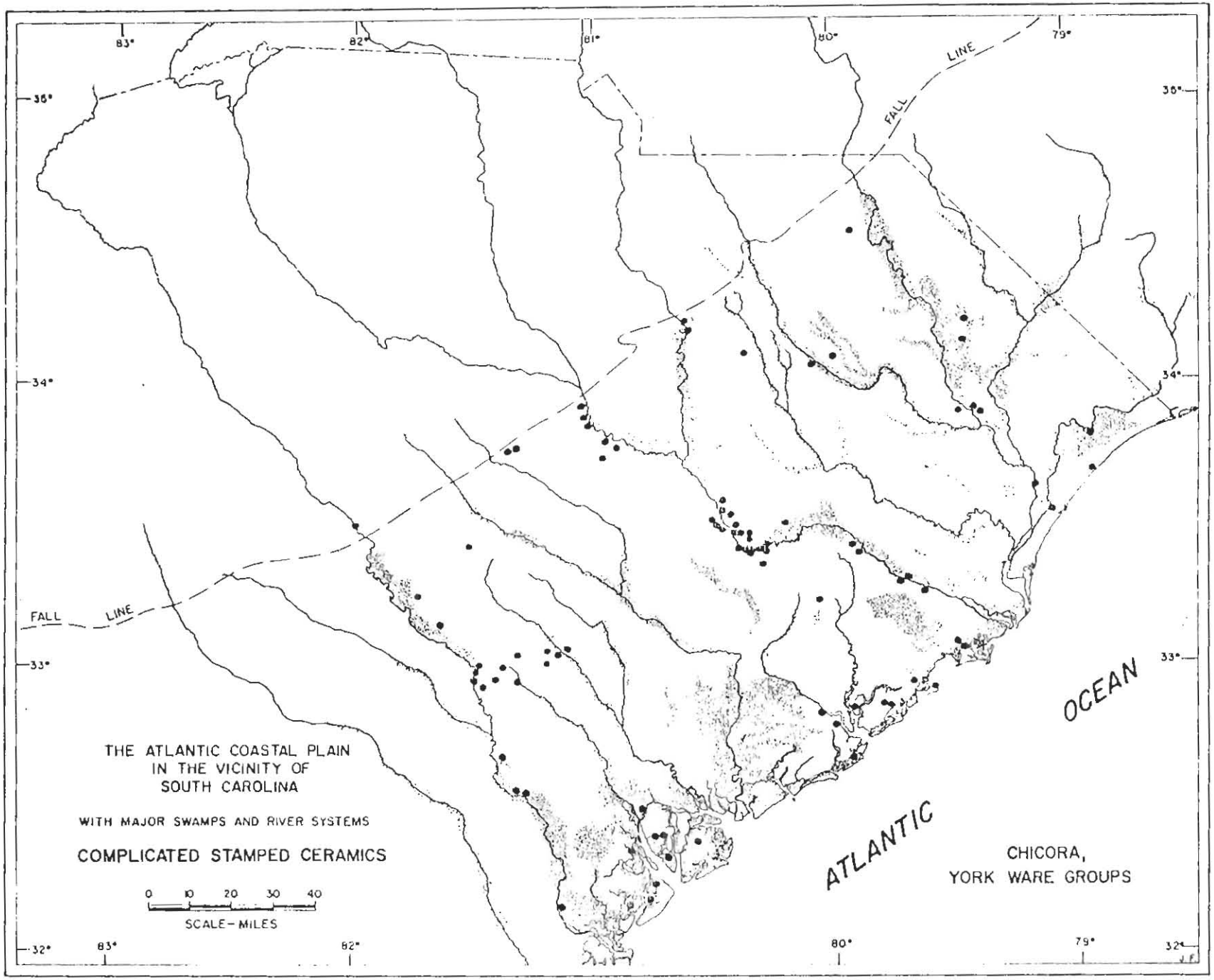

Figure F. Distribution of complicated stamped ceramics in the Coastal Plain of South Carolina. Each dot represents one site.

and in contiguous areas, and reflects his knowledge of both the available literature, previous research, and extensive contact with prehistoric ceramics in the area of immediate concern.

The results of the preceeding multivariate analyses indicate a close agreement with South's taxonomy. Ceramics tended to factor out by temporal associations (South's ware group evolution taxa) and by ware group. Stallings, Thom's Creek, Wilmington, and Chicora ware groups are fairly consistently represented by separate factors in each analysis. There does appear to be an area of difficulty in the Developmental period ceramics-particularly in the association of elements in the Cape Fear and Deptford ware groups. At the present these ceramics represent a period very poorly understood or investigated in the South Carolina Coastal Plain.

As a heuristic and taxonomic device South's classification would appear to stand up well to this initial test involving a large data set. The general outlines, or co-associations sketched in that taxonomy are largely duplicated here. One might even reverse the statement to say that the analyses appear to have born up well in the light of South's taxonomy. There are major differences in the procedures yielding the two studies, however, largely centering on the role of quantification. In this study an attempt has been made to detect patterned covariation in a defined data set for subsequent use in the development of explanatory hypotheses about the cause of that patterning. South's taxonomy is oriented toward the same end: in addition to a taxonomy it is also an evolutionary model, although self-contained to pottery types and hierarchical combinations thereof. It differs in lacking a broad, quantitative base.

A second orientation of this analysis was that of exploratory investigation. Patterning was observed in the ceramic variables that cross-cut traditional taxonomic categories. An example of this was the observed interrelationship in Stallings and Thom's Creek ceramics that apparently reflects

distributional significance. Associations found between ceramics traditionally classified in different taxa shpuld be noted, as should the examples where ceramics traditionally classified together (sand tempered cord and fabric marked). The associations between linear check stamped ceramics, for example, or between sand tempered cord, simple stamped, and plain ceramics demand attention. Whether they might have received it from investigators operating with a taxonomic model that tended to regard them as separate entities is another question. How data are perceived largely shapes reaction and subsequent analysis. Emphasis on discrete taxa, for example, may be at the expense of patterned covariation between widely differing categories of phenomonon.

These comments are not meant to be taken as criticism of South's taxonomy. As stated previously, this investigation above all shows the efficacy of that framework. Furthermore, without it for a guide, the choice of many of the attributes investigated in this analysis may well have been different- probably much more restricted. What is indicated here is that taxonomies must be utilized as tools to orient research, and indeed to serve as the vehicle through which to conduct that research. They must not, however, come to be regarded as definitive, either for description or for exploratory purposes.

Clustering: An Alternative, Complementary Approach

An alternative way to search for patterning in a large data set, other than the direct or indirect transformations employed in principal component and factor analysis, is through cluster analysis. Cluster analysis groups "similar" units together; similarity being determined by the calculation of measures of association between the variables. These measures of association (similarity or distance coefficients) are calculated between all pairs of units, and the resulting matrix then provides the basic referent during the

ensuing cluster formation. Clustering techniques based on the successive fusing of similar pairs of groups of units, on the basis of all defined attributes, are known as polythetic agglomerative hierarchical procedures.

In agglomerative hierarchical clustering a matrix of similarities or distances between units is calculated. This is scanned and units similar to each other or to existing cluster members are successively linked. The final result depends both on the measures of association (similarity or distance) employed and on the cluster formation procedure utilized. Different results will be generated if different measures of association and/or different cluster formation procedures are utilized. Valid use of cluster analysis therefore depends on the employment of measures of association and rules of cluster formation appropriate to both the data set and to the analysis in question (Doran & Hodson 1975:176).

Using presence-absence data values an agglomerative hierarchical cluster analysis was conducted on the 17 major ceramic variables that were the focus of the principal components and factor analyses. An average linkage cluster formation procedure (unweighted pair-group method using arithmatic averages), employing Jaccard's coefficient of similarity, was utilized. The similarity matrix and cluster matrix are given in Tables 10 and 11.

Average linkage was utilized because it is a procedure found useful in archaeological analyses similar to that conducted here (Doran & Hodson 1975:177; McCartney & Scholtz nd). It is immediately relevant to the present investigation, since it tends to group units into discrete subclusters, avoiding chaining problems common to single linkage analysis (Doran & Hodson 1975:176). Jaccard's coefficient of similarity (Sneath & Sokol 1973:131) was employed to accomodate the use of presence- absence data and because it omits consideration of negative matches. Only shared categories and not mutual

IDENTIFICATION:

	VARC	VARD	VARE	VARG	VARJ	VARK	VARM	VARN	VARP
ARC	1.000								
ARD	0.270	1.000							
ARE	0.221	0.463	1.000						
ARG	0.158	0.288	0.265	1.000					
ARJ	0.105	0.142	0.218	0.215	1.000				
ARK	0.094	0.137	0.176	0.142	0.457	1.000			
ARM	0.167	0.121	0.085	0.098	0.069	0.081	1.000		
ARN	0.200	0.142	0.081	0.139	0.100	0.083	0.152	1.000	
ARP	0.281	0.314	0.239	0.266	0.156	0.139	0.178	0.300	1.000
ARQ	0.025	0.050	0.025	0.041	0.081	0.056	0.032	0.162	0.079
ARS	0.215	0.384	0.445	0.228	0.141	0.182	0.096	0.121	0.273
ART	0.156	0.299	0.321	0.314	0.252	0.188	0.075	0.096	0.245
ARZD	0.223	0.287	0.294	0.225	0.252	0.305	0.125	0.134	0.283
ARZE	0.167	0.240	0.262	0.184	0.200	0.221	0.110	0.109	0.250
ARZF	0.237	0.498	0.615	0.322	0.197	0.176	0.078	0.109	0.294
ARO13	0.217	0.715	0.369	0.252	0.124	0.116	0.112	0.121	0.280
ARO14	0.266	0.672	0.341	0.236	0.156	0.140	0.130	0.159	0.255

	VARQ	VARS	VART	VARZD	VARZE	VARZF	VARO13	VARO14
ARQ	1.000							
ARS	0.012	1.000						
ART	0.030	0.314	1.000					
ARZD	0.047	0.290	0.286	1.000				
ARZE	0.012	0.303	0.254	0.396	1.000			
ARZF	0.039	0.535	0.350	0.292	0.261	1.000		
ARO13	0.028	0.300	0.265	0.275	0.226	0.359	1.000	
ARO14	0.062	0.296	0.267	0.269	0.200	0.346	0.387	1.000

Table 10. Jaccard coefficients of association, 17 major ceramic variables. Variable identification is given in Table 1 (b).

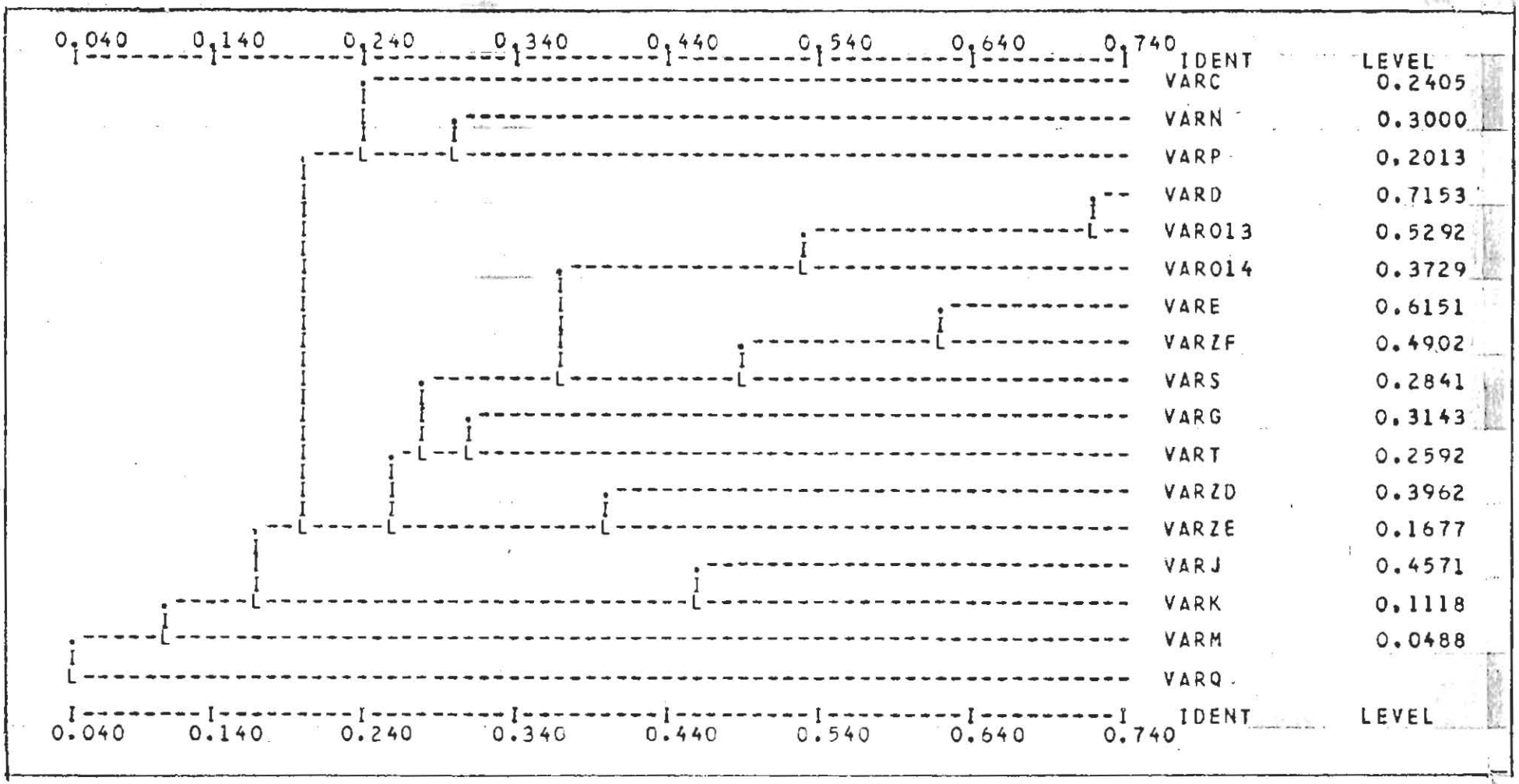

Table 11. Dendrogram generated from Jaccard association matrix for the 17 major ceramic variables, using unweighted arithmatic average-linkage clustering procedure. High values (to the right) are the most similar. Variable identification is the same as in Table 1 (b).

absences are considered. This avoids clustering of units that are not found together; on the basis of the perfect negative matches some procedures could group these together (McCartney & Scholtz nd)!

The clustering procedure was utilized to both complement and test the validity of the principal component and factor analyses. If these techniques, each based on somewhat different computational procedures and theoretical assumptions, yielded similar results, than increased confidence in the results should obtain. As can be seen from Table 11, there is fairly good agreement between the clustering results and the components and factors extracted from the other analyses. Linkages between variables (indicated by vertical bars and an "L" at the point of linkage) are arranged, in order of increasing similarity, from right to left. The level of inclusion at which a variable is linked with the next "most similar" variable or cluster is given at the left of the table.

Simple stamped ceramics (Var D) are linked most closely with linear separate punctate fiber tempered ceramics (Var 013), which in turn are linked to drag & jab fiber tempered ceramics (Var 014). This subcluster is in turn linked to a subcluster in which sand tempered cord marked, plain, and linear check stamped ceramics are roughly grouped together. This entire grouping in turn links to two additional subclusters, the first comprised of complicated and check stamped ceramics, and then to a subcluster characterized by sand tempered fabric marked ceramics (loose & rigid weave), and so on. The similarity of a cluster member to its nearest member can be determined by the level at which linkage occurs.

The cluster analysis complemented the previous procedures in that most close clusterings of variables corresponded to similar combinations of variables found in factors or components, which in turn agreed fairly well with cultural-historical and taxonomic data. Finger-pinched pottery,

for example, is not strongly linked to any other member in this analysis, which agrees with its relative isolation in the other procedures. Sand tempered fabric marked ceramics, complicated stamped and check stamped ceramics, and sherd tempered cord and fabric ceramics all fall into neat subclusters (although with differing degrees of similarity between the pairs). These in turn roughly correspond, it will be recalled, to South's Cape Fear, Chicora, and Wilmington ware groups.

Additional subclusters of variables correspond quite well with previous groupings. Thom's Creek ware group linear separate and drag & jab pottery appear most closely linked with plain fiber tempered pottery, a point of extreme interest noted in the multivariate analyses. Similarly, the linkage of the decorated fiber tempered wares, and the grouping of the sand tempered cord and plain wares agrees well with the previous research.

The close relationship between simple stamped ceramics and the decorated fiber tempered wares is surprising, however, as is the lack of a strong association of dentate stamped ceramics with any other group. The multivariate analyses suggested that simple stamped ceramics were closely linked to cord and plain sand tempered ceramics; dentate stamped ceramics were weakly loaded with other Thom's Creek ware group ceramics. In general, however, the overal cluster analysis tended to complement, and not discredit the preceeding investigations.

Conclusions: Multivariate and Cluster Analyses as Pattern Recognition and Testing Tools

The use of a variety of analytical procedures is recommended as an appropriate method for investigating complex data sets. Multivariate analysis (including cluster analysis) can discern patterning in large sets of variables and can complement univariate or bivariate analyses. Because different procedures yield somewhat different interpretations, several approaches should be utilized to overcome limitations inherent in individual

procedures. Patterns that are generated, of course, should not be blindly accepted but should be checked against the investigator's intuitive "feel" for the data, the results of previous analysis, and input from future research. The primary value of such procedures lies in their ability to suggest patterning that otherwise might go unrecognized, to help delimit that patterning, and to test previous formulations about patterning in the data.

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APPENDICES

APPENDIX I

Site Collections Examined by Location of Collection

Institute of Archeology and Anthropology,
University of South Carolina

The Charleston Museum

Private Collections

Forest Swails
Sammy T. Lee
A. Robert Parler
Robert and Edward Cuthbert
Slocum

Institute of Archeology and Anthropology
Site Collections Examined: 1974-1975

Site	Artifacts	Site	Artifacts	Site	Artifacts
38AK7	100	38BK84	141	38CL4	135
38AK41	17	38BK109	87	38CL9	41
38AK60	4	38BK113	46	38CL10	73
38AK63	5	38BK132	558	38CL18	97
38AK77	2	38BM6	46	38CL21	137
38AK88	46	38BM7	104	38CN6	10
38AK93	31	38BM8	5	38CR1	143
38AK105	20	38BM9	3	38CR2	93
38AK109	1	38BM13	38	38CR19	19
38AK110	1	38BR3	79	38CR21	75
38AK119	11	38BR6	9	38CR24	282
38AK129	2	38BR26	4	38CR25	3
38AK130	1	38BR55	32	38DA8	13
38AK134	3	38BR58	7	38FL16	29
38AK139	7	38BR59	4	38FL17	7
38AK140	75	38BR77	1	38FL19	8
38AK141	49	38BR97	1	38FL24	1
38AK142	80	38BR109	1	38FL29	9
38AK143	74	38BU2	5	38FL30	26
38AK144	7	38BU7	5	38GE5	363
38AK147	5	38BU8"B"	42	38GE17	67
38AK148	2	38BU8"C"	7	38GE20	215
38AK149	17	38BU8"D"	91	38GE24	194
38AK153	10	38BU9	589	38GE46	231
38AK155	1	38BU10	14	38GE47	6
38AK156	1	38BU21	31	38HA1	31
38AK158	3	38BU23	50	38HA2	311
38AK164	4	38BU25	196	38HA3	29
38AK166	11	38BU26	29	38HA10	6
38AK171	4	38BU29	20	38HA11	97
38AL1	100	38BU32	40	38HA12	108
38AL2	59	38BU62	5	38HR5	100
38AL11	79	38BU63	14	38HR7	25
38AL12	62	38BU67	11	38HR8	105
38AL13	17	38BU68	7	38HR22	68
38AL22	2	38CH5	21	38JA1	191
38AL24	54	38CH7	239	38JA5	19
38AL26	149			38JA10	19
38AL37	4	38CH12	62	38JA20	17
38AL43	63	38CH14	44	38JA23	111
38AL46	4	38CH23"A"	144	38JA26	40
38AL47	143	38CH23"B"	156	38JA27	12
38AL48	43	38CH24	26	38JA29	7
38AL50	29	38CH41	57	38JA32	50
38AL52"A"	25	38CH42	312	38JA33	24
38AL52"B"	11	38CH60"A"	7	38JA36	11
38AL56	229	38CH60"B"	22	38KE12	241
38AL58	59	38CH61	215	38KE18	8
38BK76	41	38CH62	193	38LE4	9
38BK81	17	38CH212	3	38LE7	4

Institute of Archeology and Anthropology
Site Collections Examined: 1974-1975

Site	Artifacts
38LE9	3
38LE11	65
38LX17	256
38LX18	50
38LX21	12
38LX36	28
38LX68	262
38MA29	30
38MA32	25
38MA34	118
38MA36	84
38MA37	50
38MA38	10
38MA40	11
38MA42	21
38MA43	5
38MA44	51
38MA45	75
38ML4	7
38OR7	27
38OR9	96
38OR10	24
38OR18	54
38OR19	47
38OR20	68
38OR23	71
38OR24	2
38OR25	16
38OR28	106
38OR30	1539
38OR33	52
38OR35	15
38OR36	37
38OR37	80
38OR38	56
38OR40	181
38RD1	89
38RD52	12
38SU1	17
38SU2	4
38WG43	37

IAA TOTALS

190 collections examined
185 separate sites
13,320 artifacts

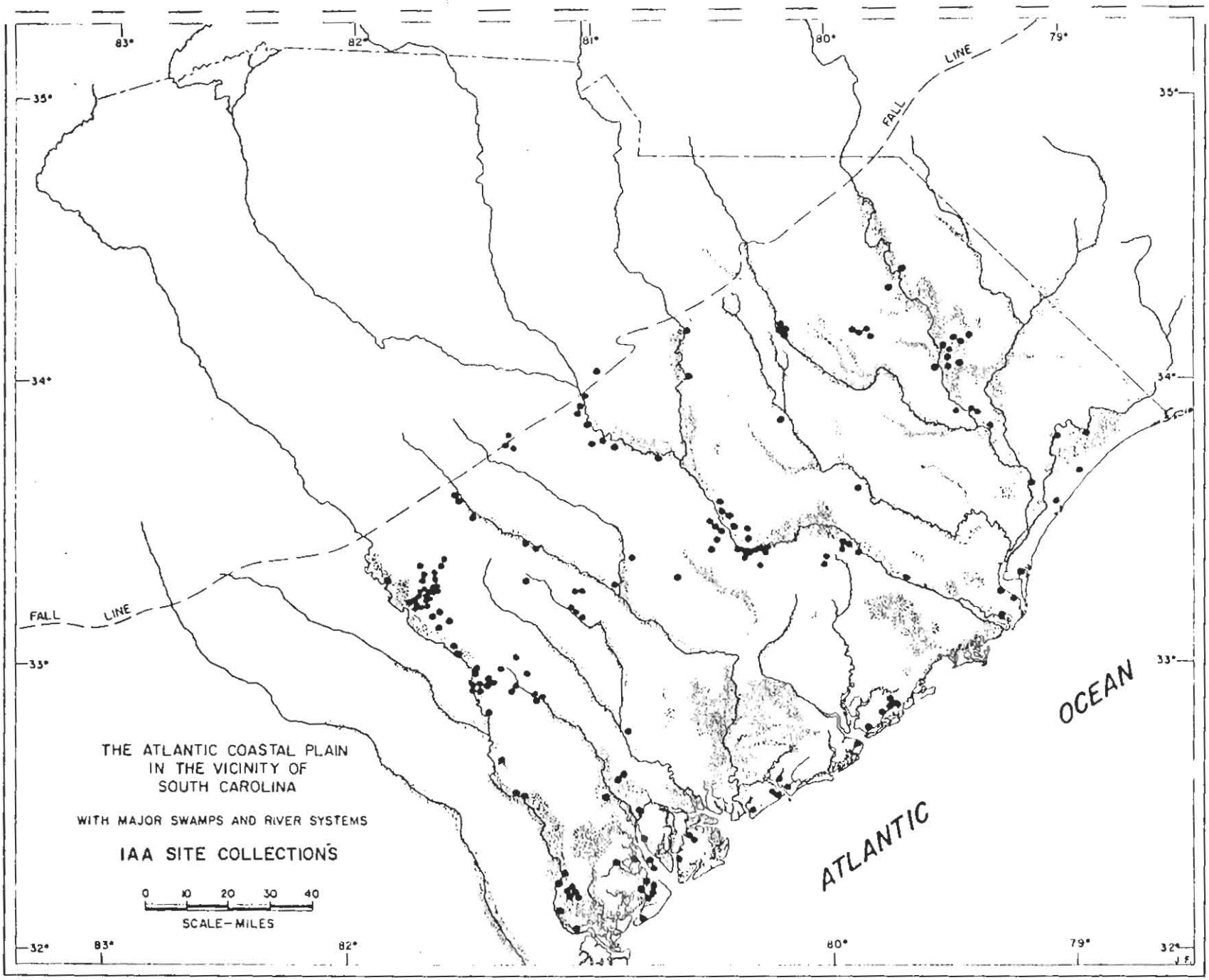


Fig. Archeological sites investigated in the present study with artifact collections located at the Institute of Archeology and Anthropology, University of South Carolina. Each dot represents one site.

Charleston Museum Site Collections
Examined: 1974-1975

Site	Artifacts
38AK7	22
38AK14	67
38AL9	2
38BK10	13
38BK35	1
38BK40	4
38BK42	2
38BK43	70
38BK45	1
38BU8"A"	29
38BU27	47
38BU28	154
38BU29	301
38BU31	16
38BU32	23
38BU37	57
38BU39	31
38BU40	22
38BU41	72
38BU42	21
38BU43	19
38BU44	1
38BU45	13
38BU46	1
38BU48	15
38CH2	16
38CH3	10
38CH8	685
38CH9	370
38CH12	97
38CH14	69
38CH16	13
38CH21	128
38CH23	205
38CH26	3
38CH27	4
38CH30	9
38CH31	61
38CH32	25
38CH33	13
38CH34	13
38CH42	27
38CH47	11
38CH62	4
38CH2 7	100
38CR3	31
38CR4	6
38CR5	50
38CR6	29
38CR8	245

Site	Artifacts
38CT3	60
38DA1	37
38DA1"A"	57
38DA2	38
38DA3	52
38FL1	338
38FL2	126
38FL3	1
38FL4	7
38FL5	12
38FL6	3
38FL7	3
38GE7	16
38GE12	13
38GE13	14
38HR12	84
38LE1	134
38LE2	32
38LE3	11
38LX2	111
38MA1	261
38MA2	40
38ML1	2
38ML2	3
38SU7	3
9CB1	71

CHARLESTON MUSEUM TOTALS

76 collections examined
75 separate sites
4,757 artifacts

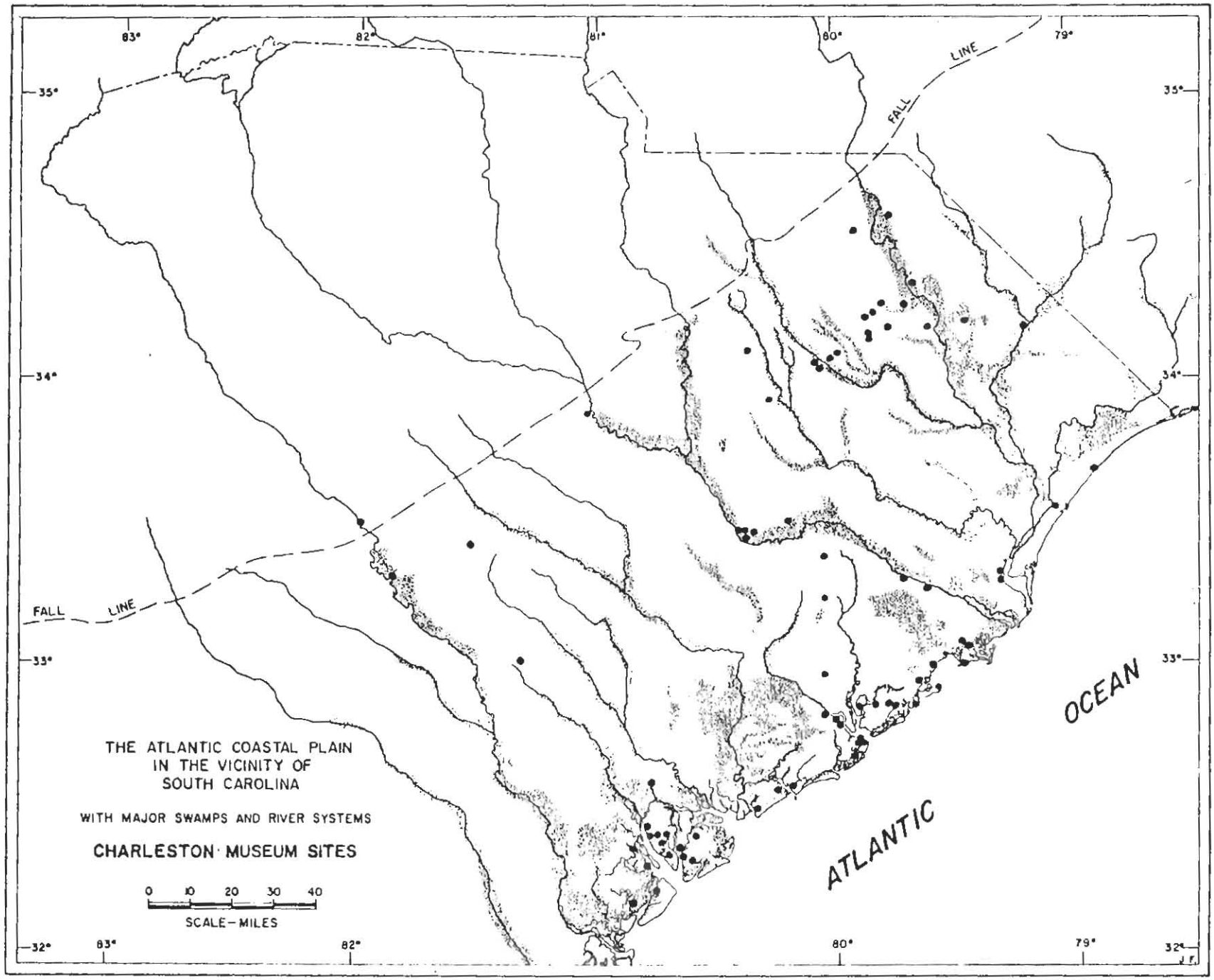


Fig. Archeological sites investigated in the present study with artifact collections located at the Charleston Museum, Charleston, S.C. Each dot represents one site.

Private Artifact Collections Examined
1974-1975

E. FOREST SWAILS COLLECTION

Site	Artifacts
38AK44	8
38AK45	3
38AL7	16
38AL70	14
38AL75	31
38AL76	33
38AL77	34
38AL78	60
38AL79	25
38AL80	9
38AL81	12
38AL82	2
38AL83	8
38AL84	8
38AL86	2
38BM39	24
38CL16	1
38HA1	28
38HA9	19
38HA13	5
38HA14	3
38HA15	2
38HA16	7
38LX17	20
38LX18	7
38LX21	3
38LX76	4
38LX85	23
38LX86	3
38OR42	5
38OR43	10
38RD18	1

SWAIL'S COLLECTION TOTALS

32 collections examined
32 separate sites
430 artifacts

SAMMY T. LEE COLLECTION

Site	Artifacts
38BM4	89
38BM6	204
38BM14	14
38BM15	110
38BM17	7
38BM23	8
38BM24	96
38BM25	22
38BM26	37
38BM31	29
38BM35	8
38BM36	12
38BM37	24
38BM38	33
38OR11	10
38OR50	10
38OR51	49
38OR60	12
38OR63	5
38OR64	3
38OR65	3
38OR66	43
38OR71	1
38OR72	63
38OR73	13

LEE COLLECTION TOTALS

25 collections examined
25 separate sites
905 artifacts

A. ROBERT PARLER COLLECTION

Site	Artifacts
38BM4	6
38BM14	1
38BM15	10
38BM16	5
38BM21	4
38BM22	3
38BM23	3
38BM25	5
38BM26	4
38BM28	2
38BM30	1
38BM31	35
38BM33	2

PARLER COLLECTION TOTALS

13 collections examined
13 separate sites
81 artifacts

Private Artifact Collections Examined
1974-1975

E. R. CUTHBERT COLLECTION

Site	Artifacts
38CH142	31
38DR6	20
38GE29	20

CUTHBERT COLLECTION TOTALS

3 collections examined
3 separate sites
71 artifacts

SLOCUM COLLECTION

Site	Artifacts
38RD80	297

SLOCUM COLLECTION TOTALS

1 collection examined
1 site
297 artifacts

TOTALS FOR ALL PRIVATE COLLECTIONS

74 collections examined
67 separate sites
1,784 artifacts

TOTAL FOR 1974-1975 CERAMIC STUDY

340 collections examined
313 separate sites
19,861 artifacts

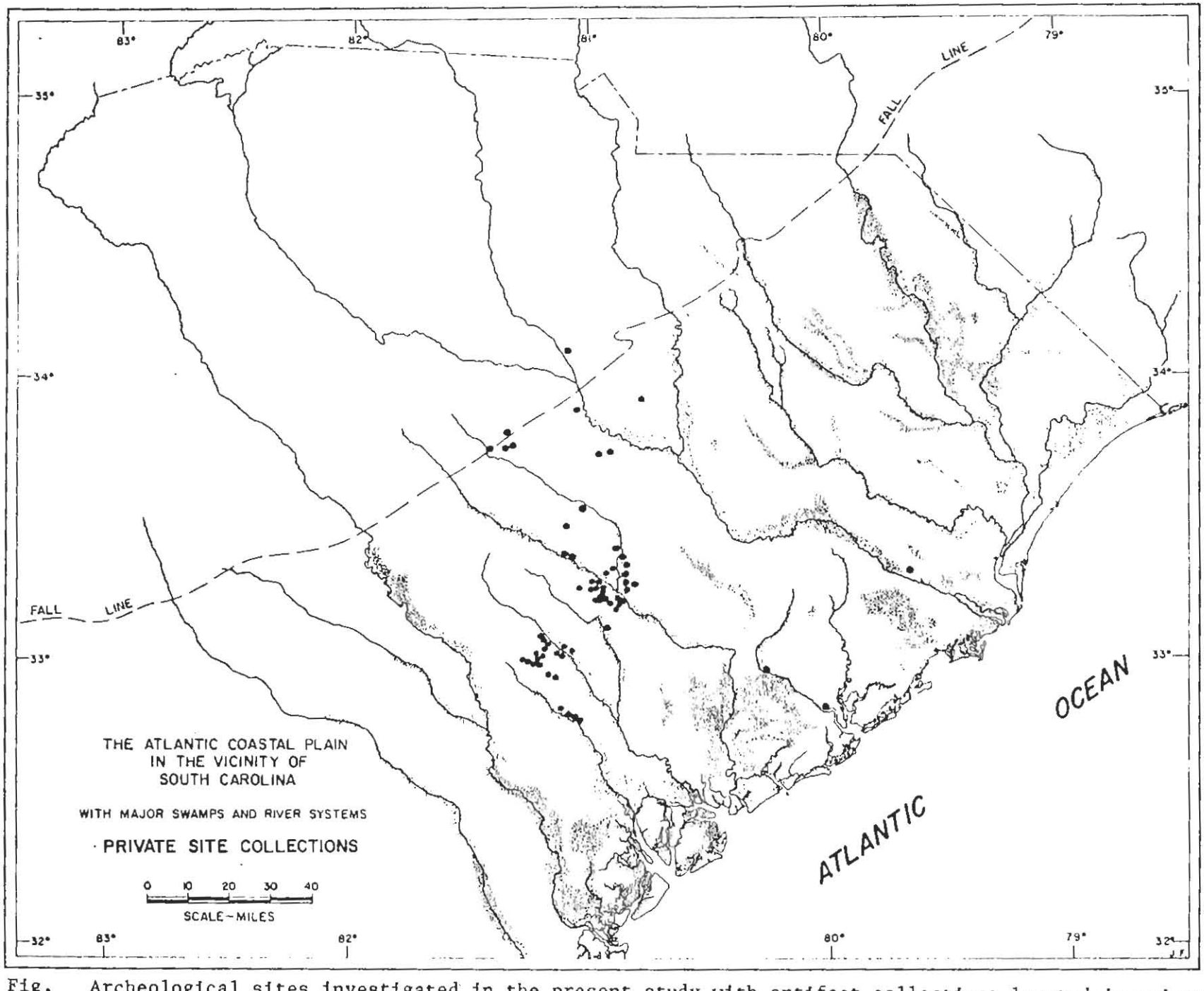


Fig. Archeological sites investigated in the present study with artifact collections located in private collections. Each dot represents one site.

APPENDIX II

Archeological Sites Investigated by Geographic Area

Savannah River Drainage, Inland
Coosawatchie River Drainage, Inland
Salkahatchie River Drainage, Inland
Edisto River Drainage, Inland (North and South Forks)
Ashley/Cooper River Drainages, Inland
Santee/Congaree/Wateree River Drainages, Inland
Black River Drainage, Inland
Lynches River Drainage, Inland
Great Pee Dee River Drainage, Inland
Little Pee Dee River Drainage, Inland
Waccamaw River Drainage, Inland
Savannah River - Broad River Coastal Area
Broad River - Combahee River Coastal Area
Combahee River - Charleston Harbor Coastal Area
Charleston Harbor - Santee River Coastal Area
Santee River - North Carolina Border Coastal Area

Archeological Sites by Geographic Area
Ceramic Analysis Study 1974-1975

SAVANNAH RIVER DRAINAGE, INLAND

Site	Artifacts	Site	Artifacts	Site	Artifacts
38AK7	122	38AK147	5	38AL50	29
38AK14	67	38AK148	2	38AL52	36
38AK60	4	38AK149	17	38BR55	32
38AK63	5	38AK153	10	38BR58	7
38AK77	2	38AK155	1	38BR59	4
38AK88	46	38AK156	1	38BR77	1
38AK93	31	38AK158	3	38BR97	1
38AK105	20	38AK164	4	38BRJ09	1
38AK109	1	38AK166	11	38HA1	59
38AK110	1	38AK171	4	38HA2	311
38AK119	11	38AL1	100	38HA3	29
38AK129	2	38AL2	59	38JA1	191
38AK130	1	38AL11	79	38JA5	19
38AK134	3	38AL12	62	38JA26	40
38AK139	7	38AL26	149	38JA27	12
38AK140	75	38AL37	4	38JA29	7
38AK141	49	38AL43	63	38JA32	50
38AK142	80	38AL46	4	38JA33	24
38AK143	74	38AL47	143	38JA36	11
38AK144	7	38AL48	43	9CB1	71

Total: 60 separate sites / 2307 artifacts

COOSAWATCHIE RIVER DRAINAGE, INLAND

Site	Artifacts	Site	Artifacts	Site	Artifacts
38AL13	17	38HA10	6	38HA14	3
38AL22	2	38HA11	97	38HA16	7
38AL24	54	38HA12	108	38JA10	19
38AL58	59	38HA13	5	38JA20	17

Total: 12 separate sites / 394 artifacts

SALKAHATCHIE RIVER DRAINAGE, INLAND

Site	Artifacts	Site	Artifacts	Site	Artifacts
38AL7	16	38AL80	9	38BM9	3
38AL9	2	38AL81	12	38BM13	38
38AL56	229	38AL82	2	38BM35	8
38AL70	14	38AL83	8	38BM39	24
38AL75	31	38AL84	8	38BR26	4
38AL76	33	38AL86	2	38CN6	10
38AL77	34	38BM6	250	38HA9	19
38AL78	60	38BM7	104	38HA15	2
38AL79	25	38BM8	5		

Total: 26 separate sites / 952 artifacts

Archeological Sites by Geographic Area
Ceramic Analysis Study 1974-1975

EDISTO RIVER DRAINAGE, INLAND (NORTH AND SOUTH FORKS)

Site	Artifacts	Site	Artifacts	Site	Artifacts
38AK41	17	38BM30	1	38OR28	106
38AK44	8	38BM31	64	38OR30	1539
38AK45	3	38BM33	12	38OR33	52
38BM4	95	38BM36	12	38OR42	5
38BM14	15	38BM37	24	38OR43	10
38BM15	120	38BM38	33	38OR50	10
38BM16	5	38BR3	79	38OR51	49
38BM17	7	38BR6	9	38OR60	12
38BM21	4	38LX17	276	38OR63	5
38BM22	3	38LX18	57	38OR64	3
38BM23	11	38LX36	28	38OR65	3
38BM24	96	38LX85	23	38OR66	43
38BM25	27	38LX86	3	38OR71	1
38BM26	41	38OR11	10	38OR72	63
38BM28	2	38OR24	2	38OR73	13

Total: 45 separate sites / 2991 artifacts

ASHLEY / COOPER RIVER DRAINAGES, INLAND

Site	Artifacts	Site	Artifacts	Site	Artifacts
38BK35	1	38CH31	61	38CH142	31
38BK42	2	38CH47	11	38DR6	20

Total: 6 separate sites / 126 sherds

SANTEE/CONGAREE/WATEREE RIVER DRAINAGES, INLAND

Site	Artifacts	Site	Artifacts	Site	Artifacts
38BK10	13	38CR4	6	38OR10	26
38BK40	4	38CR5	50	38OR18	54
38BK45	1	38CR6	29	38OR19	47
38BK76	41	38CR8	245	38OR20	68
38BK81	17	38CR19	19	38OR23	71
38BK84	141	38CR21	75	38OR25	16
38BK109	87	38CR24	282	38OR35	15
38BK113	46	38CR25	3	38OR36	37
38BK132	558	38GE24	194	38OR37	80
38CL4	135	38GE29	20	38OR38	56
38CL9	41	38KE12	241	38OR40	181
38CL10	73	38KE18	8	38RD1	89
38CL16	1	38LX2	111	38RD18	1
38CL18	97	38LX21	12	38RD52	12
38CL21	137	38LX68	262	38RD80	297
38CR1	143	38LX76	4	38SU1	17
38CR2	93	38OR7	27		
38CR3	31	38OR9	96		

Total: 52 separate sites / 4411 artifacts

Archeological Sites by Geographic Area
Ceramic Analysis Study 1974-1975

BLACK RIVER DRAINAGE, INLAND

Site	Artifacts	Site	Artifacts
38LE3	11	38SU7	3
38SU2	4	38WG43	37

Total: 4 separate sites / 55 artifacts

LYNCHES RIVER DRAINAGE, INLAND

Site	Artifacts	Site	Artifacts	Site	Artifacts
38FL3	1	38LE2	32	38LE9	3
38FL5	12	38LE4	9	38LE11	65
38LE1	134	38LE7	4		

Total: 8 separate sites / 260 artifacts

GREAT PEE DEE RIVER DRAINAGE, INLAND

Site	Artifacts	Site	Artifacts	Site	Artifacts
38CT3	60	38FL16	29	38MA37	50
38DA1	94	38FL17	7	38MA38	10
38DA2	38	38FL19	8	38MA40	11
38DA3	52	38FL24	1	38MA42	21
38DA8	13	38FL29	9	38MA43	5
38FL1	338	38FL30	26	38MA44	51
38FL2	126	38GE20	215	38MA45	75
		38MA1	261	38ML1	2
38FL4	7	38MA29	30	38ML2	3
		38MA32	25	38ML4	7
38FL6	3	38MA34	118		
38FL7	3	38MA36	84		

Total: 32 separate sites / 1782 artifacts

LITTLE PEE DEE RIVER DRAINAGE, INLAND

Site	Artifacts
38MA2	40

Total: 1 site / 40 artifacts

WACCAMAW RIVER DRAINAGE, INLAND

Site	Artifacts
38GE7	16
38HR7	25
38HR8	105

Total: 3 separate sites / 146 artifacts

Archeological Sites by Geographic Area
Ceramic Analysis Study 1974-1975

SAVANNAH RIVER - BROAD RIVER COASTAL AREA

Site	Artifacts	Site	Artifacts	Site	Artifacts
38BU2	5	38BU21	31	38BU62	5
38BU7	5	38BU27	47	38BU63	14
38BU8	169	38BU37	57	38BU67	11
38BU9	589	38BU45	13	38BU68	7
38BU10	14	38BU48	15	38JA23	111

Total: 15 separate sites / 1093 artifacts

BROAD RIVER - COMBAHEE RIVER COASTAL AREA

Site	Artifacts	Site	Artifacts	Site	Artifacts
38BU23	50	38BU31	16	38BU42	21
38BU25	196	38BU32	63	38BU43	19
38BU26	29	38BU39	31	38BU44	1
38BU28	154	38BU40	22	38BU46	1
38BU29	321	38BU41	72		

Total: 14 separate sites / 996 artifacts

COMBAHEE RIVER - CHARLESTON HARBOR COASTAL AREA

Site	Artifacts	Site	Artifacts	Site	Artifacts
38CH7	239	38CH21	128	38CH61	215
38CH12	159	38CH32	25	38CH62	197
38CH14	113	38CH34	13		
38CH16	13	38CH42	339		

Total: 10 separate sites / 1441 artifacts

CHARLESTON HARBOR - SANTEE RIVER COASTAL AREA

Site	Artifacts	Site	Artifacts	Site	Artifacts
38BK43	70	38CH23	505	38CH41	57
38CH2	16	38CH24	26	38CH60	29
38CH3	10	38CH26	3	38CH212	3
38CH5	21	38CH27	4	38CH217	100
38CH8	685	38CH30	9		
38CH9	370	38CH33	13		

Total: 16 separate sites / 1921 artifacts

Archeological Sites by Geographic Area
Ceramic Analysis Study 1974-1975

SANTEE RIVER - NORTH CAROLINA BORDER

Site	Artifacts	Site	Artifacts	Site	Artifacts
38GE5	363	38GE17	67	38HR5	100
38GE12	13	38GE46	231	38HR12	84
38GE13	14	38GE47	6	38HR22	68

Total: 9 separate sites / 946 artifacts

APPENDIX III

Environmental-Archeological Associations
Codings for Individual sites

A. Coding Key

B. Codings for Individual Sites

APPENDIX III

Environmental Associations: Codings for Individual Sites
A. Coding Key

Site # : Smithsonian River Basin Surveys Classification

C : Major Drainages and Coastal Sectors

(1 - 11 inland)

1 Savannah River
2 Coosawatchie River
3 Salkahatchie River
4 Edisto Rivers (North and South forks)
5 Ashley-Cooper Rivers
6 Santee River
7 Black River
8 Lynches River
9 PeeDee River
10 Little PeeDee River
11 Waccamaw River

(12 - 16 coastal)

12 Savannah River mouth - Broad River mouth
13 Broad River mouth - Combahee River mouth
14 Combahee River mouth -- Charleston Harbor
15 Charleston Harbor - Santee River mouth
16 Santee River mouth - North Carolina border

D : Present Environmental Systems
(Source: U.S. Army Corps of Engineers 1973:9)

1 Forested
2 Interspersed grasslands, croplands, woodlots, and orchards
3 Coastal and inland marsh
4 Riverine wetland

E : Major Coastal Physiographic Subdivisions
(Source: Craddock & Ellerbe 1966)

1 Carolina-Georgia Sandhills land resource area
2 Southern Coastal Plain land resource area
3 Atlantic Coastal Flatwoods land resource area

F : Side of River

1 NE side of river
2 SW side of river
3 Island within river or delta
4 Sea Island

APPENDIX III
(continued)

G : Drainage Environment

1 Main channel - site is located adjacent to one of the eleven major Coastal Plain drainages.
2 Tributary - site is located along a tributary of a major Coastal Plain drainage.

H : Associated Architectural Remains

0 No remains
1 Shell ring
2 Shell midden (ex ring)
3 Earthern mound

I : Major Soil Association Relationships
(Source: Craddock & Ellerbe 1971)

1 Site is on or within 500 feet of an ecotone between two major soil associations.
2 Site is not on an ecotone- site environs within one major soil association.
3 Site is on or within 500 feet of an ecotone involving three major soil associations.

J : Specific Drainage Environment

1 Adjacent a major channel (no immediate tributary)
2 At the confluence of a major channel and a tributary
3 In or at the edge of a swamp (no prominent drainage features)
4 Upland or flatwoods area (no prominent drainage features)
5 Along a tributary (no immediate confluences)
6 Along a tributary at the confluence or between (within 500 feet) of two or more tributaries
7 In the swamp of a major channel; a tributary is within 500 feet
8 Drainage altered- Lake Moultrie area

K : Specific Wetland Relationships

1 Adjacent a fresh water swamp
2 Within a fresh water swamp
3 Adjacent a tidal marshland
4 Within a tidal marshland
5 Adjacent a beach (no tidal marshlands near)
6 Adjacent a beach (tidal marshlands within 1000 feet)
7 None of the above

L : Geologic Rock Units Immediately Underlying Site Area
(Source:

1 Middendorf-Tuscaloosa Formations (Upper Cretaceous)
2 PeeDee-Black Creek Formations (Upper Cretaceous)
3 Cooper Marl Formation (Oligocene)
4 Hawthorn Formation (Miocene)
5 Waccamaw Formation (Pliocene) (No sites)
6 Pleistocene-Holocene sediments
7 Black Mingo Formation (Eocene)
8 Barnwell-McBean-Santee Formations (Eocene)

APPENDIX III
(continued)

M : Present Forest Cover
(Source: U.S. Army Corps of Engineers 1972)

1 Swamp and bottomland hardwoods
2 Hardwoods-pine mixture
3 Oak-hickory-scrub oak
4 Conifers
5 Unforested

APPENDIX III

Environmental-Archeological Associations

B. Codings for Individual Sites

APPENDIX III

CODINGS

ENVIRONMENTAL-ARCHEOLOGICAL ASSOCIATIONS

SITE #	C	D	E	F	G	H	I	J	K	L	M	# Sherds
38AK007	1	4	2	1	1	3	1	1	1	1	1	122
38AK014	1	2	1	1	2	0	2	5	7	7	3	67
38AK060	1	1	1	1	2	0	0	5	1	8	4	4
38AK063	1	1	1	1	2	0	0	5	1	8	4	5
38AK077	1	1	1	1	2	0	0	6	1	8	3	2
38AK088	1	1	1	1	2	0	0	5	1	8	4	46
38AK093	1	1	1	1	2	0	0	6	1	8	3	10
38AK105	1	1	1	1	2	0	0	5	1	8	2	1
38AK109	1	1	1	1	2	0	0	5	1	8	1	1
38AK110	1	1	1	1	2	0	0	5	1	8	1	2
38AK119	1	1	1	1	2	0	0	5	1	8	1	4
38AK129	1	1	1	1	2	0	0	5	1	8	1	3
38AK130	1	1	1	1	2	0	0	5	1	8	1	7
38AK134	1	1	1	1	2	0	0	6	1	8	1	5
38AK139	1	1	1	1	2	0	0	6	1	8	1	9
38AK140	1	1	1	1	2	0	0	6	1	8	1	0
38AK141	1	1	1	1	2	0	0	6	1	8	1	4
38AK142	1	1	1	1	2	0	0	6	1	8	1	7
38AK143	1	1	1	1	2	0	0	6	1	8	1	4
38AK144	1	1	1	1	2	0	0	6	1	8	1	5
38AK147	1	1	1	1	2	0	0	5	1	8	1	2
38AK148	1	1	1	1	2	0	0	5	1	8	1	7
38AK149	1	1	1	1	2	0	0	5	1	8	1	0
38AK153	1	1	1	1	2	0	0	6	1	8	1	4
38AK155	1	1	1	1	2	0	0	6	1	8	1	3
38AK156	1	1	1	1	2	0	0	6	1	8	1	4
38AK158	1	1	1	1	2	0	0	6	1	8	1	1
38AK164	1	1	1	1	2	0	0	6	1	8	1	1
38AK166	1	1	1	1	2	0	0	6	1	8	1	4
38AK171	1	1	1	1	2	0	0	6	1	8	1	0
38AL001	1	2	1	1	2	0	0	6	1	8	1	9
38AL002	1	2	1	1	2	0	0	6	1	8	1	9
38AL011	1	2	1	1	2	0	0	6	1	8	1	2
38AL012	1	2	1	1	2	0	0	6	1	8	1	9
38AL026	1	2	1	1	2	0	0	6	1	8	1	4
38AL037	1	2	1	1	2	0	0	6	1	8	1	3
38AL043	1	2	1	1	2	0	0	6	1	8	1	4
38AL046	1	2	1	1	2	0	0	6	1	8	1	4
38AL047	1	2	1	1	2	0	0	6	1	8	1	3
38AL048	1	2	1	1	2	0	0	6	1	8	1	3
38AL050	1	2	1	1	2	0	0	6	1	8	1	6
38AL052	1	2	1	1	2	0	0	6	1	8	1	7
38BR055	1	2	1	1	2	0	0	6	1	8	1	4
38BR058	1	2	1	1	2	0	0	6	1	8	1	4
38BR059	1	2	1	1	2	0	0	6	1	8	1	4
38BR077	1	2	1	1	2	0	0	6	1	8	1	4
38BR097	1	2	1	1	2	0	0	6	1	8	1	4
38BR109	1	2	1	1	2	0	0	6	1	8	1	4
38HA001	1	2	1	1	2	0	0	6	1	8	1	4
38HA002	1	2	1	1	2	0	0	6	1	8	1	4
38HA003	1	2	1	1	2	0	0	6	1	8	1	4
38JA005	1	2	1	1	2	0	0	6	1	8	1	4
38JA005	1	2	1	1	2	0	0	6	1	8	1	4
38JA026	1	2	1	1	2	0	0	6	1	8	1	4
38JA027	1	2	1	1	2	0	0	6	1	8	1	4
38JA029	1	2	1	1	2	0	0	6	1	8	1	4
38JA032	1	2	1	1	2	0	0	6	1	8	1	4
38JA033	1	2	1	1	2	0	0	6	1	8	1	4
38JA036	1	2	1	1	2	0	0	6	1	8	1	4
39CB001	1	2	1	1	2	0	0	6	1	8	1	4
38AL013	1	2	1	1	2	0	0	6	1	8	1	4

ENVIRONMENTAL-ARCHEOLOGICAL ASSOCIATIONS

SITE #	C	D	E	F	G	H	I	J	K	L	M	# Sherds
38AL022	2	2	1	1	2	0	2	6	1	4	1	2
38AL024	2	2	1	2	2	0	1	6	1	4	1	54
38AL058	2	2	1	1	2	0	1	5	1	4	1	59
38HA010	2	2	1	1	1	0	1	2	1	4	1	6
38HA011	2	2	1	1	1	0	1	2	1	4	1	97
38HA012	2	4	1	1	1	0	1	1	1	4	1	108
38HA013	2	4	1	1	1	0	1	1	1	4	1	5
38HA014	2	4	1	1	1	0	1	2	1	4	1	3
38HA016	2	4	1	1	1	0	1	5	1	4	2	7
38JA010	3	3	1	1	1	0	1	5	1	4	2	9
38JA020	3	4	1	1	1	0	1	5	1	4	2	17
38AL007	3	4	1	1	1	0	1	5	1	3	1	6
38AL009	3	2	1	1	1	0	2	5	1	4	1	2
38AL056	3	2	1	1	1	0	2	6	1	4	1	229
38AL070	3	2	1	1	1	0	2	5	1	3	1	14
38AL075	3	2	1	1	1	0	2	6	1	4	1	31
38AL076	3	2	1	1	1	0	2	6	1	4	1	33
38AL077	3	2	1	1	1	0	2	6	1	4	1	34
38AL078	3	2	1	1	1	0	2	2	1	3	1	60
38AL079	3	2	1	1	1	0	2	5	1	4	1	2
38AL080	3	2	1	1	1	0	2	5	1	3	1	9
38AL081	3	2	1	1	1	0	2	5	1	3	1	2
38AL082	3	2	1	1	1	0	2	5	1	4	1	8
38AL083	3	2	1	1	1	0	2	5	1	4	1	8
38AL084	3	2	1	1	1	0	2	5	1	4	1	8
38AL086	3	2	1	1	1	0	2	5	1	4	1	2
38BM006	3	2	1	1	1	0	2	5	1	4	1	50
38BM007	3	2	1	1	1	0	2	5	1	4	1	10
38BM008	3	2	1	1	1	0	2	5	1	4	1	4
38BM009	3	2	1	1	1	0	2	5	1	4	1	5
38BM013	3	2	1	1	1	0	2	5	1	4	1	3
38BM035	3	2	1	1	1	0	2	5	1	4	1	8
38BM039	3	2	1	1	1	0	2	5	1	4	1	8
38BR026	3	2	1	1	1	0	2	5	1	4	1	2
38CN006	3	2	1	1	1	0	2	5	1	4	1	4
38HA009	3	2	1	1	1	0	2	5	1	4	1	9
38HA015	3	2	1	1	1	0	2	5	1	4	1	2
38AK043	3	2	1	1	1	0	2	5	1	4	1	7
38AK044	3	2	1	1	1	0	2	5	1	4	1	8
38AK045	3	2	1	1	1	0	2	5	1	4	1	3
38BM004	3	2	1	1	1	0	2	5	1	4	1	95
38BM014	3	2	1	1	1	0	2	5	1	4	1	5
38BM015	3	2	1	1	1	0	2	5	1	4	1	20
38BM016	3	2	1	1	1	0	2	5	1	4	1	5
38BM017	3	2	1	1	1	0	2	5	1	4	1	7
38BM021	3	2	1	1	1	0	2	5	1	4	1	4
38BM022	3	2	1	1	1	0	2	5	1	4	1	3
38BM023	3	2	1	1	1	0	2	5	1	4	1	4
38BM024	3	2	1	1	1	0	2	5	1	4	1	8
38BM025	3	2	1	1	1	0	2	5	1	4	1	7
38BM026	3	2	1	1	1	0	2	5	1	4	1	4
38BM028	3	2	1	1	1	0	2	5	1	4	1	2
38BM030	3	2	1	1	1	0	2	5	1	4	1	4
38BM031	3	2	1	1	1	0	2	5	1	4	1	6
38BM033	3	2	1	1	1	0	2	5	1	4	1	2
38BM036	3	2	1	1	1	0	2	5	1	4	1	2
38BM037	3	2	1	1	1	0	2	5	1	4	1	2
38BM038	3	2	1	1	1	0	2	5	1	4	1	33
38BR003	3	2	1	1	1	0	2	5	1	4	1	79
38BR006	3	2	1	1	1	0	2	5	1	4	1	9
38LX017	4	4	4	4	4	0	2	6	7	8	3	276

ENVIRONMENTAL-ARCHEOLOGICAL ASSOCIATIONS

SITE #	C	D	E	F	G	H	I	J	K	L	M	# Sherds
38LX018	4	1	1	1	2	0	2	6	7	8	3	57
38LX036	4	1	1	1	2	0	2	6	7	8	2	28
38LX085	4	1	1	1	2	0	2	6	7	8	2	33
38LX086	4	4	1	1	2	0	2	6	7	8	3	31
38OR011	4	4	1	1	2	0	2	6	7	8	1	43
38OR024	4	4	1	1	2	0	2	6	7	8	3	32
38OR028	4	2	1	1	2	0	2	6	7	8	1	14
38OR030	4	2	1	1	2	0	2	6	7	8	5	69
38OR033	4	2	1	1	2	0	2	6	7	8	3	53
38OR042	4	4	1	1	2	0	2	6	7	8	5	25
38OR043	4	4	1	1	2	0	2	6	7	8	1	10
38OR050	4	4	1	1	2	0	2	6	7	8	1	14
38OR051	4	4	1	1	2	0	2	6	7	8	4	9
38OR060	4	2	1	1	2	0	2	6	7	8	4	2
38OR063	4	4	1	1	2	0	2	6	7	8	1	5
38OR064	4	4	1	1	2	0	2	6	7	8	1	3
38OR065	4	2	1	1	2	0	2	6	7	8	4	3
38OR066	4	4	1	1	2	0	2	6	7	8	1	1
38OR071	4	4	1	1	2	0	2	6	7	8	1	4
38OR072	4	4	1	1	2	0	2	6	7	8	4	4
38OR073	4	4	1	1	2	0	2	6	7	8	4	6
38BK035	5	2	1	1	2	0	2	6	7	8	1	1
38BK042	5	2	1	1	2	0	2	6	7	8	2	2
38CH031	5	2	1	1	2	0	2	6	7	8	4	4
38CH047	5	2	1	1	2	0	2	6	7	8	4	4
38CH142	5	2	1	1	2	0	2	6	7	8	4	4
38DR006	5	3	1	1	2	0	2	6	7	8	4	4
38BK010	6	4	1	1	2	0	2	6	7	8	4	4
38BK040	6	4	1	1	2	0	2	6	7	8	4	4
38BK045	6	4	1	1	2	0	2	6	7	8	4	4
38BK076	6	4	1	1	2	0	2	6	7	8	4	4
38BK081	6	4	1	1	2	0	2	6	7	8	4	4
38BK084	6	4	1	1	2	0	2	6	7	8	4	4
38BK109	6	4	1	1	2	0	2	6	7	8	4	4
38BK113	6	4	1	1	2	0	2	6	7	8	4	4
38BK132	6	4	1	1	2	0	2	6	7	8	4	4
38CL004	6	4	1	1	2	0	2	6	7	8	4	4
38CL009	6	4	1	1	2	0	2	6	7	8	4	4
38CL010	6	4	1	1	2	0	2	6	7	8	4	4
38CL016	6	4	1	1	2	0	2	6	7	8	4	4
38CL018	6	4	1	1	2	0	2	6	7	8	4	4
38CL021	6	4	1	1	2	0	2	6	7	8	4	4
38CR001	6	4	1	1	2	0	2	6	7	8	4	4
38CR002	6	4	1	1	2	0	2	6	7	8	4	4
38CR003	6	4	1	1	2	0	2	6	7	8	4	4
38CR004	6	4	1	1	2	0	2	6	7	8	4	4
38CR005	6	4	1	1	2	0	2	6	7	8	4	4
38CR006	6	4	1	1	2	0	2	6	7	8	4	4
38CR008	6	4	1	1	2	0	2	6	7	8	4	4
38CR019	6	4	1	1	2	0	2	6	7	8	4	4
38CR021	6	4	1	1	2	0	2	6	7	8	4	4
38CR024	6	4	1	1	2	0	2	6	7	8	4	4
38CR025	6	4	1	1	2	0	2	6	7	8	4	4
38GE024	6	4	1	1	2	0	2	6	7	8	4	4
38GE029	6	4	1	1	2	0	2	6	7	8	4	4
38KE012	6	4	1	1	2	0	2	6	7	8	4	4
38KE018	6	4	1	1	2	0	2	6	7	8	4	4
38LX002	6	4	1	1	2	0	2	6	7	8	4	4
38LX021	6	4	1	1	2	0	2	6	7	8	4	4
38LX068	6	4	1	1	2	0	2	6	7	8	4	4
38LX076	6	4	1	1	2	0	2	6	7	8	4	4

ENVIRONMENTAL-ARCHEOLOGICAL ASSOCIATIONS

SITE #	C	D	E	F	G	H	I	J	K	L	M	# Sherds
38OR007	6	4	3	2	1	0	1	1	1	8	3	27
38OR009	6	4	3	2	1	0	1	1	1	8	4	96
38OR010	6	2	3	2	1	0	1	1	1	8	3	26
38OR018	6	4	3	2	1	0	1	1	1	8	4	54
38OR019	6	4	3	2	2	0	1	4	7	8	4	47
38OR020	6	4	3	2	1	0	1	1	1	8	3	68
38OR023	6	2	3	1	2	0	1	5	1	8	4	71
38OR025	6	2	3	1	2	0	2	4	7	8	4	16
38OR035	6	2	3	2	1	0	1	1	1	8	4	15
38OR036	6	4	3	2	1	0	1	1	1	8	3	37
38OR037	6	4	3	2	1	0	1	1	1	8	3	80
38OR038	6	4	3	2	1	0	1	1	1	8	3	56
38OR040	6	4	3	2	1	0	1	1	1	8	3	181
38RD001	6	2	1	1	2	0	2	5	7	1	2	89
38RD018	6	2	1	1	2	0	2	2	7	1	4	1
38RD052	6	2	2	1	2	0	2	5	7	1	1	12
38RD080	6	1	1	1	2	0	1	5	7	1	2	297
38SU001	6	4	2	1	2	0	1	5	1	1	1	17
38LE003	7	4	2	1	2	0	2	5	7	7	1	11
38SU002	7	4	2	2	1	0	1	3	1	4	1	4
38SU007	7	4	2	2	2	0	1	5	1	4	1	3
38WG043	7	4	3	2	2	0	1	5	1	7	4	37
38FL003	8	2	2	1	2	0	1	5	7	4	4	1
38FL005	8	4	2	1	2	0	2	5	7	4	1	12
38LE001	8	4	2	2	1	0	1	1	1	4	1	134
38LE002	8	4	2	2	1	0	1	5	7	4	1	32
38LE004	8	4	2	1	1	0	1	1	7	7	1	9
38LE007	8	4	2	1	1	0	1	3	7	7	1	4
38LE009	8	4	2	1	1	0	1	3	7	7	1	3
38LE011	8	4	2	1	2	0	1	1	7	7	1	65
38CT003	9	1	1	2	2	0	2	6	7	1	3	00
38DA001	9	2	2	2	2	0	2	5	7	2	4	94
38DA002	9	2	2	2	2	0	2	5	7	2	4	38
38DA003	9	2	2	2	2	0	1	5	1	2	1	52
38DA008	9	1	2	2	2	0	1	3	1	2	1	13
38FL001	9	2	2	2	2	0	1	5	7	2	1	338
38FL002	9	2	2	2	2	0	1	5	7	2	4	126
38FL004	9	4	2	2	2	0	1	3	7	2	1	7
38FL006	9	1	2	2	2	0	1	5	7	2	1	3
38FL007	9	2	2	2	2	0	2	5	1	2	2	3
38FL016	9	4	2	2	2	0	1	1	1	2	1	29
38FL017	9	4	2	2	2	0	1	2	1	2	1	7
38FL019	9	2	2	2	2	0	2	6	1	2	1	8
38FL024	9	2	2	2	2	0	2	6	1	2	1	9
38FL029	9	2	2	2	2	0	1	5	1	2	1	9
38FL030	9	2	2	2	2	0	1	5	1	2	1	26
38GE020	9	4	3	2	1	0	1	2	1	6	1	215
38MA001	9	4	3	1	2	0	1	0	1	0	2	261
38MA029	9	2	2	1	2	0	1	6	1	2	2	30
38MA032	9	4	3	1	2	0	1	5	1	2	1	25
38MA034	9	4	3	1	2	0	1	6	1	2	1	118
38MA036	9	4	3	1	2	0	1	6	1	2	1	84
38MA037	9	4	3	1	2	0	1	6	1	2	1	50
38MA038	9	4	3	1	2	0	1	6	1	2	1	10
38MA040	9	4	3	1	2	0	1	6	1	2	2	11
38MA042	9	2	2	1	2	0	2	5	1	2	1	21
38MA043	9	4	3	1	2	0	1	5	1	2	1	5
38MA044	9	4	3	1	2	0	1	3	1	2	1	51
38MA045	9	4	3	1	2	0	1	5	1	2	1	75
38ML001	9	1	2	1	2	0	1	5	2	1	1	2
38ML002	9	2	2	1	2	0	1	5	1	2	1	3

ENVIRONMENTAL-ARCHEOLOGICAL ASSOCIATIONS

SITE #	C	D	E	F	G	H	I	J	K	L	M	# Sherds
38ML004	9	14	2	11	11	6	2	2	2	2	1	7
38MZ002	10	14	2	11	11	6	2	2	2	2	1	46
38GE007	11	14	2	11	11	6	2	2	2	2	1	6
38HR007	11	14	2	11	11	6	2	2	2	2	1	25
38HR008	11	14	2	11	11	6	2	2	2	2	1	105
38BU002	11	14	2	11	11	6	2	2	2	2	1	5
38BU007	11	14	2	11	11	6	2	2	2	2	1	5
38BUA08	11	14	2	11	11	6	2	2	2	2	1	16
38BU009	11	14	2	11	11	6	2	2	2	2	1	58
38BU010	11	14	2	11	11	6	2	2	2	2	1	4
38BU021	11	14	2	11	11	6	2	2	2	2	1	3
38BU027	11	14	2	11	11	6	2	2	2	2	1	4
38BU037	11	14	2	11	11	6	2	2	2	2	1	5
38BU045	11	14	2	11	11	6	2	2	2	2	1	7
38BU048	11	14	2	11	11	6	2	2	2	2	1	1
38BU062	11	14	2	11	11	6	2	2	2	2	1	1
38BU063	11	14	2	11	11	6	2	2	2	2	1	1
38BU067	11	14	2	11	11	6	2	2	2	2	1	1
38BU068	11	14	2	11	11	6	2	2	2	2	1	1
38JA023	11	14	2	11	11	6	2	2	2	2	1	1
38BU023	11	14	2	11	11	6	2	2	2	2	1	1
38BU025	11	14	2	11	11	6	2	2	2	2	1	1
38BU026	11	14	2	11	11	6	2	2	2	2	1	1
38BU028	11	14	2	11	11	6	2	2	2	2	1	1
38BU029	11	14	2	11	11	6	2	2	2	2	1	1
38BU031	11	14	2	11	11	6	2	2	2	2	1	1
38BU032	11	14	2	11	11	6	2	2	2	2	1	1
38BU039	11	14	2	11	11	6	2	2	2	2	1	1
38BU040	11	14	2	11	11	6	2	2	2	2	1	1
38BU041	11	14	2	11	11	6	2	2	2	2	1	1
38BU042	11	14	2	11	11	6	2	2	2	2	1	1
38BU043	11	14	2	11	11	6	2	2	2	2	1	1
38BU044	11	14	2	11	11	6	2	2	2	2	1	1
38BU046	11	14	2	11	11	6	2	2	2	2	1	1
38CH007	11	14	2	11	11	6	2	2	2	2	1	1
38CH014	11	14	2	11	11	6	2	2	2	2	1	1
38CH016	11	14	2	11	11	6	2	2	2	2	1	1
38CH018	11	14	2	11	11	6	2	2	2	2	1	1
38CH023	11	14	2	11	11	6	2	2	2	2	1	1
38CH024	11	14	2	11	11	6	2	2	2	2	1	1
38CH025	11	14	2	11	11	6	2	2	2	2	1	1
38CH026	11	14	2	11	11	6	2	2	2	2	1	1
38BK004	11	14	2	11	11	6	2	2	2	2	1	1
38CH002	11	14	2	11	11	6	2	2	2	2	1	1
38CH003	11	14	2	11	11	6	2	2	2	2	1	1
38CH005	11	14	2	11	11	6	2	2	2	2	1	1
38CH009	11	14	2	11	11	6	2	2	2	2	1	1
38CH022	11	14	2	11	11	6	2	2	2	2	1	1
38CH027	11	14	2	11	11	6	2	2	2	2	1	1
38CH030	11	14	2	11	11	6	2	2	2	2	1	1
38CH031	11	14	2	11	11	6	2	2	2	2	1	1
38CH032	11	14	2	11	11	6	2	2	2	2	1	1
38CH033	11	14	2	11	11	6	2	2	2	2	1	1
38GE005	11	14	2	11	11	6	2	2	2	2	1	63

ENVIRONMENTAL-ARCHEOLOGICAL ASSOCIATIONS

SITE #	C	D	E	F	G	H	I	J	K	L	M	# Sherds
38GE012	16	1	3	0	1	2	1	2	1	6	4	13
38GE013	16	1	3	0	1	2	1	2	1	6	4	14
38GE017	16	3	3	4	2	2	2	6	4	6	4	67
38GE046	16	3	3	4	2	2	2	3	2	6	5	231
38GE047	16	3	3	4	1	0	3	1	1	6	4	6
38HR005	16	3	3	1	2	2	1	1	5	6	1	100
38HR012	16	2	3	4	2	0	1	2	5	6	4	84
38HR022	16	2	3	4	2	2	1	5	5	6	4	68

APPENDIX IV

Archeological-Environmental Associations
Statistical Analysis of Distribution

TABLES

A Major Ceramic Categories: Occurrence by Coastal Sectors
B Major Ceramic Categories: Occurrence by Inland River Drainages
C Major Ceramic Categories: Occurrence by Present Environmental Systems
D Major Ceramic Categories: Occurrence by Major Coastal Plain Physiographic Subdivisions
E Major Ceramic Categories: Occurrence by Side of River
F Major Ceramic Categories: Occurrence by Drainage Environment
G Major Ceramic Categories: Occurrence by Associated Architectural Remains
H Major Ceramic Categories: Occurrence by Major Soil Association Relatonships
I Major Ceramic Categories: Occurrence by Specific Drainage Environment
J Major Ceramic Categories: Occurrence by Specific Wetlands Relationships
K Major Ceramic Categories: Occurrence by Geologic Rock Units Underlying Site Area
L Major Ceramic Categories: Occurrence by Present Forest Cover

STATISTICS

All of the tables (A-L) list the occurrence of major ceramic categories by major environmental or archeological associations. In each table a value for X^2 (Chi-Square) and the corresponding significance level (Chi Square test of significance) is provided. Where an asterik (*) occurs after the value for X^2 it indicates that the contingency table used to compute the X^2 has frequencies below 5 in 20% or more of the discrete cells. The asterik indicates that the X^2 value is "uncorrected", that is, Yates correction for continuity has not been employed.

The X^2 values were computed using 2xN tables, where the rows (2) represented the frequency (of presence or absence) of major ceramic variables. The column figure (N) varied, depending upon the number of environmental or archeological variables under consideration. Row figures reflecting presence of a major ceramic variable are given in each table; figures reflecting absence were obtained by subtracting the "presence" row figures from the "Total Sites/Code Unit" figures. The resulting 2xN tables from which each X^2 value was obtained reflect the extent to which ceramic variables are (or are not) uniformly present or absent with respect to the environmental or archeological categories investigated. A significant X^2 value would therefore indicate that in the data set (and hopefully in the "real world") an uneven distribution is apparent. By inspecting the original occurrence values in the table one may then determine which environmental or archeological variables are "over or under selected" by particular major ceramic categories (i.e. prehistoric populations).

Tables A & B, which delimit the occurrence of major ceramic categories by particular coastal sectors or inland drainages, respectively, gives (along with the X^2 and significance level) the computed value of Gamma for each contingency table. Gamma is a measure of association that may be used to correlate

APPENDIX IV
(continued)

STATISTICS

two ordinal scales. In Tables A and B the coastal sectors and drainages are arranged from south to north geographically, going from left to right across the table. The value for Gamma therefore reflects the extent to which one variable (presence of major ceramic variables) varies with respect to the other variable (absence of the major ceramic variable), going from left to right across the table. A high positive value for Gamma would indicate that going from left to right across the table (north to south), the "presence" figures would increase while the "absence" figures would decrease. Thus, the measure indicates how major ceramic variables are distributed with respect to direction. A high positive value, as stated, would indicate that the variable became more frequent (appeared on a higher proportion of sites) as one moved north; a high negative value would indicate that the variable became less frequent as one moved north. A low figure for Gamma (near zero) would indicate a relatively uniform distribution.

In Tables C-M, which delimit the occurrence of major ceramic variables against major environmental categories, the Contingency Coefficient C is given in addition to the X^2 and significance values. The Contingency coefficient varies between 0 and 1, with an upper limit less than one; this upper limit varies according to the number of rows and columns. The Contingency coefficient is a measure of association that gives some indication of the strength of the relationship between the variables. The higher the value of C (between 0 and some value below 1), the stronger the observed relationship between the variables.

Table A. Major Ceramic Categories: Occurrence by Coastal Sectors

TOTAL SITES/CODE UNIT	Savannah River-Broad River 15	Broad River-Combahee River 14	Combahee River-Charleston Harbor 10	Charleston Harbor-Santee River 16	Santee River-N.C. Border 9	TOTAL 64	X^2 (df=4) -	Sig. -	Gamma -
FIBER TEMPERED - ALL	10	6	6	1	0	23	20.13*	0.0005	-0.690
NON-DECORATED	8	4	5	1	0	18	14.39*	0.0061	-0.610
DECORATED	7	5	5	0	0	17	15.57*	0.0037	-0.629
LIN. SEP. PUNCT.	6	5	5	0	0	16	14.32*	0.0063	-0.581
DRAG & JAB	4	4	2	0	0	10	7.94*	0.0937	-0.609
PUNCTATED (SAND)	3	5	7	6	4	25	6.50	0.1646	0.228
LIN. SEP. PUNCT.	2	4	7	6	4	23	9.00*	0.0611	0.332
DRAG & JAB	1	3	5	3	0	12	9.99*	0.0406	0.002
FINGER PINCHED	0	1	2	7	0	10	14.95*	0.0048	0.442
DENTATE STAMPED	0	1	0	1	1	3	2.34*	0.6740	0.442
LINEAR CHECK	3	6	4	1	5	19	9.44*	0.0509	0.076
CHECK STAMPED	5	7	1	5	7	25	10.54*	0.0323	0.193
CORD (SAND) - ALL	5	7	4	8	7	31	4.79*	0.3099	0.311
THIN	5	6	3	6	6	26	3.42*	0.4897	0.198
THICK	3	3	3	7	4	20	3.41*	0.4913	0.332
CROSS	5	5	3	6	6	25	3.52*	0.4756	0.227
PARALLEL	2	5	3	7	5	22	5.45*	0.2439	0.399

* (uncorrected)

Table A. (continued)

	Savannah-Broad R.	Broad-Combahee R.	Combahee-Cha. Harbor	Cha. Harbor-Santee R.	Santee R.-N.C. Border		X^2 (df=4)	Sig.	Gamma
TOTAL SITES/CODE UNIT	15	14	10	16	9	64	-	-	-
FABRIC (SAND) - ALL	2	4	3	4	8	21	16.01*	0.0030	0.518
LOOSE	1	4	3	3	6	17	11.05*	0.0260	0.454
RIGID	0	1	2	2	7	12	25.70*	0.0001	0.783
SHERD TEMPERED - ALL	7	9	5	6	4	31	2.26*	0.6880	-0.126
CORD (SHERD) - ALL	7	8	3	4	4	26	3.95*	0.4125	-0.190
THIN	5	7	3	2	3	20	4.96*	0.2909	-0.207
THICK	5	7	3	2	3	19	5.63*	0.2282	-0.219
CROSS	6	7	2	3	1	19	6.39	0.1721	-0.408
PARALLEL	6	6	2	3	4	21	3.72*	0.4446	-0.132
FABRIC (SHERD)- ALL	2	4	5	2	4	17	7.29*	0.1214	0.185
LOOSE	2	4	3	2	4	15	4.58*	0.3333	0.190
RIGID	0	2	2	2	3	9	5.54	0.2358	0.472
COMP. STAMPED - ALL	4	6	2	8	1	21	5.71*	0.2220	-0.018
SIMPLE STAMPED- ALL	5	5	5	10	2	27	5.15*	0.2722	0.106
THIN	4	2	2	7	2	17	3.81*	0.4320	0.144
THICK	3	3	5	7	1	19	6.11*	0.1909	0.113
CROSS	4	2	4	7	2	19	3.92*	0.4167	0.146
PARALLEL	3	4	3	7	2	19	2.44*	0.6555	0.154
PLAIN (SAND) - ALL	10	10	10	14	9	53	8.21*	0.0841	0.570

* (uncorrected)

Table B. Major Ceramic Categories: Occurrence by Inland River Drainages

	Savannah R.	Coosawatchie R.	Salkahatchie R.	Edisto R.	Ashley, Cooper R.	Santee R.	Black R.	Lynches R.	PeeDee R.	Little PeeDee R.	Waccamaw R.	TOTALS	X^2 (df=10)	Sig.	Gamma
TOTAL SITES/CODE UNIT	60	12	26	45	6	52	4	8	32	1	3	249	-	-	-
FIBER TEMPERED - ALL	8	6	8	20	1	8	0	1	6	1	0	59	28.12*	0.0017	-0.051
NON-DECORATED	7	5	6	17	1	8	0	1	6	1	0	52	21.15*	0.0201	-0.0002
DECORATED	3	1	3	5	0	1	0	0	0	0	0	13	9.61*	0.4753	-0.335
LIN. SEP. PUNCT.	3	1	1	1	0	0	0	0	0	0	0	6	6.35*	0.7846	-0.639
DRAG & JAB	1	1	2	3	0	0	0	0	0	0	0	7	9.41*	0.4938	-0.337
PUNCTATED (SAND)	5	4	10	18	2	25	0	0	8	0	0	72	32.42*	0.0003	0.177
LIN. SEP. PUNCT.	4	3	7	14	2	24	0	0	8	0	0	62	29.75*	0.0009	0.243
DRAG & JAB	0	0	7	5	1	6	0	0	1	0	0	20	23.34*	0.0096	0.067
FINGER PINCHED	0	0	0	0	1	0	0	0	0	0	0	1	40.66*	0.0001	0.177
DENTATE STAMPED	0	0	0	7	1	9	0	0	1	0	0	18	23.01*	0.0107	0.319
LINEAR CHECK	27	5	19	32	3	34	2	5	14	1	1	143	16.62*	0.0832	0.054
CHECK STAMPED	19	3	6	7	2	16	1	2	11	0	1	68	5.66*	0.8427	0.026
CORD (SAND) - ALL	45	10	21	23	4	23	4	7	24	1	2	164	27.05*	0.0026	-0.124
THIN	35	8	17	22	4	18	4	5	22	1	2	138	18.70*	0.0443	-0.021
THICK	33	9	14	15	2	16	2	3	17	1	1	113	17.09*	0.0723	-0.150
CROSS	35	8	9	17	4	17	1	3	15	1	2	112	15.65*	0.1100	-0.153
PARALLEL	34	8	21	20	3	19	3	7	22	1	1	139	24.86*	0.0056	-0.030

* (uncorrected)

Table B. (continued)

	Savannah R.	Coosawatchie	Salkehatchie	Edisto	Ashley-Cooper	Santee	Black	Lynches	PeeDee	Little PeeDee	Waccamaw	TOTALS	X^2 (df=10)	Sig.	Gamma
TOTAL SITES/CODE UNIT	60	12	26	45	6	52	4	8	32	1	3	249	-	-	-
FABRIC (SAND) - ALL	7	4	10	16	2	26	0	4	15	1	1	86	26.60*	0.0030	0.357
LOOSE	5	4	6	8	2	20	0	0	14	1	1	61	29.36*	0.0011	0.363
RIGID	3	2	7	13	2	17	0	4	9	1	0	58	24.45*	0.0065	0.331
SHERD TEMPERED - ALL	2	2	0	1	3	10	1	4	17	1	2	43	70.23*	0.0001	0.707
CORD (SHERD) - ALL	2	2	0	1	3	4	1	4	11	0	2	30	56.43*	0.0001	0.596
THIN	1	1	0	1	2	1	1	3	9	0	2	21	55.38*	0.0001	0.663
THICK	1	2	0	1	3	4	1	1	8	0	1	22	36.56*	0.0001	0.525
CROSS	0	2	0	0	2	0	1	1	7	0	2	15	58.93*	0.0001	0.647
PARALLEL	2	2	0	1	3	4	1	4	10	0	1	28	47.99*	0.0001	0.554
FABRIC (SHERD)- ALL	0	1	0	1	1	6	0	3	14	1	2	29	69.68*	0.0001	0.812
LOOSE	0	1	0	1	1	5	0	1	11	1	1	22	50.27*	0.0001	0.758
RIGID	0	1	0	1	1	4	0	2	8	1	2	20	51.53*	0.0001	0.744
COMP. STAMPED - ALL	14	2	5	3	2	32	1	2	7	0	2	70	44.81*	0.0001	0.229
SIMPLE STAMPED- ALL	24	8	17	20	2	26	1	2	8	0	2	110	16.60*	0.0837	-0.125
THIN	17	7	14	16	0	19	0	1	7	0	0	81	19.94*	0.0298	-0.150
THICK	19	4	11	12	2	17	1	1	4	0	2	73	10.79*	0.3745	-0.146
CROSS	15	5	13	11	1	15	1	1	4	0	0	66	14.87*	0.1369	-0.179
PARALLEL	23	6	15	17	2	21	0	1	7	0	2	94	15.08*	0.1292	-0.167
PLAIN (SAND) - ALL	44	11	18	37	3	46	2	7	29	1	3	201	16.58*	0.0843	0.246

* (uncorrected)

Table C. Major Ceramic Categories: Occurrence by Present Environmental System

	Forested	Grassland-woodlot-orchard-cropland	Coastal marsh	Riverine wetland	TOTALS	X^2 (df=3)	Sig.	Contingency coefficient
TOTAL SITES/CODE UNIT	35	107	60	110	312	-	-	-
FIBER TEMPERED - ALL	3	26	25	28	82	13.25	0.0041	0.202
NON-DECORATED	2	23	21	24	70	11.14	0.0110	0.186
DECORATED	1	7	16	6	30	25.27	0.0001	0.274
LIN. SEP. PUNCT.	1	5	15	1	22	37.69*	0.0001	0.328
DRAG & JAB	1	4	10	2	17	18.53*	0.0003	0.237
PUNCTATED (SAND)	9	30	23	34	96	2.41	0.4923	0.088
LIN. SEP. PUNCT.	9	25	21	29	84	2.72	0.4366	0.093
DRAG & JAB	1	14	11	6	32	10.02	0.0184	0.176
FINGER PINCHED	0	3	8	0	11	22.43*	0.0001	0.259
DENTATE STAMPED	1	5	4	11	21	3.43*	0.3298	0.104
LINEAR CHECK	19	63	16	64	162	19.21	0.0003	0.241
CHECK STAMPED	12	29	19	33	93	0.81	0.8469	0.051
CORD (SAND) - ALL	24	74	29	67	194	7.79	0.0505	0.156
THIN	22	60	24	57	163	5.82	0.1206	0.135
THICK	17	48	18	50	133	5.00	0.1722	0.126
CROSS	16	48	23	49	136	0.85	0.8376	0.052
PARALLEL	21	60	20	60	161	10.25	0.0166	0.178

* (uncorrected)

Table C. (continued)

	Forested	Grassland-woodlot-orchard cropland	Coastal marsh	Riverine wetland	TOTALS	X^2 (df=3)	Sig.	Contingency coefficient
TOTAL SITES/CODE UNIT	35	107	60	110	312	-	-	-
FABRIC (SAND) - ALL	9	34	16	48	107	7.25	0.0642	0.151
LOOSE	5	27	14	32	78	3.22	0.3594	0.101
RIGID	6	21	8	35	70	9.47	0.0237	0.172
SHERD TEMPERED - ALL	5	16	27	26	74	21.28	0.0001	0.253
CORD (SHERD) - ALL	3	12	22	19	56	19.69	0.0002	0.244
THIN	1	10	17	13	41	16.89	0.0007	0.227
THICK	2	9	16	14	41	13.42	0.0038	0.203
CROSS	0	7	15	12	34	18.66	0.0003	0.238
PARALLEL	3	11	18	17	49	12.99	0.0047	0.204
FABRIC (SHERD)- ALL	2	12	13	19	46	6.18	0.1033	0.139
LOOSE	1	11	11	14	37	5.45	0.1414	0.131
RIGID	1	7	7	14	29	4.62	0.2019	0.121
COMP. STAMPED - ALL	7	24	18	41	90	7.32	0.0622	0.151
SIMPLE STAMPED- ALL	14	42	28	52	136	1.84	0.6063	0.077
THIN	12	32	17	36	97	0.59	0.8993	0.043
THICK	7	29	20	36	92	2.79	0.4252	0.094
CROSS	8	27	21	28	84	2.56	0.4647	0.090
PARALLEL	13	35	19	46	113	2.61	0.4550	0.091
PLAIN (SAND) - ALL	25	81	49	98	253	8.76	0.0326	0.165

Table D. Major Ceramic Categories: Occurrence by Major Coastal Plain Physiographic Subdivisions

	Sandhills	Southern Coastal Plain	Atlantic Flatwoods	TOTALS	X^2 (df=2)	Sig.	Contingency coefficient
TOTAL SITES/CODE UNIT	72	61	180	313	-	-	-
FIBER TEMPERED - ALL	12	8	62	82	15.11	0.0005	0.215
NON-DECORATED	9	7	54	70	14.23	0.0008	0.209
DECORATED	5	2	23	30	5.50*	0.0641	0.131
LIN. SEP. PUNCT.	5	0	17	22	6.22*	0.0446	0.140
DRAG & JAB	4	2	11	17	0.71*	0.6996	0.048
PUNCTATED (SAND)	17	16	64	97	4.23	0.1204	0.116
LIN. SEP. PUNCT.	16	14	55	85	2.48	0.2890	0.089
DRAG & JAB	4	3	25	32	6.21*	0.0447	0.140
FINGER PINCHED	0	0	11	11	8.42*	0.0148	0.162
DENTATE STAMPED	2	3	16	21	3.46*	0.1776	0.105
LINEAR CHECK	38	33	91	162	0.27	0.8746	0.029
CHECK STAMPED	17	14	62	93	4.55	0.1029	0.120
CORD (SAND) - ALL	50	38	107	195	2.19	0.3346	0.083
THIN	41	31	92	164	0.78	0.6780	0.050
THICK	38	20	75	133	5.52	0.0633	0.132
CROSS	38	20	79	137	5.36	0.0684	0.130
PARALLEL	40	31	90	161	0.65	0.7236	0.045

* (uncorrected)

Table D. (continued)

	Sandhills	Southern Coastal Plain	Atlantic Flatwoods	TOTALS	X^2 (df=2)	Sig.	Contingency coefficient
TOTAL SITES/CODE UNIT	72	61	180	313	-	-	-
FABRIC (SAND) - ALL	13	21	73	107	11.57	0.0031	0.189
LOOSE	8	11	59	78	14.82	0.0006	0.213
RIGID	7	17	46	70	8.75	0.0126	0.167
SHERD TEMPERED - ALL	1	15	58	74	27.12	0.0001	0.282
CORD (SHERD) - ALL	1	9	46	56	20.95	0.0001	0.250
THIN	0	7	34	41	16.30	0.0003	0.222
THICK	1	4	36	41	18.50*	0.0001	0.236
CROSS	0	2	32	34	21.29*	0.0001	0.252
PARALLEL	1	9	39	49	16.06	0.0003	0.221
FABRIC (SHERD)- ALL	0	11	35	46	16.18	0.0003	0.222
LOOSE	0	7	30	37	13.71	0.0011	0.205
RIGID	0	7	22	29	9.58	0.0083	0.172
COMP. STAMPED - ALL	17	20	54	91	1.52	0.4666	0.070
SIMPLE STAMPED- ALL	26	22	89	137	5.54	0.0626	0.132
THIN	21	14	63	98	3.28	0.1944	0.102
THICK	19	11	62	92	6.32	0.0424	0.141
CROSS	19	7	59	85	10.48	0.0053	0.180
PARALLEL	24	19	70	113	1.49	0.4737	0.069
PLAIN (SAND) - ALL	52	51	151	254	4.88	0.0874	0.124

* (uncorrected)

Table E. Major Ceramic Categories: Occurrence by Side of River

	NE Side	SW Side	Island in River	Sea Island	TOTALS	χ^2 (df=3)	Sig.	Contingency coefficient
TOTAL SITES/CODE UNIT	149	98	3	59	309	-	-	-
FIBER TEMPERED - ALL	26	32	2	22	82	14.17*	0.0027	0.209
NON-DECORATED	24	26	2	18	70	9.88*	0.0196	0.176
DECORATED	3	10	1	16	30	32.40*	0.0001	0.308
LIN. SEP. PUNCT.	3	3	1	15	22	41.33*	0.0001	0.343
DRAG & JAB	1	5	1	10	17	26.06*	0.0001	0.279
PUNCTATED (SAND)	34	39	0	24	97	12.03*	0.0073	0.194
LIN. SEP. PUNCT.	30	33	0	22	85	9.90*	0.0194	0.176
DRAG & JAB	7	13	0	12	32	12.71*	0.0053	0.199
FINGER PINCHED	0	0	0	11	11	48.33*	0.0001	0.368
DENTATE STAMPED	8	9	1	3	21	4.97*	0.1741	0.126
LINEAR CHECK	80	64	0	16	160	24.99*	0.0001	0.274
CHECK STAMPED	42	28	2	19	91	2.37*	0.5000	0.087
CORD (SAND) - ALL	100	65	2	26	193	10.54*	0.0145	0.182
THIN	83	56	1	22	162	7.38*	0.0608	0.153
THICK	68	46	1	17	132	6.00*	0.1115	0.138
CROSS	70	43	1	22	136	1.75*	0.6249	0.075
PARALLEL	84	55	2	18	159	12.94*	0.0048	0.200

* (uncorrected)

Table E. (continued)

	NE Side	SW Side	Island in River	Sea Island	TOTALS	X^2 (df=3)	Sig.	Contingency coefficient
TOTAL SITES/CODE UNIT	149	98	3	59	309	-	-	-
FABRIC (SAND) - ALL	45	43	0	17	105	7.47*	0.0582	0.154
LOOSE	32	31	0	15	78	4.25*	0.02353	0.117
RIGID	31	29	0	8	68	6.71*	0.0817	0.146
SHERD TEMPERED - ALL	27	17	1	29	74	25.85*	0.0001	0.278
CORD (SHERD) - ALL	19	11	1	25	56	29.89*	0.0001	0.297
THIN	15	5	0	21	41	33.02*	0.0001	0.311
THICK	13	9	1	18	41	20.38*	0.0001	0.249
CROSS	12	3	1	18	34	32.09*	0.0001	0.307
PARALLEL	17	11	1	20	49	18.86*	0.0003	0.240
FABRIC (SHERD)- ALL	19	11	0	16	46	9.07*	0.0284	0.169
LOOSE	14	8	0	15	37	12.82*	0.0050	0.200
RIGID	14	7	0	8	29	2.10*	0.5521	0.082
COMP. STAMPED - ALL	38	31	2	19	90	3.56*	0.3125	0.107
SIMPLE STAMPED- ALL	63	48	2	24	137	2.04*	0.5648	0.081
THIN	45	38	1	14	98	4.15*	0.2452	0.115
THICK	42	32	2	16	92	2.72*	0.4369	0.093
CROSS	34	33	2	16	85	5.82*	0.1206	0.136
PARALLEL	57	38	2	16	113	3.83*	0.2802	0.111
PLAIN (SAND) - ALL	121	82	2	47	252	0.89	0.8286	0.054

* (uncorrected)

Table F. Major Ceramic Categories: Occurrence by Drainage Environment

	Main channel	Tributary	TOTALS	X^2 (df=1)	Sig.	Contingency coefficient
TOTAL SITES/CODE UNIT	146	167	313	-	-	-
FIBER TEMPERED - ALL	43	39	82	1.20	0.2734	0.069
NON-DECORATED	36	34	70	0.60	0.4387	0.051
DECORATED	15	15	30	0.04	0.8455	0.022
LIN. SEP. PUNCT.	11	11	22	0.01	0.9160	0.018
DRAG & JAB	7	10	17	0.05	0.8299	0.026
PUNCTATED (SAND)	50	47	97	1.09	0.2973	0.066
LIN. SEP. PUNCT.	45	40	85	1.53	0.2165	0.077
DRAG & JAB	13	19	32	0.28	0.5937	0.041
FINGER PINCHED	3	8	11	1.01*	0.3156	0.074
DENTATE STAMPED	12	9	21	0.60	0.4402	0.056
LINEAR CHECK	82	80	162	1.81	0.1784	0.082
CHECK STAMPED	49	44	93	1.61	0.2043	0.079
CORD (SAND) - ALL	94	101	195	0.35	0.5524	0.040
THIN	79	85	164	0.21	0.6498	0.032
THICK	61	72	133	0.02	0.9018	0.013
CROSS	70	67	137	1.63	0.2012	0.078
PARALLEL	80	81	161	1.00	0.3184	0.063

* (uncorrected)

Table F (continued)

	Main channel	Tributary	TOTALS	x^2 (df=1)	Sig.	Contingency coefficient
TOTAL SITES/CODE UNIT	146	167	313	-	-	-
FABRIC (SAND) - ALL	49	58	107	0.01	0.9219	0.012
LOOSE	32	46	78	1.03	0.3091	0.065
RIGID	36	34	70	0.60	0.4387	0.051
SHERD TEMPERED - ALL	36	38	74	0.07	0.7933	0.022
CORD (SHERD) - ALL	26	30	56	0.01	0.9109	0.002
THIN	17	24	41	0.30	0.5854	0.040
THICK	20	21	41	0.02	0.8997	0.017
CROSS	17	17	34	0.05	0.8156	0.023
PARALLEL	24	25	49	0.04	0.8409	0.020
FABRIC (SHERD)- ALL	21	25	46	0.0002	0.9890	0.008
LOOSE	14	23	37	0.97	0.3330	0.065
RIGID	13	16	29	0.0001	0.9915	0.012
COMP. STAMPED - ALL	56	35	91	10.61	0.0011	0.188
SIMPLE STAMPED- ALL	73	64	137	3.85	0.0496	0.117
THIN	54	44	98	3.62	0.0571	0.114
THICK	49	43	92	1.93	0.1647	0.085
CROSS	46	39	85	2.22	0.1361	0.091
PARALLEL	61	52	113	3.378	0.0661	0.110
PLAIN (SAND) - ALL	124	130	254	2.12	0.1458	0.090

Table G. Major Ceramic Categories: Occurrence by Associated Architectural Remains

	No remains	Shell ring	Shell midden	Earthern mound	TOTALS	x^2 (df=3)	Sig.	Contingency coefficient
TOTAL SITES/CODE UNIT	251	11	40	11	313	-	-	-
FIBER TEMPERED - ALL	62	6	13	1	82	7.35	0.0616	0.151
NON-DECORATED	52	6	11	1	70	8.68*	0.0339	0.164
DECORATED	14	5	10	1	30	31.95*	0.0001	0.320
LIN. SEP. PUNCT.	7	5	10	0	22	52.36*	0.0001	0.379
DRAG & JAB	6	4	6	1	17	32.43*	0.0001	0.306
PUNCTATED (SAND)	72	6	14	5	97	4.85	0.1828	0.124
LIN. SEP. PUNCT.	62	6	14	3	85	6.18	0.1032	0.139
DRAG & JAB	19	6	6	1	32	26.48	0.0001	0.279
FINGER PINCHED	0	5	6	0	11	82.17*	0.0001	0.456
DENTATE STAMPED	19	0	2	0	21	2.07*	0.5589	0.081
LINEAR CHECK	145	2	13	2	162	19.51*	0.0002	0.242
CHECK STAMPED	71	0	14	8	93	15.18*	0.0017	0.215
CORD (SAND) - ALL	163	1	23	8	195	14.91*	0.0019	0.213
THIN	137	0	21	6	164	12.61*	0.0056	0.197
THICK	114	1	14	4	133	6.99*	0.0722	0.148
CROSS	113	0	19	5	137	8.96*	0.0298	0.167
PARALLEL	138	1	16	6	161	11.30*	0.0102	0.187

* (uncorrected)

Table G. (continued)

	No remains	Shell ring	Shell midden	Earthen mound	TOTALS	x^2 (df=3)	Sig.	Contingency coeffiecient
TOTAL SITES/CODE UNIT	251	11	40	11	313	-	-	-
FABRIC (SAND) - ALL	88	2	14	3	107	1.58*	0.6633	0.071
LOOSE	61	2	12	3	78	0.90*	0.8249	0.054
RIGID	60	1	8	1	70	2.70*	0.4395	0.093
SHERD TEMPERED - ALL	50	2	19	3	74	14.80*	0.0020	0.212
CORD (SHERD) - ALL	35	1	17	3	56	20.39*	0.0001	0.247
THIN	25	1	13	2	41	15.80*	0.0012	0.219
THICK	27	0	11	3	41	12.10*	0.0071	0.193
CROSS	21	0	11	2	34	15.00*	0.0018	0.214
PARALLEL	31	1	14	3	49	14.90*	0.0019	0.213
FABRIC (SHERD)- ALL	34	2	8	2	46	1.38*	0.7112	0.066
LOOSE	27	1	7	2	37	2.02*	0.5691	0.080
RIGID	21	1	6	1	29	1.81*	0.6135	0.076
COMP. STAMPED - ALL	65	1	17	8	91	17.02*	0.0007	0.227
SIMPLE STAMPED- ALL	107	5	17	8	137	3.92*	0.2703	0.111
THIN	77	1	14	6	98	5.59*	0.1336	0.132
THICK	71	4	13	4	92	0.85*	0.8377	0.052
CROSS	64	3	15	3	85	2.51*	0.4730	0.089
PARALLEL	89	2	14	8	113	7.99*	0.0461	0.158
PLAIN (SAND) - ALL	203	8	33	10	254	1.25	0.7399	0.063

* (uncorrected)

Table H. Major Ceramic Categories: Occurrence by Major Soil Association Relationships

	On Ecotone	Not on ecotone	On major ecotone	TOTALS	X^2 (df=2)	Sig.	Contingency coefficient
TOTAL SITES/CODE UNIT	168	80	23	271	-	-	-
FIBER TEMPERED - ALL	48	21	10	79	2.64	0.2672	0.098
NON-DECORATED	41	16	10	67	5.32	0.0701	0.139
DECORATED	15	10	4	29	1.90	0.3866	0.083
LIN. SEP. PUNCT.	12	7	2	21	0.23	0.8926	0.029
DRAG & JAB	7	7	2	16	2.40	0.3009	0.094
PUNCTATED (SAND)	54	26	10	90	1.98	0.5494	0.066
LIN. SEP. PUNCT.	47	23	8	78	0.46	0.7956	0.041
DRAG & JAB	17	11	4	32	1.44	0.4871	0.073
FINGER PINCHED	8	3	0	11	1.21*	0.5472	0.067
DENTATE STAMPED	14	6	1	21	0.46	0.7948	0.041
LINEAR CHECK	88	43	13	144	0.16	0.9248	0.024
CHECK STAMPED	54	21	11	86	3.87	0.1442	0.119
CORD (SAND) - ALL	107	50	13	170	0.45	0.7996	0.041
THIN	90	43	13	146	0.07	0.9648	0.016
THICK	79	31	6	116	4.38	0.1117	0.126
CROSS	74	33	10	117	0.17	0.9168	0.025
PARALLEL	95	39	9	143	3.20	0.2022	0.108

* (uncorrected)

Table H. (continued)

	On ecotone	Not on ecotone	On major ecotone	TOTALS	X^2 (df=2)	Sig.	Contingency coefficient
TOTAL SITES/CODE UNIT	168	80	23	271	-	-	-
FABRIC (SAND) - ALL	67	27	8	102	0.96	0.6203	0.059
LOOSE	45	21	8	74	0.72	0.6992	0.051
RIGID	46	15	7	68	2.53	0.2823	0.096
SHERD TEMPERED - ALL	44	22	4	70	0.98	0.6118	0.060
CORD (SHERD) - ALL	33	16	3	52	0.62	0.7348	0.048
THIN	26	11	2	39	0.79	0.6727	0.054
THICK	22	12	3	37	0.17	0.9164	0.025
CROSS	19	11	2	32	0.54	0.7620	0.045
PARALLEL	29	13	3	45	0.27	0.8736	0.032
FABRIC (SHERD)- ALL	28	14	2	44	1.08	0.5832	0.063
LOOSE	22	11	2	35	0.42	0.8112	0.039
RIGID	14	12	2	28	2.67	0.2628	0.099
COMP. STAMPED - ALL	53	22	7	82	0.42	0.8101	0.039
SIMPLE STAMPED- ALL	72	36	16	124	5.84	0.0539	0.145
THIN	50	28	11	89	3.23	0.1986	0.109
THICK	49	23	12	84	5.27	0.0716	0.138
CROSS	45	26	8	79	1.24	0.5372	0.068
PARALLEL	60	28	14	102	5.79	0.0553	0.145
PLAIN (SAND) - ALL	142	65	21	228	1.40	0.4957	0.072

Table I. Major Ceramic Categories: Occurrence by Specific Drainage Environment

	On major channel	Confluence Main channel-trib.	Borders swamp	No drainage	Along tributary	Conf. two tribs.	In swamp-trib.	Drainage alter.	TOTALS	X^2 (df=7)	Sig.	Contingency coefficient
TOTAL SITES/CODE UNIT	60	43	22	8	110	57	3	3	306	-	-	-
FIBER TEMPERED - ALL	14	12	3	3	32	15	1	1	81	3.24*	0.8615	0.102
NON-DECORATED	12	9	3	2	27	14	1	1	69	2.10*	0.9542	0.083
DECORATED	4	5	0	2	14	3	0	1	29	10.17*	0.1790	0.179
LIN. SEP. PUNCT.	3	3	0	1	12	2	0	0	21	6.61*	0.4708	0.145
DRAG & JAB	2	2	0	2	8	2	0	0	16	9.59*	0.2132	0.174
PUNCTATED (SAND)	26	11	9	2	26	18	0	2	94	11.98*	0.1012	0.194
LIN. SEP. PUNCT.	24	9	8	2	21	16	0	2	82	14.03*	0.0506	0.209
DRAG & JAB	5	3	3	1	14	5	0	1	32	3.92*	0.7885	0.113
FINGER PINCHED	0	2	5	0	4	0	0	0	11	28.26*	0.0002	0.291
DENTATE STAMPED	6	1	3	1	6	2	0	2	21	22.64*	0.0020	0.262
LINEAR CHECK	34	24	10	5	49	32	3	1	158	7.51*	0.3775	0.155
CHECK STAMPED	21	16	6	2	26	17	2	0	90	7.31*	0.3971	0.153
CORD (SAND) - ALL	37	32	13	2	67	36	3	1	191	10.54*	0.1599	0.182
THIN	31	26	10	2	54	34	2	1	160	6.33*	0.5017	0.142
THICK	27	23	8	1	46	23	3	1	132	9.77*	0.2022	0.176
CROSS	27	23	9	2	41	29	2	1	134	6.73*	0.4572	0.147
PARALLEL	33	29	11	1	53	27	3	1	158	13.66*	0.0576	0.207

* (uncorrected)

Table I. (continued)

	On major channel	Confluence main channel-trib.	Borders swamp	No drainage	Along tributary	Confl. two tribs.	In swamp-trib.	Drainage altered	TOTALS	χ^2 (df=7)	Sig.	Contingency coefficient
TOTAL SITES/CODE UNIT	60	43	22	8	110	57	3	3	306	-	-	-
FABRIC (SAND) - ALL	24	14	10	3	26	24	2	1	104	10.70*	0.1525	0.184
LOOSE	16	8	9	3	19	17	2	1	75	11.88*	0.1046	0.193
RIGID	20	13	6	2	12	15	0	1	69	15.83*	0.0267	0.222
SHERD TEMPERED - ALL	13	16	8	2	21	10	0	1	71	10.11*	0.1822	0.179
CORD (SHERD) - ALL	8	11	6	1	18	8	0	1	53	6.03*	0.5360	0.139
THIN	4	5	5	1	17	6	0	1	39	6.57*	0.4746	0.145
THICK	7	11	3	1	10	5	0	1	38	10.36*	0.1691	0.181
CROSS	4	10	2	0	11	5	0	0	32	10.32*	0.1712	0.181
PARALLEL	8	9	5	1	15	7	0	1	46	4.19*	0.7577	0.116
FABRIC (SHERD)- ALL	8	9	4	2	13	7	0	1	44	4.71*	0.6950	0.123
LOOSE	7	7	2	2	10	6	0	1	35	5.02*	0.6572	0.127
RIGID	4	7	3	1	8	4	0	1	28	6.91*	0.4348	0.149
COMP. STAMPED - ALL	32	13	4	1	19	13	3	1	86	35.93*	0.0001	0.324
SIMPLE STAMPED- ALL	29	23	11	3	39	27	2	2	136	7.22*	0.4062	0.152
THIN	21	18	7	3	26	19	1	2	97	7.55*	0.3741	0.155
THICK	21	17	7	2	21	22	1	1	92	10.96*	0.1403	0.186
CROSS	20	14	7	2	20	18	1	2	84	9.44*	0.2224	0.173
PARALLEL	24	21	9	2	31	23	2	1	113	8.56*	0.2862	0.165
PLAIN (SAND) - ALL	54	38	19	3	83	48	3	2	250	19.05*	0.0080	0.242

* (uncorrected)

Table J. Major Ceramic Categories: Occurrence by Specific Wetlands Relationships

	Adjacent swamp	Within swamp	Adj. Tidal marsh	Within Tidal marsh	Adj. beach-no marsh	Adj. beach-marsh	None of above	TOTALS	X^2 (df=6)	Sig.	Contingency coefficient
TOTAL SITES/CODE UNIT	187	11	35	18	3	1	51	306	-	-	-
FIBER TEMPERED - ALL	44	3	17	5	0	0	12	81	11.30*	0.0795	0.192
NON-DECORATED	37	3	14	4	0	0	11	69	8.25	0.2200	0.162
DECORATED	11	0	11	4	0	0	3	29	28.22*	0.0001	0.291
LIN. SEP. PUNCT.	5	0	10	4	0	0	2	21	39.38*	0.0001	0.338
DRAG & JAB	6	0	7	2	0	0	1	16	20.13*	0.0026	0.248
PUNCTATED (SAND)	53	1	13	8	1	0	18	94	6.14*	0.4076	0.140
LIN. SEP. PUNCT.	44	1	11	8	1	0	17	82	7.56*	0.2723	0.155
DRAG & JAB	12	0	10	3	0	0	7	32	18.60*	0.0049	0.239
FINGER PINCHED	0	0	7	4	0	0	0	11	54.64*	0.0001	0.389
DENTATE STAMPED	11	1	3	0	0	0	6	21	4.06*	0.6679	0.115
LINEAR CHECK	99	8	9	5	1	0	36	158	24.41*	0.0004	0.272
CHECK STAMPED	50	5	14	4	3	1	13	90	14.32*	0.0262	0.211
CORD (SAND) - ALL	125	8	16	10	2	0	30	191	8.55*	0.2005	0.165
THIN	103	6	14	8	2	0	27	160	4.52*	0.6064	0.121
THICK	87	7	12	6	2	0	18	132	7.30*	0.2943	0.153
CROSS	88	6	14	8	2	0	16	134	6.15*	0.4068	0.140
PARALLEL	104	7	12	7	2	0	26	158	8.56*	0.2000	0.165

* (uncorrected)

Table J. (continued)

	Adjacent swamp	Within swamp	Adj. Tidal marshland	Within Tidal marshland	Adj. Beach-no marsh	Adj. beach-marsh	None of above	TOTALS	X^2 (df=6)	Sig.	Contingency coefficient
TOTAL SITES/CODE UNIT	187	11	35	18	3	1	51	306	-	-	-
FABRIC (SAND) - ALL	59	6	9	6	3	0	21	104	11.15*	0.0837	0.188
LOOSE	39	6	7	6	3	0	14	75	17.66*	0.0071	0.234
RIGID	44	3	5	3	2	0	12	69	5.63*	0.4658	0.134
SHERD TEMPERED - ALL	28	4	17	11	1	0	10	71	36.18*	0.0001	0.325
CORD (SHERD) - ALL	21	2	14	9	1	0	6	53	32.69*	0.0001	0.311
THIN	12	2	13	5	1	0	6	39	30.75*	0.0001	0.302
THICK	16	1	10	6	1	0	4	38	20.64*	0.0021	0.251
CROSS	10	1	12	6	1	0	2	32	40.64*	0.0001	0.342
PARALLEL	20	1	11	7	1	0	6	46	19.83*	0.0030	0.247
FABRIC (SHERD)- ALL	17	4	8	6	1	0	8	44	16.98*	0.0094	0.229
LOOSE	13	3	8	4	1	0	6	35	14.56*	0.0239	0.213
RIGID	11	3	3	4	1	0	6	28	13.09*	0.0416	0.203
COMP. STAMPED - ALL	47	6	11	7	1	0	14	86	6.29*	0.3912	0.142
SIMPLE STAMPED- ALL	86	4	16	12	0	0	18	136	9.02*	0.1722	0.169
THIN	63	2	8	8	0	0	16	97	5.74*	0.4525	0.136
THICK	58	3	11	10	0	0	10	92	10.09*	0.1210	0.179
CROSS	49	2	9	10	0	0	14	84	9.33*	0.1560	0.172
PARALLEL	75	4	12	9	0	0	13	113	7.44*	0.2817	0.154
PLAIN (SAND) - ALL	153	9	26	18	3	1	40	250	6.58*	0.3614	0.145

* (uncorrected)

Table K. Major Ceramic Categories: Occurrence by Geologic Rock Units Underlying Site Area

	Tuscaloosa	PeeDee-Black Creek	Cooper Marl	Hawthorne	Pleistocene-Holocene	Black Mingo	Barnwell-McBean Santee	TOTALS	X^2 (df=6)	Sig.	Contingency coefficient
TOTAL SITES/CODE UNIT	26	29	12	44	76	10	116	313	-	-	-
FIBER TEMPERED - ALL	5	7	3	13	25	1	28	82	4.35	0.6288	0.117
NON-DECORATED	4	7	2	10	21	1	25	70	3.15*	0.7900	0.100
DECORATED	2	0	1	4	17	0	6	30	21.21*	0.0017	0.252
LIN. SEP. PUNCT.	2	0	0	4	16	0	0	22	35.80*	0.0001	0.320
DRAG & JAB	2	0	0	2	10	0	3	17	13.92*	0.0306	0.206
PUNCTATED (SAND)	9	7	5	8	27	2	39	97	6.48	0.3714	0.142
LIN. SEP. PUNCT.	8	7	4	5	25	2	34	85	7.88*	0.2470	0.157
DRAG & JAB	1	1	2	4	13	1	10	32	7.45*	0.2809	0.153
FINGER PINCHED	0	0	0	0	11	0	0	11	35.55*	0.0001	0.319
DENTATE STAMPED	1	1	0	0	4	0	15	21	13.01*	0.0429	0.200
LINEAR CHECK	15	15	9	24	24	6	69	162	18.54	0.0050	0.236
CHECK STAMPED	7	9	2	15	33	2	25	93	12.49	0.0518	0.196
CORD (SAND) - ALL	13	22	6	37	41	7	69	195	16.52	0.0112	0.224
THIN	12	20	5	29	36	7	55	164	10.54	0.1037	0.180
THICK	7	16	4	29	25	1	51	133	22.06*	0.0012	0.257
CROSS	10	14	3	22	34	2	52	137	5.33*	0.5028	0.129
PARALLEL	10	20	6	33	30	7	55	161	21.59*	0.0014	0.254

* (uncorrected)

Table K. (continued)

	Tuscaloosa	PeeDee-Black Creek	Cooper Marl	Hawthorne	Pleistocene-Holocene	Black Mingo	Barnwell-McBean Santee	TOTALS	X^2 (df=6)	Sig.	Contingency coefficient
TOTAL SITES/CODE UNIT	26	29	12	44	76	10	116	313	-	-	-
FABRIC (SAND) - ALL	8	14	3	15	24	4	39	107	3.54*	0.7386	0.106
LOOSE	5	14	1	12	20	1	25	75	12.77*	0.0468	0.198
RIGID	3	8	3	6	15	4	31	70	7.55*	0.2728	0.153
SHERD TEMPERED - ALL	4	15	1	6	34	2	12	74	47.82*	0.0001	0.364
CORD (SHERD) - ALL	2	10	1	6	29	2	6	56	42.62*	0.0001	0.346
THIN	2	9	0	4	23	1	2	41	44.23*	0.0001	0.352
THICK	1	7	1	3	21	2	6	41	27.75*	0.0001	0.285
CROSS	2	6	0	4	21	1	0	34	40.98*	0.0001	0.362
PARALLEL	1	9	1	5	25	2	6	49	35.94*	0.0001	0.321
FABRIC (SHERD)- ALL	4	13	0	4	17	1	7	46	34.87*	0.0001	0.317
LOOSE	2	11	0	3	15	0	6	37	32.89*	0.0001	0.308
RIGID	3	8	0	2	10	1	5	29	18.89*	0.0043	0.239
COMP. STAMPED - ALL	12	5	4	12	25	4	29	91	7.87*	0.2476	0.157
SIMPLE STAMPED- ALL	12	6	6	24	34	4	51	137	8.69*	0.1918	0.164
THIN	9	5	6	19	21	3	35	98	8.19*	0.2246	0.160
THICK	5	3	3	16	25	2	38	92	9.01*	0.1729	0.167
CROSS	4	3	6	17	23	2	30	85	12.79*	0.0465	0.198
PARALLEL	11	5	6	19	26	3	43	113	7.19*	0.3034	0.150
PLAIN (SAND) - ALL	22	27	7	35	63	8	92	254	7.49	0.2781	0.153

* (uncorrected)

Table L. Major Ceramic Categories: Occurrence by Present Forest Cover

	Swamp hardwood	Hardwood-pine mixture	Oak-Hickory Scrub Oak	Conifers	No forest	TOTALS	X^2 (df=4)	Sig.	Contingency coefficient
TOTAL SITES/CODE UNIT	179	19	23	69	18	308	-	-	-
FIBER TEMPERED - ALL	42	4	5	25	5	81	4.79*	0.3094	0.124
NON-DECORATED	34	4	5	22	5	70	5.02	0.2853	0.127
DECORATED	14	2	0	11	2	29	6.46*	0.1674	0.143
LIN. SEP. PUNCT.	7	2	0	10	2	21	11.39*	0.0225	0.189
DRAG & JAB	8	1	0	6	2	17	4.14*	0.3876	0.115
PUNCTATED (SAND)	48	1	10	29	7	95	13.50	0.0091	0.205
LIN. SEP. PUNCT.	39	1	10	26	7	83	15.49	0.0038	0.219
DRAG & JAB	12	1	2	14	3	32	11.24*	0.0239	0.188
FINGER PINCHED	0	1	0	6	4	11	31.08*	0.0001	0.318
DENTATE STAMPED	6	0	4	9	2	21	13.55*	0.0089	0.205
LINEAR CHECK	100	10	14	30	4	158	10.13	0.0383	0.178
CHECK STAMPED	50	9	8	20	5	92	3.43	0.4892	0.047
CORD (SAND) - ALL	120	12	14	37	9	192	5.11	0.2761	0.128
THIN	101	12	12	28	8	161	6.36	0.1736	0.142
THICK	81	4	12	30	5	132	6.60*	0.1583	0.145
CROSS	78	10	11	27	8	134	1.36	0.8507	0.066
PARALLEL	103	8	13	31	5	160	8.75	0.0677	0.166

* (uncorrected)

Table L. (continued)

	Swamp hardwoods	Hardwood-pine mixture	Oak-Hickory-Scrub Oak	Conifers	No forest	TOTALS	X^2 (df=4)	Sig.	Contingency coefficient
TOTAL SITES/CODE UNIT	179	19	23	69	18	308	-	-	-
FABRIC (SAND) - ALL	63	7	7	23	6	106	0.30	0.9895	0.031
LOOSE	44	6	5	17	5	77	0.66	0.9556	0.046
RIGID	44	4	4	16	2	70	2.14	0.7091	0.083
SHERD TEMPERED - ALL	31	6	3	23	9	72	16.69	0.0022	0.227
CORD (SHERD) - ALL	23	4	2	16	9	54	18.77*	0.0009	0.247
THIN	15	4	0	12	8	39	25.35*	0.0001	0.276
THICK	17	2	2	12	6	39	10.38*	0.0345	0.181
CROSS	14	2	0	10	6	32	15.36*	0.0040	0.218
PARALLEL	20	4	2	12	9	47	20.61*	0.0004	0.250
FABRIC (SHERD)- ALL	21	5	1	13	4	44	7.15*	0.1282	0.151
LOOSE	16	3	1	12	3	35	5.53*	0.2371	0.133
RIGID	13	4	0	8	2	27	7.12*	0.1299	0.150
COMP. STAMPED - ALL	52	3	12	16	6	89	8.92	0.0631	0.168
SIMPLE STAMPED- ALL	81	7	9	31	7	135	0.94	0.9184	0.055
THIN	59	5	7	21	4	96	1.71*	0.8828	0.062
THICK	51	4	8	23	6	92	1.63	0.8033	0.073
CROSS	45	5	6	22	5	83	1.17*	0.8830	0.062
PARALLEL	70	6	9	23	5	113	1.62	0.7957	0.074
PLAIN (SAND) - ALL	148	15	18	55	15	251	0.59	0.9637	0.044

* (uncorrected)

APPENDIX V

Archeological-Environmental Associations
Pearson's Product Moment Correlations

A. Pearson's Product Moment Correlation Coefficients

B. Significant Archeological-Environmental Correlations: Summary Information

APPENDIX V

Table A. Pearson's Product Moment Correlation Coefficients: Major Ceramic Categories with Environmental and Archeological Associations

(coefficients computed using presence-absence data)

	Site Area Forested	Site Area in Grassland or Woodlot	Site Area in Coastal Marshland	Site area in Riverine Wetland	Site in Sandhills	Site in Southern Coastal Plain	Site in Atlantic Flatwoods	Site on NE side of river
VARO13	-0.0579	-0.0664	0.3424**	-0.1762**	-0.0019	-0.1353*	0.1099	-0.1870**
VARO14	-0.0403	-0.0538	0.2414**	-0.1174	0.0030	-0.0467	0.0349	-0.2002**
VARA	-0.0811	-0.0745	0.2826**	-0.1033	-0.0490	-0.1054	0.1262	-0.2451**
VARC	-0.1418*	-0.0150	0.1477*	-0.0096	-0.1294	-0.1286	0.2132**	-0.1431*
VARD	-0.0270	-0.0656	0.0284	0.0520	-0.0844	-0.0764	0.1331*	-0.0286
VARE	0.0459	0.1020	-0.1403*	-0.0211	0.0806	-0.0001	-0.0686	0.0947
VARF	-0.0634	-0.0366	-0.0772	0.1467*	-0.1859**	0.0025	0.1562*	-0.0801
VARG	-0.0709	-0.1054	0.0099	0.1329*	-0.0657	0.0402	0.0237	-0.0749
VARH	-0.0781	-0.1474*	0.2448**	-0.0001	-0.2863**	0.0110	0.2349**	-0.1239
VARJ	-0.0863	-0.1255	0.2386**	-0.0119	-0.2353**	-0.0403	0.2326**	-0.1278
VARK	-0.0900	-0.0709	0.0959	0.0536	-0.2269**	0.0464	0.1560*	-0.0524
VARL	-0.0452	0.0156	0.0674	-0.0404	-0.0696	-0.0627	0.1095	0.0316
VARM	-0.0546	-0.0587	-0.0008	0.0968	-0.0859	-0.0352	0.1014	-0.0511
VARN	-0.0863	0.0680	0.1304	-0.1159	-0.0842	-0.0862	0.1407*	-0.1738*
VARO	-0.0405	-0.0460	0.0773	-0.0013	-0.0872	-0.0507	0.1148	-0.1684*
VARP	-0.0115	-0.0614	0.0859	-0.0131	-0.0605	-0.0465	0.0889	-0.1505*
VARQ	-0.0677	-0.0278	0.2597**	-0.1405*	-0.1043	-0.0939	0.1641*	-0.1819**
VARS	0.0180	0.1027	-0.2445**	0.0946	0.0112	0.0231	-0.0280	0.0369
VART	0.0355	-0.0412	0.0208	0.0046	-0.0730	-0.0728	0.1205	-0.0318
VARZC	-0.0202	0.0786	-0.0276	-0.0416	-0.0310	-0.0278	0.0487	0.0594
VARZD	-0.0872	0.0052	-0.0179	0.0710	-0.1745**	-0.0783	0.2113**	-0.0759
VARZE	-0.0445	-0.0474	-0.1055	0.1670*	-0.1658*	0.0650	0.0891	-0.0357
VARZF	-0.0882	-0.1004	0.0064	0.1495*	-0.1248	0.0309	0.0815	0.0014
D1	-0.0677	-0.1010	0.3478**	-0.1405*	-0.1043	-0.0939	0.1641*	-0.1819**
D2	-0.1055	-0.1750**	0.5672**	-0.2417**	-0.1637*	-0.1883**	0.2903**	-0.2690**
D3	-0.0127	-0.0644	0.0834	0.0049	0.0194	0.0375	-0.0465	-0.0430

Pearson's Correlation Coefficients

VARO13	Fiber temper: lin. sep. punct.
VARO14	Fiber temper: drag & jab
VARA	Fiber tempered: all decorated
VARC	Fiber tempered: all non-decorated
VARD	All Simple Stamped (sand)
VARE	All Cord marked (sand)
VARF	All Fabric impressed (sand)
VARG	All Complicated stamped (sand)
VARH	All Sherd tempered ceramics
VARJ	Sherd temper: all Cord
VARK	Sherd temper: all Fabric
VARL	All Shell tempered
VARM	All dentate stamped (sand)
VARN	Drag & jab (sand)
VARO	All punctated (sand)
VARP	Lin. Sep. Punct. (sand)
VARQ	Finger pinched (sand)
VARS	Linear check stamped (sand)
VART	All check stamped (sand)
VARZC	All ceramics (site)
VARZD	Fabric-loose (sand)
VARZE	Fabric-rigid (sand)
VARZF	Plain (sand)
D1	Shell ring site
D2	Shell midden site
D3	Earthen mound site

Significance levels: * $p < .01$; ** $p < .001$

Table A

	Site on SW side of river	Site on island in river	Site on a Sea Island	Site is on a major soil ecotone	Site is not on a soil ecotone	Site is near 3 major soil associations	Site borders a main channel	Site at Confl. of a major channel-trib.
VARO13	-0.1048	0.1012	0.3468**	0.0048	0.0395	0.0184	-0.0386	-0.0008
VARO14	-0.0098	0.1211	0.2449**	-0.0601	0.0858	0.0406	-0.0451	-0.0137
VARA	0.0142	0.0794	0.2871**	-0.0240	0.0580	0.0747	-0.0483	0.0277
VARC	0.0675	0.1046	0.0942	0.0527	-0.0332	0.1427*	-0.0276	-0.0137
VARD	0.0709	0.0454	-0.0300	-0.0198	0.0145	0.1464*	0.0448	0.0782
VARE	0.0561	0.0089	-0.1813**	0.0309	0.0024	-0.0336	-0.0064	0.0998
VARF	0.1380*	-0.0709	-0.0546	0.1293	-0.0054	0.0035	0.0597	-0.0137
VARG	0.0380	0.0814	0.0332	0.0586	-0.0203	0.0084	0.2602**	0.0102
VARH	-0.1000	0.0224	0.2894**	0.0646	0.0532	-0.0414	-0.0226	0.1274
VARJ	-0.1174	0.0396	0.3078**	0.0492	0.0322	-0.0356	-0.0579	0.0801
VARK	-0.0662	-0.0408	0.1691*	0.0599	0.0464	-0.0477	-0.0187	0.0703
VARL	-0.0860	-0.0125	0.0689	0.0162	0.0422	-0.0359	0.0027	0.0232
VARM	0.0668	0.1047	-0.0313	0.0699	0.0185	-0.0266	0.0641	-0.0699
VARN	0.0678	-0.0332	0.1609*	-0.0037	0.0682	0.0666	-0.0304	-0.0428
VARO	0.1286	-0.0659	0.1010	0.0268	0.0191	0.0760	0.1300	-0.0467
VARP	0.0989	-0.0601	0.1098	0.0198	0.0210	0.0483	0.1406*	-0.0559
VARQ	-0.1289	-0.0188	0.3960**	0.0729	0.0075	-0.0537	-0.0929	0.0246
VARS	0.1831**	-0.1019	-0.2376**	0.0134	0.0234	0.0269	0.0478	0.0324
VART	-0.0169	0.0795	0.0263	0.0572	-0.0444	0.1116	0.0563	0.0655
VARZC	-0.0382	-0.0056	-0.0273	0.0526	-0.0332	-0.0159	-0.0276	-0.0226
VARZD	0.1048	-0.0567	0.0056	0.0464	0.0180	0.0642	0.0197	-0.0583
VARZE	0.1171	-0.0528	-0.1018	0.1296	-0.0508	0.0545	0.1282	0.0754
VARZF	0.0436	-0.0364	-0.0184	0.0928	0.0015	0.0731	0.1102	0.0737
D1	-0.1289	-0.0188	0.3960**	0.0033	0.0473	0.0127	-0.0929	0.0750
D2	-0.2172**	0.0606	0.5740**	0.0678	0.0390	-0.0711	-0.0649	0.0696
D3	-0.0166	-0.0188	0.0855	-0.0663	-0.0721	0.2122**	0.1274	-0.0258

Pearson's Correlation Coefficients

VARO13	Fiber temper: lin. sep. punct.
VARO14	Fiber temper: drag & jab
VARA	Fiber tempered: all decorated
VARC	Fiber tempered: all non-decorated
VARD	All Simple Stamped (sand)
VARE	All Cord marked (sand)
VARF	All Fabric impressed (sand)
VARG	All Complicated stamped (sand)
VARH	All Sherd tempered ceramics
VARJ	Sherd temper: all Cord
VARK	Sherd temper: all Fabric
VARL	All Shell tempered
VARM	All dentate stamped (sand)
VARN	Drag & jab (sand)
VARO	All punctated (sand)
VARP	Lin. Sep. Punct. (sand)
VARQ	Finger pinched (sand)
VARS	Linear check stamped (sand)
VART	All check stamped (sand)
VARZC	All ceramics (site)
VARZD	Fabric-loose (sand)
VARZE	Fabric-rigid (sand)
VARZF	Plain (sand)
D1	Shell ring site
D2	Shell midden site
D3	Earthen mound site

Significance levels: * $p < .01$; ** $p < .001$

DGA-121

	Site borders swamp- no near drain.	No prominent drainage features	Site located along a tributary	Site at confl. of two tribs.	Site in swamp- trib. near	Site adj. swamp	Site within swamp	Site adj. tidal marshland
VAR013	-0.0756	0.0347	0.1117	-0.0650	-0.0270	-0.2075**	-0.0525	0.2990**
VAR014	-0.0659	0.1398*	0.0598	-0.0400	-0.0236	-0.1195	-0.0457	0.2281**
VARA	-0.0895	0.0848	0.0786	-0.0693	-0.0320	-0.1532*	-0.0621	0.2633**
VARC	-0.0576	0.0102	0.0385	0.0249	0.0259	-0.0754	0.0225	0.1502*
VARD	0.0345	-0.0205	-0.1234	0.0342	0.0454	0.0545	-0.0285	0.0139
VARE	-0.0182	-0.1247	-0.0211	0.0084	0.0765	0.1142	0.0411	-0.1214
VARF	0.0653	0.0113	-0.1637*	0.0788	0.0674	-0.0677	0.0819	-0.0634
VARG	-0.0659	-0.0591	-0.1913**	-0.0651	0.1537*	-0.1057	0.1071	0.0184
VARH	0.0823	0.0052	-0.0789	-0.0677	-0.0547	-0.2486**	0.0571	0.2082**
VARJ	0.0673	-0.0228	-0.0293	-0.0475	-0.0459	-0.2117**	0.0014	0.2047**
VARK	0.0271	0.0471	-0.0598	-0.0322	-0.0408	-0.1929**	0.1168	0.0818
VARL	-0.0350	-0.0206	0.0130	-0.0601	0.2490**	-0.1033	0.1141	0.0357
VARM	0.0761	0.0375	-0.0369	-0.0604	-0.0264	-0.0403	0.0182	0.0264
VARN	0.0310	0.0122	0.0608	-0.0226	-0.0332	-0.1531*	-0.0644	0.2149**
VARO	0.0590	-0.0210	-0.1171	0.0060	-0.0659	-0.0698	-0.0904	0.0472
VARP	0.0569	-0.0079	-0.1335*	0.0097	-0.0601	-0.0993	-0.0775	0.0341
VARQ	0.2869**	-0.0309	0.0049	-0.0901	-0.0188	-0.2325**	-0.0364	0.3177**
VARS	-0.0347	0.0348	-0.1062	0.0414	0.0950	0.0289	0.0601	-0.1849**
VART	-0.0147	-0.0167	-0.0979	0.0012	0.0795	-0.0793	0.0657	0.0799
VARZC	-0.0156	0.3496**	-0.0417	-0.0267	-0.0056	-0.0690	-0.0108	-0.0201
VARZD	0.1016	0.0471	-0.1301	0.0535	0.0949	-0.1145	0.1307	-0.0404
VARZE	0.0324	0.0102	-0.2024**	0.0447	-0.0528	0.0341	0.0225	-0.0688
VARZF	0.0367	-0.1808**	-0.1072	0.0369	0.0474	0.0208	0.0033	-0.0623
D1	0.0833	0.0790	0.0412	-0.0901	-0.0188	-0.2325**	-0.0364	0.3177**
D2	0.0819	-0.0620	0.0189	-0.0566	-0.0377	-0.3883**	0.0309	0.3804**
D3	-0.0525	-0.0309	0.0049	-0.0901	-0.0188	-0.0556	-0.0364	0.1525*

Pearson's Correlation Coefficients

VAR013	Fiber temper: lin. sep. punct.
VAR014	Fiber temper: drag & jab
VARA	Fiber tempered: all decorated
VARC	Fiber tempered: all non-decorated
VARD	All Simple Stamped (sand)
VARE	All Cord marked (sand)
VARF	All Fabric impressed (sand)
VARG	All Complicated stamped (sand)
VARH	All Sherd tempered ceramics
VARJ	Sherd temper: all Cord
VARK	Sherd temper: all Fabric
VARL	All Shell tempered
VARM	All dentate stamped (sand)
VARN	Drag & jab (sand)
VARO	All punctated (sand)
VARP	Lin. Sep. Punct. (sand)
VARQ	Finger pinched (sand)
VARS	Linear check stamped (sand)
VART	All check stamped (sand)
VARZC	All ceramics (site)
VARZD	Fabric-loose (sand)
VARZE	Fabric-rigid (sand)
VARZF	Plain (sand)
D1	Shell ring site
D2	Shell midden site
D3	Earthen mound site

Significance levels: * $p < .01$; ** $p < .001$

	Site is within a tidal marsh	Site adj. beach- no marsh near	Site adj. beach- marsh near	No clear marsh,beach, swamp near	Site under-lain by Tuscaloosa	Site under-lain by PeeDee Black Creek	Site under-lain by Cooper Marl	Site under-lain by Hawthorne
VARO13	0.1468*	-0.0270	-0.0156	-0.0536	0.0078	-0.0879	-0.0549	0.0326
VARO14	0.0619	-0.0236	-0.0136	-0.0676	0.0300	-0.0766	-0.0479	-0.0158
VARA	0.1060	-0.0320	-0.0184	-0.0555	-0.0193	-0.1040	-0.0085	-0.0068
VARC	-0.0008	-0.0528	-0.0304	-0.0084	-0.0504	0.0136	-0.0273	0.0035
VARD	0.1140	-0.0868	-0.0499	-0.0754	0.0145	-0.1487*	0.0251	0.0878
VARE	-0.0344	0.0089	-0.0728	-0.0317	-0.0764	0.0894	-0.0507	0.1818**
VARF	-0.0044	0.1365*	-0.0408	0.0650	-0.0217	0.0949	-0.0387	-0.0008
VARG	0.0534	0.0092	-0.0362	-0.0158	0.1132	-0.0833	0.0187	-0.0160
VARH	0.2178**	0.0224	-0.0315	-0.0419	-0.0585	0.2112**	-0.0719	-0.0952
VARJ	0.2069**	0.0396	-0.0264	-0.0705	-0.0801	0.1383*	-0.0498	-0.0449
VARK	0.1300	0.0518	-0.0235	0.0123	0.0058	0.2719**	-0.0829	-0.0640
VARL	0.1874**	-0.0125	-0.0072	-0.0562	-0.0383	-0.0407	-0.0254	0.0218
VARM	-0.0662	-0.0264	-0.0152	0.0892	-0.0344	-0.0417	-0.0535	-0.1085
VARN	0.0525	-0.0332	-0.0191	0.0510	-0.0634	-0.0715	0.0425	-0.0151
VARO	0.0719	0.0050	-0.0379	0.0411	0.0236	-0.0473	0.0461	-0.1120
VARP	0.0960	0.0137	-0.0346	0.0613	0.0244	-0.0217	0.0277	-0.1436*
VARQ	0.2510**	-0.0188	-0.0108	-0.0842	-0.0574	-0.0610	-0.0381	-0.0772
VARS	-0.1185	-0.0363	-0.0586	0.1663*	0.0357	-0.0002	0.0929	0.0226
VART	-0.0405	0.1513*	0.0871	-0.0408	-0.0184	0.0092	-0.0570	0.0387
VARZC	-0.0140	-0.0056	-0.0032	0.1283	-0.0170	-0.0181	-0.0113	-0.0229
VARZD	0.0480	0.1708*	-0.0326	0.0258	-0.0396	0.1725*	-0.0766	0.0220
VARZE	-0.0338	0.1046	-0.0304	0.0123	-0.0782	0.0400	0.0126	-0.0847
VARZF	0.1191	0.0474	0.0273	-0.0307	0.0267	0.0977	-0.1165	-0.0166
D1	0.1764**	-0.0188	-0.0108	-0.0372	-0.0574	-0.0610	-0.0381	-0.0772
D2	0.4398**	0.1588*	-0.0217	-0.1689*	-0.0805	-0.1223	-0.0764	-0.1273
D3	-0.0471	-0.0188	-0.0108	-0.0372	0.1312	-0.0610	-0.0381	-0.0273

Pearson's Correlation Coefficients

VARO13	Fiber temper: lin. sep. punct.
VARO14	Fiber temper: drag & jab
VARA	Fiber tempered: all decorated
VARC	Fiber tempered: all non-decorated
VARD	All Simple Stamped (sand)
VARE	All Cord marked (sand)
VARF	All Fabric impressed (sand)
VARG	All Complicated stamped (sand)
VARH	All Sherd tempered ceramics
VARJ	Sherd temper: all Cord
VARK	Sherd temper: all Fabric
VARL	All Shell tempered
VARM	All dentate stamped (sand)
VARN	Drag & jab (sand)
VARO	All punctated (sand)
VARP	Lin. Sep. Punct. (sand)
VARQ	Finger pinched (sand)
VARS	Linear check stamped (sand)
VART	All check stamped (sand)
VARZC	All ceramics (site)
VARZD	Fabric-loose (sand)
VARZE	Fabric-rigid (sand)
VARZF	Plain (sand)
D1	Shell ring site
D2	Shell midden site
D3	Earthen mound site

Significance levels: * $p < .01$; ** $p < .001$

	Site underlain by Pleist. Holocene seds.	Site underlain by Black Mingo	Site underlain by Barnwell-McBean	Site in swamp hardwoods	Site in hardwoods-pine mixture	Site in oak-hickory-scrub oak	Site in conifers	Site area unforested
VAR013	0.3107**	-0.0500	-0.2110**	-0.1410*	0.0348	-0.0774	0.1553*	0.0394
VAR014	0.1931**	-0.0435	-0.0963	-0.0491	-0.0019	-0.0675	0.0766	0.0619
VARA	0.2459**	-0.0591	-0.1150	-0.0692	0.0081	-0.0917	0.1148	0.0128
VARC	0.0716	-0.0539	-0.0150	-0.0935	-0.0080	-0.0042	0.1215	0.0321
VARD	0.0110	-0.0138	0.0030	0.0345	-0.0355	-0.0263	0.0124	-0.0243
VARE	-0.0976	0.0289	-0.0446	0.1130	0.0045	-0.0083	-0.0952	-0.0627
VARF	-0.0311	0.0223	-0.0091	0.0246	0.0142	-0.0223	-0.0096	-0.0044
VARG	0.0477	0.0437	-0.0688	-0.0006	-0.0744	0.1433*	-0.0689	0.0232
VARH	0.2811**	-0.0156	-0.2402**	-0.1720*	0.0475	-0.0703	0.1213	0.1532*
VARJ	0.2994**	0.0100	-0.2546**	-0.1520*	0.0210	-0.0676	0.0735	0.2069**
VARK	0.1227	-0.0241	-0.1877**	-0.0968	0.0834	-0.0823	0.0622	0.0525
VARL	0.1061	-0.0231	-0.0450	-0.0443	-0.0324	-0.0359	0.0552	0.0780
VARM	-0.0327	-0.0487	0.1908**	-0.1551*	-0.0682	0.1202	0.1346*	0.0435
VARN	0.1286	-0.0013	-0.0406	-0.1343*	-0.0416	-0.0142	0.1767**	0.0525
VARO	0.0555	-0.0432	0.0436	-0.1043	-0.1414*	0.0760	0.1269	0.0422
VARP	0.0731	-0.0292	0.0372	-0.1395*	-0.1251	0.1033	0.1258	0.0652
VARQ	0.3370**	-0.0347	-0.1464*	-0.2206**	0.0241	-0.0537	0.1496*	0.2510**
VARS	-0.2287**	0.0300	0.1186	0.0950	0.0044	0.0514	-0.0881	-0.1460*
VART	0.1699*	-0.0386	-0.1370*	-0.0450	0.0982	0.0312	-0.0085	-0.0105
VARZC	-0.0320	-0.0103	0.0737	-0.0654	-0.0144	-0.0159	0.1064	-0.0140
VARZD	0.0183	-0.0627	-0.0598	-0.0091	0.0391	-0.0207	-0.0035	0.0163
VARZE	-0.0357	0.0769	0.0803	0.0615	-0.0080	-0.0336	0.0105	-0.0667
VARZF	0.0253	-0.0053	-0.0361	0.0453	-0.0143	-0.0208	-0.0196	0.0138
D1	0.3370**	-0.0347	-0.1464*	-0.2206**	-0.0485	-0.0537	0.2333**	0.1764**
D2	0.6090**	-0.0695	-0.2739**	-0.3264**	-0.0172	-0.1078	0.2120**	0.4398**
D3	0.0942	0.0640	-0.1105	0.0950	-0.0485	-0.0537	-0.0178	-0.0471

Pearson's Correlation Coefficients

VAR013	Fiber temper: lin. sep. punct.	VARJ	Sherd temper: all Cord	VART	All check stamped (sand)
VAR014	Fiber temper: drag & jab	VARK	Sherd temper: all Fabric	VARZC	All ceramics (site)
VARA	Fiber tempered: all decorated	VARL	All Shell tempered	VARZD	Fabric-loose (sand)
VARC	Fiber tempered: all non-decorated	VARM	All dentate stamped (sand)	VARZE	Fabric-rigid (sand)
VARD	All Simple Stamped (sand)	VARN	Drag & jab (sand)	VARZF	Plain (sand)
VARE	All Cord marked (sand)	VARO	All punctated (sand)	D1	Shell ring site
VARF	All Fabric impressed (sand)	VARP	Lin. Sep. Punct. (sand)	D2	Shell midden site
VARG	All Complicated stamped (sand)	VARQ	Finger pinched (sand)	D3	Earthen mound site
VARH	All Sherd tempered ceramics	VARS	Linear check stamped (sand)		

Significance levels: * $p < .01$; ** $p < .001$

APPENDIX V

Table B. Significant Archeological-Environmental Correlations
Summary Information

(all significant ($p < .01$) positive and negative correlations reported)

VAR013 Fiber tempered: Linear Separate Punctations

+site in coastal marshland **	-site in riverine wetland **
+site on a sea island **	-site on NE side of river **
+site adjacent tidal marshland **	-site adjacent swamp **
+site on Pleistocene-Holocene sediments **	-site underlain by Barnwell-McBean **
+site within tidal marshland *	-site in Southern Coastal Plain *
+site in conifers *	-site in swamp hardwoods *

VAR014 Fiber tempered: Drag & Jab Punctations

+site in coastal marshland **	-site on NE side of river **
+site on a sea island **	
+site adjacent tidal marshland **	
+site on Pleistocene-Holocene sediments **	
+site has no prominent drainage *	

VARA All Decorated Fiber tempered

+site in coastal marshland **	-site on NE side of river **
+site on a sea island **	-site adjacent swamp *
+site adjacent tidal marshland **	
+site on Pleistocene-Holocene sediments **	

VARC All Non-decorated Fiber tempered

+site in Atlantic coastal flatwoods **	-site area presently forested *
+site in coastal marshland *	-site on NE side of river *
+site near 3 major soil associations *	
+site adjacent tidal marshland *	

VARD All Simple Stamped (Temperless & Sand tempered Paste)

+site in Atlantic coastal flatwoods *	-site underlain by PeeDee-Black Creek *
+site near 3 major soil associations *	

VARE All Cord Marked (Temperless & Sand tempered Paste)

+site underlain by Hawthorne **	-site on a sea island **
	-site in coastal marshland *

VARF All Fabric Impressed (Temperless & Sand tempered Paste)

+site in riverine wetland *	-site in Sandhills **
+site in Atlantic coastal flatwoods *	-site is along a tributary *
+site on SW side of river *	
+site adj. beach-no marsh near *	

* Significance $< .01$
** Significance $< .001$

VARG All Complicated Stamped Ceramics (Temperless & Sand tempered Paste)

+site borders a main channel **
+site in riverine wetland *
+site in swamp-tributary near *
+site in oak-hickory-scrub oak *
-site is along a tributary **

VARH All Sherd tempered Ceramics

+site in coastal marshland **
+site in Atlantic coastal flatwoods **
+site on a sea island **
+site adjacent tidal marshland **
+site within tidal marshland **
+site underlain by PeeDee-Black Creek **
+site on Pleistocene-Holocene sediments **
+site unforested *
-site in Sandhills **
-site adjacent swamp **
-site underlain by Barnwell-McBean **
-site in grassland or woodlot *
-site in swamp hardwoods *

VARJ Cord Marked (Sherd tempered)

+site in coastal marshland **
+site in Atlantic coastal flatwoods **
+site on a sea island **
+site adjacent tidal marshland **
+site within tidal marshland **
+site on Pleistocene-Holocene sediments **
+site unforested **
+site underlain by PeeDee-Black Creek *
-site in Sandhills **
-site adjacent swamp **
-site underlain by Barnwell-McBean **
-site in swamp hardwoods *

VARK Fabric Impressed (Sherd tempered)

+site underlain by PeeDee-Black Creek **
+site in Atlantic coastal flatwoods *
+site on a sea island *
-site in Sandhills **
-site adjacent swamp **
-site underlain by Barnwell-McBean **

VARL All Shell tempered ceramics

+site in swamp-tributary near **
+site within tidal marshland **

VARM Dentate Stamped (Temperless & Sand tempered Paste)

+site underlain by Barnwell-McBean **
+site in conifers *
-site in swamp hardwoods *

* Significance < .01
** Significance < .001

VARN Drag & Jab Punctations (Temperless & Sand tempered)

+site adjacent tidal marshland **
+site in conifers **
+site in Atlantic coastal flatwoods *
+site on a sea island *
+site adjacent swamp *

-site on NE side of river *
-site in swamp hardwoods *

VARO All Punctated Ceramics (Temperless & Sand tempered)

-site on NE side of river *
-site in hardwoods-pine mixture *

VARP Linear Separate Punctations (Temperless & Sand tempered Paste)

+site borders main channel-no trib **

-site on NE side of river *
-site along tributary *
-site underlain by Hawthorne *
-site in swamp hardwoods *

VARQ Finger pinched (Temperless & Sand tempered Paste)

+site in coastal marshland **
+site on a sea island **
+site borders swamp-no drainage **
+site adjacent tidal marshland **
+site within tidal marshland **
+site on Pleistocene-Holocene sediments **
+site unforested **
+site in Atlantic coastal flatwoods *
+site in conifers *

-site on NE side of river **
-site adjacent swamp **
-site in swamp hardwoods **
-site in riverine wetland *
-site underlain by Barnwell-McBean *

VARS Linear Check Stamped (Temperless & Sand tempered Paste)

+site on SW side of river **
+no clear marsh, beach, swamp near **

-site in coastal marshland **
-site on a sea island **
-site adjacent tidal marshland **
-site on Pleistocene-Holocene sediments **
-site unforested *

VART Check Stamped (Temperless & Sand tempered Paste)

+site adjacent beach-no marsh *
+site on Pleistocene-Holocene sediments *

-site underlain by Barnwell-McBean *

VARZD Fabric-loose weave (Temperless & Sand tempered Paste)

+site in Atlantic coastal flatwoods **
+site adjacent beach-no marsh near *
+site underlain by PeeDee-Black Creek *

-site in Sandhills **

* Significance < .01
** Significance < .001

VARZE Fabric-rigid warp (Temperless & Sand tempered Paste)

+site in riverine wetland *
-site along a tributary **
-site in Sandhills *

VARZF Plain (Temperless & Sand tempered Paste)

+site in riverine wetland *
-no prominent drainage near **

D1 Coastal Shell Ring

+site in coastal marshland **
+site on a sea island **
+site adjacent tidal marshland **
+site within tidal marshland **
+site on Pleistocene-Holocene sediments **
+site in conifers **
+site unforested **
+site in Atlantic coastal flatwoods *
-site on NE side of river **
-site adjacent swamp **
-site in swamp hardwoods **
-site in riverine wetland *
-site underlain by Barnwell-McBean *

D2 Fresh or Salt Water Shell Midden (ex ring)

+site in coastal marshland **
+site in Atlantic coastal flatwoods **
+site on a sea island **
+site adjacent tidal marshland **
+site within tidal marshland **
+site on Pleistocene-Holocene sediments **
+site in conifers **
+site unforested **
+site adjacent beach-no marsh *
-site in grassland or woodlot **
-site in riverine wetland **
-site in Southern Coastal Plain **
-site on NE side of river **
-site on SW side of river **
-site adjacent swamp **
-site underlain by Barnwell-McBean **
-site in swamp hardwoods **
-site in Sandhills *
-no clear marsh,beach, swamp near *

D3 Earthen Mound

+site near 3 major soil associations **

* Significance < .01
** Significance < .001

APPENDIX VI

Attribute Occurrence: Count and Location Data

A. Coding Sheet: Individual attribute codes

B. Coding Sheet: Attributes not encountered

C. Attribute occurrence tables: Site Number, Number of Sherds, Collection location

B. Coding Sheet: Attributes Not Encountered Shaded

CERAMIC ARTIFACT INVENTORY

Site Number:
Site Name:

Institute of Archeology
and Anthropology

SURFACE FINISH Mode	PASTE CHARACTERISTICS Fiber	FS/Clay	FS/Grit	Sherd	Shell	Other
Punctate, linear sep.						
Punctate, drag & jab						
Punctate, random						
Punctate, geometric						
Finger pinched						
Dentate stamped						
Incised, fine						
Incised, wide						
SS, parallel thin						
SS,parallel thick						
SS, cross thin						
SS, cross thick						
Cord, parallel thin						
Cord, parallel thick						
Cord, cross thin						
Cord, cross thick						
Linear checkstamped						
Check stamped						
Fabric, loose wv						
Fabric, rigid wv						
Fabric, Net						
Plain						
Complicated thin						
Complicated med.						
Complicated thick						
Other (specify)						
Nondiagnostic						

WARE-GROUPS PRESENT
(after South)

Colono-Indian ____
York ____
Chicora ____
Wilmington ____
Cape Fear ____
Deptford ____
Thom's Creek ____
Stallings ____

COLLECTION LOCATION

Institute of Archeology and Anthropology ____
Charleston Museum ____
Other (specify) ____

MATERIAL IDENTIFICATION

Catelog numbers: _____

Other data _____

Recorded by:

Date:

A. Coding Sheet: Individual Attribute Codes

CERAMIC ARTIFACT INVENTORY

Site Number:
Site Name:

Institute of Archeology
and Anthropology

SURFACE FINISH Mode	PASTE CHARACTERISTICS Fiber	FS/Clay	FS/Grit	Sherd	Shell	Other
Punctate, linear sep.	001	027	053	079	105	
Punctate, drag & jab	002	028	054	080	106	
Punctate, random	003	029	055	081	107	
Punctate, geometric	004	030	056	082	108	
Finger pinched	005	031	057	083	109	
Dentate stamped	006	032	058	084	110	
Incised, fine	007	033	059	085	111	
Incised, wide	008	034	060	086	112	
SS, parallel thin	009	035	061	087	113	
SS,parallel thick	010	036	062	088	114	
SS, cross thin	011	037	063	089	115	
SS, cross thick	012	038	064	090	116	
Cord, parallel thin	013	039	065	091	117	
Cord, parallel thick	014	040	066	092	118	
Cord, cross thin	015	041	067	093	119	
Cord, cross thick	016	042	068	094	120	
Linear checkstamped	017	043	069	095	121	
Check stamped	018	044	070	096	122	
Fabric, loose wv	019	045	071	097	123	
Fabric, rigid wv	020	046	072	098	124	
Fabric, Net	021	047	073	099	125	
Plain	022	048	074	100	126	
Complicated thin	023	049	075	101	127	
Complicated med.	024	050	076	102	128	
Complicated thick	025	051	077	103	129	
Other (specify)						
Nondiagnostic	026	052	078	104	130	

WARE-GROUPS PRESENT
(after South)

Colono-Indian ____
York ____
Chicora ____
Wilmington ____
Cape Fear ____
Deptford ____
Thom's Creek ____
Stallings ____

COLLECTION LOCATION

Institute of Archeology and Anthropology ____
Charleston Museum ____
Other (specify) ____

MATERIAL IDENTIFICATION

Catelog numbers: _____

Other data _____

Recorded by:

Date:

APPENDIX VI

C.
Attribute Occurrence Tables

Site Number (Smithsonian River Basin Surveys Classification)
Number of sherds noted with attribute
Collection location
Totals (Number of sites, collections, sherds)

LINEAR SEPARATE PUNCTATIONS
FIBER TEMPER

ATTRIBUTE NUMBER 1

SITE NO	FREQ	LOCATION
38AK041	1	IAA COLLECTIONS
38AL002	3	IAA COLLECTIONS
38AL022	1	IAA COLLECTIONS
38AL056	5	IAA COLLECTIONS
38BUA06	17	CHARLESTON MUSEUM
38BUB08	12	IAA COLLECTIONS
38BUC08	6	IAA COLLECTIONS
38BUD08	15	IAA COLLECTIONS
38BU007	3	IAA COLLECTIONS
38BU009	7	IAA COLLECTIONS
38BU021	3	IAA COLLECTIONS
38BU026	10	CHARLESTON MUSEUM
38BU029	12	IAA COLLECTIONS
38BU029	131	CHARLESTON MUSEUM
38BU032	24	IAA COLLECTIONS
38BU032	8	CHARLESTON MUSEUM
38BU037	1	CHARLESTON MUSEUM
38BU042	4	CHARLESTON MUSEUM
38BU043	1	CHARLESTON MUSEUM
38BU045	1	CHARLESTON MUSEUM
38CB001	13	CHARLESTON MUSEUM
38CH007	6	IAA COLLECTIONS
38CH021	3	CHARLESTON MUSEUM
38CH042	1	IAA COLLECTIONS
38CH061	11	IAA COLLECTIONS
38CH062	3	IAA COLLECTIONS
38JA033	1	IAA COLLECTIONS

22 sites/ 27 collections/ 303 sherds

DRAG & JAB PUNCTATIONS
FIBER TEMPER

ATTRIBUTE NUMBER 2

SITE NO	FREQ	LOCATION
38AK041	1	IAA COLLECTIONS
38AL022	1	IAA COLLECTIONS
38AL056	1	IAA COLLECTIONS
38BM021	1	PARLER COLLECTION
38BR003	1	IAA COLLECTIONS
38BR026	1	IAA COLLECTIONS
38BUA08	5	CHARLESTON MUSEUM
38BUB08	14	IAA COLLECTIONS
38BUD08	8	IAA COLLECTIONS
38BU007	1	IAA COLLECTIONS
38BU009	1	IAA COLLECTIONS

ATTRIBUTE NUMBER 2

38BU026	3	CHARLESTON MUSEUM
38BU029	2	IAA COLLECTIONS
38BU029	104	CHARLESTON MUSEUM
38BU032	4	IAA COLLECTIONS
38BU032	4	CHARLESTON MUSEUM
38BU042	5	CHARLESTON MUSEUM
38BU048	1	CHARLESTON MUSEUM
38CB001	27	CHARLESTON MUSEUM
38CH007	3	IAA COLLECTIONS
38CH061	2	IAA COLLECTIONS

17 sites/ 21 collections/ 190 sherds

RANDOM PUNCTATIONS
FIBER TEMPER

ATTRIBUTE NUMBER 3

SITE NO	FREQ	LOCATION
38AL070	1	SNAILS COLLECTION
38BUA08	1	CHARLESTON MUSEUM
38BUC08	1	IAA COLLECTIONS
38BU028	1	CHARLESTON MUSEUM
38BU029	9	CHARLESTON MUSEUM
38BU032	1	CHARLESTON MUSEUM

5 sites/ 6 collections/ 14 sherds

GEOMETRIC PUNCTATIONS
FIBER TEMPER

ATTRIBUTE NUMBER 4

SITE NO	FREQ	LOCATION
38BU029	7	CHARLESTON MUSEUM
38CH061	1	IAA COLLECTIONS

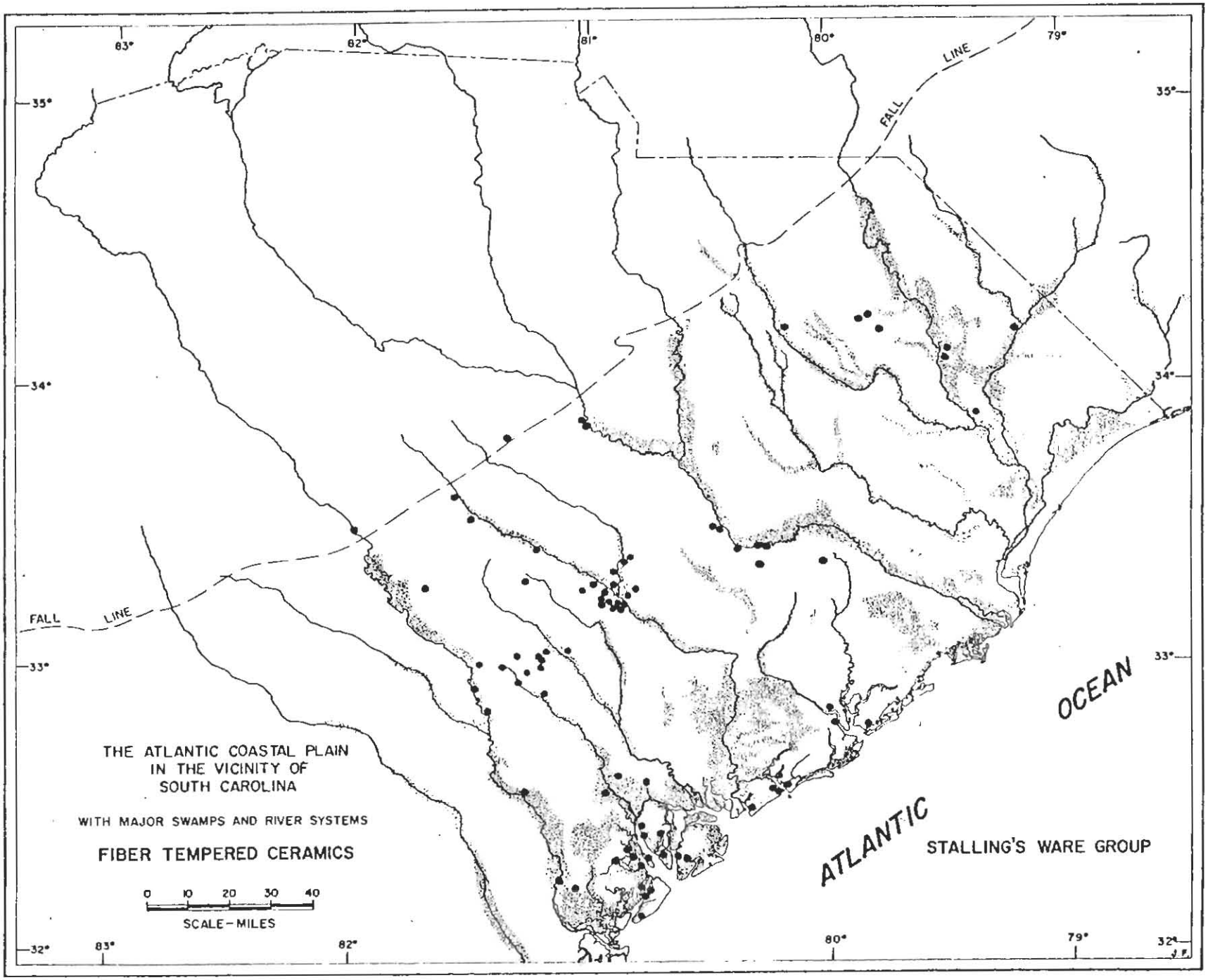
2 sites/ 2 collections/ 8 sherds

FINGER-PINCHED
FIBER TEMPER

ATTRIBUTE NUMBER 5

SITE NO	FREQ	LOCATION
38BU029	2	CHARLESTON MUSEUM

1 site/ 1 collection/ 2 sherds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FALL LINE
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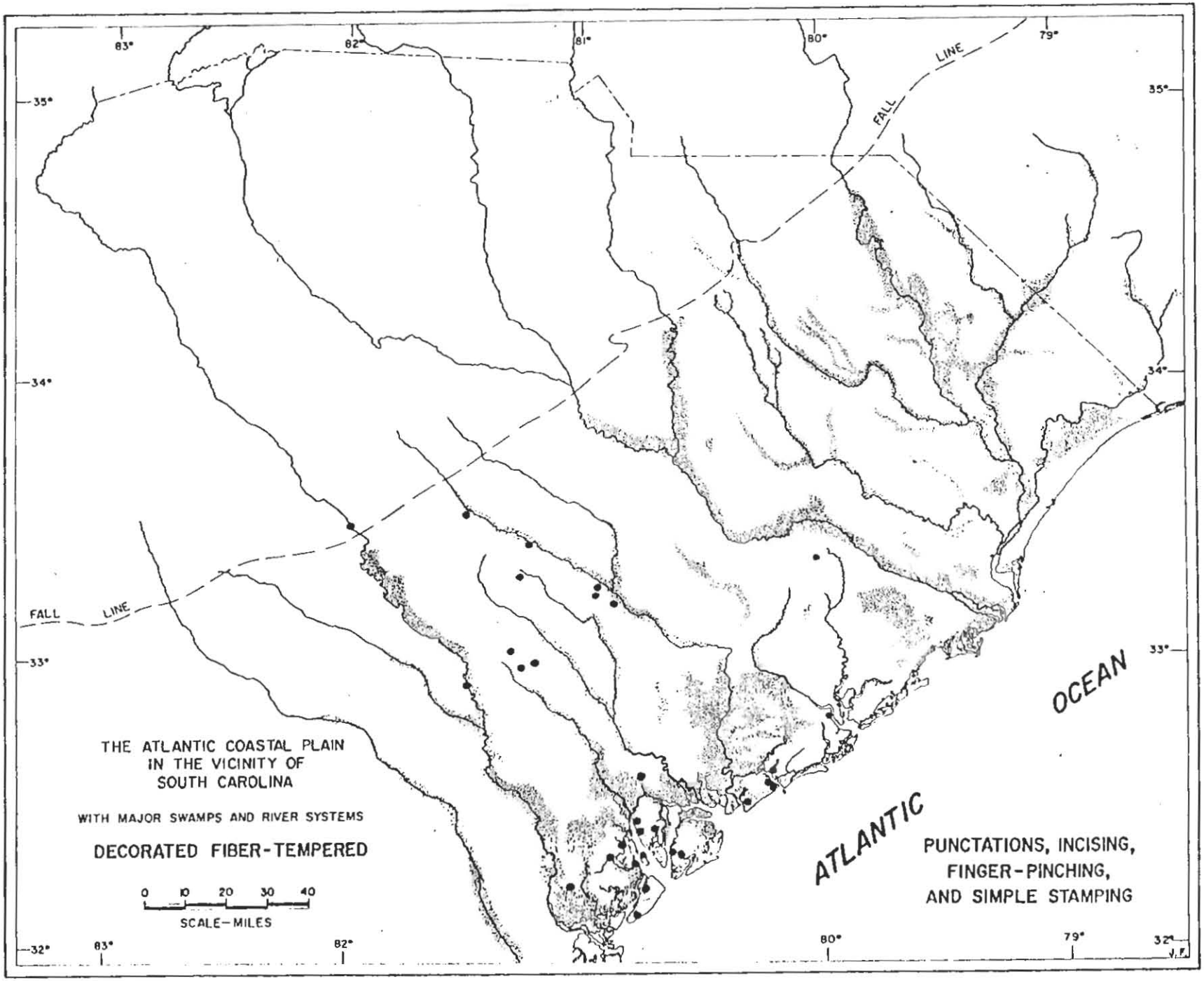
THE ATLANTIC COASTAL PLAIN
IN THE VICINITY OF
SOUTH CAROLINA
WITH MAJOR SWAMPS AND RIVER SYSTEMS
FIBER TEMPERED CERAMICS
STALLING'S WARE GROUP
0 10 20 30 40
SCALE - MILES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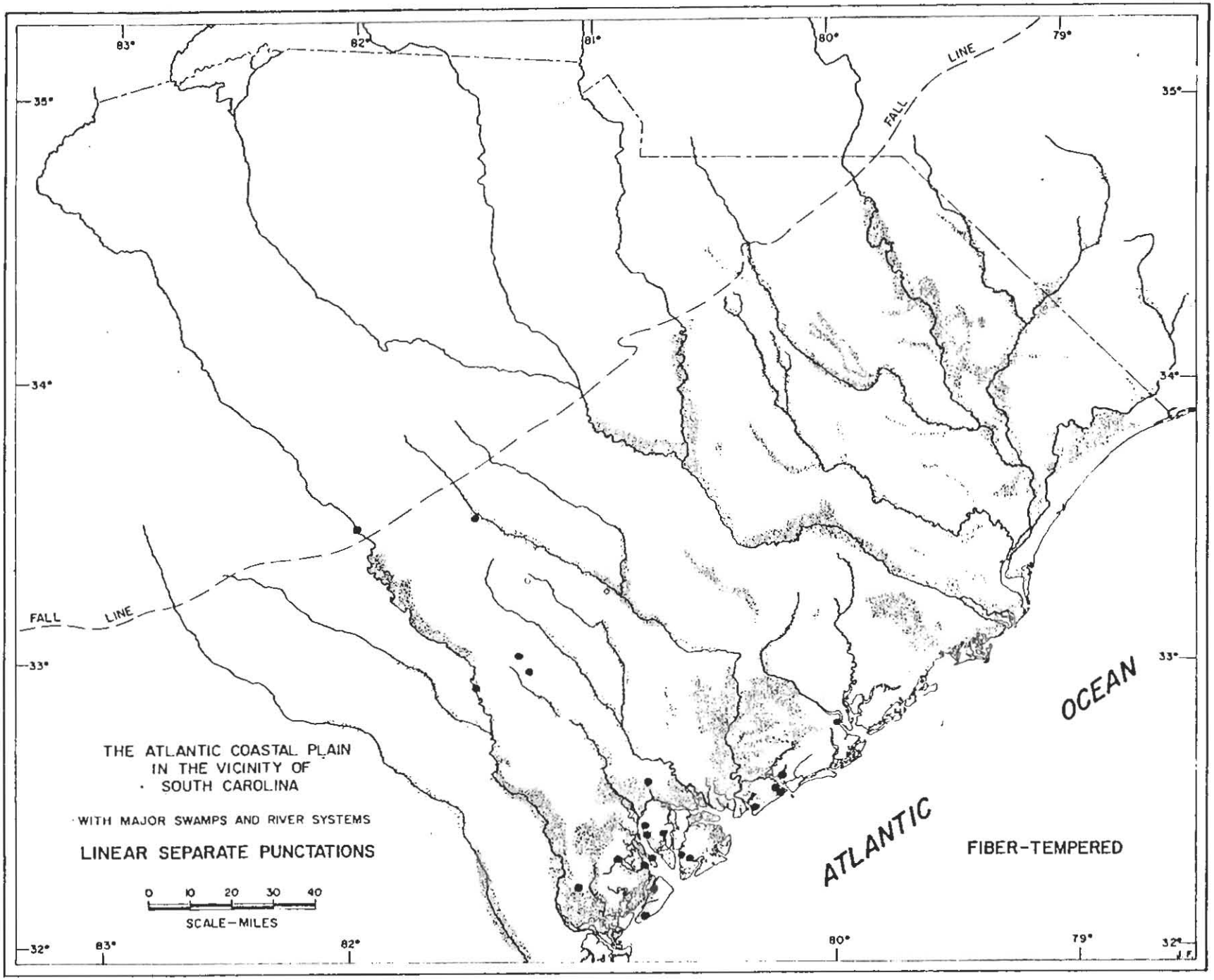
IN THE VICINITY OF
SOUTH CAROLINA
WITH MAJOR SWAMPS AND RIVER SYSTEMS
DECORATED FIBER-TEMPERED
0 10 20 30 40
SCALE—MILES
ATLANTIC
OCEAN
PUNCTATIONS, INCISING,
FINGER-PINCHING,
AND SIMPLE STAMPING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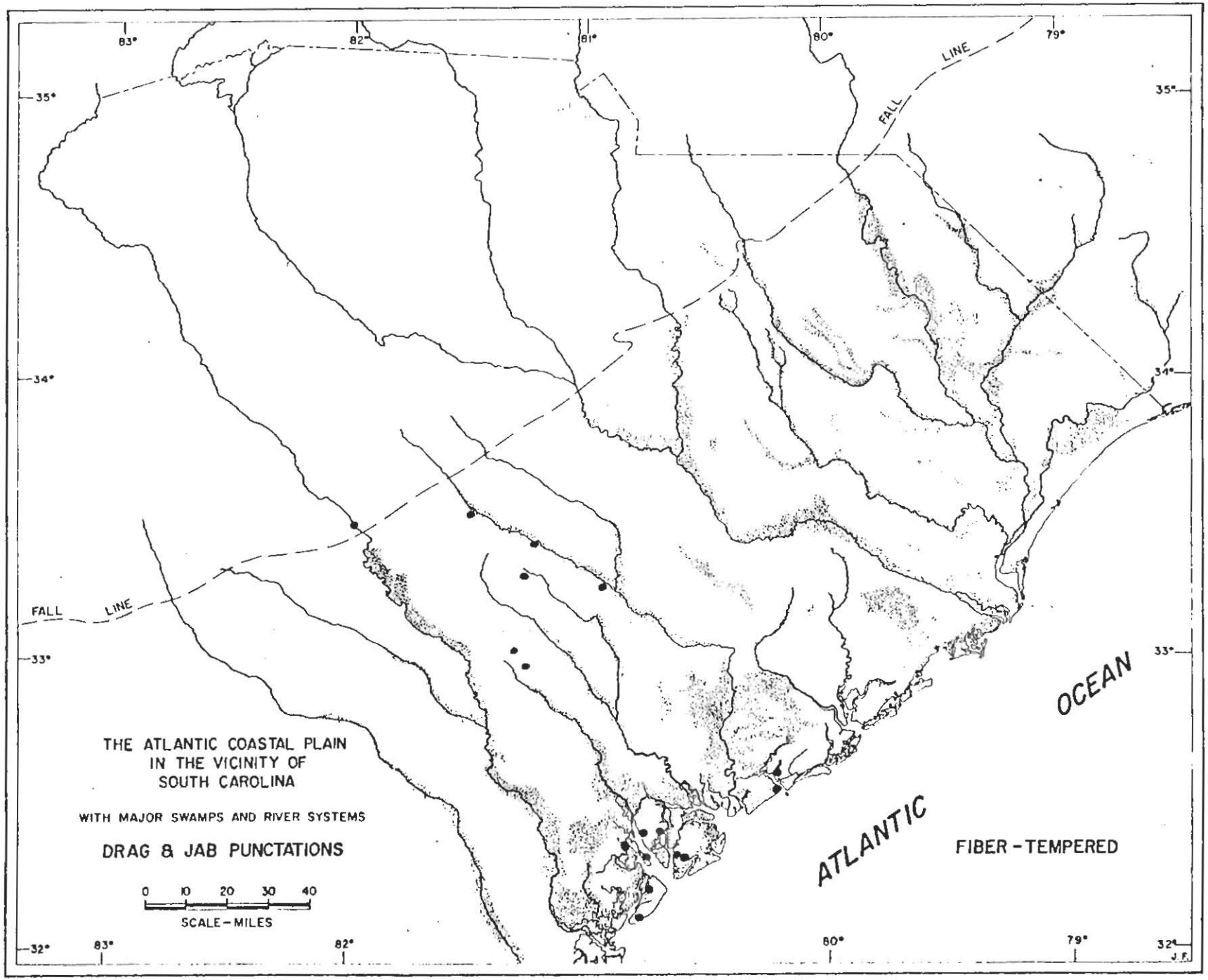
IN THE VICINITY OF
SOUTH CAROLINA
WITH MAJOR SWAMPS AND RIVER SYSTEMS
LINEAR SEPARATE PUNCTATIONS
FIBER-TEMPERED
0 10 20 30 40
SCALE-MILES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THE ATLANTIC COASTAL PLAIN
IN THE VICINITY OF
SOUTH CAROLINA
WITH MAJOR SWAMPS AND RIVER SYSTEMS
DRAG & JAB PUNCTATIONS
0 10 20 30 40
SCALE – MILES
ATLANTIC
OCEAN
FIBER-TEMPERED

FINE INCISED
FIBER TEMPER

ATTRIBUTE NUMBER 7

SITE NO	FREQ	LOCATION
38BU009	1	IAA COLLECTIONS
38BU028	1	CHARLESTON MUSEUM
38BU029	3	CHARLESTON MUSEUM
38BU032	1	IAA COLLECTIONS
38CH042	1	IAA COLLECTIONS

5 sites/ 5 collections/ 7 sherds

WIDE INCISED
FIBER TEMPER

ATTRIBUTE NUMBER 8

SITE NO	FREQ	LOCATION
38BU029	5	CHARLESTON MUSEUM
38CB001	2	CHARLESTON MUSEUM

2 sites/ 2 collections/ 7 sherds

PARALLEL WIDE SIMPLE STAMP
FIBER TEMPER

ATTRIBUTE NUMBER 10

SITE NO	FREQ	LOCATION
38AL002	1	IAA COLLECTIONS
38BK132	1	IAA COLLECTIONS
38BM025	1	PARLER COLLECTION
38BM031	1	PARLER COLLECTION
38BU029	2	CHARLESTON MUSEUM
38CB001	2	CHARLESTON MUSEUM

6 sites/ 6 collections/ 8 sherds

CROSS THIN SIMPLE STAMP
FIBER TEMPER

ATTRIBUTE NUMBER 11

SITE NO	FREQ	LOCATION
38BU009	4	IAA COLLECTIONS

CROSS WIDE SIMPLE STAMP
FIBER TEMPER

ATTRIBUTE NUMBER 12

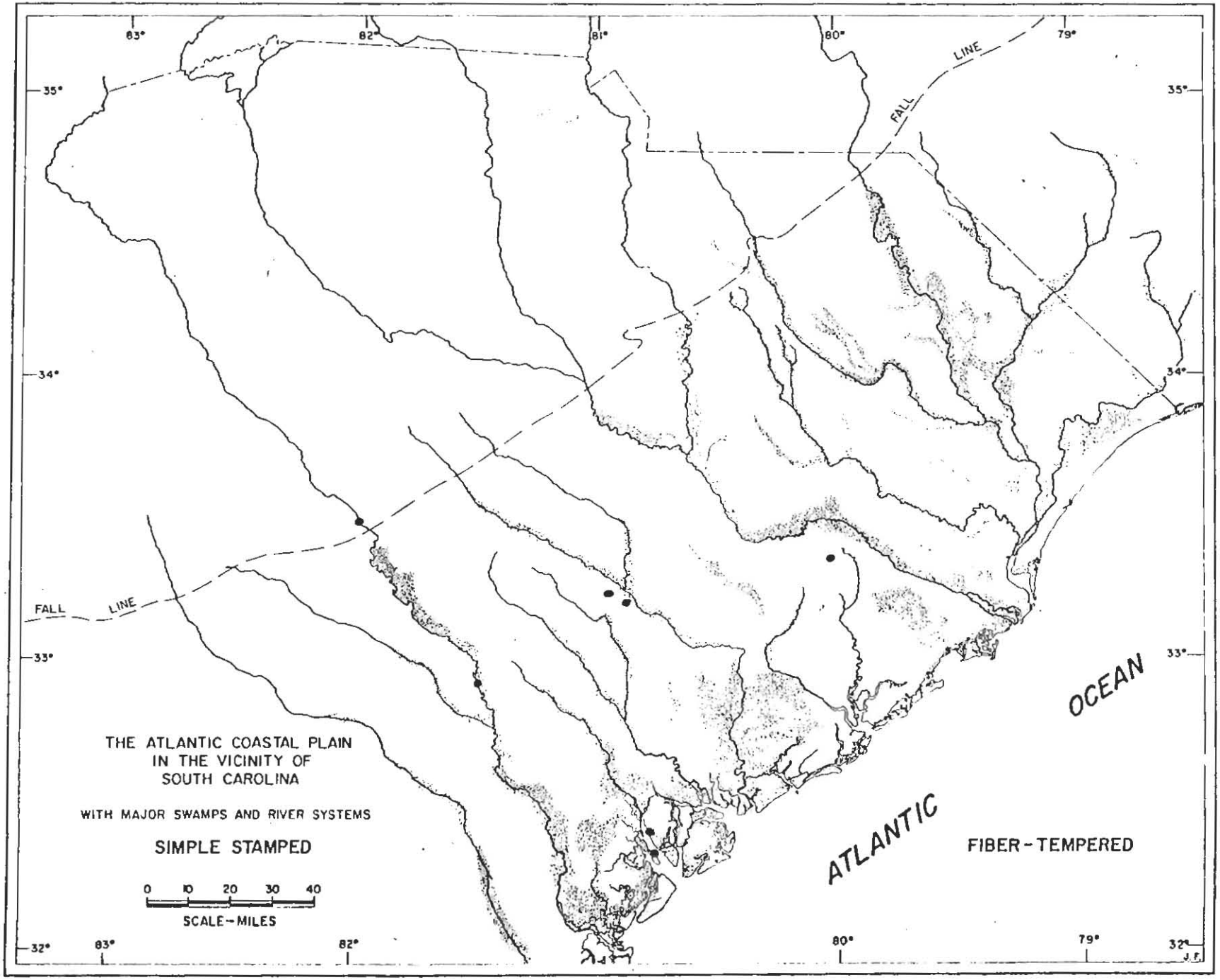
SITE NO	FREQ	LOCATION
38BU009	2	IAA COLLECTIONS
38CB001	1	CHARLESTON MUSEUM

2 sites/ 3 collections/ 3 sherds

PLAIN
FIBER TEMPER

ATTRIBUTE NUMBER 22

SITE NO	FREQ	LOCATION
38AK044	1	SWAILS COLLECTION
38AK140	1	IAA COLLECTIONS
38AL002	15	IAA COLLECTIONS
38AL012	4	IAA COLLECTIONS
38AL024	4	IAA COLLECTIONS
38AL056	8	IAA COLLECTIONS
38AL058	1	IAA COLLECTIONS
38AL075	1	SWAILS COLLECTION
38AL076	1	SWAILS COLLECTION
38AL078	3	SWAILS COLLECTION
38BK132	34	IAA COLLECTIONS
38BM004	5	LEE COLLECTION
38BM006	4	IAA COLLECTIONS
38BM006	5	LEE COLLECTION
38BM015	4	LEE COLLECTION
38BM015	1	PARLER COLLECTION
38BM024	24	LEE COLLECTION
38BM025	2	LEE COLLECTION
38BM026	4	LEE COLLECTION
38BM026	1	PARLER COLLECTION
38BM031	2	LEE COLLECTION
38BM031	2	PARLER COLLECTION
38BM036	12	LEE COLLECTION
38BM039	2	SWAILS COLLECTION
38BR003	2	IAA COLLECTIONS
38BUA08	6	CHARLESTON MUSEUM
38BU008	9	IAA COLLECTIONS
38BU008	42	IAA COLLECTIONS
38BU002	1	IAA COLLECTIONS
38BU007	1	IAA COLLECTIONS
38BU009	425	IAA COLLECTIONS
38BU021	18	IAA COLLECTIONS
38BU028	10	CHARLESTON MUSEUM
38BU029	5	IAA COLLECTIONS
38BU032	8	IAA COLLECTIONS
38BU032	1	CHARLESTON MUSEUM
38BU039	2	CHARLESTON MUSEUM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FALL LINE
FALL LINE
OCEAN
ATLANTIC
THE ATLANTIC COASTAL PLAIN
IN THE VICINITY OF
SOUTH CAROLINA
WITH MAJOR SWAMPS AND RIVER SYSTEMS
SIMPLE STAMPED
FIBER-TEMPERED
0 10 20 30 40
SCALE-MILES

ATTRIBUTE NUMBER 22

SITE NO	FREQ	LOCATION
38BU048	1	CHARLESTON MUSEUM
38BU063	1	IAA COLLECTIONS
38BU067	2	IAA COLLECTIONS
38CB001	22	CHARLESTON MUSEUM
38CH007	5	IAA COLLECTIONS
38CH014	3	IAA COLLECTIONS
38CH042	45	IAA COLLECTIONS
38CH061	40	IAA COLLECTIONS
38CH062	1	IAA COLLECTIONS
38CH142	1	CUTHBERT COLLECTION
38CH212	3	IAA COLLECTIONS
38CL021	2	IAA COLLECTIONS
38DA0A1	2	CHARLESTON MUSEUM
38DA001	1	CHARLESTON MUSEUM
38DA002	1	CHARLESTON MUSEUM
38FL002	1	CHARLESTON MUSEUM
38HA002	13	IAA COLLECTIONS
38HA011	4	IAA COLLECTIONS
38JA001	2	IAA COLLECTIONS
38JA010	3	IAA COLLECTIONS
38JA020	4	IAA COLLECTIONS
38JA033	1	IAA COLLECTIONS
38LE011	3	IAA COLLECTIONS
38LX002	2	CHARLESTON MUSEUM
38LX017	1	IAA COLLECTIONS
38MA002	3	CHARLESTON MUSEUM
38MA034	2	IAA COLLECTIONS
38MA036	3	IAA COLLECTIONS
38MA045	2	IAA COLLECTIONS
38OR009	4	IAA COLLECTIONS
38OR018	2	IAA COLLECTIONS
38OR020	1	IAA COLLECTIONS
38OR026	3	IAA COLLECTIONS
38OR030	1	IAA COLLECTIONS
38OR033	2	IAA COLLECTIONS
38OR038	2	IAA COLLECTIONS
38OR040	3	IAA COLLECTIONS
38OR064	2	LEE COLLECTION
38OR066	4	LEE COLLECTION
38OR072	9	LEE COLLECTION
38OR073	1	LEE COLLECTION

70 sites/ 78 collections/ 931 sherds

NONDIAGNOSTIC
FIBER TEMPER

ATTRIBUTE NUMBER 26

SITE NO	FREQ	LOCATION
38AL002	1	IAA COLLECTIONS
38AL043	1	IAA COLLECTIONS

ATTRIBUTE NUMBER 26

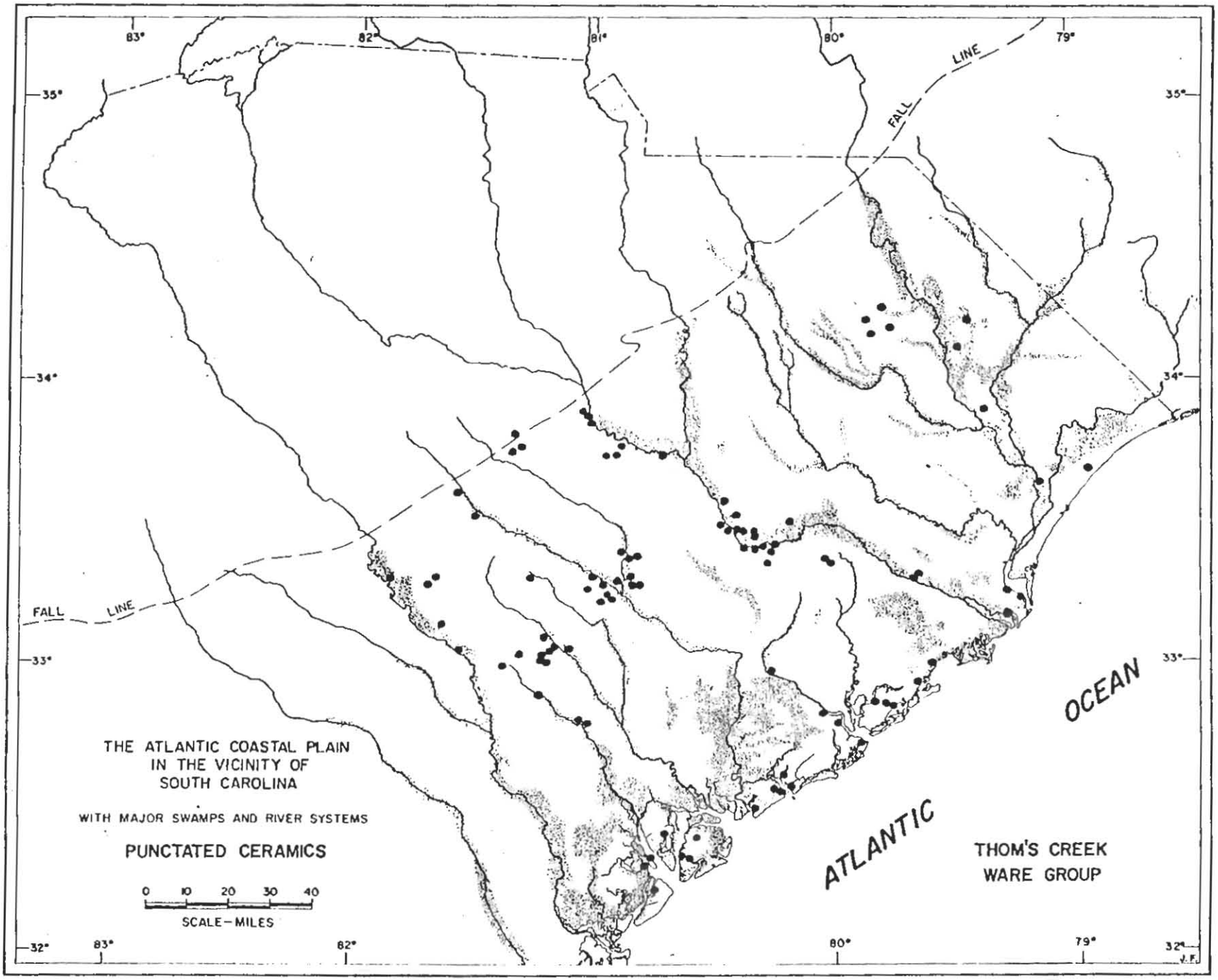
SITE NO	FREQ	LOCATION
38AL056	6	IAA COLLECTIONS
38AL058	1	IAA COLLECTIONS
38BM004	1	LEE COLLECTION
38BM028	1	PARLER COLLECTION
38BR003	1	IAA COLLECTIONS
38BU008	5	IAA COLLECTIONS
38BU008	26	IAA COLLECTIONS
38BU009	78	IAA COLLECTIONS
38BU021	4	IAA COLLECTIONS
38BU029	1	IAA COLLECTIONS
38BU032	3	IAA COLLECTIONS
38CB001	3	CHARLESTON MUSEUM
38CH042	9	IAA COLLECTIONS
38CH061	15	IAA COLLECTIONS
38CH062	6	IAA COLLECTIONS
38HA002	3	IAA COLLECTIONS
38HA011	1	IAA COLLECTIONS
38JA001	1	IAA COLLECTIONS
38LE011	3	IAA COLLECTIONS
38OR009	1	IAA COLLECTIONS
38OR030	5	IAA COLLECTIONS

22 sites/ 23 collections/ 176 sherds

LINEAR SEPARATE PUNCTATIONS
FINE SAND/CLAY

ATTRIBUTE NUMBER 27

SITE NO	FREQ	LOCATION
38AK142	4	IAA COLLECTIONS
38BK010	4	CHARLESTON MUSEUM
38BK132	1	IAA COLLECTIONS
38BU808	1	IAA COLLECTIONS
38BU009	3	IAA COLLECTIONS
38BU026	2	CHARLESTON MUSEUM
38BU032	3	CHARLESTON MUSEUM
38BU040	1	CHARLESTON MUSEUM
38BU042	3	CHARLESTON MUSEUM
38CHA23	2	IAA COLLECTIONS
38CH008	23	CHARLESTON MUSEUM
38CH009	6	CHARLESTON MUSEUM
38CH012	13	IAA COLLECTIONS
38CH012	42	CHARLESTON MUSEUM
38CH014	4	IAA COLLECTIONS
38CH014	22	CHARLESTON MUSEUM
38CH023	7	CHARLESTON MUSEUM
38CH030	1	CHARLESTON MUSEUM
38CH031	7	CHARLESTON MUSEUM
38CH042	12	IAA COLLECTIONS
38CH042	13	CHARLESTON MUSEUM
38CH061	20	IAA COLLECTIONS
38CH062	69	IAA COLLECTIONS
38CH062	1	CHARLESTON MUSEUM
38CH217	11	CHARLESTON MUSEUM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SOUTH CAROLINA
WITH MAJOR SWAMPS AND RIVER SYSTEMS
PUNCTATED CERAMICS
THOM'S CREEK
WARE GROUP
0 10 20 30 40
SCALE – MILES

ATTRIBUTE NUMBER 27

SITE NO	FREQ	LOCATION
38CL004	2	IAA COLLECTIONS
38CL018	4	IAA COLLECTIONS
38CL021	3	IAA COLLECTIONS
38CR006	1	CHARLESTON MUSEUM
38CR008	5	CHARLESTON MUSEUM
38CR019	7	IAA COLLECTIONS
38CR024	5	IAA COLLECTIONS
38DA001	2	CHARLESTON MUSEUM
38DA001	3	CHARLESTON MUSEUM
38FL001	2	CHARLESTON MUSEUM
38FL002	2	CHARLESTON MUSEUM
38GE005	150	IAA COLLECTIONS
38GE046	3	IAA COLLECTIONS
38GE047	1	IAA COLLECTIONS
38HR022	1	IAA COLLECTIONS
38LX002	2	CHARLESTON MUSEUM
38LX018	1	SWAILS COLLECTION
38LX021	2	IAA COLLECTIONS
38MA001	4	CHARLESTON MUSEUM
38MA034	1	IAA COLLECTIONS
38MA045	1	IAA COLLECTIONS
38OR020	3	IAA COLLECTIONS
38OR065	3	LEE COLLECTION

42 sites/ 48 collections/ 483 sherds

DRAG & JAB PUNCTATIONS
FINE SAND/CLAY

ATTRIBUTE NUMBER 28

SITE NO	FREQ	LOCATION
38AL056	1	IAA COLLECTIONS
38AL056	4	IAA COLLECTIONS
38BU808	1	IAA COLLECTIONS
38BU028	1	CHARLESTON MUSEUM
38BU032	1	CHARLESTON MUSEUM
38BU042	5	CHARLESTON MUSEUM
38CH007	1	IAA COLLECTIONS
38CH008	3	CHARLESTON MUSEUM
38CH009	2	CHARLESTON MUSEUM
38CH012	6	CHARLESTON MUSEUM
38CH014	3	IAA COLLECTIONS
38CH014	3	CHARLESTON MUSEUM
38CH023	4	CHARLESTON MUSEUM
38CH031	1	CHARLESTON MUSEUM
38CH042	60	IAA COLLECTIONS
38CH042	4	CHARLESTON MUSEUM
38CH062	18	IAA COLLECTIONS
38CH062	2	CHARLESTON MUSEUM
38CR019	1	IAA COLLECTIONS
38DA001	1	CHARLESTON MUSEUM

16 sites/ 20 collections/ 122 sherds

RANDOM PUNCTATIONS
FINE SAND/CLAY

ATTRIBUTE NUMBER 29

SITE NO	FREQ	LOCATION
38BM039	1	SWAILS COLLECTION
38BU032	1	CHARLESTON MUSEUM
38BU037	1	CHARLESTON MUSEUM
38CH008	3	CHARLESTON MUSEUM
38CH012	1	CHARLESTON MUSEUM
38CH014	1	IAA COLLECTIONS
38CH014	1	CHARLESTON MUSEUM
38CH023	2	CHARLESTON MUSEUM
38CH061	1	IAA COLLECTIONS
38CH062	1	CHARLESTON MUSEUM
38CR008	2	CHARLESTON MUSEUM

10 sites/ 11 collections/ 15 sherds

GEOMETRIC PUNCTATIONS
FINE SAND/CLAY

ATTRIBUTE NUMBER 30

SITE NO	FREQ	LOCATION
38AK007	1	CHARLESTON MUSEUM
38CH031	1	CHARLESTON MUSEUM
38CH061	2	IAA COLLECTIONS

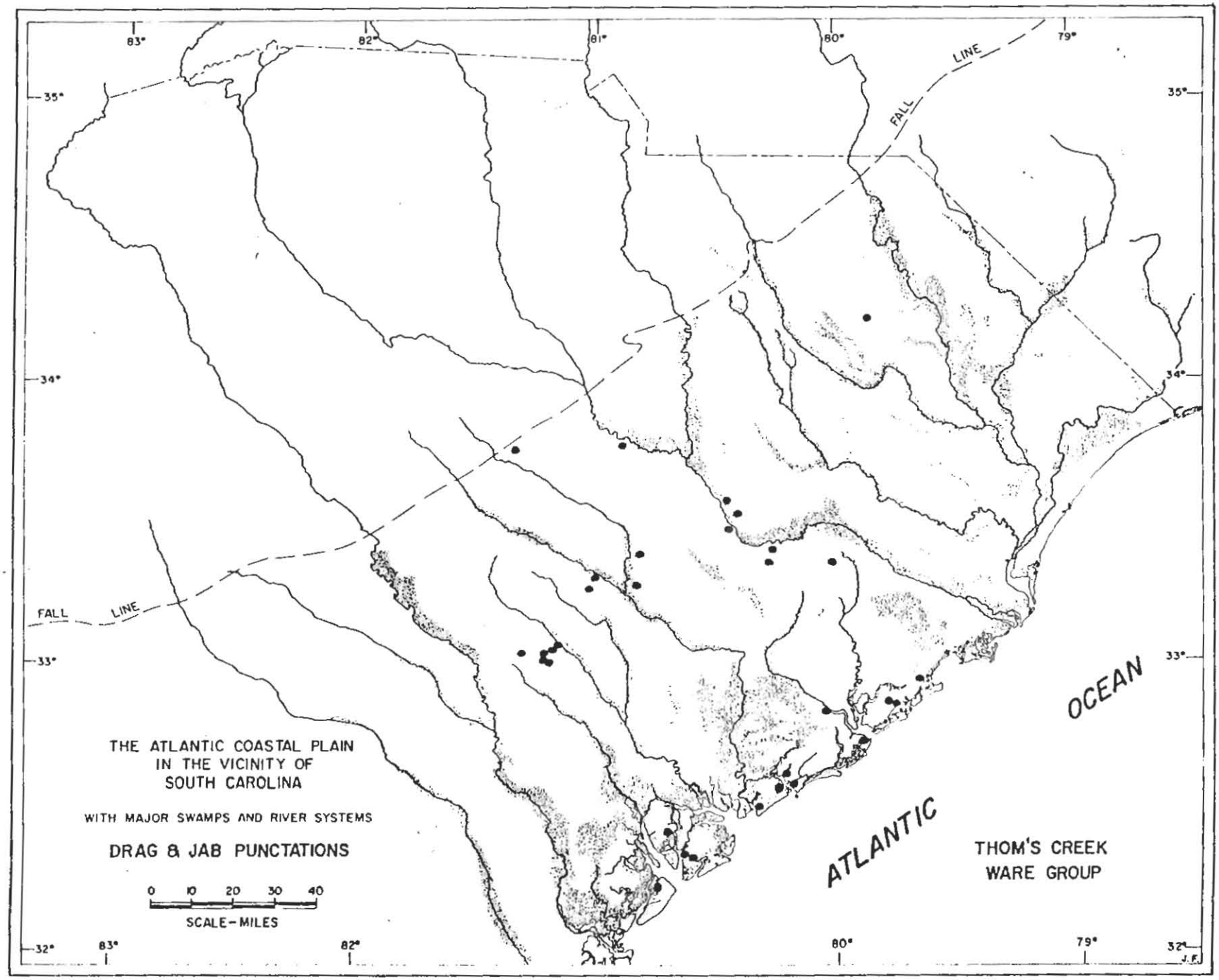
3 sites/ 3 collections/ 4 sherds

FINGER-PINCHED
FINE SAND/CLAY

ATTRIBUTE NUMBER 31

SITE NO	FREQ	LOCATION
38BU028	1	CHARLESTON MUSEUM
38CHA23	30	IAA COLLECTIONS
38CHA60	2	IAA COLLECTIONS
38CH008	56	CHARLESTON MUSEUM
38CH009	14	CHARLESTON MUSEUM
38CH012	6	IAA COLLECTIONS
38CH012	8	CHARLESTON MUSEUM
38CH014	5	CHARLESTON MUSEUM
38CH023	3	IAA COLLECTIONS
38CH023	109	CHARLESTON MUSEUM
38CH041	7	IAA COLLECTIONS
38CH047	1	CHARLESTON MUSEUM
38CH217	1	CHARLESTON MUSEUM

11 sites/ 13 collections/ 213 sherds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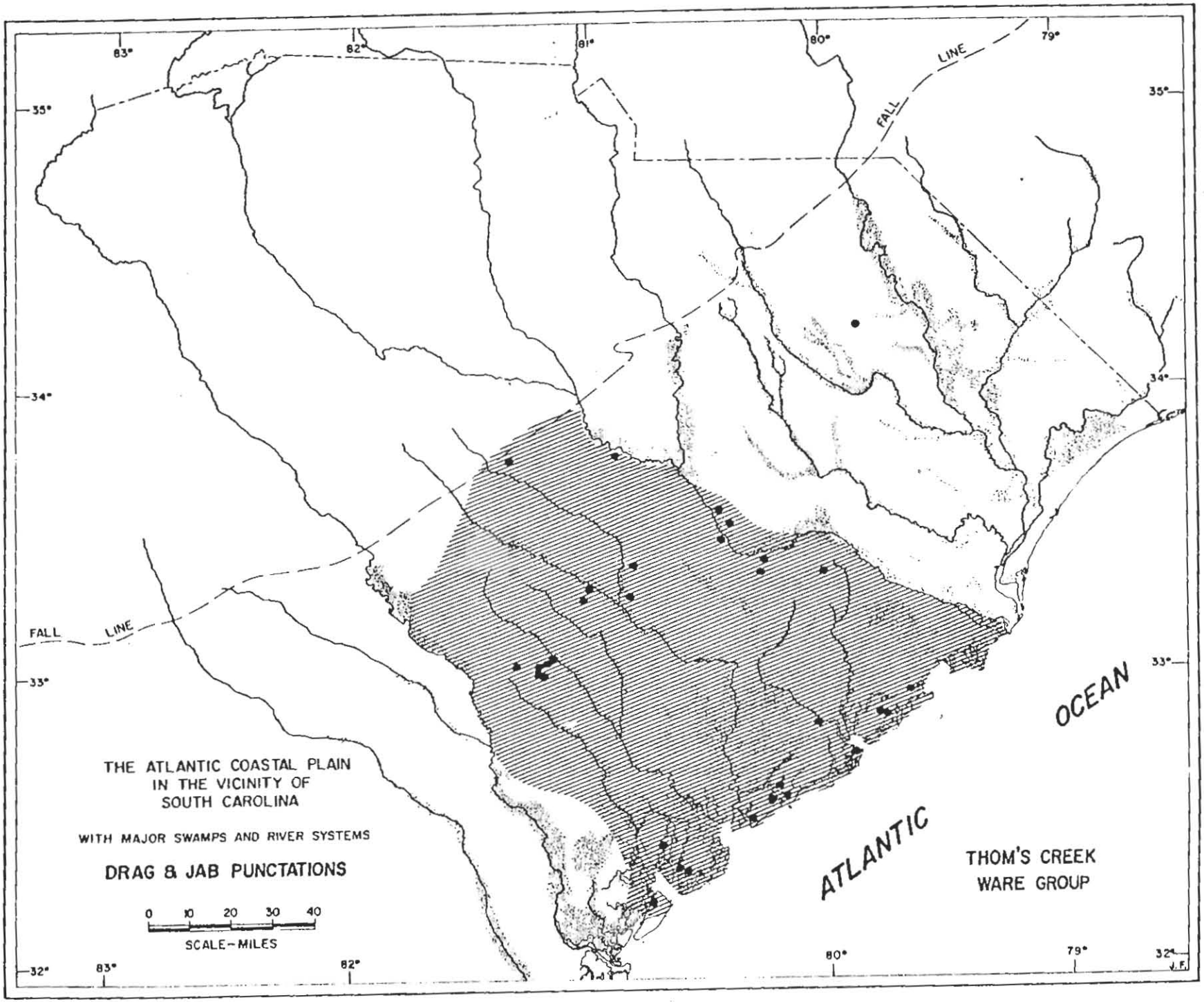
THOM'S CREEK
WARE GROUP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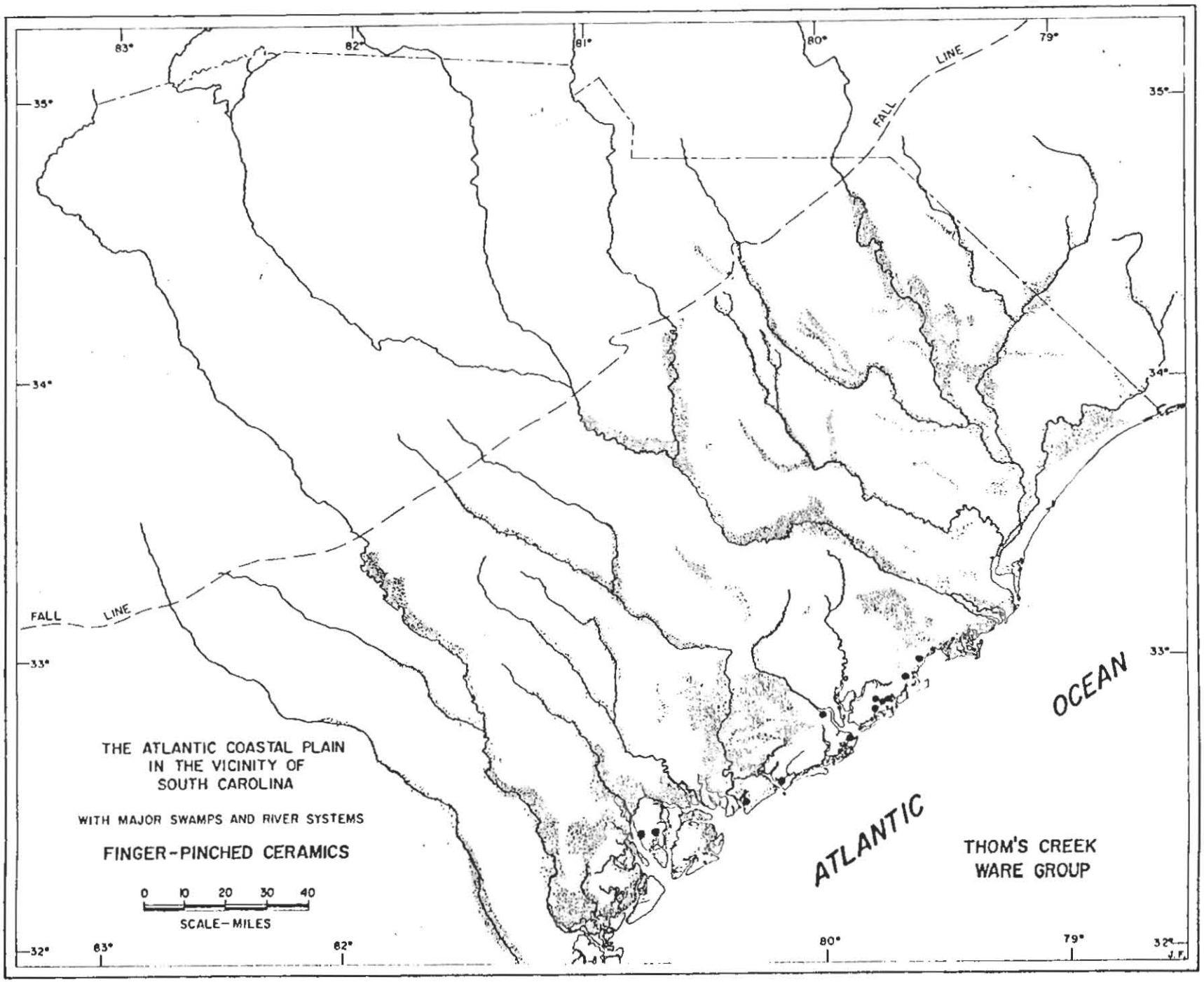
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WARE GROUP
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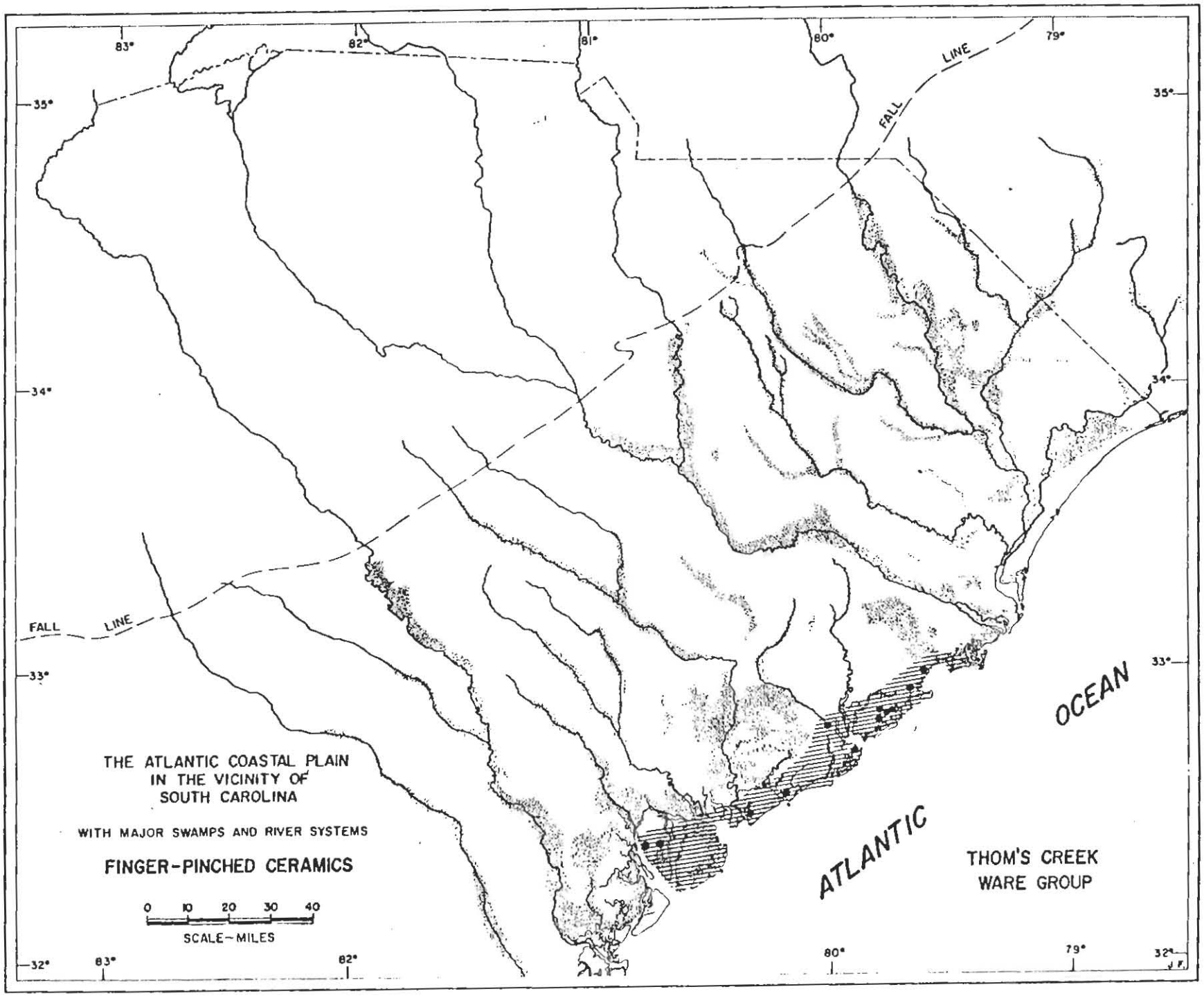
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FINGER-PINCHED CERAMICS
THOM'S CREEK
WARE GROUP
0 10 20 30 40
SCALE-MILES

DENTATE STAMPED
FINE SAND/CLAY

ATTRIBUTE NUMBER 32

SITE NO	FREQ	LOCATION
38BK010	2	CHARLESTON MUSEUM
38BK132	1	IAA COLLECTIONS
38CH142	2	CUTHBERT COLLECTION
38CR008	2	CHARLESTON MUSEUM
38GE046	1	IAA COLLECTIONS
38LX017	2	IAA COLLECTIONS
38OR009	2	IAA COLLECTIONS
38OR020	2	IAA COLLECTIONS

8 sites/ 8 collections/ 14 sherds

FINE INCISED
FINE SAND/CLAY

ATTRIBUTE NUMBER 33

SITE NO	FREQ	LOCATION
38AL026	1	IAA COLLECTIONS
38BM004	1	LEE COLLECTION
38BM006	1	LEE COLLECTION
38BM031	1	PARLER COLLECTION
38BU009	2	IAA COLLECTIONS
38BU028	3	CHARLESTON MUSEUM
38CH008	1	CHARLESTON MUSEUM
38CH009	1	CHARLESTON MUSEUM
38CH012	2	IAA COLLECTIONS
38CH012	1	CHARLESTON MUSEUM
38CH021	1	CHARLESTON MUSEUM
38CH023	1	CHARLESTON MUSEUM
38DA001	1	CHARLESTON MUSEUM
38GE005	5	IAA COLLECTIONS
38GE046	3	IAA COLLECTIONS
38MA038	1	IAA COLLECTIONS

15 sites/ 16 collections/ 26 sherds

WIDE INCISED
FINE SAND/CLAY

ATTRIBUTE NUMBER 34

SITE NO	FREQ	LOCATION
38BM023	1	LEE COLLECTION
38BU027	1	CHARLESTON MUSEUM

ATTRIBUTE NUMBER 34

38BU048	1	CHARLESTON MUSEUM
38CH008	4	CHARLESTON MUSEUM
38CH012	4	CHARLESTON MUSEUM
38CH061	1	IAA COLLECTIONS
38CR006	1	CHARLESTON MUSEUM
38GE005	4	IAA COLLECTIONS
38GE029	1	IAA COLLECTIONS

9 sites/ 9 collections/ 18 sherds

PARALLEL THIN SIMPLE STAMP
FINE SAND/CLAY

ATTRIBUTE NUMBER 35

SITE NO	FREQ	LOCATION
38AK007	1	IAA COLLECTIONS
38AL026	2	IAA COLLECTIONS
38CH009	1	CHARLESTON MUSEUM
38DA001	1	CHARLESTON MUSEUM
38GE005	1	IAA COLLECTIONS
38GE029	1	IAA COLLECTIONS
38HA001	2	IAA COLLECTIONS
38KE012	1	IAA COLLECTIONS
38OR030	1	IAA COLLECTIONS

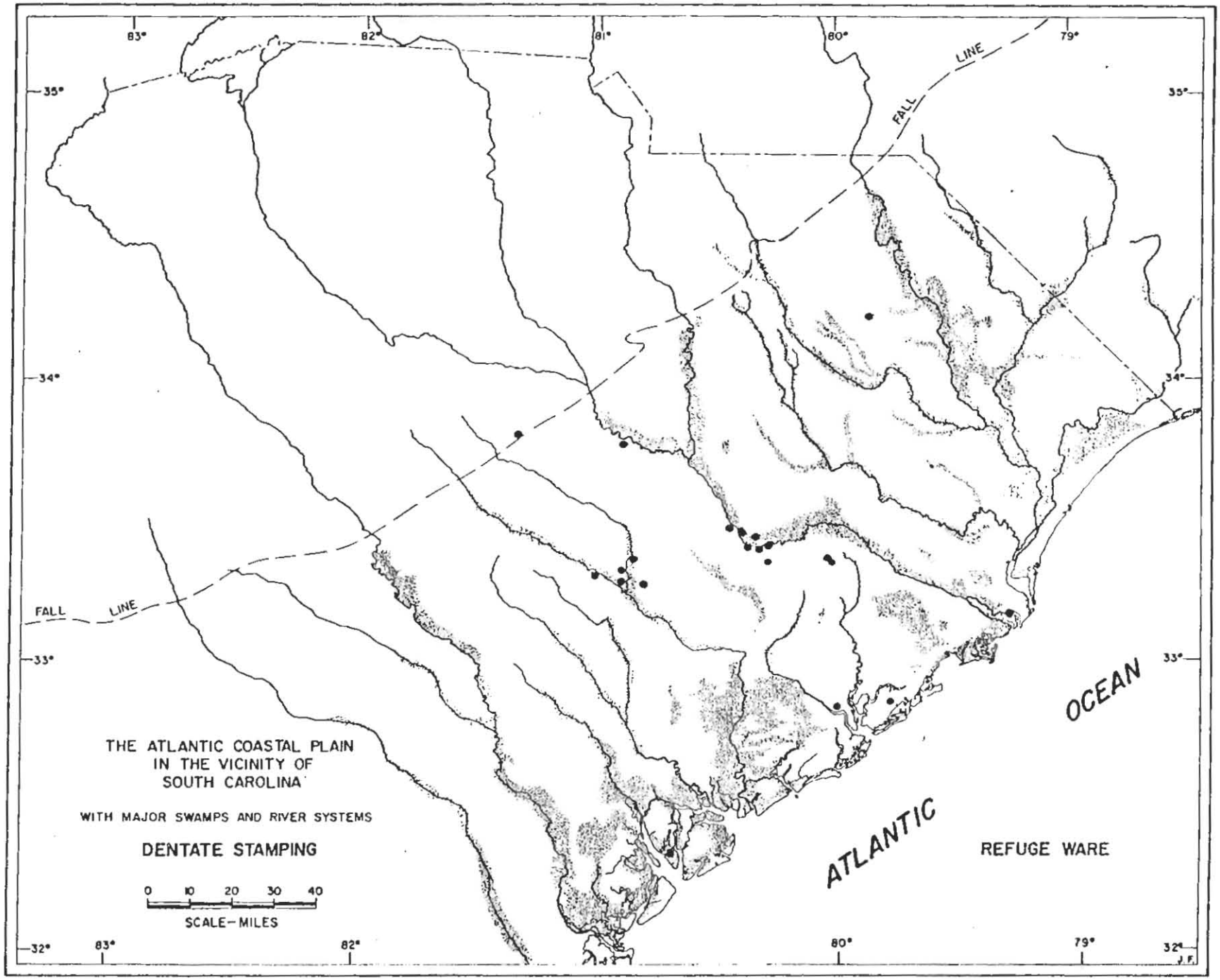
9 sites/ 9 collections/ 11 sherds

PARALLEL WIDE SIMPLE STAMP
FINE SAND/CLAY

ATTRIBUTE NUMBER 36

SITE NO	FREQ	LOCATION
38BU028	1	CHARLESTON MUSEUM
38CH012	1	IAA COLLECTIONS
38CH031	1	CHARLESTON MUSEUM
38CH061	11	IAA COLLECTIONS
38CL021	2	IAA COLLECTIONS
38GE020	2	IAA COLLECTIONS
38JA005	1	IAA COLLECTIONS
38JA023	5	IAA COLLECTIONS

8 sites/ 8 collections/ 24 sherds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SOUTH CAROLINA
WITH MAJOR SWAMPS AND RIVER SYSTEMS
DENTATE STAMPING
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SCALE-MILES
REFUGE WARE

CROSS THIN SIMPLE STAMP
FINE SAND/CLAY

ATTRIBUTE NUMBER 37

SITE NO	FREQ	LOCATION
38AL026	2	IAA COLLECTIONS
38BU009	1	IAA COLLECTIONS
38BU037	1	CHARLESTON MUSEUM
38CH008	1	CHARLESTON MUSEUM
38CH009	1	CHARLESTON MUSEUM
38CH061	2	IAA COLLECTIONS
38CL010	1	IAA COLLECTIONS
38GE017	1	IAA COLLECTIONS
38GE020	2	IAA COLLECTIONS
38HA001	3	IAA COLLECTIONS
38JA005	2	IAA COLLECTIONS

11 sites/ 11 collections/ 17 sherds

CROSS WIDE SIMPLE STAMP
FINE SAND/CLAY

ATTRIBUTE NUMBER 38

SITE NO	FREQ	LOCATION
38AL011	1	IAA COLLECTIONS
38BU028	1	CHARLESTON MUSEUM
38CH023	1	CHARLESTON MUSEUM
38CH042	1	IAA COLLECTIONS
38CH142	2	CUTHBERT COLLECTION
38CL004	1	IAA COLLECTIONS
38GE005	1	IAA COLLECTIONS

7 sites/ 7 collections/ 8 sherds

PARALLEL THIN CORD MARKED
FINE SAND/CLAY

ATTRIBUTE NUMBER 39

SITE NO	FREQ	LOCATION
38AK007	1	IAA COLLECTIONS
38BK132	1	IAA COLLECTIONS
38BU028	1	CHARLESTON MUSEUM
38BU039	2	CHARLESTON MUSEUM
38BU044	1	CHARLESTON MUSEUM
38CH021	2	CHARLESTON MUSEUM
38CL010	1	IAA COLLECTIONS
38MA045	1	IAA COLLECTIONS

8 sites/ 8 collections/ 10 sherds

PARALLEL THICK CORD MARKED
FINE SAND/CLAY

ATTRIBUTE NUMBER 40

SITE NO	FREQ	LOCATION
38AK007	1	IAA COLLECTIONS
38BK132	6	IAA COLLECTIONS
38BU028	1	CHARLESTON MUSEUM
38BU039	2	CHARLESTON MUSEUM
38FL001	1	CHARLESTON MUSEUM
38GE013	2	CHARLESTON MUSEUM
38MA037	1	IAA COLLECTIONS

7 sites/ 7 collections/ 14 sherds

CROSS THIN CORD MARKED
FINE SAND/CLAY

ATTRIBUTE NUMBER 41

SITE NO	FREQ	LOCATION
38AK007	1	IAA COLLECTIONS
38AL026	6	IAA COLLECTIONS
38BU010	1	IAA COLLECTIONS
38BU037	1	CHARLESTON MUSEUM
38BU039	7	CHARLESTON MUSEUM
38BU041	2	CHARLESTON MUSEUM
38GE013	1	CHARLESTON MUSEUM
38GE020	1	IAA COLLECTIONS
38JA023	1	IAA COLLECTIONS
38MA034	1	IAA COLLECTIONS
38MA037	2	IAA COLLECTIONS
38OR037	2	IAA COLLECTIONS

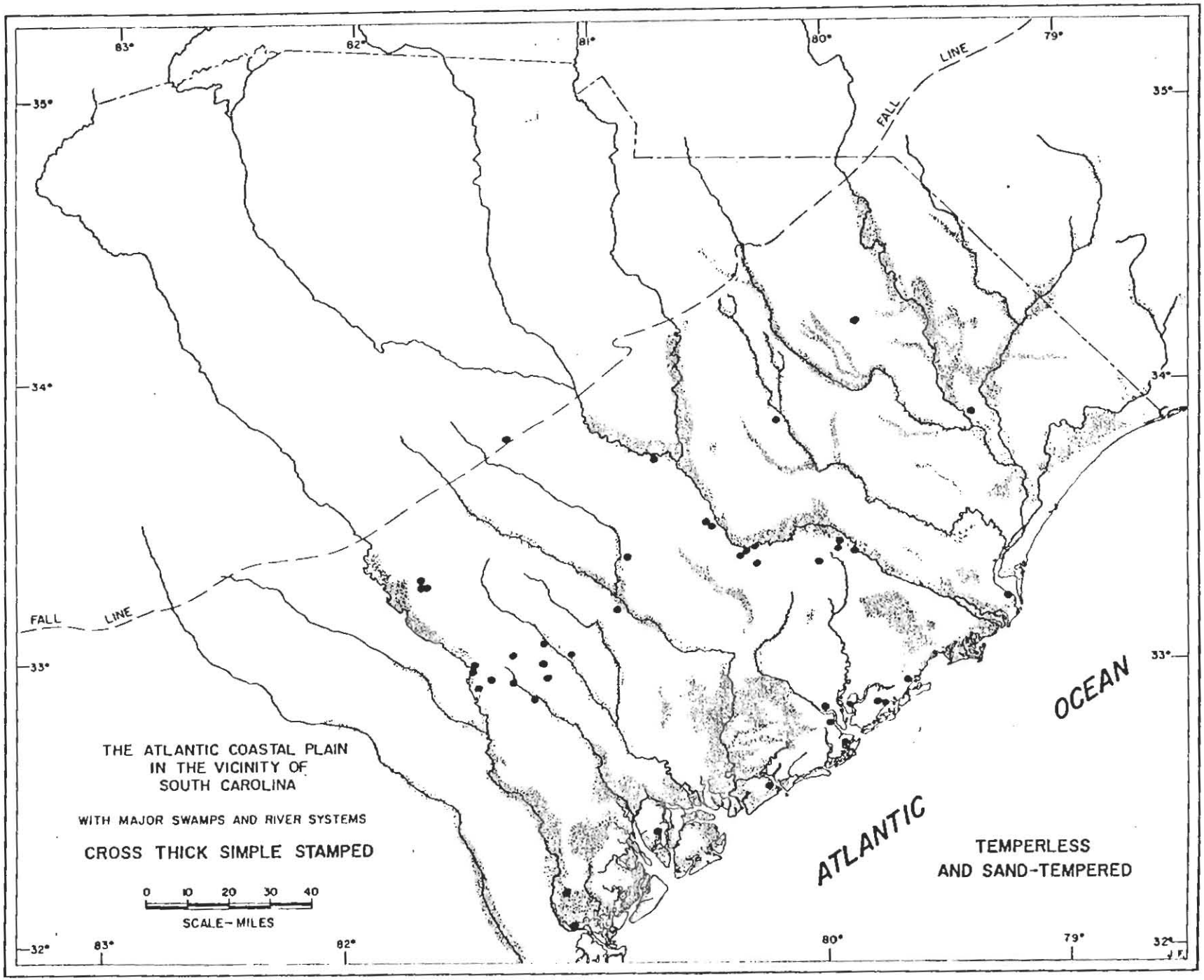
12 sites/ 12 collections/ 26 sherds

CROSS THICK CORD MARKED
FINE SAND/CLAY

ATTRIBUTE NUMBER 42

SITE NO	FREQ	LOCATION
38AL013	1	IAA COLLECTIONS
38BK132	1	IAA COLLECTIONS
38MA037	2	IAA COLLECTIONS

3 sites/ 3 collections/ 4 sherds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CROSS THICK SIMPLE STAMPED
TEMPERLESS
AND SAND-TEMPERED
0 10 20 30 40
SCALE- MILES

LINEAR CHECKSTAMPED
FINE SAND/CLAY

ATTRIBUTE NUMBER 43

SITE NO	FREQ	LOCATION
38AL058	1	IAA COLLECTIONS
38BM007	1	IAA COLLECTIONS
38BU036	1	CHARLESTON MUSEUM
38BU043	1	CHARLESTON MUSEUM
38BU045	4	CHARLESTON MUSEUM
38CL010	2	IAA COLLECTIONS
38CL016	2	IAA COLLECTIONS
38FL001	2	CHARLESTON MUSEUM
38MA003	1	IAA COLLECTIONS
38MA034	2	IAA COLLECTIONS
38OR020	2	IAA COLLECTIONS

11 sites/ 11 collections/ 19 sherds

CHECK STAMPED
FINE SAND/CLAY

ATTRIBUTE NUMBER 44

SITE NO	FREQ	LOCATION
38AL011	28	IAA COLLECTIONS
38AL013	1	IAA COLLECTIONS
38BU025	3	IAA COLLECTIONS
38BU026	1	IAA COLLECTIONS
38BU031	1	CHARLESTON MUSEUM
38BU039	2	CHARLESTON MUSEUM
38BU041	1	CHARLESTON MUSEUM
38BU045	4	CHARLESTON MUSEUM
38CH142	1	CUTHBERT COLLECTION
38GE020	5	IAA COLLECTIONS
38GE046	1	IAA COLLECTIONS
38MA001	15	IAA COLLECTIONS
38MR005	11	IAA COLLECTIONS
38MA034	3	IAA COLLECTIONS
38MA044	4	IAA COLLECTIONS
38OR030	4	IAA COLLECTIONS

16 sites/ 16 collections/ 85 sherds

FABRIC, LOOSE WEAVE
FINE SAND/CLAY

ATTRIBUTE NUMBER 45

SITE NO	FREQ	LOCATION
38BU028	1	CHARLESTON MUSEUM
38FL001	1	CHARLESTON MUSEUM
38FL016	1	IAA COLLECTIONS
38MA034	4	IAA COLLECTIONS

4 sites/ 4 collections/ 7 sherds

FABRIC, RIGID WARP
FINE SAND/CLAY

ATTRIBUTE NUMBER 46

SITE NO	FREQ	LOCATION
38CR008	2	CHARLESTON MUSEUM
38DA008	1	IAA COLLECTIONS
38MA034	2	IAA COLLECTIONS

3 sites/ 3 collections/ 5 sherds

FABRIC, NET
FINE SAND/CLAY

ATTRIBUTE NUMBER 47

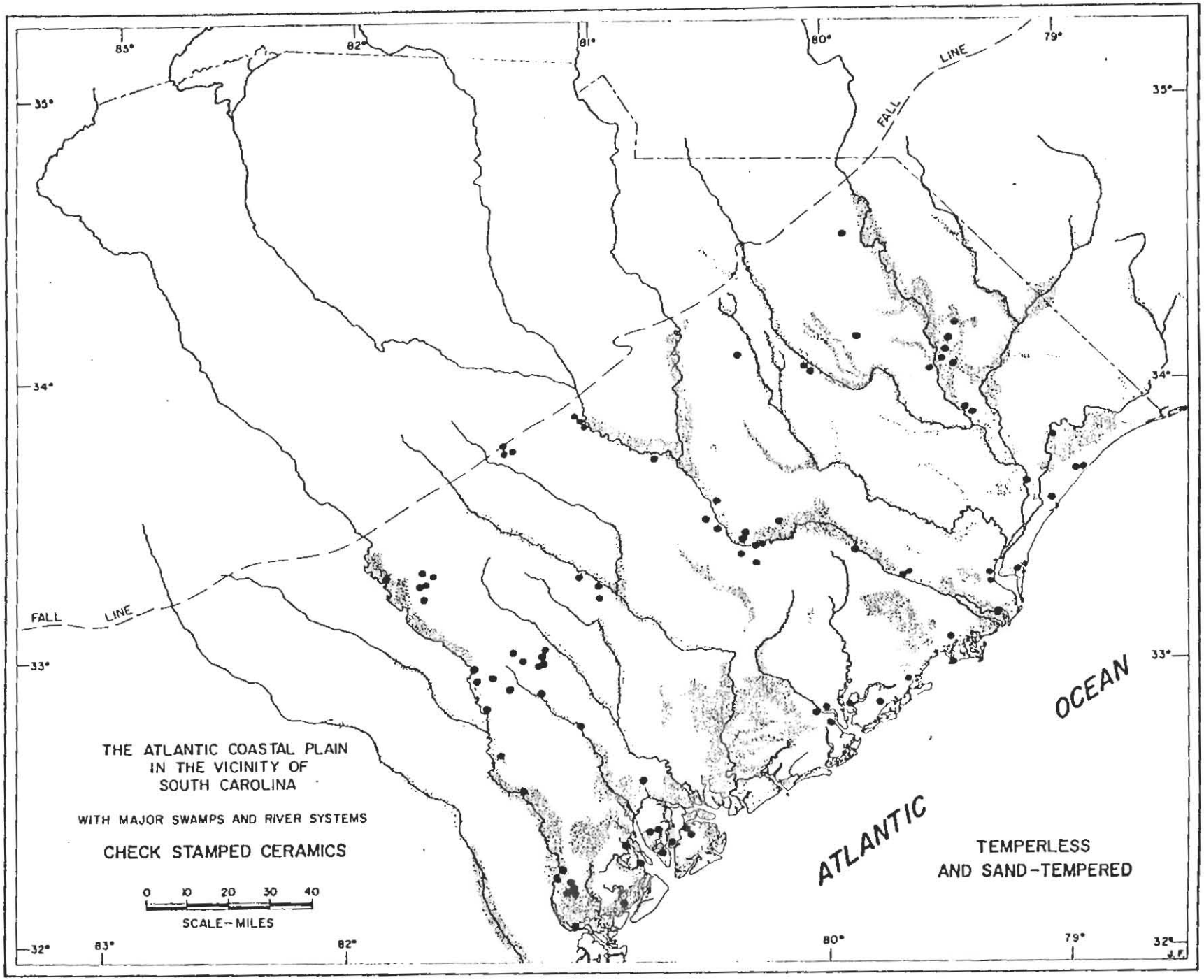
SITE NO	FREQ	LOCATION
38BU027	2	CHARLESTON MUSEUM

1 site/ 1 collection/ 2 sherds

PLAIN
FINE SAND/CLAY

ATTRIBUTE NUMBER 48

SITE NO	FREQ	LOCATION
38AK007	18	IAA COLLECTIONS
38AK007	5	CHARLESTON MUSEUM
38AK014	8	CHARLESTON MUSEUM
38AL011	30	IAA COLLECTIONS
38AL012	2	IAA COLLECTIONS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CHECK STAMPED CERAMICS
TEMPERLESS
AND SAND-TEMPERED
0 10 20 30 40
SCALE-MILES

ATTRIBUTE NUMBER 46

38AL013	1	IAA COLLECTIONS
38AL024	2	IAA COLLECTIONS
38AL026	5	IAA COLLECTIONS
38AL043	6	IAA COLLECTIONS
38AL047	14	IAA COLLECTIONS
38AL050	1	IAA COLLECTIONS
38AL056	3	IAA COLLECTIONS
38AL056	4	IAA COLLECTIONS
38AL075	2	SWAILS COLLECTION
38BK040	2	CHARLESTON MUSEUM
38BK043	3	CHARLESTON MUSEUM
38BK081	5	IAA COLLECTIONS
38BK132	18	IAA COLLECTIONS
38BM004	3	LEE COLLECTION
38BM006	4	LEE COLLECTION
38BM007	4	IAA COLLECTIONS
38BU009	36	IAA COLLECTIONS
38BU023	6	IAA COLLECTIONS
38BU025	15	IAA COLLECTIONS
38BU026	16	IAA COLLECTIONS
38BU028	13	CHARLESTON MUSEUM
38BU031	5	CHARLESTON MUSEUM
38BU037	1	CHARLESTON MUSEUM
38BU039	1	CHARLESTON MUSEUM
38BU040	1	CHARLESTON MUSEUM
38BU041	1	CHARLESTON MUSEUM
38BU043	2	CHARLESTON MUSEUM
38BU045	1	CHARLESTON MUSEUM
38BU048	3	CHARLESTON MUSEUM
38BU063	1	IAA COLLECTIONS
38CHA23	66	IAA COLLECTIONS
38CH003	1	CHARLESTON MUSEUM
38CH005	2	IAA COLLECTIONS
38CH008	313	CHARLESTON MUSEUM
38CH009	130	CHARLESTON MUSEUM
38CH012	32	IAA COLLECTIONS
38CH012	34	CHARLESTON MUSEUM
38CH014	18	IAA COLLECTIONS
38CH014	19	CHARLESTON MUSEUM
38CH021	2	CHARLESTON MUSEUM
38CH023	1	I-AA COLLECTIONS
38CH023	67	CHARLESTON MUSEUM
38CH031	3	CHARLESTON MUSEUM
38CH034	1	CHARLESTON MUSEUM
38CH041	15	IAA COLLECTIONS
38CH042	52	IAA COLLECTIONS
38CH042	1	CHARLESTON MUSEUM
38CH061	77	IAA COLLECTIONS
38CH062	27	IAA COLLECTIONS
38CH142	1	CUTHBERT COLLECTION
38CH217	77	CHARLESTON MUSEUM
38CL009	1	IAA COLLECTIONS
38CL010	12	IAA COLLECTIONS

ATTRIBUTE NUMBER 48

38CL018	8	IAA COLLECTIONS
38CL021	9	IAA COLLECTIONS
38CR001	10	IAA COLLECTIONS
38CR002	7	IAA COLLECTIONS
38CR003	1	CHARLESTON MUSEUM
38CR005	6	CHARLESTON MUSEUM
38CR006	2	CHARLESTON MUSEUM
38CR008	15	CHARLESTON MUSEUM
38CR021	4	IAA COLLECTIONS
38CR024	8	IAA COLLECTIONS
38DA0A1	1	CHARLESTON MUSEUM
38DA001	3	CHARLESTON MUSEUM
38FL001	9	CHARLESTON MUSEUM
38FL002	15	CHARLESTON MUSEUM
38FL016	4	IAA COLLECTIONS
38FL017	2	IAA COLLECTIONS
38GE005	107	IAA COLLECTIONS
38GE007	3	CHARLESTON MUSEUM
38GE020	3	IAA COLLECTIONS
38GE024	10	IAA COLLECTIONS
38GE029	3	IAA COLLECTIONS
38GE046	20	IAA COLLECTIONS
38GE047	5	IAA COLLECTIONS
38HA002	19	IAA COLLECTIONS
38HA010	1	IAA COLLECTIONS
38HA011	2	IAA COLLECTIONS
38HA012	1	IAA COLLECTIONS
38HA015	1	SWAILS COLLECTION
38HR005	2	IAA COLLECTIONS
38HR007	4	IAA COLLECTIONS
38HR022	8	IAA COLLECTIONS
38JA005	3	IAA COLLECTIONS
38JA010	3	IAA COLLECTIONS
38JA026	1	IAA COLLECTIONS
38JA033	2	IAA COLLECTIONS
38KE012	4	IAA COLLECTIONS
38LX002	3	CHARLESTON MUSEUM
38LX017	5	IAA COLLECTIONS
38LX068	16	IAA COLLECTIONS
38MA001	1	CHARLESTON MUSEUM
38MA034	7	IAA COLLECTIONS
38MA038	1	IAA COLLECTIONS
38MA040	1	IAA COLLECTIONS
38MA044	4	IAA COLLECTIONS
38MA045	4	IAA COLLECTIONS
38ML002	1	CHARLESTON MUSEUM
38OR009	5	IAA COLLECTIONS
38OR019	3	IAA COLLECTIONS
38OR030	46	IAA COLLECTIONS
38OR040	4	IAA COLLECTIONS
38SU001	2	IAA COLLECTIONS

102 sites/ 109 collections/ 1604 sherds

COMPLICATED STAMP, THIN LANDS
FINE SAND/CLAY

ATTRIBUTE NUMBER 49

SITE NO	FREQ	LOCATION
38BU026	2	CHARLESTON MUSEUM
38KE012	1	IAA COLLECTIONS

2 sites/ 2 collections/ 3 sherds

COMPLICATED STAMP, "MED" LANDS
FINE SAND/CLAY

ATTRIBUTE NUMBER 50

SITE NO	FREQ	LOCATION
38BK040	1	CHARLESTON MUSEUM
38BK043	3	CHARLESTON MUSEUM
38BK045	1	CHARLESTON MUSEUM
38BU023	6	IAA COLLECTIONS
38BU025	3	IAA COLLECTIONS
38BU026	10	CHARLESTON MUSEUM
38BU039	1	CHARLESTON MUSEUM
38BU040	2	CHARLESTON MUSEUM
38BU041	1	CHARLESTON MUSEUM
38BU048	3	CHARLESTON MUSEUM
38CH008	1	CHARLESTON MUSEUM
38CH009	1	CHARLESTON MUSEUM
38CL010	4	IAA COLLECTIONS
38CL021	1	IAA COLLECTIONS
38CR001	30	IAA COLLECTIONS
38CR024	1	IAA COLLECTIONS
38GE020	1	IAA COLLECTIONS
38HA001	1	IAA COLLECTIONS
38KE012	2	IAA COLLECTIONS

19 sites/ 19 collections/ 73 sherds

COMPLICATED STAMP, WIDE LANDS
FINE SAND/CLAY

ATTRIBUTE NUMBER 51

SITE NO	FREQ	LOCATION
38AL011	1	IAA COLLECTIONS
38CR001	10	IAA COLLECTIONS

2 sites/ 2 collections/ 11 sherds

NONDIAGNOSTIC
FINE SAND/CLAY

ATTRIBUTE NUMBER 52

SITE NO	FREQ	LOCATION
38AK007	1	IAA COLLECTIONS
38AL001	1	IAA COLLECTIONS
38AL002	3	IAA COLLECTIONS
38AL011	11	IAA COLLECTIONS
38AL012	2	IAA COLLECTIONS
38AL026	3	IAA COLLECTIONS
38AL043	15	IAA COLLECTIONS
38AL047	9	IAA COLLECTIONS
38AL056	16	IAA COLLECTIONS
38AL058	11	IAA COLLECTIONS
38AL075	1	SWAILS COLLECTION
38BK061	4	IAA COLLECTIONS
38BK132	1	IAA COLLECTIONS
38BM007	2	IAA COLLECTIONS
38BU009	10	IAA COLLECTIONS
38BU025	7	IAA COLLECTIONS
38CHA23	45	IAA COLLECTIONS
38CH005	1	IAA COLLECTIONS
38CH008	7	CHARLESTON MUSEUM
38CH012	8	IAA COLLECTIONS
38CH014	15	IAA COLLECTIONS
38CH014	1	CHARLESTON MUSEUM
38CH023	137	IAA COLLECTIONS
38CH041	17	IAA COLLECTIONS
38CH042	53	IAA COLLECTIONS
38CH061	27	IAA COLLECTIONS
38CH062	69	IAA COLLECTIONS
38CH217	1	CHARLESTON MUSEUM
38CL010	8	IAA COLLECTIONS
38CL018	3	IAA COLLECTIONS
38CL021	2	IAA COLLECTIONS
38CR002	3	IAA COLLECTIONS
38CR008	3	CHARLESTON MUSEUM
38CR024	2	IAA COLLECTIONS
38FL002	3	CHARLESTON MUSEUM
38FL016	4	IAA COLLECTIONS
38GE005	37	IAA COLLECTIONS
38GE017	1	IAA COLLECTIONS
38GE024	13	IAA COLLECTIONS
38GE046	3	IAA COLLECTIONS
38HA001	4	IAA COLLECTIONS
38HA002	27	IAA COLLECTIONS
38HA011	2	IAA COLLECTIONS
38HA012	2	IAA COLLECTIONS
38HR005	5	IAA COLLECTIONS
38HR022	5	IAA COLLECTIONS
38JA005	1	IAA COLLECTIONS
38JA020	1	IAA COLLECTIONS
38JA023	2	IAA COLLECTIONS
38KE012	3	IAA COLLECTIONS
38LE002	3	CHARLESTON MUSEUM

ATTRIBUTE NUMBER 52

38LE011	1	IAA COLLECTIONS
38LX017	3	IAA COLLECTIONS
38LX068	4	IAA COLLECTIONS
38MA001	19	CHARLESTON MUSEUM
38MA034	1	IAA COLLECTIONS
38MA044	1	IAA COLLECTIONS
38OR030	60	IAA COLLECTIONS

56 sites/ 58 collections/ 704 sherds

LINEAR SEPARATE PUNCTATIONS
FINE SAND/GRIT

ATTRIBUTE NUMBER 53

SITE NO	FREQ	LOCATION
38AK041	3	IAA COLLECTIONS
38AK044	1	SWAILS COLLECTION
38AK066	2	IAA COLLECTIONS
38AL001	1	IAA COLLECTIONS
38AL007	1	SWAILS COLLECTION
38AL058	1	IAA COLLECTIONS
38AL076	1	SWAILS COLLECTION
38AL077	4	SWAILS COLLECTION
38AL078	2	SWAILS COLLECTION
38BK132	88	IAA COLLECTIONS
38BM006	5	IAA COLLECTIONS
38BM006	17	LEE COLLECTION
38BM015	1	LEE COLLECTION
38BM024	1	LEE COLLECTION
38BM039	3	SWAILS COLLECTION
38BR026	2	IAA COLLECTIONS
38BR055	2	IAA COLLECTIONS
38BU032	2	CHARLESTON MUSEUM
38CH005	3	IAA COLLECTIONS
38CH007	92	IAA COLLECTIONS
38CH014	2	CHARLESTON MUSEUM
38CH021	2	CHARLESTON MUSEUM
38CH023	14	IAA COLLECTIONS
38CH042	3	IAA COLLECTIONS
38CH042	4	CHARLESTON MUSEUM
38CL016	1	SWAILS COLLECTION
38CL018	1	IAA COLLECTIONS
38CR003	2	CHARLESTON MUSEUM
38CR005	1	CHARLESTON MUSEUM
38CR008	7	CHARLESTON MUSEUM
38CR019	1	IAA COLLECTIONS
38CR024	3	IAA COLLECTIONS
38DA003	1	CHARLESTON MUSEUM
38DR006	1	CUTHBERT COLLECTION
38FL001	5	CHARLESTON MUSEUM
38GE005	2	IAA COLLECTIONS
38GE020	1	IAA COLLECTIONS
38GE024	2	IAA COLLECTIONS

ATTRIBUTE NUMBER 53

38GE029	2	IAA COLLECTIONS
38HA013	1	SWAILS COLLECTION
38HA016	1	SWAILS COLLECTION
38LX002	3	CHARLESTON MUSEUM
38LX017	2	IAA COLLECTIONS
38LX018	1	SWAILS COLLECTION
38LX076	2	SWAILS COLLECTION
38LX085	1	SWAILS COLLECTION
38MA001	5	CHARLESTON MUSEUM
38OR009	21	IAA COLLECTIONS
38OR010	2	IAA COLLECTIONS
38OR011	2	LEE COLLECTION
38OR018	3	IAA COLLECTIONS
38OR028	5	IAA COLLECTIONS
38OR030	19	IAA COLLECTIONS
38OR033	5	IAA COLLECTIONS
38OR037	2	IAA COLLECTIONS
38OR038	5	IAA COLLECTIONS
38OR040	11	IAA COLLECTIONS
38OR051	2	LEE COLLECTION
38OR072	4	LEE COLLECTION

57 sites/ 59 sherds/ 384 sherds

DRAG & JAB PUNCTATIONS
FINE SAND/GRIT

ATTRIBUTE NUMBER 54

SITE NO	FREQ	LOCATION
38AL075	1	SWAILS COLLECTION
38AL076	1	SWAILS COLLECTION
38AL077	1	SWAILS COLLECTION
38AL078	1	SWAILS COLLECTION
38AL082	1	SWAILS COLLECTION
38BK132	2	IAA COLLECTIONS
38BM006	1	IAA COLLECTIONS
38BM037	2	LEE COLLECTION
38CH007	3	IAA COLLECTIONS
38CL018	1	IAA COLLECTIONS
38CR002	1	IAA COLLECTIONS
38LX085	1	SWAILS COLLECTION
38OR009	3	IAA COLLECTIONS
38OR010	1	IAA COLLECTIONS
38OR011	1	LEE COLLECTION
38OR030	1	IAA COLLECTIONS
38OR033	1	IAA COLLECTIONS

17 sites/ 17 collections/ 23 sherds

RANDOM PUNCTATIONS
FINE SAND/GRIT

ATTRIBUTE NUMBER 55

SITE NO	FREQ	LOCATION
38AL056	8	IAA COLLECTIONS
38AL077	1	SWAILS COLLECTION
38BK132	1	IAA COLLECTIONS
38BM006	1	LEE COLLECTION
38BM015	2	LEE COLLECTION
38BM025	1	LEE COLLECTION
38BM037	1	LEE COLLECTION
38BU025	3	IAA COLLECTIONS
38CH006	1	CHARLESTON MUSEUM
38CR002	2	IAA COLLECTIONS
38HA012	3	IAA COLLECTIONS
38HA013	1	SWAILS COLLECTION
38OR009	3	IAA COLLECTIONS
38OR010	1	IAA COLLECTIONS
38OR028	3	IAA COLLECTIONS
38OR030	4	IAA COLLECTIONS
38OR037	3	IAA COLLECTIONS
38OR066	8	LEE COLLECTION

18 sites/ 18 collections/ 47 sherds

GEOMETRIC PUNCTATIONS
FINE SAND/GRIT

ATTRIBUTE NUMBER 56

SITE NO	FREQ	LOCATION
38BM004	1	LEE COLLECTION
38LX002	1	CHARLESTON MUSEUM
38OR009	1	IAA COLLECTIONS
38OR030	1	IAA COLLECTIONS

4 sites/ 4 collections/ 4 sherds

FINGER-PINCHED
FINE SAND/GRIT

ATTRIBUTE NUMBER 57

SITE NO	FREQ	LOCATION
38CHA60	1	IAA COLLECTIONS
38CH009	1	CHARLESTON MUSEUM
38CH014	1	CHARLESTON MUSEUM
38CH024	1	IAA COLLECTIONS
38CH060	1	IAA COLLECTIONS

5 sites/ 5 collections/ 5 sherds

DENTATE STAMPED
FINE SAND/GRIT

ATTRIBUTE NUMBER 58

SITE NO	FREQ	LOCATION
38BK132	10	IAA COLLECTIONS
38BM037	1	LEE COLLECTION
38BU039	1	CHARLESTON MUSEUM
38CH008	1	CHARLESTON MUSEUM
38CL018	3	IAA COLLECTIONS
38CR008	12	CHARLESTON MUSEUM
38CR024	1	IAA COLLECTIONS
38DA0A1	1	CHARLESTON MUSEUM
38GE046	1	IAA COLLECTIONS
38OR009	5	IAA COLLECTIONS
38OR028	2	IAA COLLECTIONS
38OR030	24	IAA COLLECTIONS
38OR037	8	IAA COLLECTIONS
38OR038	23	IAA COLLECTIONS
38OR064	1	LEE COLLECTION
38OR066	5	LEE COLLECTION
38OR072	1	LEE COLLECTION

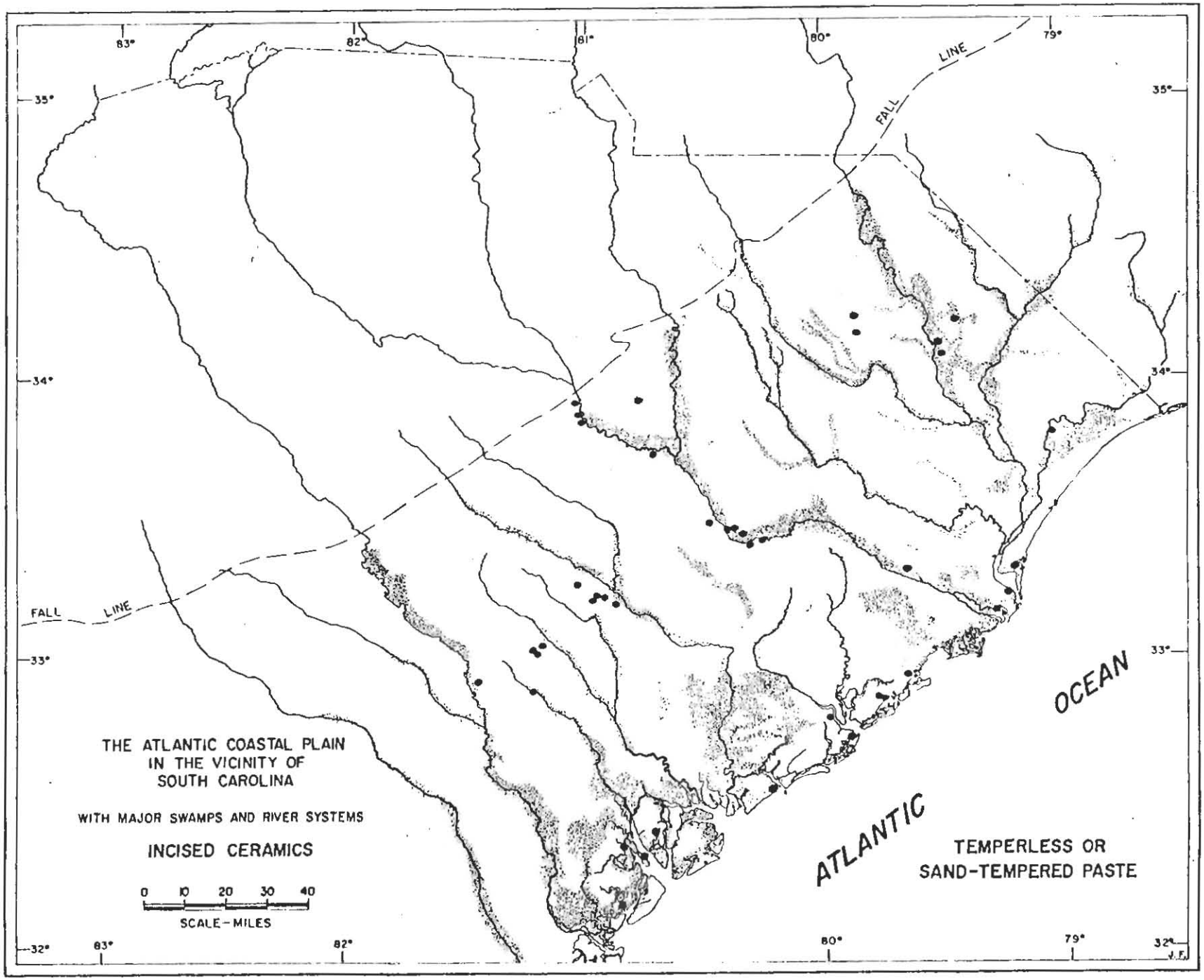
17 sites/ 17 collections/ 100 sherds

FINE INCISED
FINE SAND/GRIT

ATTRIBUTE NUMBER 59

SITE NO	FREQ	LOCATION
38BU027	1	CHARLESTON MUSEUM
38BU028	1	CHARLESTON MUSEUM
38BU048	1	CHARLESTON MUSEUM
38CH008	2	CHARLESTON MUSEUM
38CR008	2	CHARLESTON MUSEUM
38CR024	1	IAA COLLECTIONS
38FL001	1	CHARLESTON MUSEUM
38GE005	1	IAA COLLECTIONS
38GE017	2	IAA COLLECTIONS
38GE046	4	IAA COLLECTIONS
38LX002	3	CHARLESTON MUSEUM
38LX066	1	IAA COLLECTIONS
38MA037	1	IAA COLLECTIONS
38OR018	1	IAA COLLECTIONS
38OR040	1	IAA COLLECTIONS
38RD080	1	SLOCUM COLLECTION

16 sites/ 16 collections/ 24 sherds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THE ATLANTIC COASTAL PLAIN
IN THE VICINITY OF
SOUTH CAROLINA
WITH MAJOR SWAMPS AND RIVER SYSTEMS
INCISED CERAMICS
TEMPERLESS OR
SAND-TEMPERED PASTE
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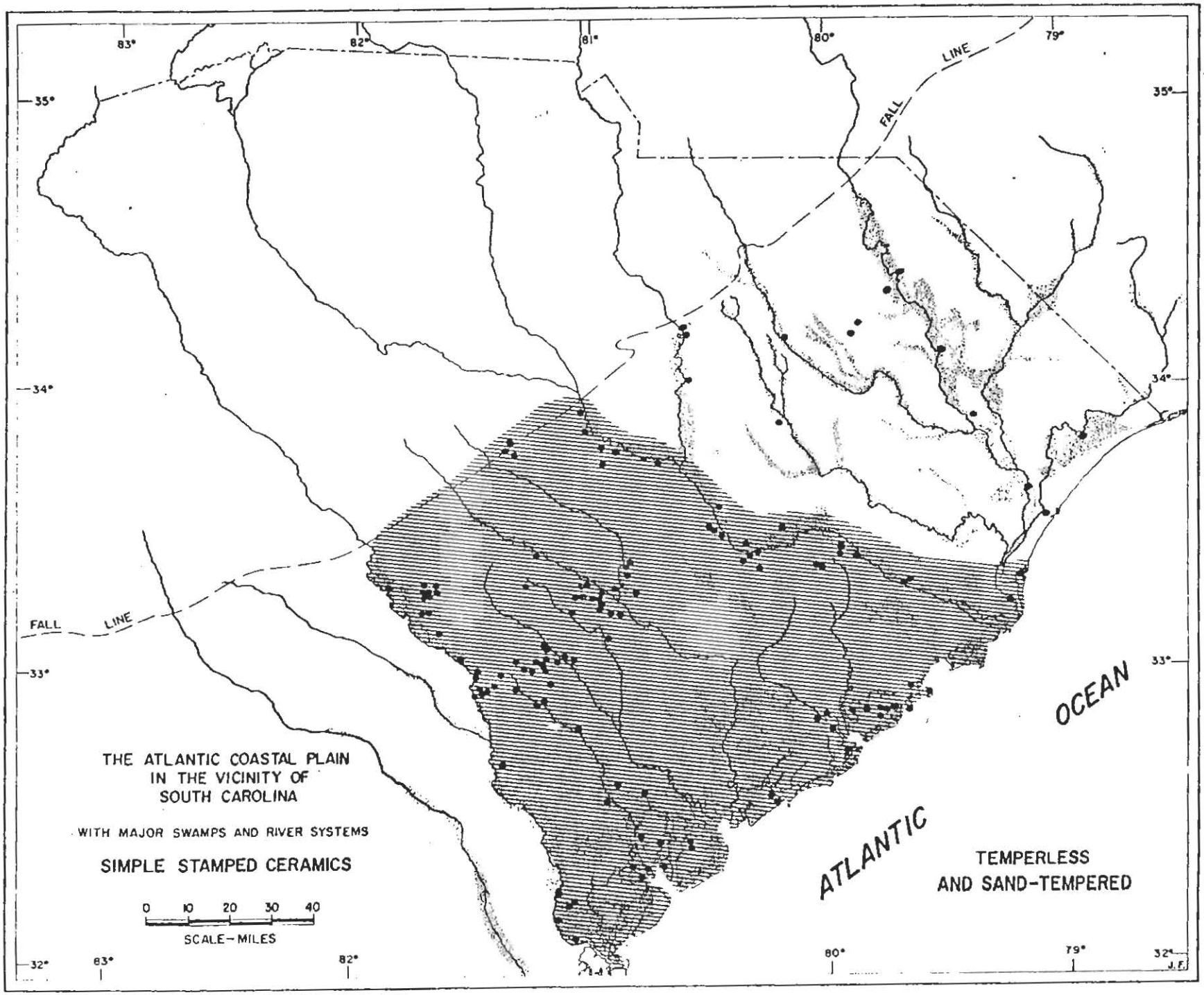
SCALE-MILES

DGA-158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SOUTH CAROLINA
WITH MAJOR SWAMPS AND RIVER SYSTEMS
SIMPLE STAMPED CERAMICS
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SCALE – MILES
ATLANTIC
OCEAN
TEMPERLESS
AND SAND-TEMPERED

DGA-159

WIDE INCISED
FINE SAND/GRIT

ATTRIBUTE NUMBER 60

SITE NO	FREQ	LOCATION
38AL075	1	SWAILS COLLECTION
38AL076	2	SWAILS COLLECTION
38AL078	1	SWAILS COLLECTION
38BM025	2	LEE COLLECTION
38BU027	1	CHARLESTON MUSEUM
38BU028	2	CHARLESTON MUSEUM
38CH061	1	IAA COLLECTIONS
38CL004	11	IAA COLLECTIONS
38CL021	3	IAA COLLECTIONS
38GE005	1	IAA COLLECTIONS
38GE046	1	IAA COLLECTIONS
38HA012	1	IAA COLLECTIONS
38HR007	1	IAA COLLECTIONS
38LX068	4	IAA COLLECTIONS
38MA001	1	CHARLESTON MUSEUM
38OR007	2	IAA COLLECTIONS
38OR018	2	IAA COLLECTIONS

17 sites/ 17 collections/ 37 sherds

PARALLEL THIN SIMPLE STAMP
FINE SAND/GRIT

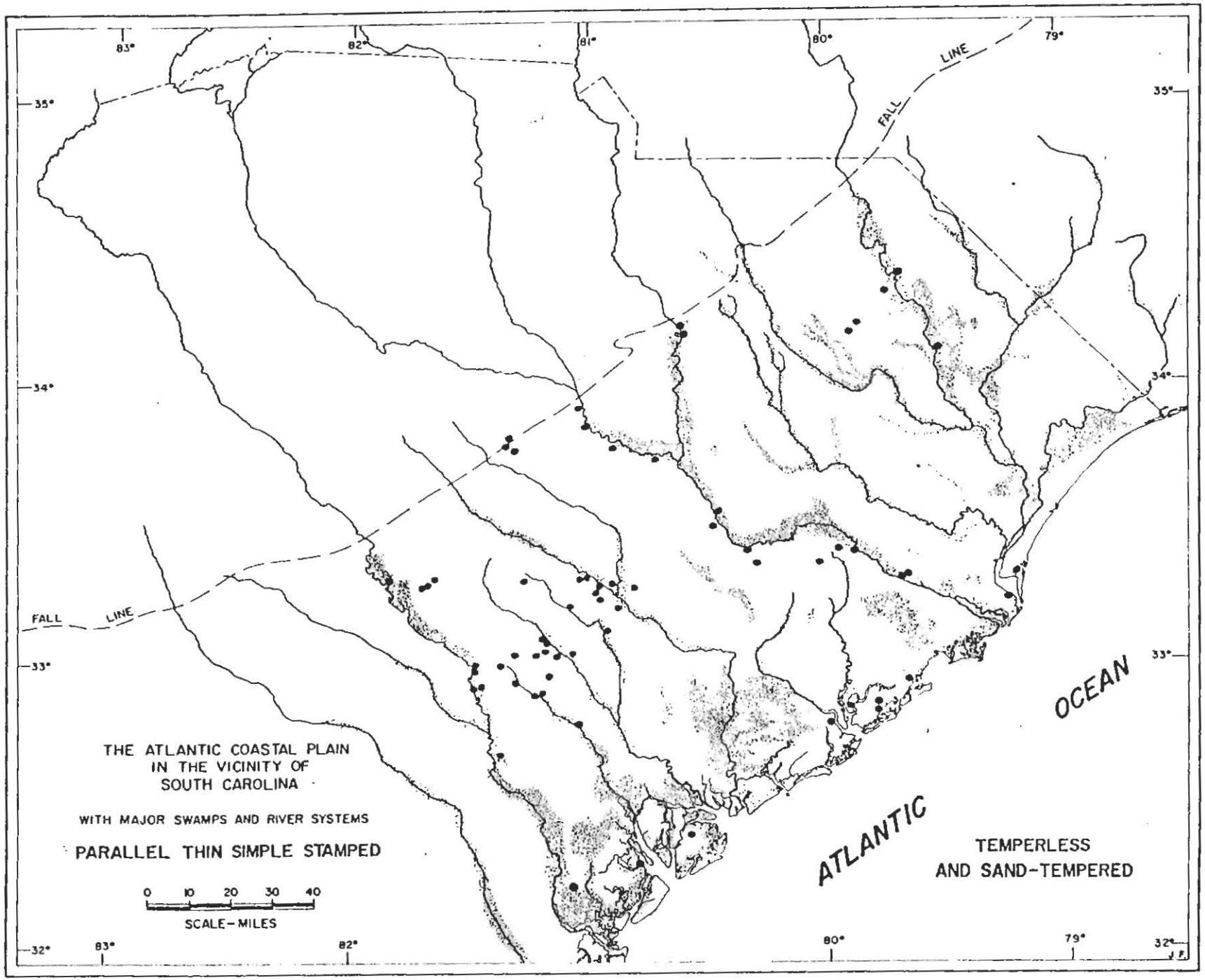
ATTRIBUTE NUMBER 61

SITE NO	FREQ	LOCATION
38AK007	5	IAA COLLECTIONS
38AK068	2	IAA COLLECTIONS
38AK141	1	IAA COLLECTIONS
38AK143	1	IAA COLLECTIONS
38AL002	2	IAA COLLECTIONS
38AL007	1	SWAILS COLLECTION
38AL011	1	IAA COLLECTIONS
38AL012	3	IAA COLLECTIONS
38AL024	3	IAA COLLECTIONS
38AL026	5	IAA COLLECTIONS
38AL056	1	IAA COLLECTIONS
38AL058	2	IAA COLLECTIONS
38AL075	2	SWAILS COLLECTION
38AL078	3	SWAILS COLLECTION
38AL079	2	SWAILS COLLECTION
38AL081	3	SWAILS COLLECTION
38BK043	2	CHARLESTON MUSEUM
38BK064	4	IAA COLLECTIONS

ATTRIBUTE NUMBER 61

38BK109	3	IAA COLLECTIONS
38BK132	2	IAA COLLECTIONS
38BM007	3	IAA COLLECTIONS
38BM015	6	LEE COLLECTION
38BM017	1	LEE COLLECTION
38BM025	2	LEE COLLECTION
38BM031	2	PARLER COLLECTION
38BM033	1	PARLER COLLECTION
38BM035	1	LEE COLLECTION
38BM037	1	LEE COLLECTION
38BM038	1	LEE COLLECTION
38BR026	1	IAA COLLECTIONS
38BU025	2	IAA COLLECTIONS
38BU037	2	CHARLESTON MUSEUM
38CH008	5	CHARLESTON MUSEUM
38CH009	1	CHARLESTON MUSEUM
38CH021	17	CHARLESTON MUSEUM
38CH041	4	IAA COLLECTIONS
38CL004	22	IAA COLLECTIONS
38CL018	1	IAA COLLECTIONS
38CL021	1	IAA COLLECTIONS
38CR001	5	IAA COLLECTIONS
38DA008	1	IAA COLLECTIONS
38FL030	3	IAA COLLECTIONS
38GE017	1	IAA COLLECTIONS
38GE024	2	IAA COLLECTIONS
38HA001	1	SWAILS COLLECTION
38HA009	3	SWAILS COLLECTION
38HA011	2	IAA COLLECTIONS
38HA012	2	IAA COLLECTIONS
38HA016	1	SWAILS COLLECTION
38JA033	2	IAA COLLECTIONS
38KE012	8	IAA COLLECTIONS
38KE018	1	IAA COLLECTIONS
38LX017	6	IAA COLLECTIONS
38LX018	1	IAA COLLECTIONS
38LX036	3	IAA COLLECTIONS
38LX068	2	IAA COLLECTIONS
38MA037	1	IAA COLLECTIONS
38ML004	1	IAA COLLECTIONS
38OR018	2	IAA COLLECTIONS
38OR028	1	IAA COLLECTIONS
38OR030	11	IAA COLLECTIONS
38OR037	5	IAA COLLECTIONS
38OR066	1	LEE COLLECTION

63 sites/ 63 collections/ 186 sherds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THE ATLANTIC COASTAL PLAIN
IN THE VICINITY OF
SOUTH CAROLINA
WITH MAJOR SWAMPS AND RIVER SYSTEMS
PARALLEL THIN SIMPLE STAMPED
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AND SAND-TEMPERED
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PARALLEL WIDE SIMPLE STAMP
FINE SAND/GRIT

ATTRIBUTE NUMBER 62

SITE NO	FREQ	LOCATION
38AK093	2	IAA COLLECTIONS
38AK140	2	IAA COLLECTIONS
38AK141	6	IAA COLLECTIONS
38AK142	2	IAA COLLECTIONS
38AK143	7	IAA COLLECTIONS
38AL452	2	IAA COLLECTIONS
38AL001	1	IAA COLLECTIONS
38AL002	3	IAA COLLECTIONS
38AL012	1	IAA COLLECTIONS
38AL024	1	IAA COLLECTIONS
38AL026	5	IAA COLLECTIONS
38AL047	1	IAA COLLECTIONS
38AL075	1	SWAILS COLLECTION
38AL077	1	SWAILS COLLECTION
38AL079	2	SWAILS COLLECTION
38AL080	1	SWAILS COLLECTION
38BK084	6	IAA COLLECTIONS
38BK109	4	IAA COLLECTIONS
38BK132	1	IAA COLLECTIONS
38BM006	3	LEE COLLECTION
38BM007	8	IAA COLLECTIONS
38BM013	1	IAA COLLECTIONS
38BM015	2	LEE COLLECTION
38BM016	1	PARLER COLLECTION
38BM017	1	LEE COLLECTION
38BM025	1	LEE COLLECTION
38BM031	2	LEE COLLECTION
38BM031	1	PARLER COLLECTION
38BM039	2	SWAILS COLLECTION
38BR003	1	IAA COLLECTIONS
38BR055	1	IAA COLLECTIONS
38BR058	2	IAA COLLECTIONS
38BR059	2	IAA COLLECTIONS
38BU026	1	IAA COLLECTIONS
38BU037	2	CHARLESTON MUSEUM
38BU039	1	CHARLESTON MUSEUM
38BU045	1	CHARLESTON MUSEUM
38CH460	1	IAA COLLECTIONS
38CH008	8	CHARLESTON MUSEUM
38CH009	5	CHARLESTON MUSEUM
38CH021	12	CHARLESTON MUSEUM
38CH027	1	CHARLESTON MUSEUM
38CH033	1	CHARLESTON MUSEUM
38CH142	2	CUTHBERT COLLECTION
38CL004	16	IAA COLLECTIONS
38CL021	1	IAA COLLECTIONS
38CR003	1	CHARLESTON MUSEUM
38CR019	2	IAA COLLECTIONS
38CR024	1	IAA COLLECTIONS
38GE007	3	CHARLESTON MUSEUM
38HA002	2	IAA COLLECTIONS

ATTRIBUTE NUMBER 62

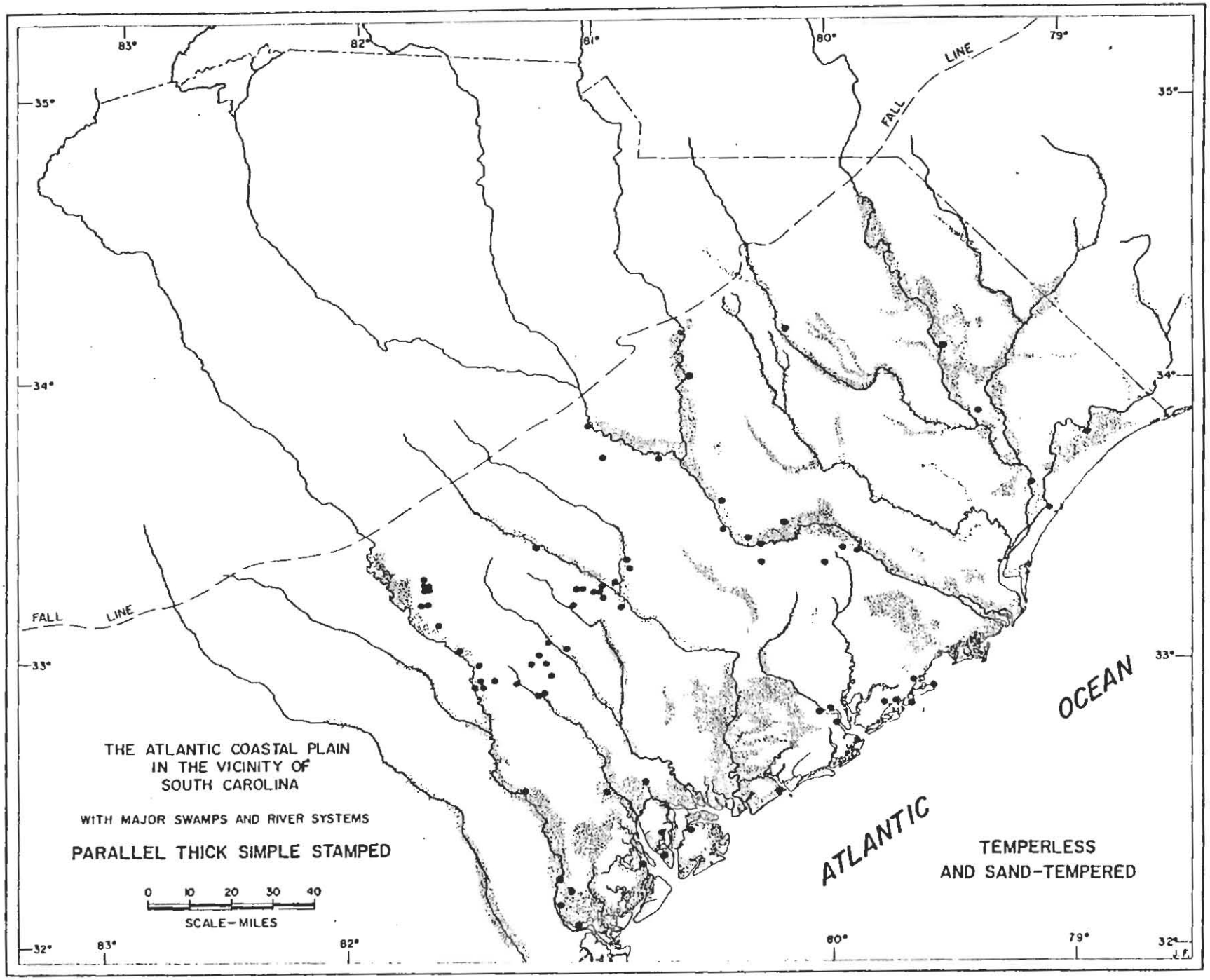
38HA009	1	SWAILS COLLECTION
38HA011	4	IAA COLLECTIONS
38HA012	1	IAA COLLECTIONS
38HR008	4	IAA COLLECTIONS
38JA001	2	IAA COLLECTIONS
38JA005	2	IAA COLLECTIONS
38JA020	2	IAA COLLECTIONS
38JA023	8	IAA COLLECTIONS
38JA026	2	IAA COLLECTIONS
38LE011	2	IAA COLLECTIONS
38LX076	1	SWAILS COLLECTION
38MA037	1	IAA COLLECTIONS
38MA045	1	IAA COLLECTIONS
38OR009	1	IAA COLLECTIONS
38OR020	2	IAA COLLECTIONS
38OR028	2	IAA COLLECTIONS
38OR030	10	IAA COLLECTIONS
38OR050	2	LEE COLLECTION
38OR072	5	LEE COLLECTION
38SU001	1	IAA COLLECTIONS

70 sites/ 71 collections/ 192 sherds

CROSS THIN SIMPLE STAMP
FINE SAND/GRIT

ATTRIBUTE NUMBER 63

SITE NO	FREQ	LOCATION
38AK007	3	IAA COLLECTIONS
38AK142	2	IAA COLLECTIONS
38AK153	1	IAA COLLECTIONS
38AL452	1	IAA COLLECTIONS
38AL002	1	IAA COLLECTIONS
38AL007	1	SWAILS COLLECTION
38AL024	3	IAA COLLECTIONS
38AL026	9	IAA COLLECTIONS
38AL047	1	IAA COLLECTIONS
38AL056	1	IAA COLLECTIONS
38AL058	1	IAA COLLECTIONS
38AL075	3	SWAILS COLLECTION
38AL076	1	SWAILS COLLECTION
38AL077	3	SWAILS COLLECTION
38AL078	2	SWAILS COLLECTION
38AL079	1	SWAILS COLLECTION
38AL081	1	SWAILS COLLECTION
38AL084	1	SWAILS COLLECTION
38BK010	2	CHARLESTON MUSEUM
38BK084	13	IAA COLLECTIONS
38BK109	6	IAA COLLECTIONS
38BK132	32	IAA COLLECTIONS
38BM007	2	IAA COLLECTIONS
38BM024	2	LEE COLLECTION
38BM025	1	LEE COLLECTION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THE ATLANTIC COASTAL PLAIN
IN THE VICINITY OF
SOUTH CAROLINA
WITH MAJOR SWAMPS AND RIVER SYSTEMS
PARALLEL THICK SIMPLE STAMPED
TEMPERLESS
AND SAND-TEMPERED
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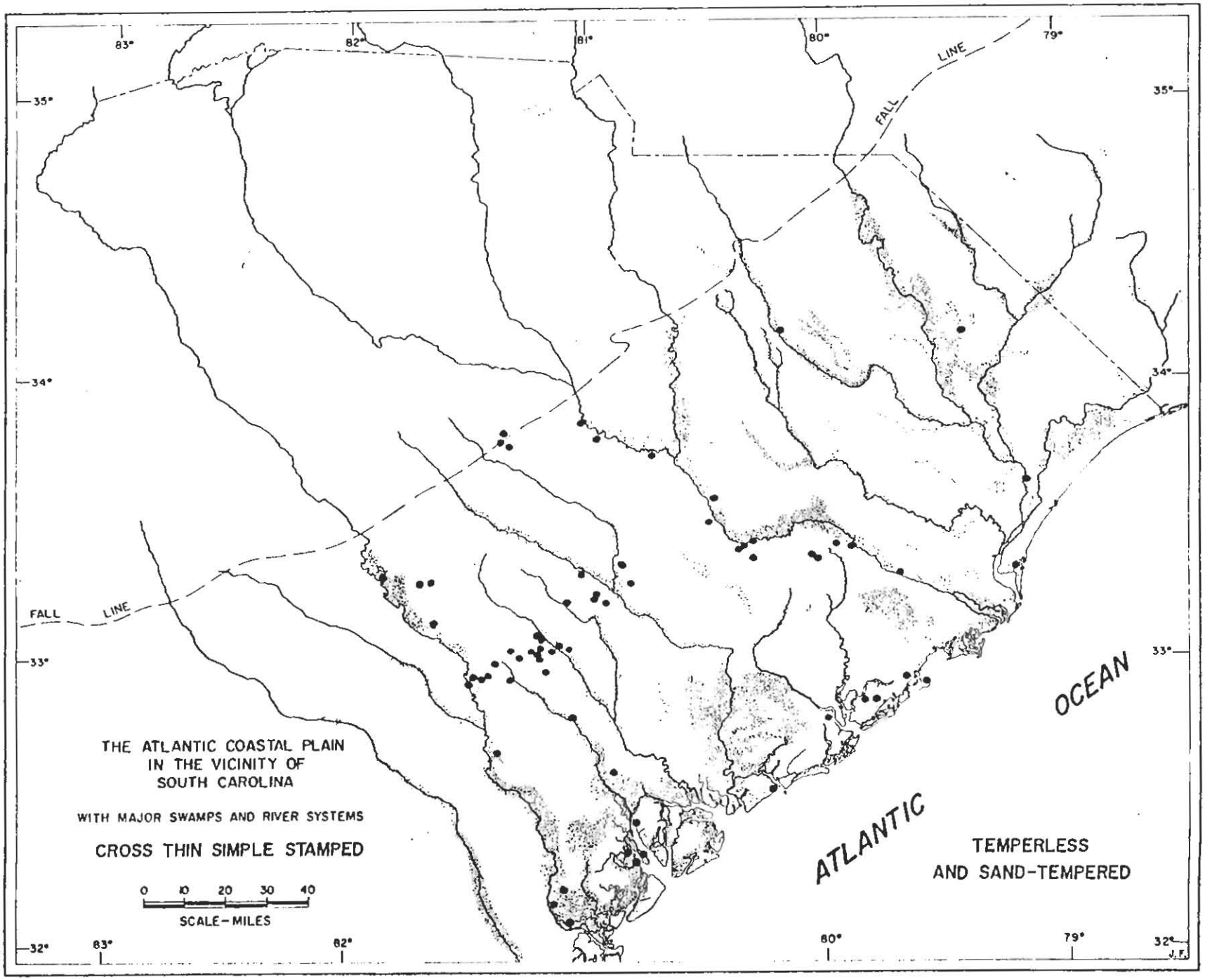
SCALE-MILES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SOUTH CAROLINA
WITH MAJOR SWAMPS AND RIVER SYSTEMS
CROSS THIN SIMPLE STAMPED
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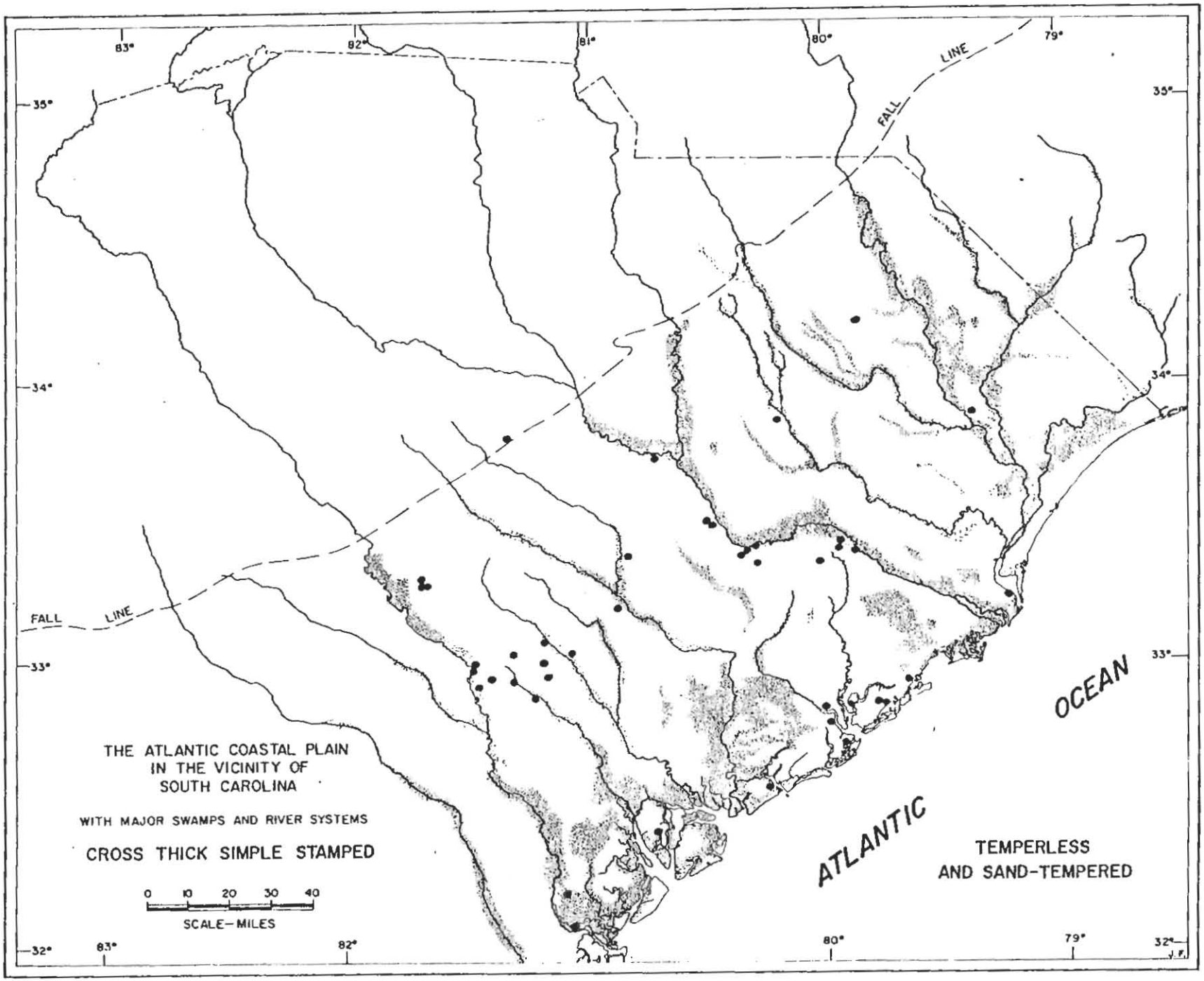
OCEAN
TEMPERLESS
AND SAND-TEMPERED

DGA-164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SOUTH CAROLINA
WITH MAJOR SWAMPS AND RIVER SYSTEMS
CROSS THICK SIMPLE STAMPED
TEMPERLESS
AND SAND-TEMPERED
0 10 20 30 40
SCALE—MILES

ATTRIBUTE NUMBER 63

38BM026	1	LEE COLLECTION
38BM035	1	LEE COLLECTION
38BM037	1	LEE COLLECTION
38BM039	1	SWAILS COLLECTION
38BR055	1	IAA COLLECTIONS
38BU002	1	IAA COLLECTIONS
38BU037	2	CHARLESTON MUSEUM
38BU043	1	CHARLESTON MUSEUM
38CH005	2	IAA COLLECTIONS
38CH008	5	CHARLESTON MUSEUM
38CH009	2	CHARLESTON MUSEUM
38CH021	9	CHARLESTON MUSEUM
38CH030	1	CHARLESTON MUSEUM
38CH033	1	CHARLESTON MUSEUM
38CL004	10	IAA COLLECTIONS
38CL010	1	IAA COLLECTIONS
38CL021	1	IAA COLLECTIONS
38CR019	2	IAA COLLECTIONS
38GE017	1	IAA COLLECTIONS
38GE020	1	IAA COLLECTIONS
38GE024	2	IAA COLLECTIONS
38HA001	2	SWAILS COLLECTION
38HA009	1	SWAILS COLLECTION
38HA013	1	SWAILS COLLECTION
38JA005	1	IAA COLLECTIONS
38JA010	1	IAA COLLECTIONS
38JA023	1	IAA COLLECTIONS
38JA026	1	IAA COLLECTIONS
38LE004	1	IAA COLLECTIONS
38LX017	6	IAA COLLECTIONS
38LX018	1	IAA COLLECTIONS
38LX036	4	IAA COLLECTIONS
38MA042	1	IAA COLLECTIONS
38OR018	1	IAA COLLECTIONS
38OR019	7	IAA COLLECTIONS
38OR020	1	IAA COLLECTIONS
38OR030	4	IAA COLLECTIONS
38OR033	1	IAA COLLECTIONS
38OR037	2	IAA COLLECTIONS
38OR066	1	LEE COLLECTION

65 sites/ 65 collections/ 179 sherds

CROSS WIDE SIMPLE STAMP
FINE SAND/GRIT

ATTRIBUTE NUMBER 64

SITE NO	FREQ	LOCATION
38AK093	1	IAA COLLECTIONS
38AK141	1	IAA COLLECTIONS
38AK142	3	IAA COLLECTIONS
38AL012	2	IAA COLLECTIONS

ATTRIBUTE NUMBER 64

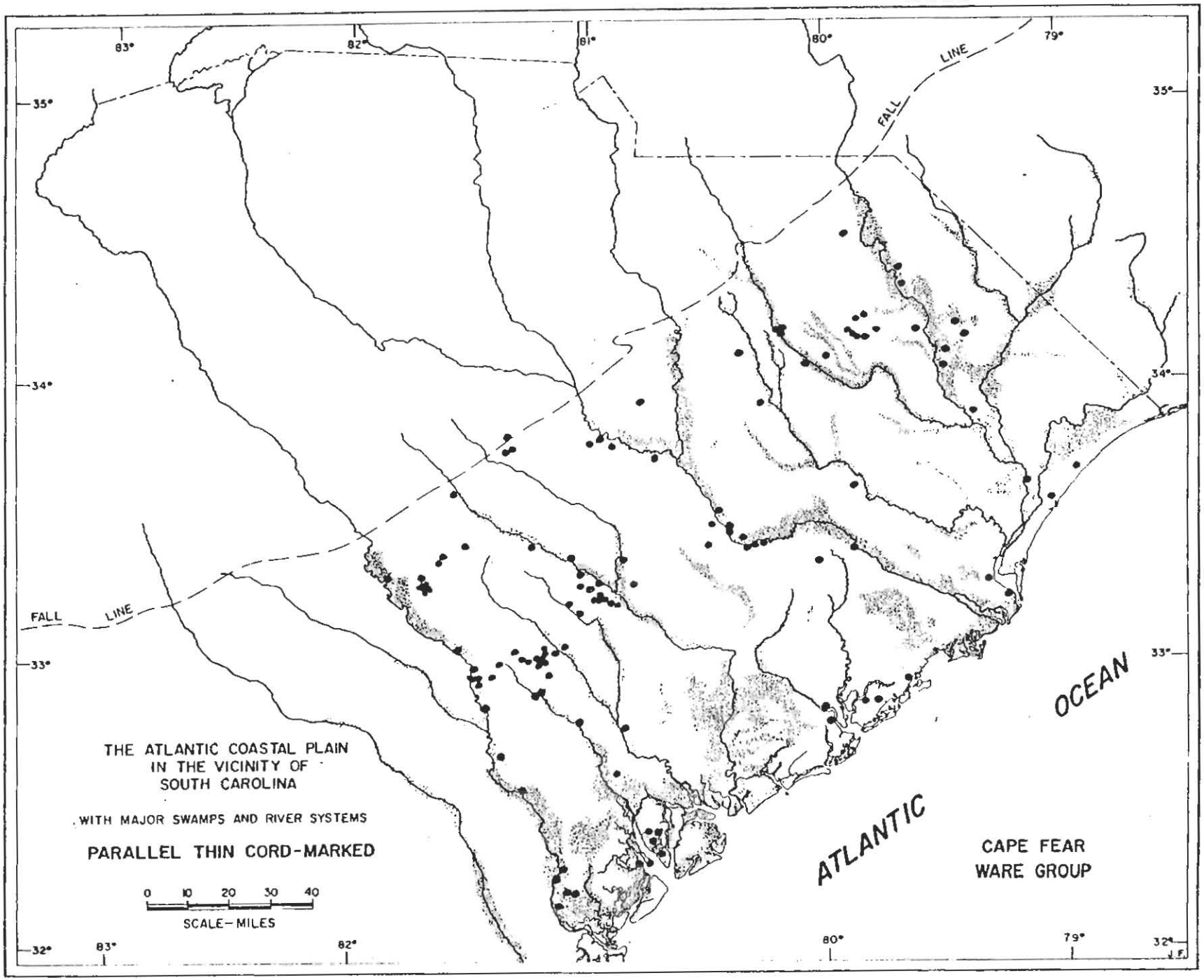
38AL024	1	IAA COLLECTIONS
38AL026	3	IAA COLLECTIONS
38AL047	2	IAA COLLECTIONS
38AL056	4	IAA COLLECTIONS
38AL077	1	SWAILS COLLECTION
38AL079	1	SWAILS COLLECTION
38BK043	2	CHARLESTON MUSEUM
38BK076	1	IAA COLLECTIONS
38BK084	10	IAA COLLECTIONS
38BK109	6	IAA COLLECTIONS
38BK132	8	IAA COLLECTIONS
38BM031	1	LEE COLLECTION
38BM035	1	LEE COLLECTION
38CH006	3	CHARLESTON MUSEUM
38CH009	3	CHARLESTON MUSEUM
38CH021	8	CHARLESTON MUSEUM
38CH034	1	CHARLESTON MUSEUM
38CL004	5	IAA COLLECTIONS
38DA001	1	CHARLESTON MUSEUM
38HA009	1	SWAILS COLLECTION
38HA012	1	IAA COLLECTIONS
38JA023	2	IAA COLLECTIONS
38JA026	1	IAA COLLECTIONS
38LX017	3	IAA COLLECTIONS
38MA045	1	IAA COLLECTIONS
38OR018	1	IAA COLLECTIONS
38OR019	6	IAA COLLECTIONS
38OR020	2	IAA COLLECTIONS
38OR030	7	IAA COLLECTIONS
38OR033	2	IAA COLLECTIONS
38OR035	1	IAA COLLECTIONS
38OR037	2	IAA COLLECTIONS
38SU002	1	IAA COLLECTIONS

37 sites/ 37 collections/ 100 sherds

PARALLEL THIN CORD MARKED
FINE SAND/GRIT

ATTRIBUTE NUMBER 65

SITE NO	FREQ	LOCATION
38AK007	5	IAA COLLECTIONS
38AK007	2	CHARLESTON MUSEUM
38AK014	1	CHARLESTON MUSEUM
38AK044	1	SWAILS COLLECTION
38AK060	1	IAA COLLECTIONS
38AK063	1	IAA COLLECTIONS
38AK093	1	IAA COLLECTIONS
38AK130	1	IAA COLLECTIONS
38AK140	5	IAA COLLECTIONS
38AK141	6	IAA COLLECTIONS
38AK142	8	IAA COLLECTIONS
38AK143	7	IAA COLLECTIONS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FALL LINE
FALL LINE
OCEAN
ATLANTIC
CAPE FEAR
WARE GROUP
THE ATLANTIC COASTAL PLAIN
IN THE VICINITY OF
SOUTH CAROLINA
WITH MAJOR SWAMPS AND RIVER SYSTEMS
PARALLEL THIN CORD-MARKED
0 10 20 30 40
SCALE-MILES

ATTRIBUTE NUMBER 65

38AK148	1	IAA COLLECTIONS
38AK156	1	IAA COLLECTIONS
38AL052	1	IAA COLLECTIONS
38AL001	6	IAA COLLECTIONS
38AL011	1	IAA COLLECTIONS
38AL026	6	IAA COLLECTIONS
38AL043	3	IAA COLLECTIONS
38AL047	4	IAA COLLECTIONS
38AL050	5	IAA COLLECTIONS
38AL052	2	IAA COLLECTIONS
38AL056	12	IAA COLLECTIONS
38AL058	3	IAA COLLECTIONS
38AL070	1	SWAILS COLLECTION
38AL075	4	SWAILS COLLECTION
38AL076	1	SWAILS COLLECTION
38AL077	2	SWAILS COLLECTION
38AL078	3	SWAILS COLLECTION
38AL080	1	SWAILS COLLECTION
38AL081	2	SWAILS COLLECTION
38AL083	2	SWAILS COLLECTION
38AL084	1	SWAILS COLLECTION
38BK064	2	IAA COLLECTIONS
38BK132	1	IAA COLLECTIONS
38BM004	9	LEE COLLECTION
38BM006	2	IAA COLLECTIONS
38BM006	8	LEE COLLECTION
38BM007	6	IAA COLLECTIONS
38BM009	3	IAA COLLECTIONS
38BM015	1	LEE COLLECTION
38BM015	1	PARLER COLLECTION
38BM016	1	PARLER COLLECTION
38BM023	1	PARLER COLLECTION
38BM024	1	LEE COLLECTION
38BM025	1	LEE COLLECTION
38BM026	1	LEE COLLECTION
38BM031	1	LEE COLLECTION
38BM031	1	PARLER COLLECTION
38BM038	4	LEE COLLECTION
38BM039	2	SWAILS COLLECTION
38BR003	2	IAA COLLECTIONS
38BU010	3	IAA COLLECTIONS
38BU037	1	CHARLESTON MUSEUM
38BU039	1	CHARLESTON MUSEUM
38BU040	1	CHARLESTON MUSEUM
38BU041	2	CHARLESTON MUSEUM
38CH008	3	CHARLESTON MUSEUM
38CH009	6	CHARLESTON MUSEUM
38CH021	3	CHARLESTON MUSEUM
38CH030	1	CHARLESTON MUSEUM
38CH142	3	CUTHBERT COLLECTION
38CL004	3	IAA COLLECTIONS
38CL009	1	IAA COLLECTIONS
38CL010	3	IAA COLLECTIONS
38CL018	1	IAA COLLECTIONS
38CN006	1	IAA COLLECTIONS
38CR001	2	IAA COLLECTIONS
38CR008	3	CHARLESTON MUSEUM

ATTRIBUTE NUMBER 65

38CR021	3	IAA COLLECTIONS
38CR024	1	IAA COLLECTIONS
38CT003	2	CHARLESTON MUSEUM
38DA0A1	3	CHARLESTON MUSEUM
38DA001	7	CHARLESTON MUSEUM
38DA002	2	CHARLESTON MUSEUM
38FL001	8	CHARLESTON MUSEUM
38FL002	2	CHARLESTON MUSEUM
38FL004	1	CHARLESTON MUSEUM
38FL005	2	CHARLESTON MUSEUM
38FL024	1	IAA COLLECTIONS
38FL029	1	IAA COLLECTIONS
38FL030	1	IAA COLLECTIONS
38GE005	1	IAA COLLECTIONS
38GE012	1	CHARLESTON MUSEUM
38GE020	8	IAA COLLECTIONS
38HA001	4	SWAILS COLLECTION
38HA002	12	IAA COLLECTIONS
38HA009	3	SWAILS COLLECTION
38HA011	6	IAA COLLECTIONS
38HA012	7	IAA COLLECTIONS
38HA016	1	SWAILS COLLECTION
38HR005	16	IAA COLLECTIONS
38HR022	2	IAA COLLECTIONS
38JA001	9	IAA COLLECTIONS
38JA005	1	IAA COLLECTIONS
38JA010	1	IAA COLLECTIONS
38JA026	1	IAA COLLECTIONS
38JA032	5	IAA COLLECTIONS
38JA036	2	IAA COLLECTIONS
38LE001	4	CHARLESTON MUSEUM
38LE003	2	CHARLESTON MUSEUM
38LE004	1	IAA COLLECTIONS
38LE007	1	IAA COLLECTIONS
38LE011	2	IAA COLLECTIONS
38LX017	2	IAA COLLECTIONS
38LX018	1	SWAILS COLLECTION
38LX085	1	SWAILS COLLECTION
38MA001	12	CHARLESTON MUSEUM
38MA034	4	IAA COLLECTIONS
38MA036	12	IAA COLLECTIONS
38MA042	2	IAA COLLECTIONS
38MA045	1	IAA COLLECTIONS
38ML002	1	CHARLESTON MUSEUM
38ML004	1	IAA COLLECTIONS
38OR018	1	IAA COLLECTIONS
38OR020	1	IAA COLLECTIONS
38OR023	1	IAA COLLECTIONS
38OR030	10	IAA COLLECTIONS
38OR037	5	IAA COLLECTIONS
38OR040	2	IAA COLLECTIONS
38OR042	1	SWAILS COLLECTION
38OR066	1	LEE COLLECTION
38OR072	4	LEE COLLECTION
38RD080	1	SLOCUM COLLECTION
38SU007	1	IAA COLLECTIONS
38WG043	2	IAA COLLECTIONS

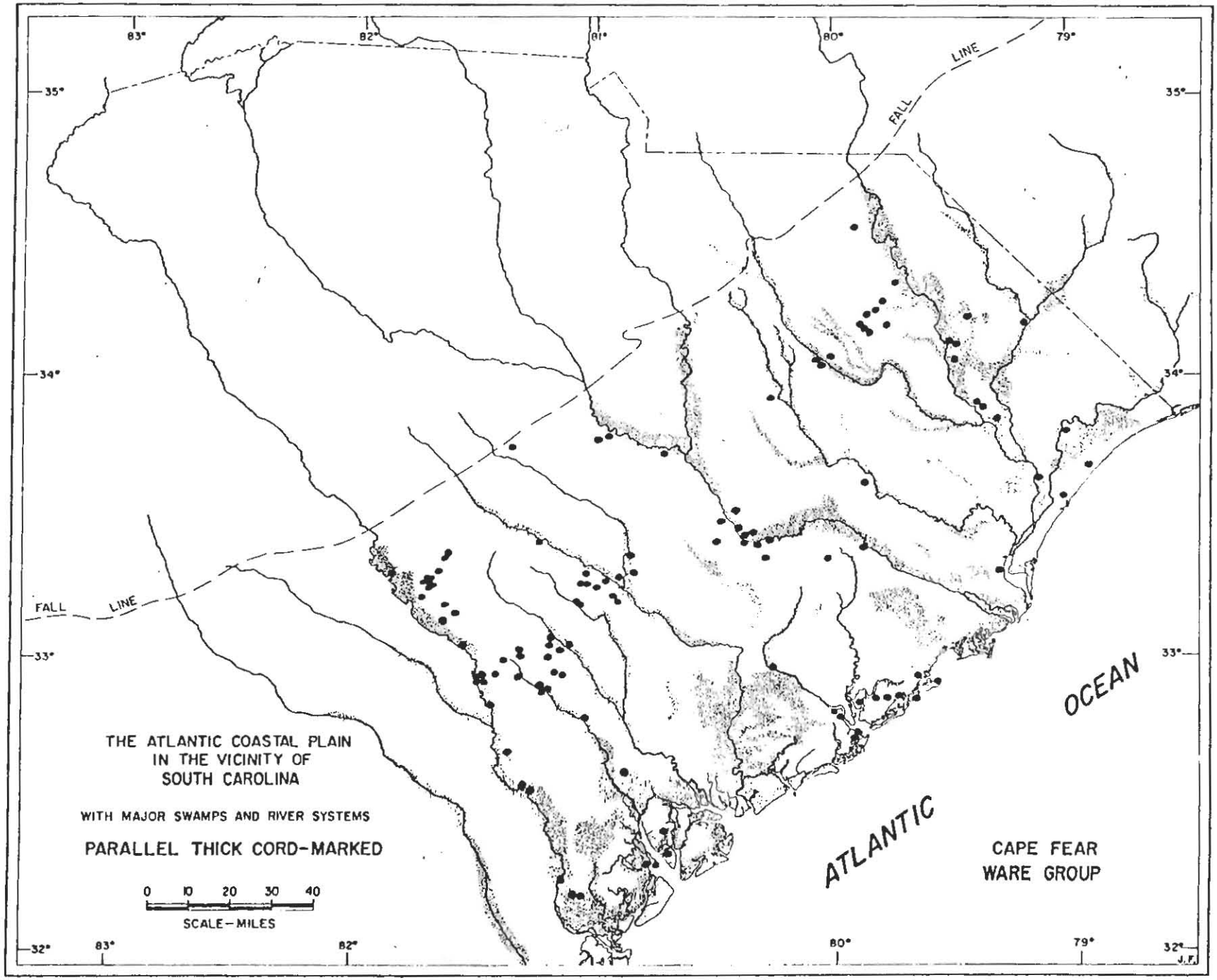
PARALLEL THICK CORD MARKED
FINE SAND/GRIT

ATTRIBUTE NUMBER 66

SITE NO	FREQ	LOCATION
38AK007	4	IAA COLLECTIONS
38AK060	1	IAA COLLECTIONS
38AK063	1	IAA COLLECTIONS
38AK088	2	IAA COLLECTIONS
38AK129	1	IAA COLLECTIONS
38AK140	1	IAA COLLECTIONS
38AK141	2	IAA COLLECTIONS
38AK142	6	IAA COLLECTIONS
38AK147	2	IAA COLLECTIONS
38AK148	1	IAA COLLECTIONS
38AK164	2	IAA COLLECTIONS
38AL001	19	IAA COLLECTIONS
38AL002	5	IAA COLLECTIONS
38AL009	2	CHARLESTON MUSEUM
38AL024	2	IAA COLLECTIONS
38AL026	1	IAA COLLECTIONS
38AL043	2	IAA COLLECTIONS
38AL047	2	IAA COLLECTIONS
38AL050	3	IAA COLLECTIONS
38AL052	4	IAA COLLECTIONS
38AL056	23	IAA COLLECTIONS
38AL058	5	IAA COLLECTIONS
38AL076	1	SWAILS COLLECTION
38AL078	3	SWAILS COLLECTION
38AL079	2	SWAILS COLLECTION
38AL084	1	SWAILS COLLECTION
38BK043	1	CHARLESTON MUSEUM
38BK084	1	IAA COLLECTIONS
38BK132	7	IAA COLLECTIONS
38BM004	1	LEE COLLECTION
38BM004	1	PARLER COLLECTION
38BM006	8	LEE COLLECTION
38BM007	5	IAA COLLECTIONS
38BM008	1	IAA COLLECTIONS
38BM013	3	IAA COLLECTIONS
38BM015	2	LEE COLLECTION
38BM015	2	PARLER COLLECTION
38BM016	2	PARLER COLLECTION
38BM026	1	LEE COLLECTION
38BM038	1	LEE COLLECTION
38BM039	1	SWAILS COLLECTION
38BR003	1	IAA COLLECTIONS
38BR055	2	IAA COLLECTIONS
38BR077	1	IAA COLLECTIONS
38BR109	1	IAA COLLECTIONS
38BU010	1	IAA COLLECTIONS
38BU028	1	CHARLESTON MUSEUM
38BU037	7	CHARLESTON MUSEUM
38CH008	5	CHARLESTON MUSEUM
38CH009	3	CHARLESTON MUSEUM
38CH016	1	CHARLESTON MUSEUM

ATTRIBUTE NUMBER 66

38CH021	3	CHARLESTON MUSEUM
38CH027	1	CHARLESTON MUSEUM
38CH030	1	CHARLESTON MUSEUM
38CH033	1	CHARLESTON MUSEUM
38CH034	3	CHARLESTON MUSEUM
38CH047	1	CHARLESTON MUSEUM
38CH060	1	IAA COLLECTIONS
38CL004	1	IAA COLLECTIONS
38CL009	1	IAA COLLECTIONS
38CL010	2	IAA COLLECTIONS
38CR002	1	IAA COLLECTIONS
38CR004	1	CHARLESTON MUSEUM
38CR006	1	CHARLESTON MUSEUM
38CR024	6	IAA COLLECTIONS
38CT003	2	CHARLESTON MUSEUM
38DA0A1	4	CHARLESTON MUSEUM
38DA001	6	CHARLESTON MUSEUM
38DA002	2	CHARLESTON MUSEUM
38DA003	5	CHARLESTON MUSEUM
38DA008	2	IAA COLLECTIONS
38DR006	4	CUTHBERT COLLECTIOI
38FL002	7	CHARLESTON MUSEUM
38FL003	1	CHARLESTON MUSEUM
38FL029	1	IAA COLLECTIONS
38FL030	3	IAA COLLECTIONS
38GE013	1	CHARLESTON MUSEUM
38GE020	8	IAA COLLECTIONS
38HA001	1	SWAILS COLLECTION
38HA002	12	IAA COLLECTIONS
38HA003	5	IAA COLLECTIONS
38HA009	1	SWAILS COLLECTION
38HA010	1	IAA COLLECTIONS
38HA011	8	IAA COLLECTIONS
38HA012	10	IAA COLLECTIONS
38HA013	1	SWAILS COLLECTION
38HA015	1	SWAILS COLLECTION
38HR005	4	IAA COLLECTIONS
38HR007	6	IAA COLLECTIONS
38HR022	2	IAA COLLECTIONS
38JA001	9	IAA COLLECTIONS
38JA010	3	IAA COLLECTIONS
38JA026	1	IAA COLLECTIONS
38JA032	6	IAA COLLECTIONS
38LE001	5	CHARLESTON MUSEUM
38LE002	1	CHARLESTON MUSEUM
38LX065	1	SWAILS COLLECTION
38MA001	10	CHARLESTON MUSEUM
38MA002	1	CHARLESTON MUSEUM
38MA034	1	IAA COLLECTIONS
38MA036	2	IAA COLLECTIONS
38MA037	3	IAA COLLECTIONS
38MA043	1	IAA COLLECTIONS
38MA044	1	IAA COLLECTIONS
38MA045	1	IAA COLLECTIONS
38OR018	1	IAA COLLECTIONS
38OR023	5	IAA COLLECTIONS
38OR028	2	IAA COLLECTIONS
38OR030	3	IAA COLLECTIONS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FALL LINE
FALL LINE
OCEAN
ATLANTIC
THE ATLANTIC COASTAL PLAIN
IN THE VICINITY OF
SOUTH CAROLINA
WITH MAJOR SWAMPS AND RIVER SYSTEMS
PARALLEL THICK CORD-MARKED
0 10 20 30 40
SCALE-MILES
CAPE FEAR
WARE GROUP

DGA-170

ATTRIBUTE NUMBER 66

38OR037	5	IAA COLLECTIONS
38OR038	3	IAA COLLECTIONS
38OR040	5	IAA COLLECTIONS
38OR051	2	LEE COLLECTION
38OR072	1	LEE COLLECTION
38SU007	2	IAA COLLECTIONS
38WG043	1	IAA COLLECTIONS

113 sites/ 116 collections/ 354 sherds

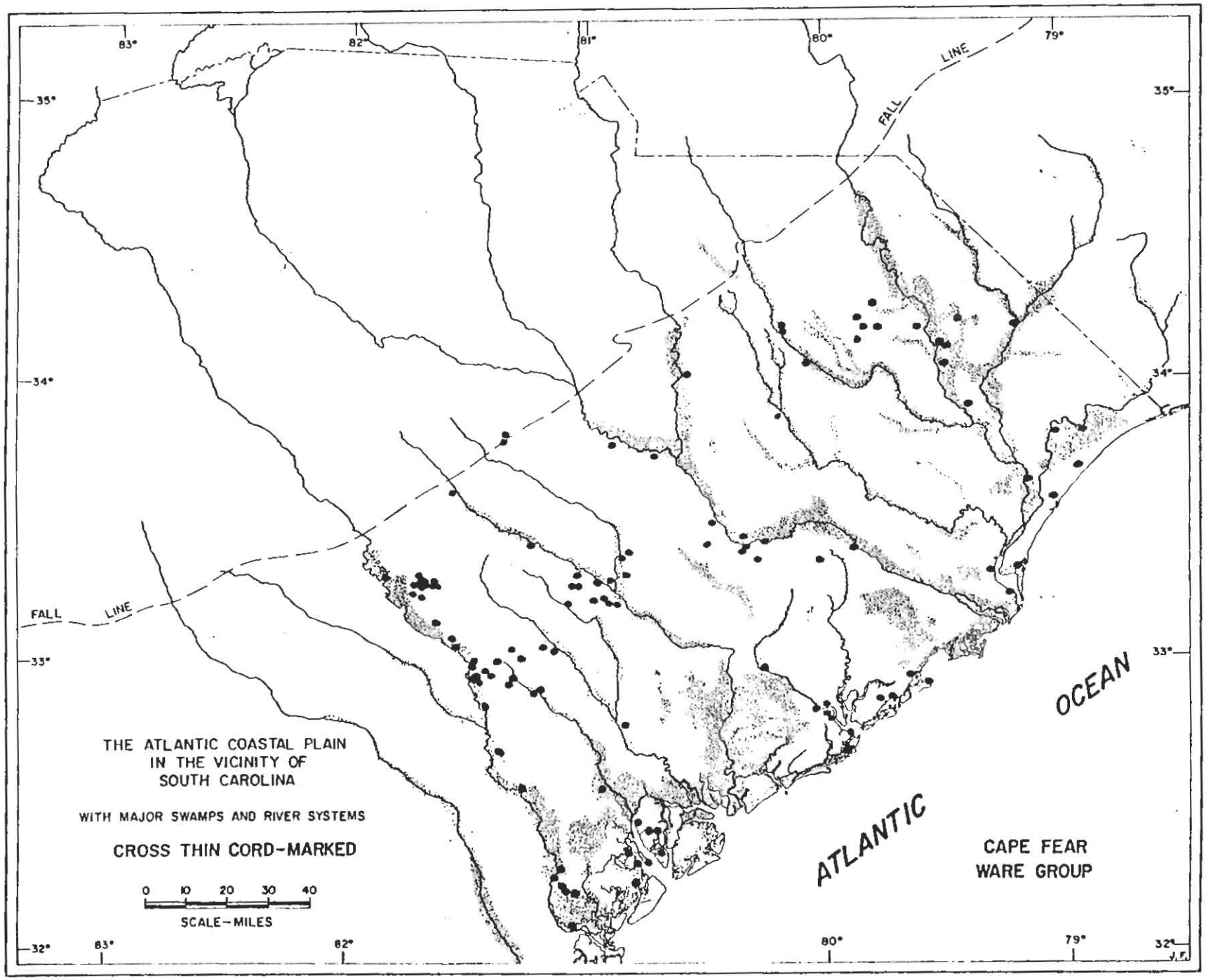
CROSS THIN CORD MARKED
FINE SAND/GRIT

ATTRIBUTE NUMBER 67

SITE NO	FREQ	LOCATION
38AK007	1	IAA COLLECTIONS
38AK044	1	SWAILS COLLECTION
38AK093	2	IAA COLLECTIONS
38AK119	1	IAA COLLECTIONS
38AK129	1	IAA COLLECTIONS
38AK140	4	IAA COLLECTIONS
38AK141	5	IAA COLLECTIONS
38AK142	7	IAA COLLECTIONS
38AK143	1	IAA COLLECTIONS
38AK149	2	IAA COLLECTIONS
38AK153	1	IAA COLLECTIONS
38AK156	1	IAA COLLECTIONS
38AK158	1	IAA COLLECTIONS
38ALA52	2	IAA COLLECTIONS
38AL001	4	IAA COLLECTIONS
38AL011	2	IAA COLLECTIONS
38AL012	1	IAA COLLECTIONS
38AL013	2	IAA COLLECTIONS
38AL024	4	IAA COLLECTIONS
38AL026	14	IAA COLLECTIONS
38AL037	1	IAA COLLECTIONS
38AL043	4	IAA COLLECTIONS
38AL047	8	IAA COLLECTIONS
38AL048	1	IAA COLLECTIONS
38AL050	8	IAA COLLECTIONS
38AL052	2	IAA COLLECTIONS
38AL056	10	IAA COLLECTIONS
38AL058	4	IAA COLLECTIONS
38AL078	3	SWAILS COLLECTION
38AL081	1	SWAILS COLLECTION
38AL084	2	SWAILS COLLECTION
38BK084	3	IAA COLLECTIONS
38BK132	3	IAA COLLECTIONS
38BM004	2	LEE COLLECTION
38BM004	2	LEE COLLECTION
38BM004	2	PARLER COLLECTION
38BM006	2	LEE COLLECTION
38BM007	1	IAA COLLECTIONS
38BM013	1	IAA COLLECTIONS

ATTRIBUTE NUMBER 67

38BM015	1	LEE COLLECTION
38BM015	1	PARLER COLLECTION
38BM023	1	LEE COLLECTION
38BM026	1	LEE COLLECTION
38BM031	3	PARLER COLLECTION
38BM038	1	LEE COLLECTION
38BR003	4	IAA COLLECTIONS
38BR055	1	IAA COLLECTIONS
38BU002	1	IAA COLLECTIONS
38BU026	2	CHARLESTON MUSEUM
38BU039	1	CHARLESTON MUSEUM
38BU041	5	CHARLESTON MUSEUM
38BU043	1	CHARLESTON MUSEUM
38BU067	1	IAA COLLECTIONS
38CH005	1	IAA COLLECTIONS
38CH008	5	CHARLESTON MUSEUM
38CH009	8	CHARLESTON MUSEUM
38CH016	3	CHARLESTON MUSEUM
38CH021	8	CHARLESTON MUSEUM
38CH031	2	CHARLESTON MUSEUM
38CH032	2	CHARLESTON MUSEUM
38CH033	1	CHARLESTON MUSEUM
38CH047	2	CHARLESTON MUSEUM
38CH060	2	IAA COLLECTIONS
38CH142	4	CUTHBERT COLLECTION
38CL004	2	IAA COLLECTIONS
38CL018	1	IAA COLLECTIONS
38CN006	2	IAA COLLECTIONS
38CR024	3	IAA COLLECTIONS
38DA0A1	5	CHARLESTON MUSEUM
38DA001	6	CHARLESTON MUSEUM
38DA003	8	CHARLESTON MUSEUM
38DR006	1	CUTHBERT COLLECTION
38FL002	8	CHARLESTON MUSEUM
38FL004	1	CHARLESTON MUSEUM
38FL007	2	CHARLESTON MUSEUM
38FL019	1	IAA COLLECTIONS
38GE005	1	IAA COLLECTIONS
38GE017	3	IAA COLLECTIONS
38GE020	8	IAA COLLECTIONS
38HA001	2	SWAILS COLLECTION
38HA002	12	IAA COLLECTIONS
38HA011	5	IAA COLLECTIONS
38HA012	8	IAA COLLECTIONS
38HR005	12	IAA COLLECTIONS
38HR007	1	IAA COLLECTIONS
38HR008	7	IAA COLLECTIONS
38HR022	4	IAA COLLECTIONS
38JA001	2	IAA COLLECTIONS
38JA020	1	IAA COLLECTIONS
38JA026	1	IAA COLLECTIONS
38JA029	4	IAA COLLECTIONS
38JA032	2	IAA COLLECTIONS
38JA036	3	IAA COLLECTIONS
38LE001	1	CHARLESTON MUSEUM
38LE004	1	IAA COLLECTIONS
38LE011	1	IAA COLLECTIONS
38LX017	4	IAA COLLECTIONS
38LX036	5	IAA COLLECTIONS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FALL LINE
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WITH MAJOR SWAMPS AND RIVER SYSTEMS
CROSS THIN CORD-MARKED
0 10 20 30 40
SCALE-MILES
ATLANTIC
OCEAN
CAPE FEAR
WARE GROUP

DGA-172

ATTRIBUTE NUMBER 67

38MA001	10	CHARLESTON MUSEUM
38MA002	3	CHARLESTON MUSEUM
38MA034	4	IAA COLLECTIONS
38MA036	27	IAA COLLECTIONS
38MA037	6	IAA COLLECTIONS
38MA044	3	IAA COLLECTIONS
38OR016	1	IAA COLLECTIONS
38OR019	1	IAA COLLECTIONS
38OR023	2	IAA COLLECTIONS
38OR026	1	IAA COLLECTIONS
38OR030	6	IAA COLLECTIONS
38OR033	1	IAA COLLECTIONS
38OR037	15	IAA COLLECTIONS
38OR040	2	IAA COLLECTIONS
38OR051	1	LEE COLLECTION
38OR072	1	LEE COLLECTION
38SU001	1	IAA COLLECTIONS
38SU002	1	IAA COLLECTIONS

111 sites/ 116 collections/ 393 sherds

CROSS THICK CORD MARKED
FINE SAND/GRIT

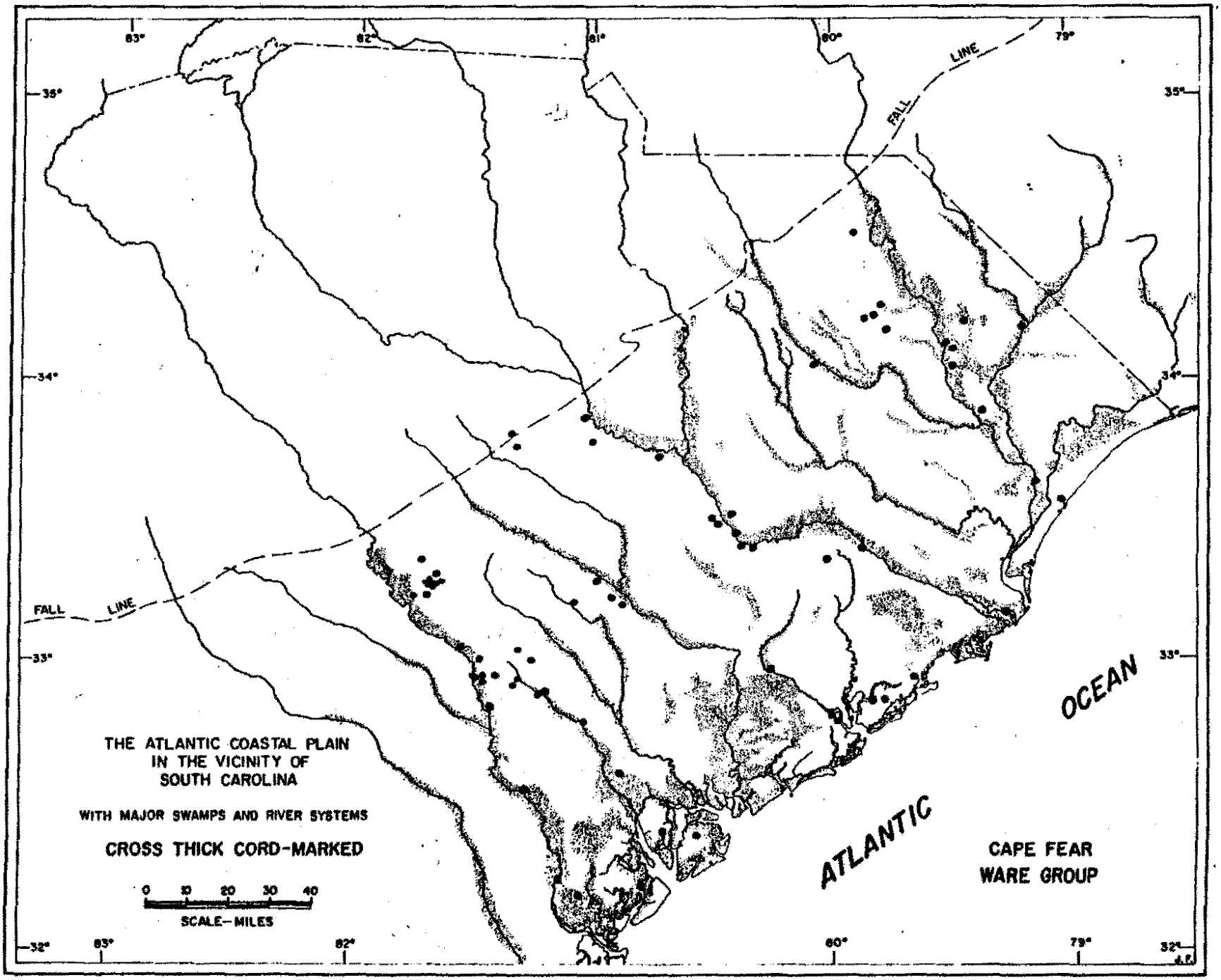
ATTRIBUTE NUMBER 68

SITE NO	FREQ	LOCATION
38AK088	2	IAA COLLECTIONS
38AK109	1	IAA COLLECTIONS
38AK134	1	IAA COLLECTIONS
38AK140	1	IAA COLLECTIONS
38AK141	3	IAA COLLECTIONS
38AK142	3	IAA COLLECTIONS
38AK143	2	IAA COLLECTIONS
38AK147	1	IAA COLLECTIONS
38AK149	1	IAA COLLECTIONS
38AK153	2	IAA COLLECTIONS
38AK155	1	IAA COLLECTIONS
38AL052	1	IAA COLLECTIONS
38AL001	8	IAA COLLECTIONS
38AL012	1	IAA COLLECTIONS
38AL013	2	IAA COLLECTIONS
38AL024	1	IAA COLLECTIONS
38AL026	9	IAA COLLECTIONS
38AL043	2	IAA COLLECTIONS
38AL047	4	IAA COLLECTIONS
38AL050	3	IAA COLLECTIONS
38AL052	2	IAA COLLECTIONS
38AL056	12	IAA COLLECTIONS
38AL060	2	SWAILS COLLECTION
38BK084	2	IAA COLLECTIONS
38BK132	7	IAA COLLECTIONS
38BM004	2	LEE COLLECTION

ATTRIBUTE NUMBER 68

38BM007	4	IAA COLLECTIONS
38BM014	1	LEE COLLECTION
38BM031	1	LEE COLLECTION
38BU025	1	IAA COLLECTIONS
38BU028	1	CHARLESTON MUSEUM
38BU067	1	IAA COLLECTIONS
38CH008	1	CHARLESTON MUSEUM
38CH009	2	CHARLESTON MUSEUM
38CH021	1	CHARLESTON MUSEUM
38CH030	1	CHARLESTON MUSEUM
38CH047	1	CHARLESTON MUSEUM
38CL004	6	IAA COLLECTIONS
38CL009	1	IAA COLLECTIONS
38CR002	1	IAA COLLECTIONS
38CR008	2	CHARLESTON MUSEUM
38CT003	5	CHARLESTON MUSEUM
38DA0A1	5	CHARLESTON MUSEUM
38DA001	6	CHARLESTON MUSEUM
38DA002	1	CHARLESTON MUSEUM
38DA003	6	CHARLESTON MUSEUM
38DR006	5	CUTHBERT COLLECTION
38FL002	3	CHARLESTON MUSEUM
38GE020	4	IAA COLLECTIONS
38GE046	1	IAA COLLECTIONS
38HA002	11	IAA COLLECTIONS
38HA011	1	IAA COLLECTIONS
38HA012	4	IAA COLLECTIONS
38HA016	1	SWAILS COLLECTION
38HR005	3	IAA COLLECTIONS
38JA001	2	IAA COLLECTIONS
38JA010	3	IAA COLLECTIONS
38JA032	7	IAA COLLECTIONS
38LE001	3	CHARLESTON MUSEUM
38LX002	3	CHARLESTON MUSEUM
38LX017	1	IAA COLLECTIONS
38LX018	3	IAA COLLECTIONS
38MA001	6	CHARLESTON MUSEUM
38MA002	3	CHARLESTON MUSEUM
38MA034	3	IAA COLLECTIONS
38MA036	3	IAA COLLECTIONS
38MA037	1	IAA COLLECTIONS
38MA045	2	IAA COLLECTIONS
38OR016	1	IAA COLLECTIONS
38OR035	1	IAA COLLECTIONS
38OR037	4	IAA COLLECTIONS
38OR038	1	IAA COLLECTIONS

70 sites/ 72 collections/ 208 sherds


83°
82°
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FALL LINE
FALL LINE
OCEAN
ATLANTIC
THE ATLANTIC COASTAL PLAIN
IN THE VICINITY OF
SOUTH CAROLINA
WITH MAJOR SWAMPS AND RIVER SYSTEMS
CROSS THICK CORD-MARKED
0 10 20 30 40
SCALE—MILES
CAPE FEAR
WARE GROUP

DGA-174

LINEAR CHECKSTAMPED
FINE SAND/GRIT

ATTRIBUTE NUMBER 69

SITE NO	FREQ	LOCATION
38AK014	16	CHARLESTON MUSEUM
38AK041	4	IAA COLLECTIONS
38AK044	1	SWAILS COLLECTION
38AK045	2	SWAILS COLLECTION
38AK088	15	IAA COLLECTIONS
38AK093	4	IAA COLLECTIONS
38AK105	9	IAA COLLECTIONS
38AK105	10	IAA COLLECTIONS
38AK110	1	IAA COLLECTIONS
38AK139	3	IAA COLLECTIONS
38AK140	16	IAA COLLECTIONS
38AK143	17	IAA COLLECTIONS
38AK144	1	IAA COLLECTIONS
38AK149	2	IAA COLLECTIONS
38AK166	1	IAA COLLECTIONS
38AK171	1	IAA COLLECTIONS
38AL002	1	IAA COLLECTIONS
38AL007	2	SWAILS COLLECTION
38AL012	16	IAA COLLECTIONS
38AL024	4	IAA COLLECTIONS
38AL048	5	IAA COLLECTIONS
38AL050	1	IAA COLLECTIONS
38AL056	21	IAA COLLECTIONS
38AL058	8	IAA COLLECTIONS
38AL070	4	SWAILS COLLECTION
38AL075	3	SWAILS COLLECTION
38AL076	12	SWAILS COLLECTION
38AL077	12	SWAILS COLLECTION
38AL078	12	SWAILS COLLECTION
38AL079	7	SWAILS COLLECTION
38AL080	3	SWAILS COLLECTION
38AL081	3	SWAILS COLLECTION
38AL082	1	SWAILS COLLECTION
38AL083	3	SWAILS COLLECTION
38AL084	1	SWAILS COLLECTION
38AL086	2	SWAILS COLLECTION
38BK010	3	CHARLESTON MUSEUM
38BK042	2	CHARLESTON MUSEUM
38BK076	26	IAA COLLECTIONS
38BK081	2	IAA COLLECTIONS
38BK084	2	IAA COLLECTIONS
38BM004	27	LEE COLLECTION
38BM004	1	PARLER COLLECTION
38BM006	2	IAA COLLECTIONS
38BM006	8	LEE COLLECTION
38BM007	2	IAA COLLECTIONS
38BM008	2	IAA COLLECTIONS
38BM013	7	IAA COLLECTIONS
38BM015	45	LEE COLLECTION
38BM017	1	LEE COLLECTION
38BM023	2	LEE COLLECTION

ATTRIBUTE NUMBER 69

38BM024	12	LEE COLLECTION
38BM025	3	PARLER COLLECTION
38BM030	1	PARLER COLLECTION
38BM031	17	LEE COLLECTION
38BM031	17	PARLER COLLECTION
38BM037	5	LEE COLLECTION
38BM038	12	LEE COLLECTION
38BR003	1	IAA COLLECTIONS
38BR006	2	IAA COLLECTIONS
38BR055	1	IAA COLLECTIONS
38BR059	1	IAA COLLECTIONS
38BR097	1	IAA COLLECTIONS
38BU028	17	CHARLESTON MUSEUM
38BU031	1	CHARLESTON MUSEUM
38BU037	12	CHARLESTON MUSEUM
38BU041	1	CHARLESTON MUSEUM
38BU046	1	CHARLESTON MUSEUM
38CH008	8	CHARLESTON MUSEUM
38CH016	3	CHARLESTON MUSEUM
38CH021	2	CHARLESTON MUSEUM
38CH031	1	CHARLESTON MUSEUM
38CH034	2	CHARLESTON MUSEUM
38CH042	1	CHARLESTON MUSEUM
38CL004	9	IAA COLLECTIONS
38CL009	5	IAA COLLECTIONS
38CL010	1	IAA COLLECTIONS
38CL016	7	IAA COLLECTIONS
38CL021	43	IAA COLLECTIONS
38CR002	16	IAA COLLECTIONS
38CR005	5	CHARLESTON MUSEUM
38CR006	1	CHARLESTON MUSEUM
38CR008	27	CHARLESTON MUSEUM
38CR019	1	IAA COLLECTIONS
38CR021	3	IAA COLLECTIONS
38CR024	45	IAA COLLECTIONS
38CR025	1	IAA COLLECTIONS
38DA001	3	CHARLESTON MUSEUM
38DA002	5	CHARLESTON MUSEUM
38DR006	1	CUTHBERT COLLECTION
38FL001	6	CHARLESTON MUSEUM
38FL006	1	CHARLESTON MUSEUM
38FL017	2	IAA COLLECTIONS
38FL029	1	IAA COLLECTIONS
38GE005	10	IAA COLLECTIONS
38GE012	2	CHARLESTON MUSEUM
38GE017	7	IAA COLLECTIONS
38GE024	2	IAA COLLECTIONS
38GE029	1	IAA COLLECTIONS
38GE046	56	IAA COLLECTIONS
38HA001	8	SWAILS COLLECTION
38HA002	10	IAA COLLECTIONS
38HA003	1	IAA COLLECTIONS
38HA009	2	SWAILS COLLECTION
38HA011	11	IAA COLLECTIONS
38HA014	1	SWAILS COLLECTION
38HA016	1	SWAILS COLLECTION
38HR007	1	IAA COLLECTIONS
38HR012	4	CHARLESTON MUSEUM
38JA001	36	IAA COLLECTIONS

ATTRIBUTE NUMBER 69

38JA005	1	IAA COLLECTIONS
38JA023	10	IAA COLLECTIONS
38JA026	6	IAA COLLECTIONS
38JA029	1	IAA COLLECTIONS
38JA032	2	IAA COLLECTIONS
38LE001	9	CHARLESTON MUSEUM
38LE002	10	CHARLESTON MUSEUM
38LE004	1	IAA COLLECTIONS
38LE009	2	IAA COLLECTIONS
38LE011	4	IAA COLLECTIONS
38LX002	32	CHARLESTON MUSEUM
38LX017	70	IAA COLLECTIONS
38LX017	19	SWAILS COLLECTION
38LX018	6	IAA COLLECTIONS
38LX018	3	SWAILS COLLECTION
38LX021	1	SWAILS COLLECTION
38LX036	1	IAA COLLECTIONS
38LX068	1	IAA COLLECTIONS
38LX085	6	SWAILS COLLECTION
38LX086	1	SWAILS COLLECTION
38MA001	5	CHARLESTON MUSEUM
38MA002	10	CHARLESTON MUSEUM
38MA029	7	IAA COLLECTIONS
38MA034	7	IAA COLLECTIONS
38MA036	3	IAA COLLECTIONS
38MA037	7	IAA COLLECTIONS
38MA042	1	IAA COLLECTIONS
38MA043	2	IAA COLLECTIONS
38MA045	4	IAA COLLECTIONS
38OR009	5	IAA COLLECTIONS
38OR011	3	LEE COLLECTION
38OR018	3	IAA COLLECTIONS
38OR019	3	IAA COLLECTIONS
38OR020	2	IAA COLLECTIONS
38OR023	7	IAA COLLECTIONS
38OR024	2	IAA COLLECTIONS
38OR030	236	IAA COLLECTIONS
38OR035	6	IAA COLLECTIONS
38OR037	2	IAA COLLECTIONS
38OR038	3	IAA COLLECTIONS
38OR040	5	IAA COLLECTIONS
38OR042	1	SWAILS COLLECTION
38OR043	6	SWAILS COLLECTION
38OR050	1	LEE COLLECTION
38OR051	3	LEE COLLECTION
38OR060	5	LEE COLLECTION
38OR063	1	LEE COLLECTION
38OR066	6	LEE COLLECTION
38OR072	3	LEE COLLECTION
38OR073	2	LEE COLLECTION
38RD001	65	IAA COLLECTIONS
38RD052	10	IAA COLLECTIONS
38RD060	60	SLOCUM COLLECTION
38SU002	1	IAA COLLECTIONS
38WG043	2	IAA COLLECTIONS

159 sites/ 165 collections/ 1530 sherds

CHECK STAMPED
FINE SAND/GRIT

ATTRIBUTE NUMBER 70

SITE NO	FREQ	LOCATION
38AK007	1	IAA COLLECTIONS
38AK007	2	CHARLESTON MUSEUM
38AK088	3	IAA COLLECTIONS
38AK105	2	IAA COLLECTIONS
38AK141	1	IAA COLLECTIONS
38AK142	3	IAA COLLECTIONS
38AK149	1	IAA COLLECTIONS
38AL012	9	IAA COLLECTIONS
38AL043	1	IAA COLLECTIONS
38AL047	3	IAA COLLECTIONS
38AL052	1	IAA COLLECTIONS
38AL056	5	IAA COLLECTIONS
38AL070	2	SWAILS COLLECTION
38AL077	2	SWAILS COLLECTION
38AL078	2	SWAILS COLLECTION
38AL083	1	SWAILS COLLECTION
38AL084	1	SWAILS COLLECTION
38BK043	1	CHARLESTON MUSEUM
38BK084	4	IAA COLLECTIONS
38BM015	1	PARLER COLLECTION
38BM025	1	LEE COLLECTION
38BM038	1	LEE COLLECTION
38BU025	7	IAA COLLECTIONS
38BU027	1	CHARLESTON MUSEUM
38BU028	2	CHARLESTON MUSEUM
38BU031	2	CHARLESTON MUSEUM
38BU037	4	CHARLESTON MUSEUM
38BU040	1	CHARLESTON MUSEUM
38BU041	3	CHARLESTON MUSEUM
38BU046	1	CHARLESTON MUSEUM
38CH003	2	CHARLESTON MUSEUM
38CH008	8	CHARLESTON MUSEUM
38CH009	3	CHARLESTON MUSEUM
38CH021	5	CHARLESTON MUSEUM
38CH026	1	CHARLESTON MUSEUM
38CH031	1	CHARLESTON MUSEUM
38CL004	5	IAA COLLECTIONS
38CL021	2	IAA COLLECTIONS
38CR003	1	CHARLESTON MUSEUM
38CR005	2	CHARLESTON MUSEUM
38CR019	1	IAA COLLECTIONS
38CR024	4	IAA COLLECTIONS
38CT003	1	CHARLESTON MUSEUM
38FL001	1	CHARLESTON MUSEUM
38FL017	2	IAA COLLECTIONS
38GE012	2	CHARLESTON MUSEUM
38GE013	1	CHARLESTON MUSEUM
38GE017	4	IAA COLLECTIONS
38GE024	2	IAA COLLECTIONS
38GE029	1	IAA COLLECTIONS
38GE046	19	IAA COLLECTIONS

ATTRIBUTE NUMBER 70

SITE NO	FREQ	LOCATION
38HA001	4	IAA COLLECTIONS
38HA001	4	SWAILS COLLECTION
38HA002	2	IAA COLLECTIONS
38HA011	2	IAA COLLECTIONS
38HA016	1	SWAILS COLLECTION
38HR005	8	IAA COLLECTIONS
38HR007	1	IAA COLLECTIONS
38HR012	3	CHARLESTON MUSEUM
38HR022	4	IAA COLLECTIONS
38JA001	4	IAA COLLECTIONS
38JA023	22	IAA COLLECTIONS
38JA026	2	IAA COLLECTIONS
38JA027	1	IAA COLLECTIONS
38JA032	5	IAA COLLECTIONS
38JA033	5	IAA COLLECTIONS
38JA036	1	IAA COLLECTIONS
38LE001	4	CHARLESTON MUSEUM
38LE002	1	CHARLESTON MUSEUM
38LE003	1	CHARLESTON MUSEUM
38LX002	1	CHARLESTON MUSEUM
38LX018	1	IAA COLLECTIONS
38LX021	1	IAA COLLECTIONS
38LX036	1	IAA COLLECTIONS
38LX085	1	SWAILS COLLECTION
38MA001	3	CHARLESTON MUSEUM
38MA029	2	IAA COLLECTIONS
38MA032	6	IAA COLLECTIONS
38MA034	18	IAA COLLECTIONS
38MA038	1	IAA COLLECTIONS
38MA044	10	IAA COLLECTIONS
38MA045	5	IAA COLLECTIONS
38OR009	1	IAA COLLECTIONS
38OR019	2	IAA COLLECTIONS
38OR020	1	IAA COLLECTIONS
38OR030	25	IAA COLLECTIONS
38OR035	1	IAA COLLECTIONS
38OR040	1	IAA COLLECTIONS

87 sites/ 88 collections/ 293 sherds

FABRIC, LOOSE WEAVE
FINE SAND/GRIT

ATTRIBUTE NUMBER 71

SITE NO	FREQ	LOCATION
38AK141	2	IAA COLLECTIONS
38AL013	1	IAA COLLECTIONS
38AL052	1	IAA COLLECTIONS
38AL056	1	IAA COLLECTIONS
38AL070	2	SWAILS COLLECTION
38BK070	2	IAA COLLECTIONS
38BK081	1	IAA COLLECTIONS
38BK084	1	IAA COLLECTIONS

ATTRIBUTE NUMBER 71

SITE NO	FREQ	LOCATION
38BK109	1	IAA COLLECTIONS
38BK132	37	IAA COLLECTIONS
38BM004	1	LEE COLLECTION
38BM006	1	LEE COLLECTION
38BM007	7	IAA COLLECTIONS
38BM024	1	LEE COLLECTION
38BM025	1	LEE COLLECTION
38BM033	1	PARLER COLLECTION
38BU009	1	IAA COLLECTIONS
38BU025	1	IAA COLLECTIONS
38BU040	2	CHARLESTON MUSEUM
38BU041	2	CHARLESTON MUSEUM
38CH006	9	CHARLESTON MUSEUM
38CH009	2	CHARLESTON MUSEUM
38CH021	6	CHARLESTON MUSEUM
38CH023	12	CHARLESTON MUSEUM
38CH031	2	CHARLESTON MUSEUM
38CH032	1	CHARLESTON MUSEUM
38CH034	1	CHARLESTON MUSEUM
38CL009	1	IAA COLLECTIONS
38CL018	2	IAA COLLECTIONS
38CL021	4	IAA COLLECTIONS
38CN006	1	IAA COLLECTIONS
38CR006	1	CHARLESTON MUSEUM
38CR019	1	IAA COLLECTIONS
38CR024	15	IAA COLLECTIONS
38DA001	1	CHARLESTON MUSEUM
38DA002	3	CHARLESTON MUSEUM
38DA003	1	CHARLESTON MUSEUM
38DA005	1	IAA COLLECTIONS
38DR006	2	CUTHBERT COLLECTION
38FL001	2	CHARLESTON MUSEUM
38FL016	4	IAA COLLECTIONS
38FL019	1	IAA COLLECTIONS
38GE005	4	IAA COLLECTIONS
38GE017	11	IAA COLLECTIONS
38GE020	14	IAA COLLECTIONS
38GE024	3	IAA COLLECTIONS
38GE029	2	IAA COLLECTIONS
38GE046	3	IAA COLLECTIONS
38HA002	3	IAA COLLECTIONS
38HA003	1	IAA COLLECTIONS
38HA009	1	SWAILS COLLECTION
38HA011	2	IAA COLLECTIONS
38HA012	2	IAA COLLECTIONS
38HR005	11	IAA COLLECTIONS
38HR007	2	IAA COLLECTIONS
38HR012	22	CHARLESTON MUSEUM
38HR022	3	IAA COLLECTIONS
38JA001	2	IAA COLLECTIONS
38JA010	1	IAA COLLECTIONS
38LX017	7	IAA COLLECTIONS
38MA001	4	CHARLESTON MUSEUM
38MA002	1	CHARLESTON MUSEUM
38MA034	3	IAA COLLECTIONS
38MA036	3	IAA COLLECTIONS
38MA037	4	IAA COLLECTIONS
38MA038	2	IAA COLLECTIONS

ATTRIBUTE NUMBER 71

38MA045	1	IAA COLLECTIONS
38OR016	3	IAA COLLECTIONS
38OR019	2	IAA COLLECTIONS
38OR020	2	IAA COLLECTIONS
38OR025	2	IAA COLLECTIONS
38OR030	33	IAA COLLECTIONS
38OR037	1	IAA COLLECTIONS
38OR040	1	IAA COLLECTIONS
38OR066	2	LEE COLLECTION
38OR073	1	LEE COLLECTION
38RD060	14	SLOCUM COLLECTION

77 sites/ 77 collections/ 313 sherds

FABRIC, RIGID WARP
FINE SAND/GRIT

ATTRIBUTE NUMBER 72

SITE NO	FREQ	LOCATION
38AK014	3	CHARLESTON MUSEUM
38AL007	3	SWAILS COLLECTION
38AL056	1	IAA COLLECTIONS
38AL075	1	SWAILS COLLECTION
38AL078	1	SWAILS COLLECTION
38BK054	7	IAA COLLECTIONS
38BK109	10	IAA COLLECTIONS
38BK132	45	IAA COLLECTIONS
38BM004	1	LEE COLLECTION
38BM006	1	LEE COLLECTION
38BM007	12	IAA COLLECTIONS
38BM013	3	IAA COLLECTIONS
38BM022	1	PARLER COLLECTION
38BM024	5	LEE COLLECTION
38BM031	2	LEE COLLECTION
38BM037	1	LEE COLLECTION
38BM038	1	LEE COLLECTION
38BR055	1	IAA COLLECTIONS
38BU041	1	CHARLESTON MUSEUM
38CH008	9	CHARLESTON MUSEUM
38CH021	5	CHARLESTON MUSEUM
38CH030	1	CHARLESTON MUSEUM
38CH031	2	CHARLESTON MUSEUM
38CH034	1	CHARLESTON MUSEUM
38CR005	2	CHARLESTON MUSEUM
38CR006	1	CHARLESTON MUSEUM
38CR008	1	CHARLESTON MUSEUM
38CR019	1	IAA COLLECTIONS
38CR024	16	IAA COLLECTIONS
38CR025	2	IAA COLLECTIONS
38CT003	9	CHARLESTON MUSEUM
38DA003	5	CHARLESTON MUSEUM
38DR006	4	CUTHBERT COLLECTION
38FL001	3	CHARLESTON MUSEUM
38FL016	3	IAA COLLECTIONS
38GE005	4	IAA COLLECTIONS
38GE012	5	CHARLESTON MUSEUM
38GE013	2	CHARLESTON MUSEUM
38GE017	6	IAA COLLECTIONS
38GE020	15	IAA COLLECTIONS
38GE024	7	IAA COLLECTIONS
38GE029	4	IAA COLLECTIONS
38GE046	5	IAA COLLECTIONS
38HA012	8	IAA COLLECTIONS
38HR005	1	IAA COLLECTIONS
38HR012	8	CHARLESTON MUSEUM
38JA001	1	IAA COLLECTIONS
38JA010	1	IAA COLLECTIONS
38LE001	3	CHARLESTON MUSEUM
38LE002	1	CHARLESTON MUSEUM
38LE004	3	IAA COLLECTIONS
38LE007	1	IAA COLLECTIONS
38LX002	2	CHARLESTON MUSEUM
38LX017	2	IAA COLLECTIONS
38LX036	2	IAA COLLECTIONS
38MA002	2	CHARLESTON MUSEUM
38MA034	1	IAA COLLECTIONS
38MA036	2	IAA COLLECTIONS
38MA038	1	IAA COLLECTIONS
38OR018	20	IAA COLLECTIONS
38OR019	6	IAA COLLECTIONS
38OR030	49	IAA COLLECTIONS
38OR035	1	IAA COLLECTIONS
38OR040	1	IAA COLLECTIONS
38OR043	1	SWAILS COLLECTION
38OR051	5	LEE COLLECTION
38OR072	2	LEE COLLECTION
38OR073	1	LEE COLLECTION
38SU001	1	IAA COLLECTIONS

69 sites/ 69 collections/ 339 sherds

FABRIC, NET
FINE SAND/GRIT

ATTRIBUTE NUMBER 73

SITE NO	FREQ	LOCATION
38BU027	10	CHARLESTON MUSEUM
38CH024	1	IAA COLLECTIONS
38MA034	1	IAA COLLECTIONS

3 sites/ 3 collections/ 12 sherds

PLAIN
FINE SAND/GRIT

ATTRIBUTE NUMBER 74

SITE NO	FREQ	LOCATION
38AK007	41	IAA COLLECTIONS
38AK007	2	CHARLESTON MUSEUM
38AK014	22	CHARLESTON MUSEUM
38AK041	7	IAA COLLECTIONS
38AK044	2	SWAILS COLLECTION
38AK045	1	SWAILS COLLECTION
38AK063	3	IAA COLLECTIONS
38AK088	12	IAA COLLECTIONS
38AK093	6	IAA COLLECTIONS
38AK105	3	IAA COLLECTIONS
38AK105	4	IAA COLLECTIONS
38AK119	3	IAA COLLECTIONS
38AK134	1	IAA COLLECTIONS
38AK139	3	IAA COLLECTIONS
38AK140	12	IAA COLLECTIONS
38AK141	11	IAA COLLECTIONS
38AK142	18	IAA COLLECTIONS
38AK143	14	IAA COLLECTIONS
38AK149	6	IAA COLLECTIONS
38AK153	4	IAA COLLECTIONS
38AK156	1	IAA COLLECTIONS
38AK164	2	IAA COLLECTIONS
38AK166	8	IAA COLLECTIONS
38AK171	3	IAA COLLECTIONS
38ALA52	3	IAA COLLECTIONS
38AL001	36	IAA COLLECTIONS
38AL002	10	IAA COLLECTIONS
38AL007	4	SWAILS COLLECTION
38AL012	15	IAA COLLECTIONS
38AL013	9	IAA COLLECTIONS
38AL024	21	IAA COLLECTIONS
38AL026	59	IAA COLLECTIONS
38AL037	3	IAA COLLECTIONS
38AL043	5	IAA COLLECTIONS
38AL046	1	IAA COLLECTIONS
38AL047	31	IAA COLLECTIONS
38AL048	5	IAA COLLECTIONS
38AL050	4	IAA COLLECTIONS
38AL052	6	IAA COLLECTIONS
38AL056	29	IAA COLLECTIONS
38AL058	9	IAA COLLECTIONS
38AL070	6	SWAILS COLLECTION
38AL075	7	SWAILS COLLECTION
38AL076	8	SWAILS COLLECTION
38AL077	4	SWAILS COLLECTION
38AL078	9	SWAILS COLLECTION
38AL079	6	SWAILS COLLECTION
38AL080	2	SWAILS COLLECTION
38AL084	1	SWAILS COLLECTION
38BK010	2	CHARLESTON MUSEUM
38BK040	1	CHARLESTON MUSEUM

ATTRIBUTE NUMBER 74

38BK043	19	CHARLESTON MUSEUM
38BK076	4	IAA COLLECTIONS
38BK084	32	IAA COLLECTIONS
38BK109	24	IAA COLLECTIONS
38BK113	12	IAA COLLECTIONS
38BK132	145	IAA COLLECTIONS
38BM004	11	LEE COLLECTION
38BM004	2	PARLER COLLECTION
38BM006	22	IAA COLLECTIONS
38BM006	76	LEE COLLECTION
38BM007	33	IAA COLLECTIONS
38BM008	2	IAA COLLECTIONS
38BM013	15	IAA COLLECTIONS
38BM014	12	LEE COLLECTION
38BM014	1	PARLER COLLECTION
38BM015	42	LEE COLLECTION
38BM015	2	PARLER COLLECTION
38BM016	1	PARLER COLLECTION
38BM017	1	LEE COLLECTION
38BM021	3	PARLER COLLECTION
38BM022	1	PARLER COLLECTION
38BM023	4	LEE COLLECTION
38BM024	33	LEE COLLECTION
38BM025	10	LEE COLLECTION
38BM025	1	PARLER COLLECTION
38BM026	12	LEE COLLECTION
38BM026	1	PARLER COLLECTION
38BM031	1	LEE COLLECTION
38BM031	6	PARLER COLLECTION
38BM035	5	LEE COLLECTION
38BM037	8	LEE COLLECTION
38BM038	3	LEE COLLECTION
38BM039	11	SWAILS COLLECTION
38BR003	30	IAA COLLECTIONS
38BR006	5	IAA COLLECTIONS
38BR055	8	IAA COLLECTIONS
38BR058	4	IAA COLLECTIONS
38BR059	1	IAA COLLECTIONS
38BU002	1	IAA COLLECTIONS
38BU009	17	IAA COLLECTIONS
38BU010	1	IAA COLLECTIONS
38BU021	6	IAA COLLECTIONS
38BU023	13	IAA COLLECTIONS
38BU025	87	IAA COLLECTIONS
38BU026	7	IAA COLLECTIONS
38BU028	2	CHARLESTON MUSEUM
38BU031	1	CHARLESTON MUSEUM
38BU032	1	CHARLESTON MUSEUM
38BU037	2	CHARLESTON MUSEUM
38BU040	2	CHARLESTON MUSEUM
38BU041	4	CHARLESTON MUSEUM
38BU043	3	CHARLESTON MUSEUM
38BU048	1	CHARLESTON MUSEUM
38BU062	1	IAA COLLECTIONS
38BU063	6	IAA COLLECTIONS
38CH002	2	CHARLESTON MUSEUM
38CH003	1	CHARLESTON MUSEUM
38CH005	4	IAA COLLECTIONS
38CH007	81	IAA COLLECTIONS

ATTRIBUTE NUMBER 74

38CH008	83	CHARLESTON MUSEUM
38CH009	104	CHARLESTON MUSEUM
38CH014	13	CHARLESTON MUSEUM
38CH016	1	CHARLESTON MUSEUM
38CH021	17	CHARLESTON MUSEUM
38CH024	16	IAA COLLECTIONS
38CH026	1	CHARLESTON MUSEUM
38CH027	1	CHARLESTON MUSEUM
38CH032	3	CHARLESTON MUSEUM
38CH033	4	CHARLESTON MUSEUM
38CH034	1	CHARLESTON MUSEUM
38CH041	5	IAA COLLECTIONS
38CH042	5	IAA COLLECTIONS
38CH042	2	CHARLESTON MUSEUM
38CH060	1	IAA COLLECTIONS
38CH217	5	CHARLESTON MUSEUM
38CL004	13	IAA COLLECTIONS
38CL009	24	IAA COLLECTIONS
38CL010	17	IAA COLLECTIONS
38CL018	32	IAA COLLECTIONS
38CL021	42	IAA COLLECTIONS
38CR001	24	IAA COLLECTIONS
38CR002	41	IAA COLLECTIONS
38CR003	17	CHARLESTON MUSEUM
38CR004	5	CHARLESTON MUSEUM
38CR005	25	CHARLESTON MUSEUM
38CR006	17	CHARLESTON MUSEUM
38CR008	98	CHARLESTON MUSEUM
38CR021	45	IAA COLLECTIONS
38CR024	134	IAA COLLECTIONS
38CT003	6	CHARLESTON MUSEUM
38DA001	11	CHARLESTON MUSEUM
38DA001	10	CHARLESTON MUSEUM
38DA002	21	CHARLESTON MUSEUM
38DA003	15	CHARLESTON MUSEUM
38DA008	5	IAA COLLECTIONS
38DR006	1	CUTHBERT COLLECTION
38FL001	32	CHARLESTON MUSEUM
38FL004	3	CHARLESTON MUSEUM
38FL005	8	CHARLESTON MUSEUM
38FL006	1	CHARLESTON MUSEUM
38FL016	10	IAA COLLECTIONS
38FL017	1	IAA COLLECTIONS
38FL019	4	IAA COLLECTIONS
38FL029	4	IAA COLLECTIONS
38FL030	7	IAA COLLECTIONS
38GE005	19	IAA COLLECTIONS
38GE012	1	CHARLESTON MUSEUM
38GE013	4	CHARLESTON MUSEUM
38GE017	13	IAA COLLECTIONS
38GE020	41	IAA COLLECTIONS
38GE024	54	IAA COLLECTIONS
38GE029	5	IAA COLLECTIONS
38GE046	53	IAA COLLECTIONS
38HA001	2	SWAILS COLLECTION
38HA002	55	IAA COLLECTIONS
38HA003	2	IAA COLLECTIONS
38HA009	1	SWAILS COLLECTION
38HA010	1	IAA COLLECTIONS

ATTRIBUTE NUMBER 74

38HA011	14	IAA COLLECTIONS
38HA012	22	IAA COLLECTIONS
38HA013	1	SWAILS COLLECTION
38HA014	2	SWAILS COLLECTION
38HA016	1	SWAILS COLLECTION
38HR005	13	IAA COLLECTIONS
38HR007	1	IAA COLLECTIONS
38HR008	7	IAA COLLECTIONS
38HR012	3	CHARLESTON MUSEUM
38HR022	17	IAA COLLECTIONS
38JA001	39	IAA COLLECTIONS
38JA005	1	IAA COLLECTIONS
38JA010	2	IAA COLLECTIONS
38JA020	3	IAA COLLECTIONS
38JA023	25	IAA COLLECTIONS
38JA026	9	IAA COLLECTIONS
38JA027	1	IAA COLLECTIONS
38JA032	10	IAA COLLECTIONS
38JA033	7	IAA COLLECTIONS
38JA036	1	IAA COLLECTIONS
38KE012	109	IAA COLLECTIONS
38KE018	5	IAA COLLECTIONS
38LE001	57	CHARLESTON MUSEUM
38LE002	11	CHARLESTON MUSEUM
38LE003	3	CHARLESTON MUSEUM
38LE004	2	IAA COLLECTIONS
38LE007	2	IAA COLLECTIONS
38LE009	1	IAA COLLECTIONS
38LE011	20	IAA COLLECTIONS
38LX002	44	CHARLESTON MUSEUM
38LX017	92	IAA COLLECTIONS
38LX017	1	SWAILS COLLECTION
38LX018	26	IAA COLLECTIONS
38LX021	2	IAA COLLECTIONS
38LX021	2	SWAILS COLLECTION
38LX036	9	IAA COLLECTIONS
38LX068	63	IAA COLLECTIONS
38LX085	11	SWAILS COLLECTION
38LX086	2	SWAILS COLLECTION
38MA001	50	CHARLESTON MUSEUM
38MA002	4	CHARLESTON MUSEUM
38MA029	6	IAA COLLECTIONS
38MA032	1	IAA COLLECTIONS
38MA034	21	IAA COLLECTIONS
38MA036	4	IAA COLLECTIONS
38MA037	9	IAA COLLECTIONS
38MA040	3	IAA COLLECTIONS
38MA042	5	IAA COLLECTIONS
38MA043	1	IAA COLLECTIONS
38MA044	10	IAA COLLECTIONS
38MA045	27	IAA COLLECTIONS
38ML004	1	IAA COLLECTIONS
38OR007	5	IAA COLLECTIONS
38OR009	32	IAA COLLECTIONS
38OR010	5	IAA COLLECTIONS
38OR011	3	LEE COLLECTION
38OR018	6	IAA COLLECTIONS
38OR019	11	IAA COLLECTIONS
38OR020	25	IAA COLLECTIONS

ATTRIBUTE NUMBER 74

38OR023	29	IAA COLLECTIONS
38OR025	11	IAA COLLECTIONS
38OR028	57	IAA COLLECTIONS
38OR030	401	IAA COLLECTIONS
38OR033	30	IAA COLLECTIONS
38OR035	1	IAA COLLECTIONS
38OR036	15	IAA COLLECTIONS
38OR037	9	IAA COLLECTIONS
38OR038	14	IAA COLLECTIONS
38OR040	101	IAA COLLECTIONS
38OR042	3	SWAILS COLLECTION
38OR043	2	SWAILS COLLECTION
38OR050	6	LEE COLLECTION
38OR051	15	LEE COLLECTION
38OR053	2	LEE COLLECTION
38OR066	13	LEE COLLECTION
38OR071	1	LEE COLLECTION
38OR072	28	LEE COLLECTION
38OR073	6	LEE COLLECTION
38RD016	1	SWAILS COLLECTION
38RD052	2	IAA COLLECTIONS
38RD060	82	SLOCUM COLLECTION
38SU001	5	IAA COLLECTIONS
38WG043	3	IAA COLLECTIONS

238 sites/ 252 collections/ 4224 sherds

COMPLICATED STAMP, THIN LANDS
FINE SAND/GRIT

ATTRIBUTE NUMBER 75

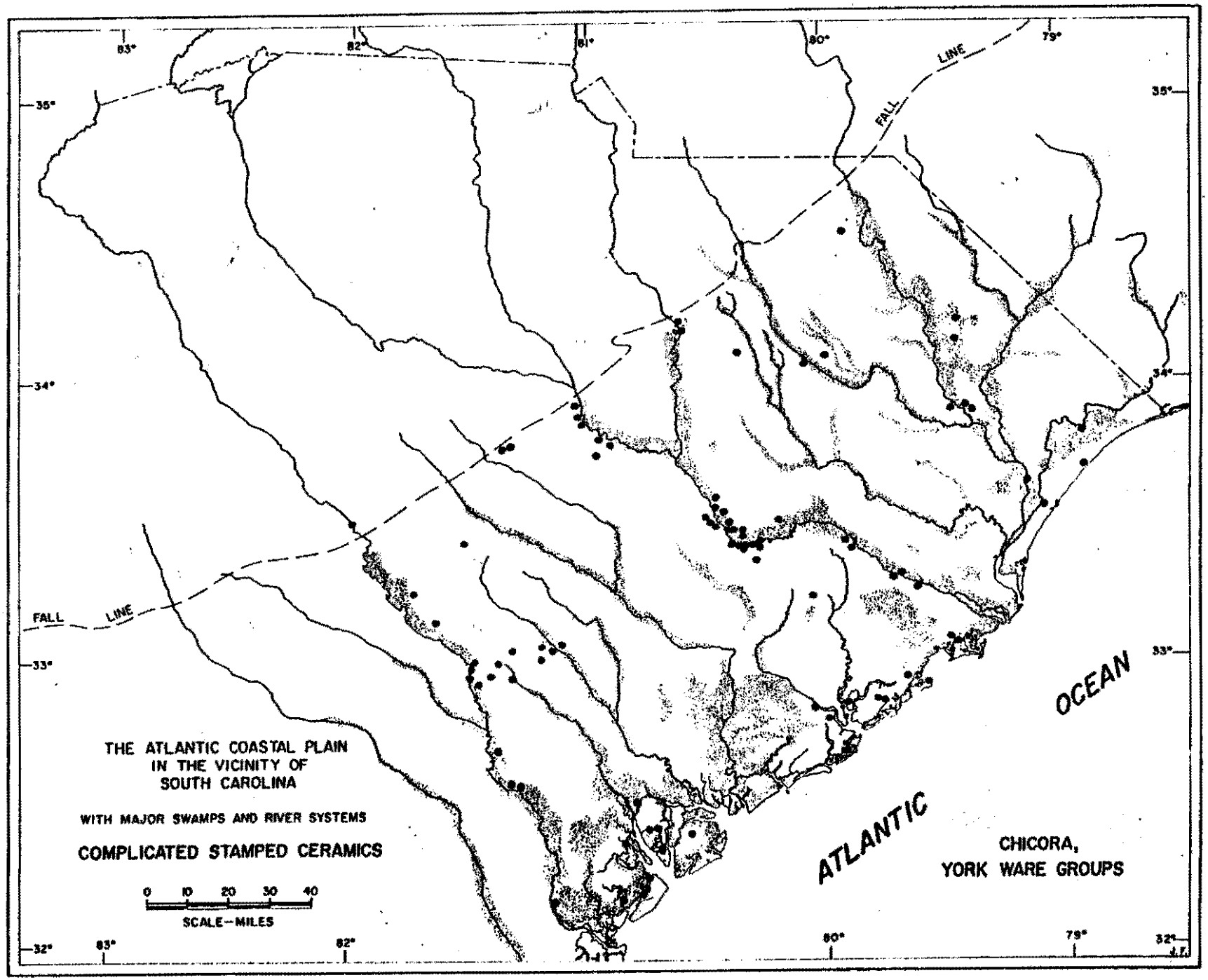
SITE NO	FREQ	LOCATION
38KE012	3	IAA COLLECTIONS
38LX068	1	IAA COLLECTIONS
38OR007	1	IAA COLLECTIONS

3 sites/ 3 collections/ 5 sherds

COMPLICATED STAMP, "MED" LANDS
FINE SAND/GRIT

ATTRIBUTE NUMBER 76

SITE NO	FREQ	LOCATION
38AK007	6	CHARLESTON MUSEUM
38AK014	11	CHARLESTON MUSEUM
38AK119	1	IAA COLLECTIONS
38AL011	3	IAA COLLECTIONS
38AL012	1	IAA COLLECTIONS
38AL024	1	IAA COLLECTIONS
38AL026	4	IAA COLLECTIONS
38AL047	2	IAA COLLECTIONS
38AL050	1	IAA COLLECTIONS
38AL056	3	IAA COLLECTIONS
38AL058	1	IAA COLLECTIONS
38AL078	3	SWAILS COLLECTION
38AL081	1	SWAILS COLLECTION
38BK043	5	CHARLESTON MUSEUM
38BK064	1	IAA COLLECTIONS
38BK113	3	IAA COLLECTIONS
38BR055	1	IAA COLLECTIONS
38BU023	11	IAA COLLECTIONS
38BU025	6	IAA COLLECTIONS
38BU027	26	CHARLESTON MUSEUM
38BU028	5	CHARLESTON MUSEUM
38BU040	4	CHARLESTON MUSEUM
38BU046	1	CHARLESTON MUSEUM
38BU062	4	IAA COLLECTIONS
38BU063	3	IAA COLLECTIONS
38CB001	1	CHARLESTON MUSEUM
38CH002	9	CHARLESTON MUSEUM
38CH003	3	CHARLESTON MUSEUM
38CH005	2	IAA COLLECTIONS
38CH008	48	CHARLESTON MUSEUM
38CH009	34	CHARLESTON MUSEUM
38CH021	8	CHARLESTON MUSEUM
38CH031	4	CHARLESTON MUSEUM
38CH032	1	CHARLESTON MUSEUM
38CH033	1	CHARLESTON MUSEUM
38CL010	2	IAA COLLECTIONS
38CL018	26	IAA COLLECTIONS
38CL021	4	IAA COLLECTIONS
38CR001	43	IAA COLLECTIONS
38CR002	1	IAA COLLECTIONS
38CR005	5	CHARLESTON MUSEUM
38CR006	1	CHARLESTON MUSEUM
38CR008	24	CHARLESTON MUSEUM
38CR019	2	IAA COLLECTIONS
38CR021	7	IAA COLLECTIONS
38CR024	10	IAA COLLECTIONS
38CT003	28	CHARLESTON MUSEUM
38FL005	1	CHARLESTON MUSEUM
38FL016	10	IAA COLLECTIONS
38GE007	5	CHARLESTON MUSEUM
38GE020	2	IAA COLLECTIONS
38HA001	2	IAA COLLECTIONS
38HA002	5	IAA COLLECTIONS
38HA003	1	IAA COLLECTIONS
38HR006	1	IAA COLLECTIONS
38HR012	2	CHARLESTON MUSEUM
38JA005	6	IAA COLLECTIONS
38KE012	16	IAA COLLECTIONS
38KE016	2	IAA COLLECTIONS
38LE001	7	CHARLESTON MUSEUM
38LE003	2	CHARLESTON MUSEUM
38LX002	8	CHARLESTON MUSEUM
38LX016	1	SWAILS COLLECTION
38LX068	15	IAA COLLECTIONS
38LX076	1	SWAILS COLLECTION
38LX085	1	SWAILS COLLECTION
38MA001	6	CHARLESTON MUSEUM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FALL LINE
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OCEAN
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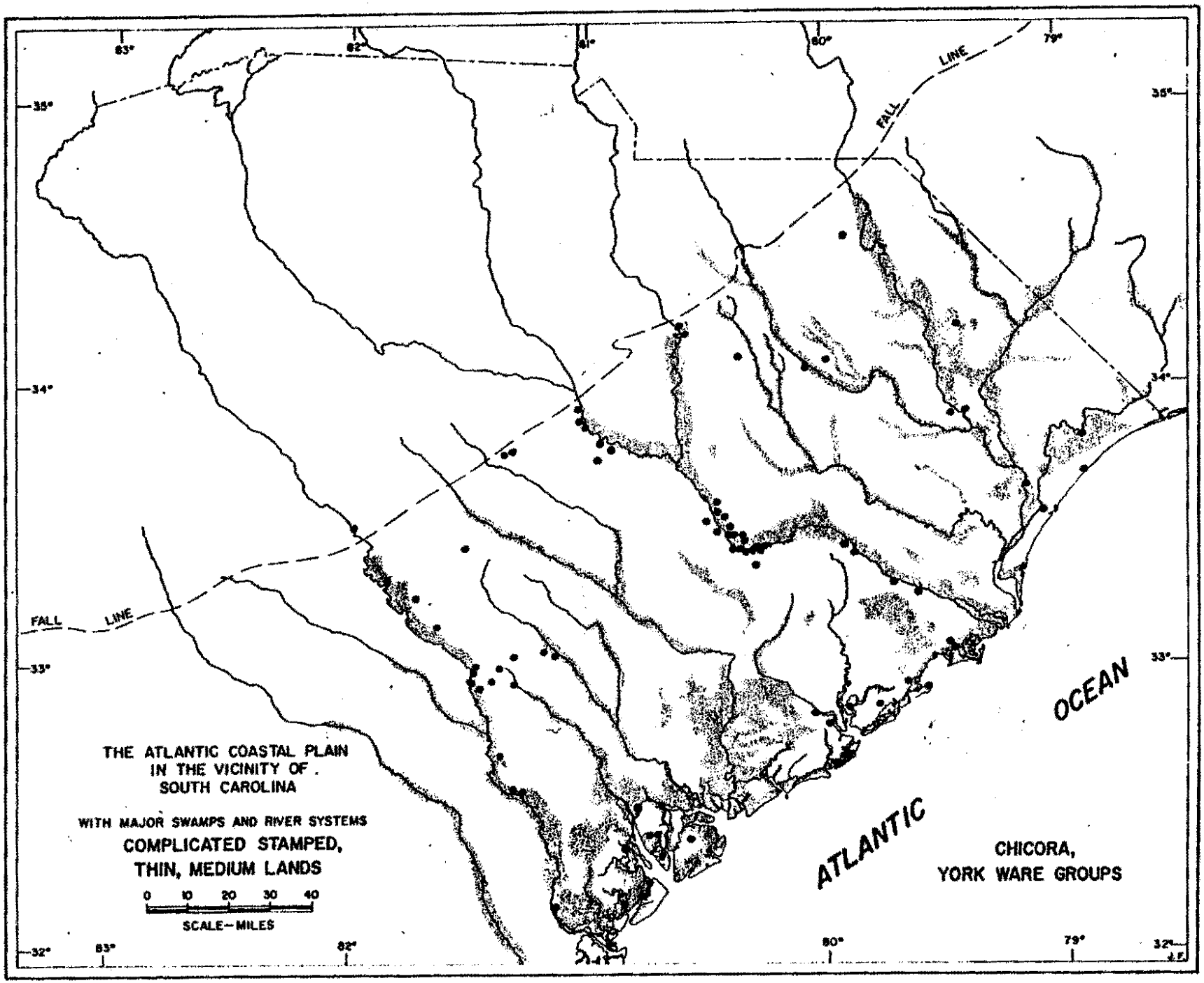
THE ATLANTIC COASTAL PLAIN
IN THE VICINITY OF
SOUTH CAROLINA
WITH MAJOR SWAMPS AND RIVER SYSTEMS
COMPLICATED STAMPED CERAMICS
CHICORA,
YORK WARE GROUPS
0 10 20 30 40
SCALE—MILES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THE ATLANTIC COASTAL PLAIN
IN THE VICINITY OF
SOUTH CAROLINA
WITH MAJOR SWAMPS AND RIVER SYSTEMS
COMPLICATED STAMPED,
THIN, MEDIUM LANDS
0 10 20 30 40
SCALE—MILES
CHICORA,
YORK WARE GROUPS
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DGA-183

ATTRIBUTE NUMBER 75

38MA044	2	IAA COLLECTIONS
38OR007	9	IAA COLLECTIONS
38OR009	1	IAA COLLECTIONS
38OR010	4	IAA COLLECTIONS
38OR020	14	IAA COLLECTIONS
38OR030	9	IAA COLLECTIONS
38OR035	1	IAA COLLECTIONS
38OR036	6	IAA COLLECTIONS
38OR037	1	IAA COLLECTIONS
38OR038	2	IAA COLLECTIONS
38OR040	23	IAA COLLECTIONS

78 sites/ 78 collections/ 540 sherds

COMPLICATED STAMP, WIDE LANDS
FINE SAND/GRIT

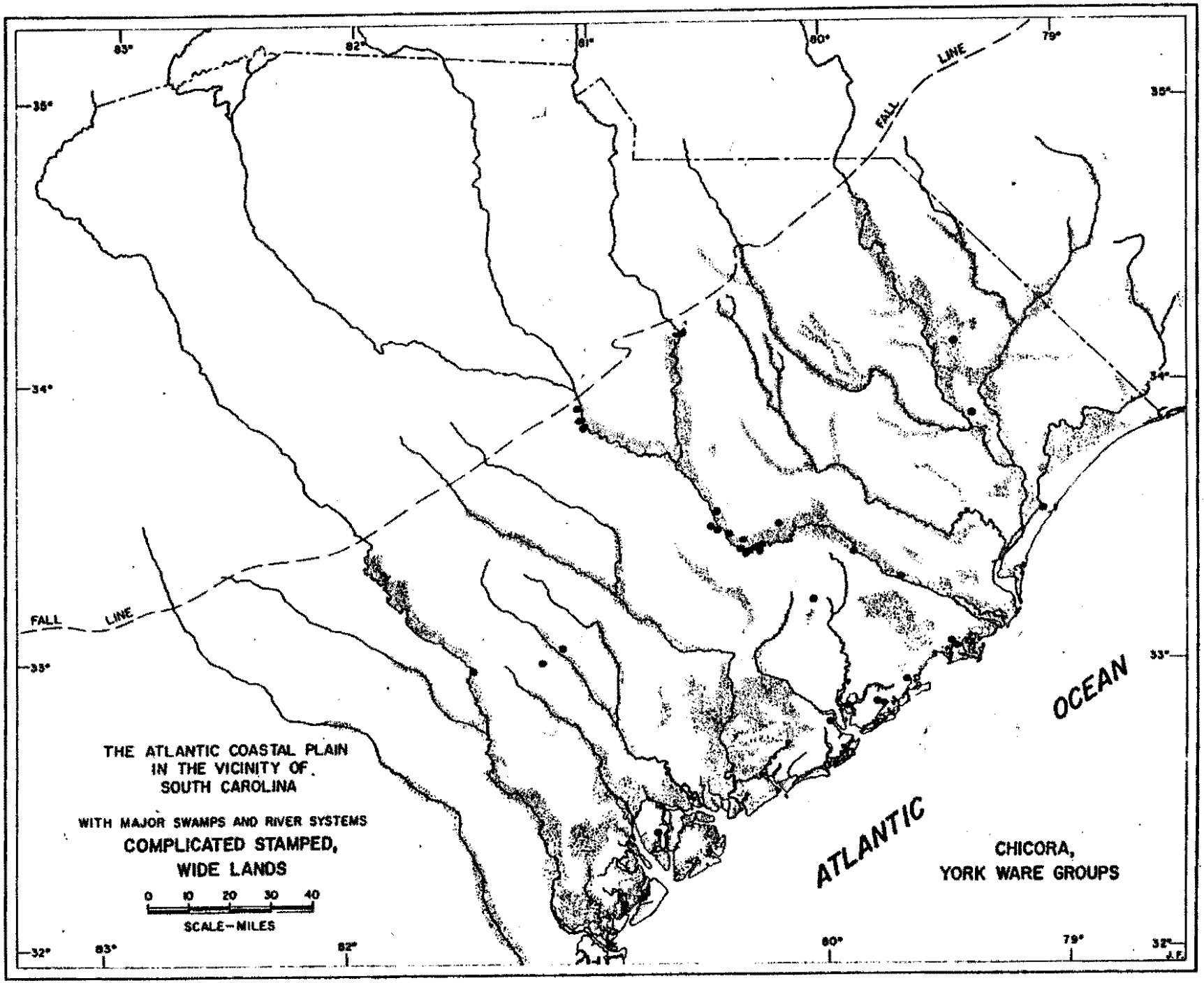
ATTRIBUTE NUMBER 77

SITE NO	FREQ	LOCATION
38AL076	1	SWAILS COLLECTION
38BK035	1	CHARLESTON MUSEUM
38BK043	2	CHARLESTON MUSEUM
38BK064	9	IAA COLLECTIONS
38BM039	1	SWAILS COLLECTION
38BU027	1	CHARLESTON MUSEUM
38BU028	1	CHARLESTON MUSEUM
38BU063	1	IAA COLLECTIONS
38CH002	3	CHARLESTON MUSEUM
38CH003	3	CHARLESTON MUSEUM
38CH005	4	IAA COLLECTIONS
38CH006	43	CHARLESTON MUSEUM
38CH009	38	CHARLESTON MUSEUM
38CH021	1	CHARLESTON MUSEUM
38CH023	2	CHARLESTON MUSEUM
38CL021	4	IAA COLLECTIONS
38CR001	10	IAA COLLECTIONS
38CR003	4	CHARLESTON MUSEUM
38CR006	16	CHARLESTON MUSEUM
38CR024	1	IAA COLLECTIONS
38GE007	5	CHARLESTON MUSEUM
38GE024	2	IAA COLLECTIONS
38KE012	10	IAA COLLECTIONS
38LX002	2	CHARLESTON MUSEUM
38LX068	4	IAA COLLECTIONS
38MA040	1	IAA COLLECTIONS
38MA045	1	IAA COLLECTIONS
38OR007	3	IAA COLLECTIONS
38OR009	1	IAA COLLECTIONS
38OR010	6	IAA COLLECTIONS
38OR018	1	IAA COLLECTIONS
38OR020	3	IAA COLLECTIONS
38OR036	8	IAA COLLECTIONS
38OR037	11	IAA COLLECTIONS
38OR040	5	IAA COLLECTIONS

NONDIAGNOSTIC
FINE SAND/GRIT

ATTRIBUTE NUMBER 78

SITE NO	FREQ	LOCATION
38AK007	17	IAA COLLECTIONS
38AK007	4	CHARLESTON MUSEUM
38AK014	6	CHARLESTON MUSEUM
38AK041	1	IAA COLLECTIONS
38AK044	1	SWAILS COLLECTION
38AK060	2	IAA COLLECTIONS
38AK088	8	IAA COLLECTIONS
38AK093	15	IAA COLLECTIONS
38AK105	5	IAA COLLECTIONS
38AK105	5	IAA COLLECTIONS
38AK119	6	IAA COLLECTIONS
38AK134	1	IAA COLLECTIONS
38AK139	1	IAA COLLECTIONS
38AK140	33	IAA COLLECTIONS
38AK141	11	IAA COLLECTIONS
38AK142	25	IAA COLLECTIONS
38AK143	25	IAA COLLECTIONS
38AK144	6	IAA COLLECTIONS
38AK147	2	IAA COLLECTIONS
38AK149	5	IAA COLLECTIONS
38AK153	2	IAA COLLECTIONS
38AK166	2	IAA COLLECTIONS
38ALA52	1	IAA COLLECTIONS
38AL001	24	IAA COLLECTIONS
38AL002	14	IAA COLLECTIONS
38AL007	4	SWAILS COLLECTION
38AL012	5	IAA COLLECTIONS
38AL024	7	IAA COLLECTIONS
38AL026	15	IAA COLLECTIONS
38AL043	24	IAA COLLECTIONS
38AL046	2	IAA COLLECTIONS
38AL047	62	IAA COLLECTIONS
38AL048	31	IAA COLLECTIONS
38AL050	3	IAA COLLECTIONS
38AL052	7	IAA COLLECTIONS
38AL056	54	IAA COLLECTIONS
38AL058	7	IAA COLLECTIONS
38AL075	4	SWAILS COLLECTION
38AL076	2	SWAILS COLLECTION
38AL077	3	SWAILS COLLECTION
38AL078	12	SWAILS COLLECTION
38AL079	4	SWAILS COLLECTION
38AL081	1	SWAILS COLLECTION
38AL083	2	SWAILS COLLECTION
38BK043	5	CHARLESTON MUSEUM
38BK076	8	IAA COLLECTIONS
38BK081	2	IAA COLLECTIONS
38BK084	43	IAA COLLECTIONS
38BK109	26	IAA COLLECTIONS
38BK113	31	IAA COLLECTIONS
38BK132	3	IAA COLLECTIONS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THE ATLANTIC COASTAL PLAIN
IN THE VICINITY OF
SOUTH CAROLINA
WITH MAJOR SWAMPS AND RIVER SYSTEMS
COMPLICATED STAMPED,
WIDE LANDS
0 10 20 30 40
SCALE—MILES
CHICORA,
YORK WARE GROUPS

ATTRIBUTE NUMBER 78

38BM004	22	LEE COLLECTION
38BM006	10	IAA COLLECTIONS
38BM006	68	LEE COLLECTION
38BM007	11	IAA COLLECTIONS
38BM013	8	IAA COLLECTIONS
38BM014	1	LEE COLLECTION
38BM015	4	LEE COLLECTION
38BM015	2	PARLER COLLECTION
38BM017	3	LEE COLLECTION
38BM022	1	PARLER COLLECTION
38BM023	2	PARLER COLLECTION
38BM024	17	LEE COLLECTION
38BM026	17	LEE COLLECTION
38BM026	2	PARLER COLLECTION
38BM028	1	PARLER COLLECTION
38BM031	2	LEE COLLECTION
38BM037	4	LEE COLLECTION
38BM038	9	LEE COLLECTION
38BR003	34	IAA COLLECTIONS
38BR006	2	IAA COLLECTIONS
38BR055	14	IAA COLLECTIONS
38BR058	1	IAA COLLECTIONS
38BU009	1	IAA COLLECTIONS
38BU010	1	IAA COLLECTIONS
38BU023	11	IAA COLLECTIONS
38BU025	38	IAA COLLECTIONS
38BU028	6	CHARLESTON MUSEUM
38BU037	2	CHARLESTON MUSEUM
38BU067	3	IAA COLLECTIONS
38CHA23	1	IAA COLLECTIONS
38CHA60	18	IAA COLLECTIONS
38CH002	1	CHARLESTON MUSEUM
38CH005	2	IAA COLLECTIONS
38CH007	47	IAA COLLECTIONS
38CH021	1	CHARLESTON MUSEUM
38CH024	9	IAA COLLECTIONS
38CH026	1	CHARLESTON MUSEUM
38CH032	2	CHARLESTON MUSEUM
38CH042	15	IAA COLLECTIONS
38CH042	1	CHARLESTON MUSEUM
38CH060	2	IAA COLLECTIONS
38CH061	2	IAA COLLECTIONS
38CL004	28	IAA COLLECTIONS
38CL009	2	IAA COLLECTIONS
38CL010	19	IAA COLLECTIONS
38CL018	3	IAA COLLECTIONS
38CL021	13	IAA COLLECTIONS
38CN006	6	IAA COLLECTIONS
38CR001	9	IAA COLLECTIONS
38CR002	16	IAA COLLECTIONS
38CR003	5	CHARLESTON MUSEUM
38CR005	4	CHARLESTON MUSEUM
38CR006	2	CHARLESTON MUSEUM
38CR008	20	CHARLESTON MUSEUM
38CR021	13	IAA COLLECTIONS
38CT003	7	CHARLESTON MUSEUM
38DA001	3	CHARLESTON MUSEUM
38DA001	7	CHARLESTON MUSEUM
38DA003	5	CHARLESTON MUSEUM

ATTRIBUTE NUMBER 78

38DA008	1	IAA COLLECTIONS
38FL001	39	CHARLESTON MUSEUM
38FL004	2	CHARLESTON MUSEUM
38FL007	1	CHARLESTON MUSEUM
38FL016	2	IAA COLLECTIONS
38FL019	2	IAA COLLECTIONS
38FL029	2	IAA COLLECTIONS
38FL030	12	IAA COLLECTIONS
38GE005	10	IAA COLLECTIONS
38GE012	2	CHARLESTON MUSEUM
38GE013	3	CHARLESTON MUSEUM
38GE017	11	IAA COLLECTIONS
38GE020	93	IAA COLLECTIONS
38GE024	92	IAA COLLECTIONS
38GE046	21	IAA COLLECTIONS
38HA001	4	SNAILS COLLECTION
38HA002	-124	IAA COLLECTIONS
38HA003	17	IAA COLLECTIONS
38HA009	5	SNAILS COLLECTION
38HA010	1	IAA COLLECTIONS
38HA011	33	IAA COLLECTIONS
38HA012	23	IAA COLLECTIONS
38HR005	14	IAA COLLECTIONS
38HR007	5	IAA COLLECTIONS
38HR008	15	IAA COLLECTIONS
38HR012	3	CHARLESTON MUSEUM
38HR022	21	IAA COLLECTIONS
38JA001	82	IAA COLLECTIONS
38JA010	1	IAA COLLECTIONS
38JA020	6	IAA COLLECTIONS
38JA023	29	IAA COLLECTIONS
38JA026	15	IAA COLLECTIONS
38JA027	9	IAA COLLECTIONS
38JA029	2	IAA COLLECTIONS
38JA032	13	IAA COLLECTIONS
38JA033	5	IAA COLLECTIONS
38JA036	4	IAA COLLECTIONS
38KE012	82	IAA COLLECTIONS
38LE001	33	CHARLESTON MUSEUM
38LE002	3	CHARLESTON MUSEUM
38LE011	23	IAA COLLECTIONS
38LX002	5	CHARLESTON MUSEUM
38LX017	50	IAA COLLECTIONS
38LX018	12	IAA COLLECTIONS
38LX021	4	IAA COLLECTIONS
38LX036	3	IAA COLLECTIONS
38LX068	112	IAA COLLECTIONS
38MA001	51	CHARLESTON MUSEUM
38MA002	3	CHARLESTON MUSEUM
38MA029	3	IAA COLLECTIONS
38MA032	2	IAA COLLECTIONS
38MA034	22	IAA COLLECTIONS
38MA036	17	IAA COLLECTIONS
38MA037	11	IAA COLLECTIONS
38MA038	1	IAA COLLECTIONS
38MA040	6	IAA COLLECTIONS
38MA042	3	IAA COLLECTIONS
38MA043	1	IAA COLLECTIONS

ATTRIBUTE NUMBER 78

38MA044	5	IAA COLLECTIONS
38MA045	4	IAA COLLECTIONS
38ML004	3	IAA COLLECTIONS
38OR007	2	IAA COLLECTIONS
38OR009	10	IAA COLLECTIONS
38OR010	5	IAA COLLECTIONS
38OR011	1	LEE COLLECTION
38OR018	4	IAA COLLECTIONS
38OR019	6	IAA COLLECTIONS
38OR020	5	IAA COLLECTIONS
38OR023	27	IAA COLLECTIONS
38OR025	2	IAA COLLECTIONS
38OR028	30	IAA COLLECTIONS
38OR030	371	IAA COLLECTIONS
38OR033	10	IAA COLLECTIONS
38OR035	3	IAA COLLECTIONS
38OR036	1	IAA COLLECTIONS
38OR037	3	IAA COLLECTIONS
38OR040	3	IAA COLLECTIONS
38OR043	1	SNAILS COLLECTION
38OR050	1	LEE COLLECTION
38OR051	21	LEE COLLECTION
38OR060	7	LEE COLLECTION
38OR063	2	LEE COLLECTION
38OR066	2	LEE COLLECTION
38OR072	5	LEE COLLECTION
38OR073	2	LEE COLLECTION
38RD001	4	IAA COLLECTIONS
38RD080	119	SLOCUM COLLECTION
38SU001	7	IAA COLLECTIONS
38SU002	1	IAA COLLECTIONS
38WG043	24	IAA COLLECTIONS

190 sites/ 200 collections/ 3021 sherds

RANDOM PUNCTATIONS
SHERD/CLAY TEMPER

ATTRIBUTE NUMBER 81

SITE NO	FREQ	LOCATION
38BU039	2	CHARLESTON MUSEUM

1 site/ 1 collection/ 2 sherds

FINE INCISED
SHERD/CLAY TEMPER

ATTRIBUTE NUMBER 85

SITE NO	FREQ	LOCATION
38BU040	1	CHARLESTON MUSEUM
38MA012	1	IAA COLLECTIONS

2 sites/ 2 collections/ 2 sherds

PARALLEL THIN SIMPLE STAMP
SHERD/CLAY TEMPER

ATTRIBUTE NUMBER 87

SITE NO	FREQ	LOCATION
38BK043	1	CHARLESTON MUSEUM

1 site/ 1 collection/ 1 sherd

PARALLEL WIDE SIMPLE STAMP
SHERD/CLAY TEMPER

ATTRIBUTE NUMBER 88

SITE NO	FREQ	LOCATION
38BK043	1	CHARLESTON MUSEUM
38BU042	1	CHARLESTON MUSEUM
38BU043	1	CHARLESTON MUSEUM
38CH047	2	CHARLESTON MUSEUM
38OR030	1	IAA COLLECTIONS

5 sites/ 5 collections/ 6 sherds

CROSS THIN SIMPLE STAMP
SHERD/CLAY TEMPER

ATTRIBUTE NUMBER 89

SITE NO	FREQ	LOCATION
38BK109	1	IAA COLLECTIONS
38CH021	2	CHARLESTON MUSEUM
38CH027	1	CHARLESTON MUSEUM
38GE046	2	IAA COLLECTIONS

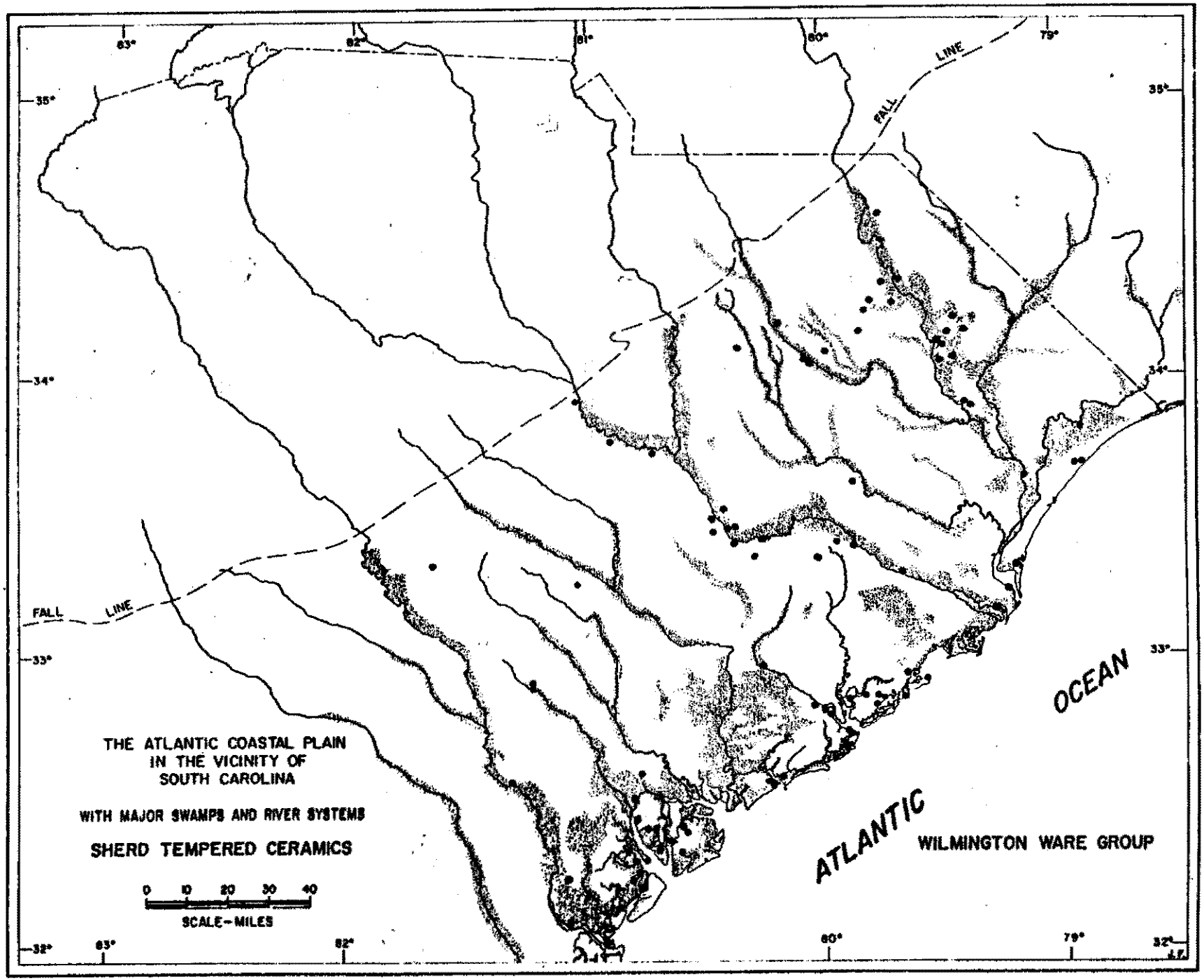
4 sites/ 4 collections/ 6 sherds

CROSS WIDE SIMPLE STAMP
SHERD/CLAY TEMPER

ATTRIBUTE NUMBER 90

SITE NO	FREQ	LOCATION
38BU041	1	CHARLESTON MUSEUM
38CH021	3	CHARLESTON MUSEUM

2 sites/ 2 collections/ 4 sherds


FALL LINE
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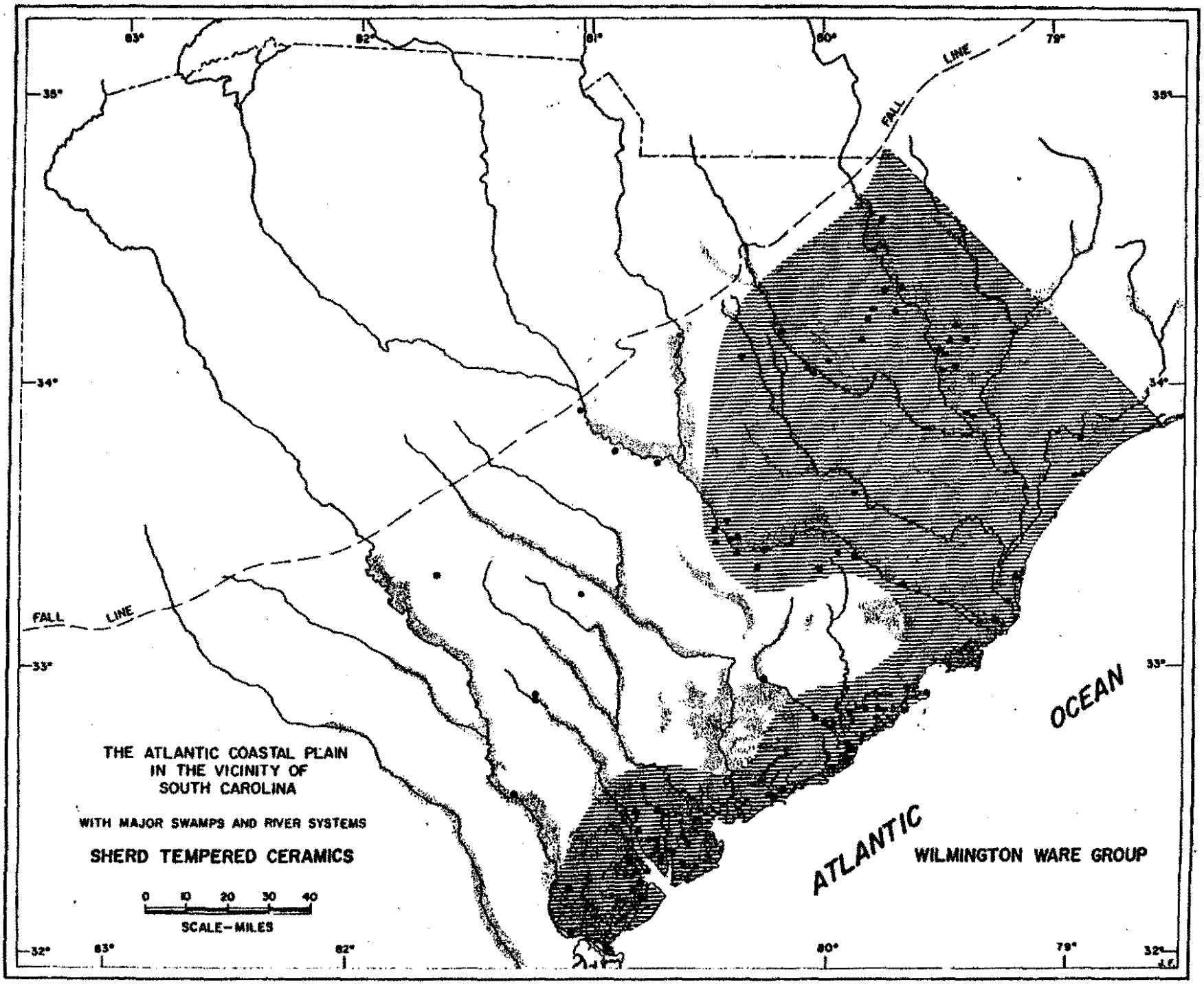
ATLANTIC OCEAN
THE ATLANTIC COASTAL PLAIN
IN THE VICINITY OF
SOUTH CAROLINA
WITH MAJOR SWAMPS AND RIVER SYSTEMS
SHERD TEMPERED CERAMICS
WILMINGTON WARE GROUP
0 10 20 30 40
SCALE-MILES

DGA-188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WILMINGTON WARE GROUP
THE ATLANTIC COASTAL PLAIN
IN THE VICINITY OF
SOUTH CAROLINA
WITH MAJOR SWAMPS AND RIVER SYSTEMS
SHERD TEMPERED CERAMICS
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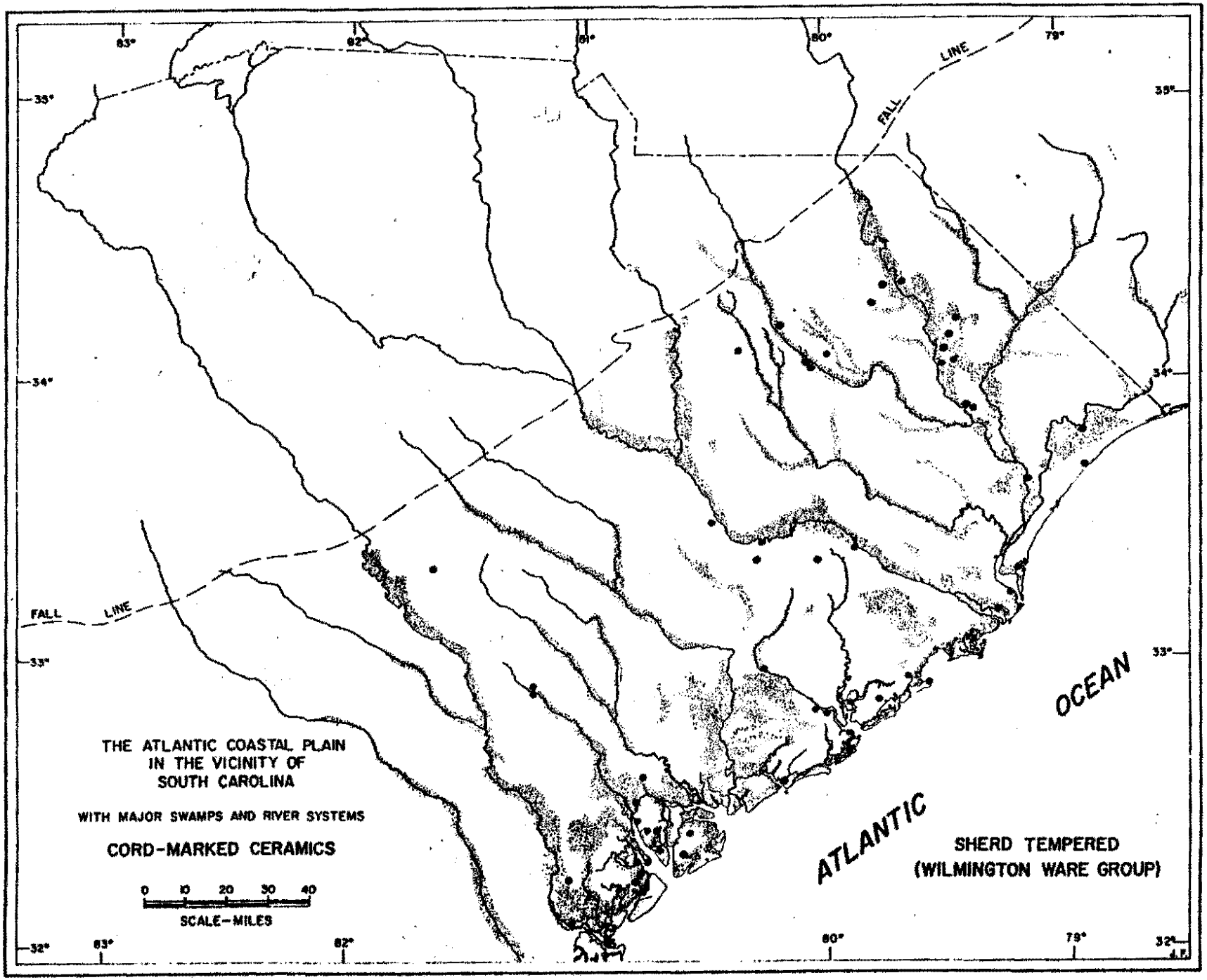
DGA-189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FALL LINE
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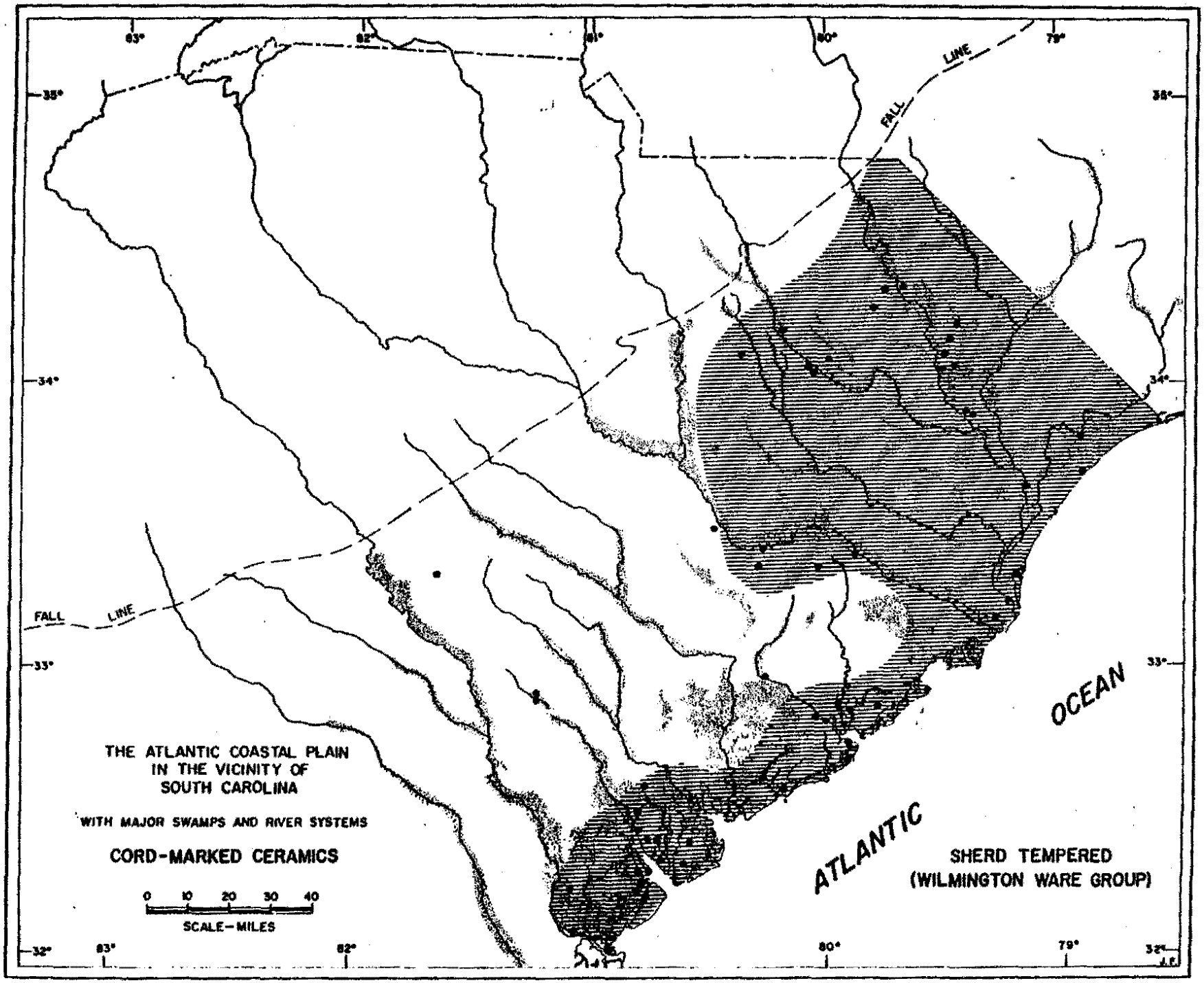
THE ATLANTIC COASTAL PLAIN
IN THE VICINITY OF
SOUTH CAROLINA
WITH MAJOR SWAMPS AND RIVER SYSTEMS
CORD-MARKED CERAMICS
0 10 20 30 40
SCALE-MILES
ATLANTIC
OCEAN
SHERD TEMPERED
(WILMINGTON WARE GROUP)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THE ATLANTIC COASTAL PLAIN
IN THE VICINITY OF
SOUTH CAROLINA
WITH MAJOR SWAMPS AND RIVER SYSTEMS
CORD-MARKED CERAMICS
SHERD TEMPERED
(WILMINGTON WARE GROUP)
0 10 20 30 40
SCALE—MILES

DGA-191

PARALLEL THIN CORD MARKED SHERD/CLAY TEMPER

ATTRIBUTE NUMBER 91

SITE NO	FREQ	LOCATION
38BK132	6	IAA COLLECTIONS
38BU010	3	IAA COLLECTIONS
38BU025	2	IAA COLLECTIONS
38BU026	1	CHARLESTON MUSEUM
38BU037	3	CHARLESTON MUSEUM
38BU039	1	CHARLESTON MUSEUM
38BU041	6	CHARLESTON MUSEUM
38BU043	2	CHARLESTON MUSEUM
38BU063	1	IAA COLLECTIONS
38BU067	1	IAA COLLECTIONS
38CH008	2	CHARLESTON MUSEUM
38CH009	1	CHARLESTON MUSEUM
38CH014	1	CHARLESTON MUSEUM
38CH031	2	CHARLESTON MUSEUM
38DA003	2	CHARLESTON MUSEUM
38FL005	1	CHARLESTON MUSEUM
38GE005	1	IAA COLLECTIONS
38GE046	1	IAA COLLECTIONS
38HR006	10	IAA COLLECTIONS
38HR012	3	CHARLESTON MUSEUM
38JA027	1	IAA COLLECTIONS
38LE001	1	CHARLESTON MUSEUM
38LE002	1	CHARLESTON MUSEUM
38MA001	4	CHARLESTON MUSEUM
38MA029	1	IAA COLLECTIONS
38MA032	1	IAA COLLECTIONS
38MA045	2	IAA COLLECTIONS
38ML002	1	CHARLESTON MUSEUM
38OR030	6	IAA COLLECTIONS

29 sites/ 29 collections/ 68 sherds

PARALLEL THICK CORD MARKED SHERD/CLAY TEMPER

ATTRIBUTE NUMBER 92

SITE NO	FREQ	LOCATION
38AK077	1	IAA COLLECTIONS
38BK043	3	CHARLESTON MUSEUM
38BK064	1	IAA COLLECTIONS
38BK132	29	IAA COLLECTIONS
38BU025	1	IAA COLLECTIONS
38BU026	3	CHARLESTON MUSEUM
38BU037	5	CHARLESTON MUSEUM
38BU039	1	CHARLESTON MUSEUM
38BU040	1	CHARLESTON MUSEUM

ATTRIBUTE NUMBER 92 (continued)

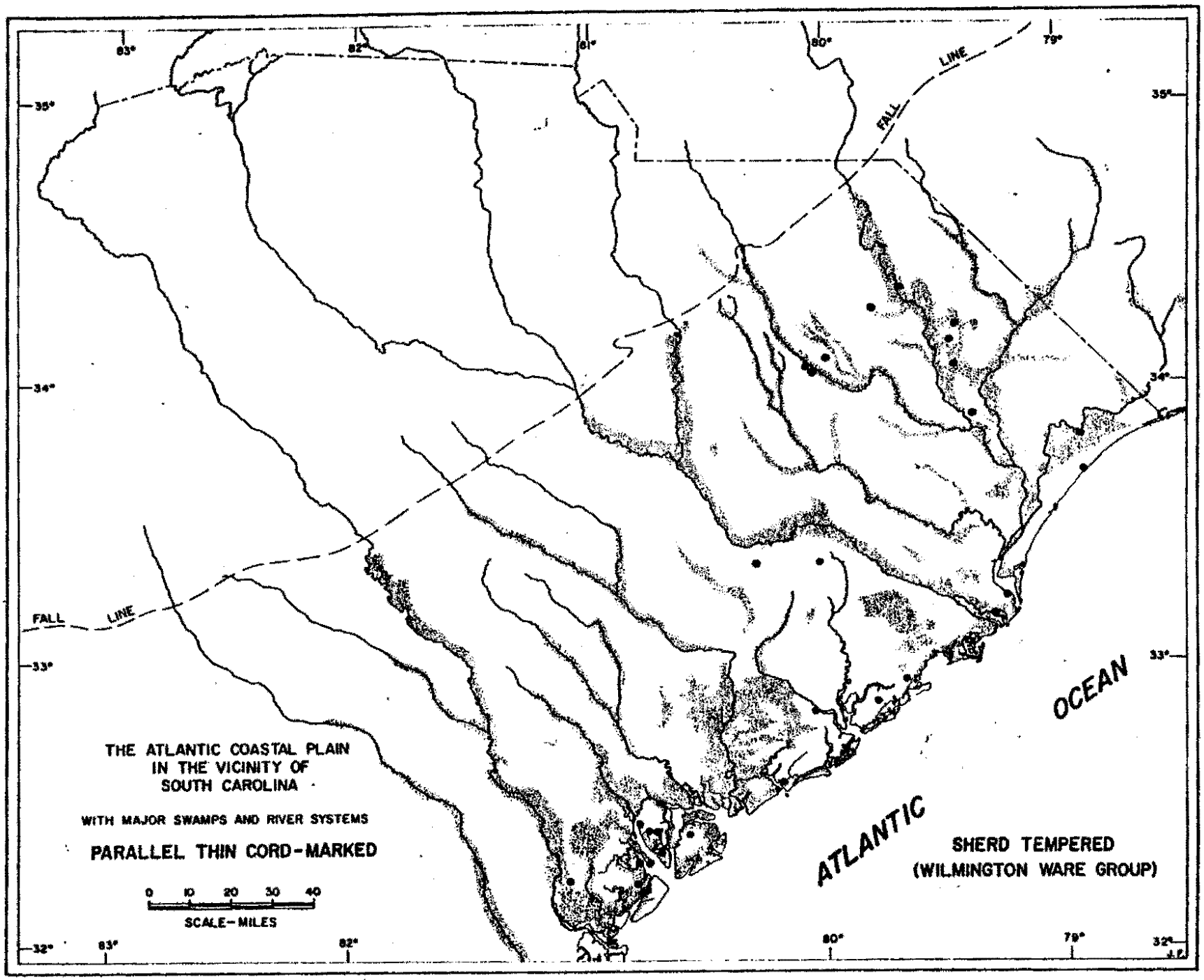
38BU041	7	CHARLESTON MUSEUM
38BU043	1	CHARLESTON MUSEUM
38BU068	1	IAA COLLECTIONS
38CH031	9	CHARLESTON MUSEUM
38CH032	3	CHARLESTON MUSEUM
38CH047	1	CHARLESTON MUSEUM
38DA003	1	CHARLESTON MUSEUM
38DA008	2	IAA COLLECTIONS
38DR006	1	CUTHBERT COLLECTION
38GE017	1	IAA COLLECTIONS
38GE020	2	IAA COLLECTIONS
38GE046	4	IAA COLLECTIONS
38HA010	1	IAA COLLECTIONS
38HA012	2	IAA COLLECTIONS
38HR006	3	IAA COLLECTIONS
38JA023	1	IAA COLLECTIONS
38LE003	1	CHARLESTON MUSEUM
38LE011	1	IAA COLLECTIONS
38MA001	4	CHARLESTON MUSEUM
38MA032	2	IAA COLLECTIONS
38MA034	1	IAA COLLECTIONS
38MA044	1	IAA COLLECTIONS
38MA045	6	IAA COLLECTIONS
38OR018	1	IAA COLLECTIONS
38OR030	2	IAA COLLECTIONS
38OR040	2	IAA COLLECTIONS

35 sites/ 35 collections/ 106 sherds

CROSS THIN CORD MARKED SHERD/CLAY TEMPER

ATTRIBUTE NUMBER 93

SITE NO	FREQ	LOCATION
38BU023	2	IAA COLLECTIONS
38BU025	1	IAA COLLECTIONS
38BU028	14	CHARLESTON MUSEUM
38BU037	3	CHARLESTON MUSEUM
38BU039	5	CHARLESTON MUSEUM
38BU041	14	CHARLESTON MUSEUM
38BU042	2	CHARLESTON MUSEUM
38BU043	3	CHARLESTON MUSEUM
38BU067	1	IAA COLLECTIONS
38BU068	1	IAA COLLECTIONS
38CH008	1	CHARLESTON MUSEUM
38CH016	1	CHARLESTON MUSEUM
38CH031	7	CHARLESTON MUSEUM
38CH032	5	CHARLESTON MUSEUM
38CH047	1	CHARLESTON MUSEUM
38HA010	1	IAA COLLECTIONS
38HR007	1	IAA COLLECTIONS
38HR012	11	CHARLESTON MUSEUM
38LE001	3	CHARLESTON MUSEUM
38LE003	1	CHARLESTON MUSEUM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IN THE VICINITY OF
SOUTH CAROLINA
WITH MAJOR SWAMPS AND RIVER SYSTEMS
PARALLEL THIN CORD-MARKED
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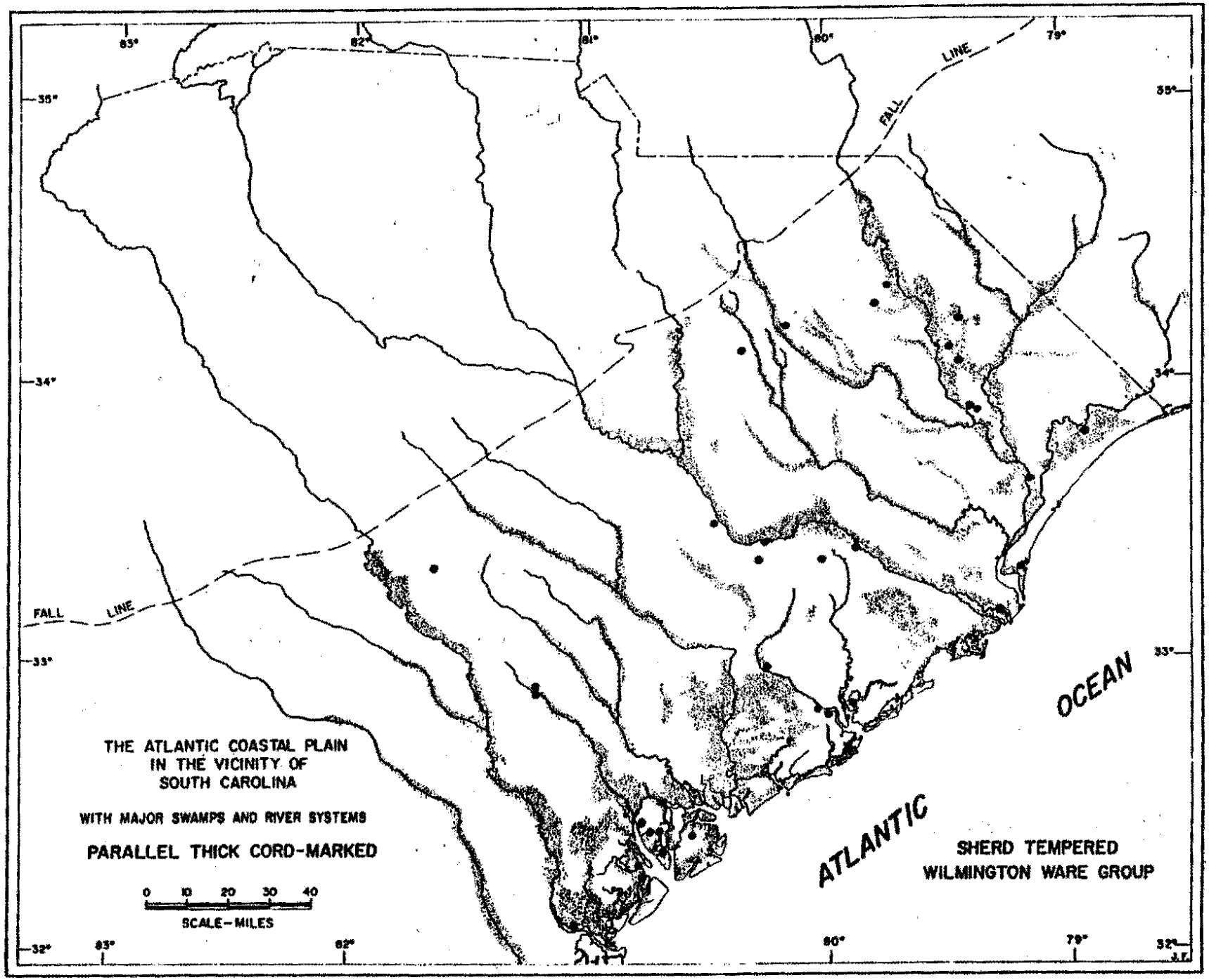
SCALE-MILES
ATLANTIC
OCEAN
SHERD TEMPERED
(WILMINGTON WARE GROUP)

DGA-193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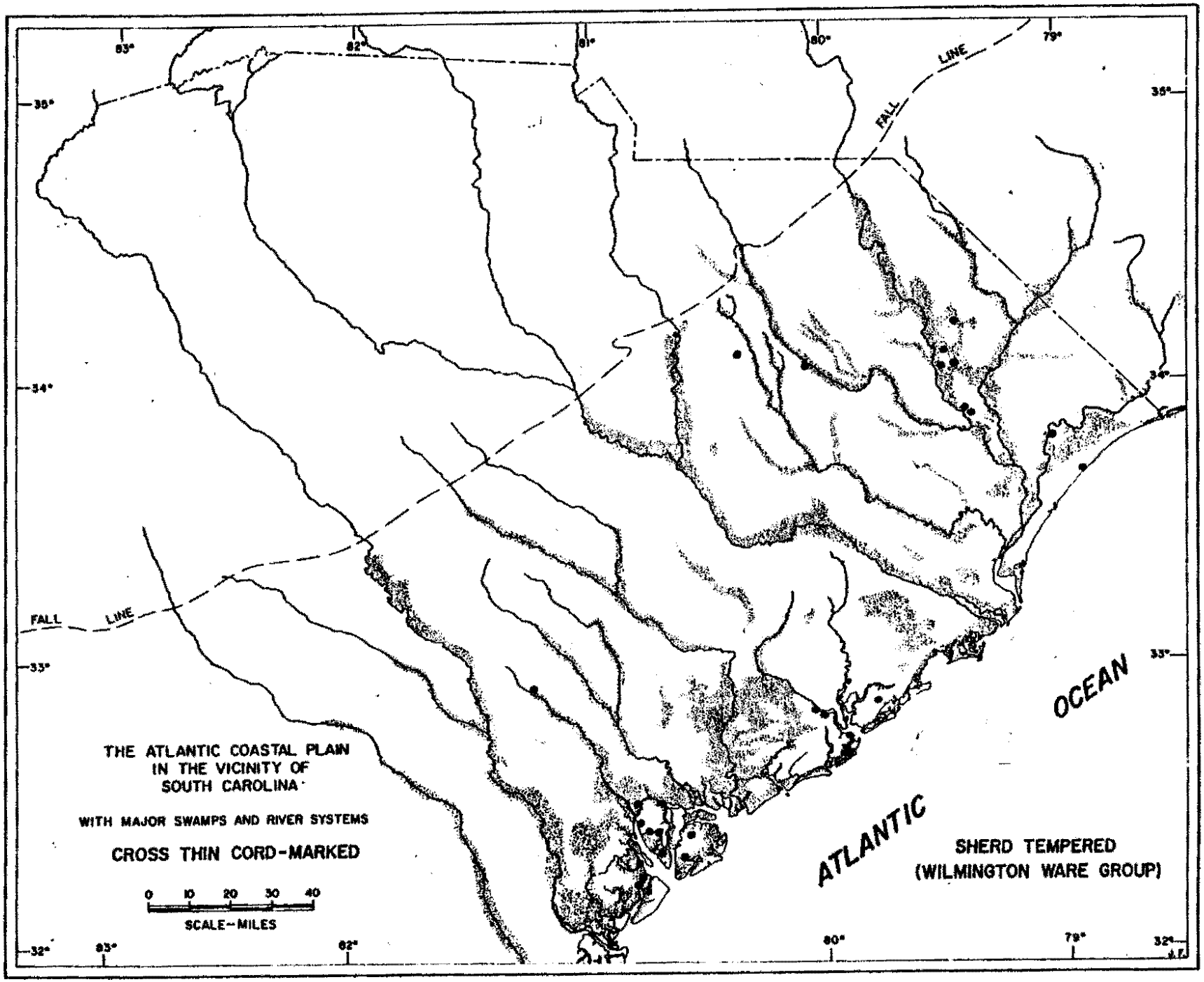
SOUTH CAROLINA
WITH MAJOR SWAMPS AND RIVER SYSTEMS
PARALLEL THICK CORD-MARKED
SHERD TEMPERED
WILMINGTON WARE GROUP
0 10 20 30 40
SCALE-MILES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THE ATLANTIC COASTAL PLAIN
IN THE VICINITY OF
SOUTH CAROLINA
WITH MAJOR SWAMPS AND RIVER SYSTEMS
CROSS THIN CORD-MARKED
SHERD TEMPERED
(WILMINGTON WARE GROUP)
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DGA-195

ATTRIBUTE NUMBER 93

38MA001	7	CHARLESTON MUSEUM
38MA032	2	IAA COLLECTIONS
38MA034	4	IAA COLLECTIONS
38MA036	3	IAA COLLECTIONS
38MA044	2	IAA COLLECTIONS
38MA045	4	IAA COLLECTIONS

26 sites/ 26 collections/ 100 sherds

CROSS THICK CORD MARKED
SHERD/CLAY TEMPER

ATTRIBUTE NUMBER 94

SITE NO	FREQ.	LOCATION
38BK043	2	CHARLESTON MUSEUM
38BU010	1	IAA COLLECTIONS
38BU026	12	CHARLESTON MUSEUM
38BU037	4	CHARLESTON MUSEUM
38BU039	1	CHARLESTON MUSEUM
38BU041	7	CHARLESTON MUSEUM
38BU042	1	CHARLESTON MUSEUM
38BU043	1	CHARLESTON MUSEUM
38BU045	1	CHARLESTON MUSEUM
38BU068	2	IAA COLLECTIONS
38CH016	1	CHARLESTON MUSEUM
38CH031	3	CHARLESTON MUSEUM
38CH032	3	CHARLESTON MUSEUM
38CH033	1	CHARLESTON MUSEUM
38GE020	1	IAA COLLECTIONS
38HA012	1	IAA COLLECTIONS
38HR008	1	IAA COLLECTIONS
38HR012	3	CHARLESTON MUSEUM
38JA023	1	IAA COLLECTIONS
38MA001	5	CHARLESTON MUSEUM
38MA044	1	IAA COLLECTIONS

21 sites/ 21 collections/ 53 sherds

LINEAR CHECKSTAMPED
SHERD/CLAY TEMPER

ATTRIBUTE NUMBER 95

SITE NO	FREQ	LOCATION
38CH030	3	CHARLESTON MUSEUM

1 site/ 1 collection/ 3 sherds

CHECK STAMPED
SHERD/CLAY TEMPER

ATTRIBUTE NUMBER 96

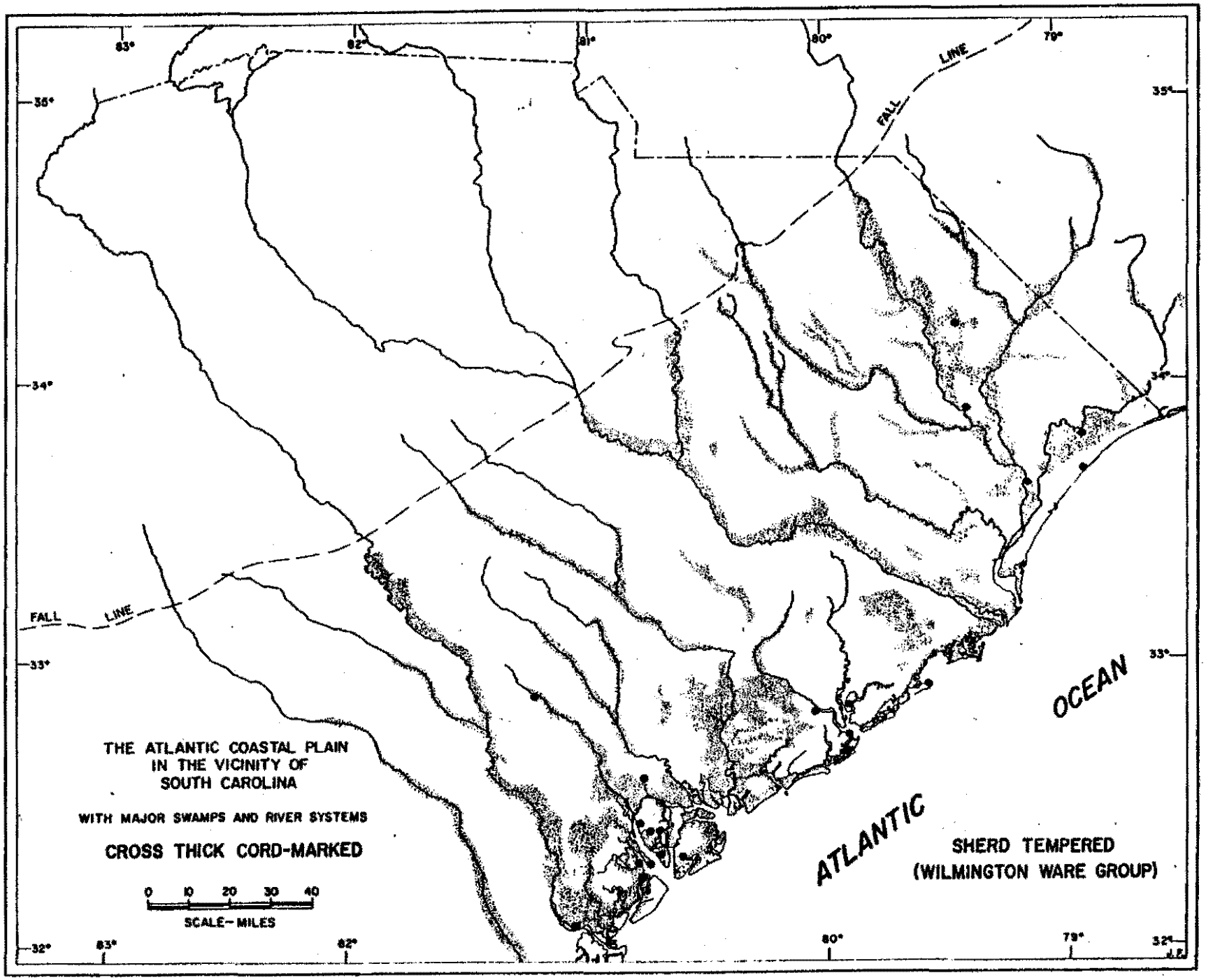
SITE NO	FREQ	LOCATION
38BK043	3	CHARLESTON MUSEUM
38BU031	5	CHARLESTON MUSEUM
38BU040	4	CHARLESTON MUSEUM
38BU041	3	CHARLESTON MUSEUM
38CH009	1	CHARLESTON MUSEUM
38CH021	2	CHARLESTON MUSEUM
38CH031	3	CHARLESTON MUSEUM
38CH032	2	CHARLESTON MUSEUM
38CH047	1	CHARLESTON MUSEUM
38GE017	1	IAA COLLECTIONS
38GE024	1	IAA COLLECTIONS
38GE046	7	IAA COLLECTIONS
38MA002	1	CHARLESTON MUSEUM
38MA034	1	IAA COLLECTIONS
38MA044	1	IAA COLLECTIONS
38OR030	10	IAA COLLECTIONS

16 sites/ 16 collections/ 46 sherds

FABRIC, LOOSE WEAVE
SHERD/CLAY TEMPER

ATTRIBUTE NUMBER 97

SITE NO	FREQ	LOCATION
38BK109	1	IAA COLLECTIONS
38BK132	16	IAA COLLECTIONS
38BU025	1	IAA COLLECTIONS
38BU026	2	CHARLESTON MUSEUM
38BU037	2	CHARLESTON MUSEUM
38BU041	6	CHARLESTON MUSEUM
38BU043	1	CHARLESTON MUSEUM
38BU045	1	CHARLESTON MUSEUM
38CH008	6	CHARLESTON MUSEUM
38CH016	3	CHARLESTON MUSEUM
38CH031	7	CHARLESTON MUSEUM
38CH032	1	CHARLESTON MUSEUM
38CH033	1	CHARLESTON MUSEUM
38CH034	3	CHARLESTON MUSEUM
38CR006	1	CHARLESTON MUSEUM
38DA002	1	CHARLESTON MUSEUM
38DA003	2	CHARLESTON MUSEUM
38FL001	1	CHARLESTON MUSEUM
38GE005	2	IAA COLLECTIONS
38GE017	2	IAA COLLECTIONS
38GE046	4	IAA COLLECTIONS
38HA012	3	IAA COLLECTIONS
38HR008	22	IAA COLLECTIONS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THE ATLANTIC COASTAL PLAIN
IN THE VICINITY OF
SOUTH CAROLINA
WITH MAJOR SWAMPS AND RIVER SYSTEMS
CROSS THICK CORD-MARKED
SHERD TEMPERED
(WILMINGTON WARE GROUP)
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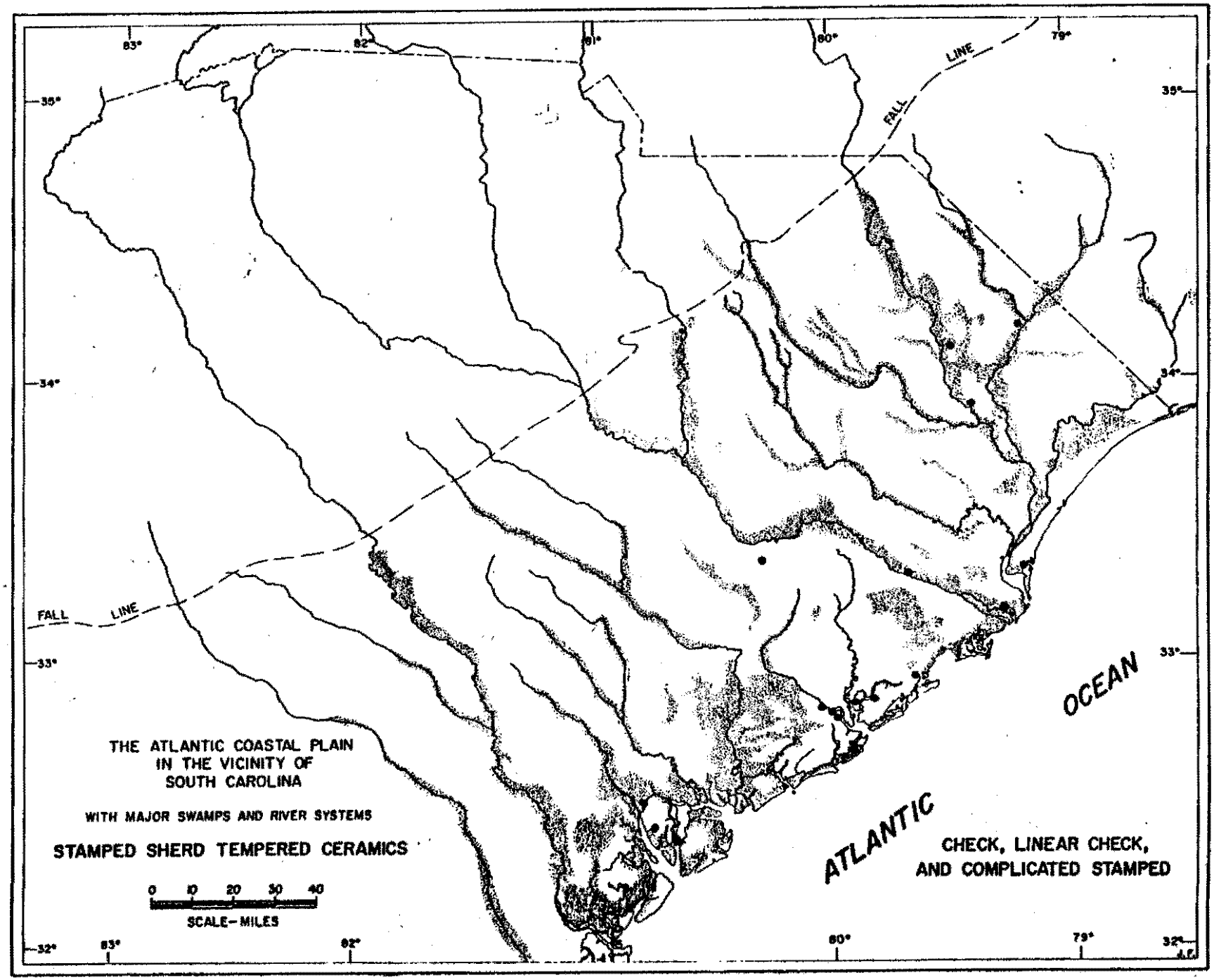
SCALE- MILES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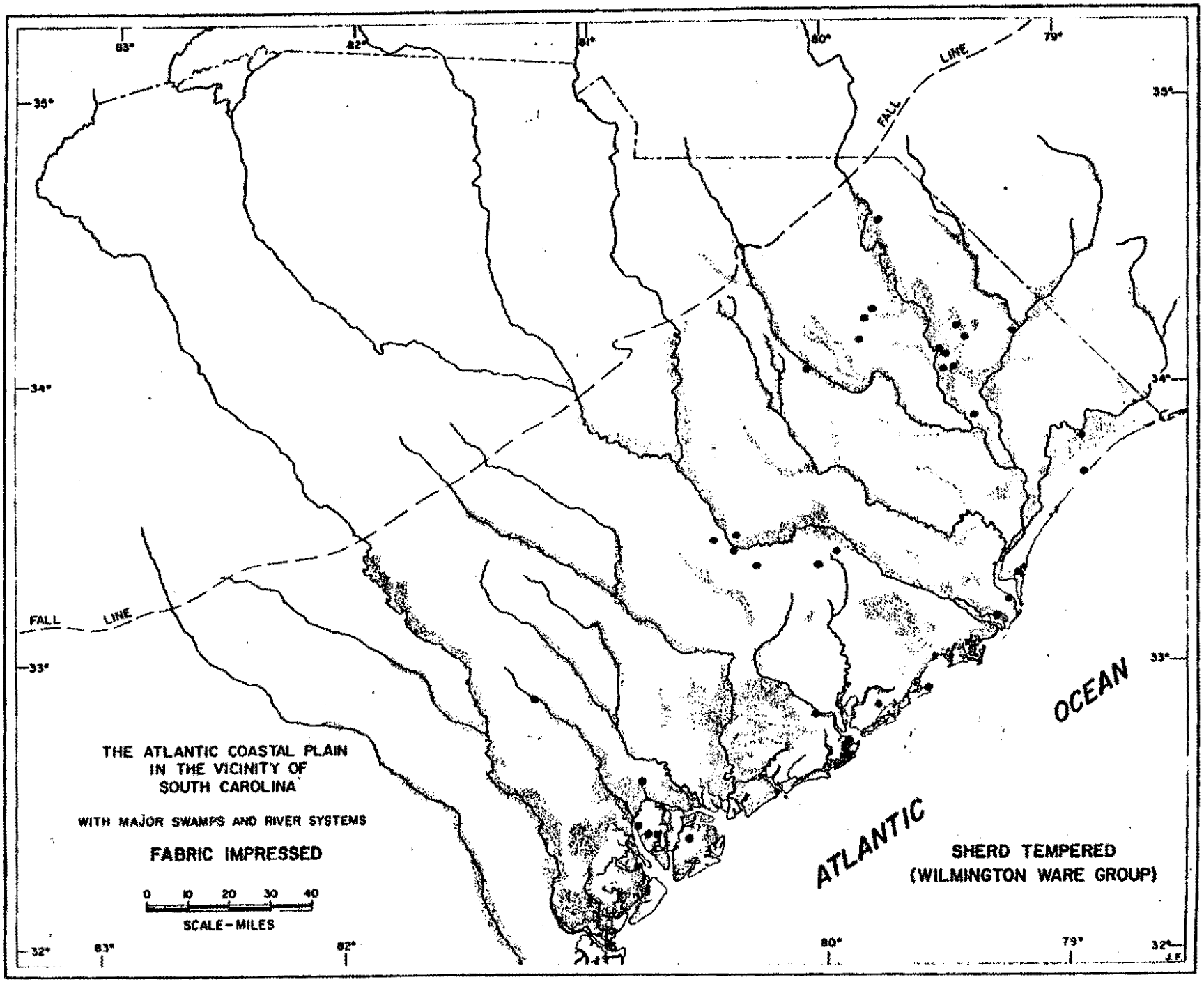
THE ATLANTIC COASTAL PLAIN
IN THE VICINITY OF
SOUTH CAROLINA
WITH MAJOR SWAMPS AND RIVER SYSTEMS
STAMPED SHERD TEMPERED CERAMICS
CHECK, LINEAR CHECK,
AND COMPLICATED STAMPED
0 10 20 30 40
SCALE-MILES

DGA-198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IN THE VICINITY OF
SOUTH CAROLINA
WITH MAJOR SWAMPS AND RIVER SYSTEMS
FABRIC IMPRESSED
0 10 20 30 40
SCALE - MILES
ATLANTIC OCEAN
SHERD TEMPERED
(WILMINGTON WARE GROUP)

DGA-199

ATTRIBUTE NUMBER 97

38HR012	7	CHARLESTON MUSEUM
38LE001	1	CHARLESTON MUSEUM
38MA001	30	CHARLESTON MUSEUM
38MA002	3	CHARLESTON MUSEUM
38MA032	2	IAA COLLECTIONS
38MA034	4	IAA COLLECTIONS
38MA036	3	IAA COLLECTIONS
38MA037	1	IAA COLLECTIONS
38MA042	2	IAA COLLECTIONS
38MA045	1	IAA COLLECTIONS
38ML001	1	CHARLESTON MUSEUM
38OR025	1	IAA COLLECTIONS
38OR030	35	IAA COLLECTIONS
38OR038	1	IAA COLLECTIONS

37 sites/ 37 collections/ 181 sherds

FABRIC, RIGID WARP
SHERD/CLAY TEMPER

ATTRIBUTE NUMBER 98

SITE NO	FREQ	LOCATION
38BK061	3	IAA COLLECTIONS
38BK109	2	IAA COLLECTIONS
38BK132	33	IAA COLLECTIONS
38BU026	2	CHARLESTON MUSEUM
38BU043	1	CHARLESTON MUSEUM
38CH008	2	CHARLESTON MUSEUM
38CH014	1	CHARLESTON MUSEUM
38CH021	1	CHARLESTON MUSEUM
38CH031	3	CHARLESTON MUSEUM
38CH033	2	CHARLESTON MUSEUM
38CR006	1	CHARLESTON MUSEUM
38DA002	1	CHARLESTON MUSEUM
38GE017	1	IAA COLLECTIONS
38GE046	4	IAA COLLECTIONS
38HA012	4	IAA COLLECTIONS
38HR007	1	IAA COLLECTIONS
38HR008	13	IAA COLLECTIONS
38HR012	14	CHARLESTON MUSEUM
38LE002	1	CHARLESTON MUSEUM
38LE011	2	IAA COLLECTIONS
38MA001	18	CHARLESTON MUSEUM
38MA002	4	CHARLESTON MUSEUM
38MA029	2	IAA COLLECTIONS
38MA032	3	IAA COLLECTIONS
38MA036	1	IAA COLLECTIONS
38MA042	1	IAA COLLECTIONS
38MA044	2	IAA COLLECTIONS
38ML004	1	IAA COLLECTIONS
38OR030	41	IAA COLLECTIONS

29 sites/ 29 collections/ 165 sherds

PLAIN
SHERD/CLAY TEMPER

ATTRIBUTE NUMBER 100

SITE NO	FREQ	LOCATION
38AK077	1	IAA COLLECTIONS
38BK043	13	CHARLESTON MUSEUM
38BK132	16	IAA COLLECTIONS
38BM006	1	LEE COLLECTION
38BU010	1	IAA COLLECTIONS
38BU025	15	IAA COLLECTIONS
38BU026	4	IAA COLLECTIONS
38BU028	1	CHARLESTON MUSEUM
38BU037	1	CHARLESTON MUSEUM
38BU040	2	CHARLESTON MUSEUM
38BU041	3	CHARLESTON MUSEUM
38BU068	1	IAA COLLECTIONS
38CH008	2	CHARLESTON MUSEUM
38CH012	1	CHARLESTON MUSEUM
38CH021	1	CHARLESTON MUSEUM
38CH023	1	IAA COLLECTIONS
38CH031	2	CHARLESTON MUSEUM
38CH032	1	CHARLESTON MUSEUM
38CH041	9	IAA COLLECTIONS
38CH042	3	IAA COLLECTIONS
38CH061	2	IAA COLLECTIONS
38CL018	2	IAA COLLECTIONS
38CR002	2	IAA COLLECTIONS
38CR006	3	CHARLESTON MUSEUM
38DA003	1	CHARLESTON MUSEUM
38FL006	1	CHARLESTON MUSEUM
38GE005	2	IAA COLLECTIONS
38GE024	2	IAA COLLECTIONS
38GE046	12	IAA COLLECTIONS
38HA012	1	IAA COLLECTIONS
38HR008	2	IAA COLLECTIONS
38HR022	1	IAA COLLECTIONS
38LE001	2	CHARLESTON MUSEUM
38LE003	1	CHARLESTON MUSEUM
38LX068	1	IAA COLLECTIONS
38MA001	6	CHARLESTON MUSEUM
38MA002	1	CHARLESTON MUSEUM
38MA029	1	IAA COLLECTIONS
38MA032	1	IAA COLLECTIONS
38MA036	2	IAA COLLECTIONS
38MA042	1	IAA COLLECTIONS
38MA044	3	IAA COLLECTIONS
38MA045	5	IAA COLLECTIONS
38OR030	31	IAA COLLECTIONS
38OR038	2	IAA COLLECTIONS
38OR040	5	IAA COLLECTIONS
38WG043	1	IAA COLLECTIONS

47 sites/ 47 collections/ 173 sherds

COMPLICATED STAMP, "MED" LANDS
SHERD/CLAY TEMPER

ATTRIBUTE NUMBER 102

SITE NO	FREQ	LOCATION
38BU023	1	IAA COLLECTIONS
38BU041	2	CHARLESTON MUSEUM

2 sites/ 2 collections/ 3 sherds

NONDIAGNOSTIC
SHERD/CLAY TEMPER

ATTRIBUTE NUMBER 104

SITE NO	FREQ	LOCATION
38BK043	4	CHARLESTON MUSEUM
38BK109	3	IAA COLLECTIONS
38BU002	1	IAA COLLECTIONS
38BU010	2	IAA COLLECTIONS
38BU025	3	IAA COLLECTIONS
38BU026	15	CHARLESTON MUSEUM
38BU063	1	IAA COLLECTIONS
38BU067	2	IAA COLLECTIONS
38BU068	2	IAA COLLECTIONS
38CH021	1	CHARLESTON MUSEUM
38CH032	1	CHARLESTON MUSEUM
38CH042	2	IAA COLLECTIONS
38CH047	1	CHARLESTON MUSEUM
38CL004	1	IAA COLLECTIONS
38CR002	2	IAA COLLECTIONS
38DA002	1	CHARLESTON MUSEUM
38GE017	1	IAA COLLECTIONS
38GE020	1	IAA COLLECTIONS
38GE046	2	IAA COLLECTIONS
38HA063	1	IAA COLLECTIONS
38HA012	1	IAA COLLECTIONS
38HR008	20	IAA COLLECTIONS
38HR012	1	CHARLESTON MUSEUM
38JA023	2	IAA COLLECTIONS
38JA033	1	IAA COLLECTIONS
38LE001	1	CHARLESTON MUSEUM
38LE011	3	IAA COLLECTIONS
38MA002	1	CHARLESTON MUSEUM
38MA029	5	IAA COLLECTIONS
38MA036	5	IAA COLLECTIONS
38MA036	2	IAA COLLECTIONS
38MA044	1	IAA COLLECTIONS
38MA045	1	IAA COLLECTIONS
38ML001	1	CHARLESTON MUSEUM
38OR030	72	IAA COLLECTIONS
38WB043	4	IAA COLLECTIONS

36 sites/ 36 collections/ 171

PARALLEL THIN SIMPLE STAMP
"SHELL" TEMPER

ATTRIBUTE NUMBER 113

SITE NO	FREQ	LOCATION
38CH008	4	CHARLESTON MUSEUM

1 site/ 1 collection/ 4 sherds

PARALLEL WIDE SIMPLE STAMP
"SHELL" TEMPER

ATTRIBUTE NUMBER 114

SITE NO	FREQ	LOCATION
38CH008	1	CHARLESTON MUSEUM

1 site/ 1 collection/ 1 sherd

PARALLEL THICK CORD MARKED
"SHELL" TEMPER

ATTRIBUTE NUMBER 118

SITE NO	FREQ	LOCATION
38CH008	1	CHARLESTON MUSEUM
38CH042	1	CHARLESTON MUSEUM

2 sites/ 2 collections/ 2 sherds

CROSS THICK CORD MARKED
"SHELL" TEMPER

ATTRIBUTE NUMBER 120

SITE NO	FREQ	LOCATION
38CH008	1	CHARLESTON MUSEUM

1 site/ 1 collection/ 1 sherd

CHECK STAMPED
"SHELL" TEMPER

ATTRIBUTE NUMBER 122

SITE NO	FREQ	LOCATION
38JA023	1	IAA COLLECTIONS

1 site/ 1 collection/ 1 sherd

FABRIC, LOOSE WEAVE
"SHELL" TEMPER

ATTRIBUTE NUMBER 123

SITE NO	FREQ	LOCATION
38BM007	1	IAA COLLECTIONS

1 site/ 1 collection/ 1 sherd

PLAIN
"SHELL" TEMPER

ATTRIBUTE NUMBER 126

SITE NO	FREQ	LOCATION
38BM007	2	IAA COLLECTIONS
38CH008	6	CHARLESTON MUSEUM
38HA002	1	IAA COLLECTIONS
38JA023	1	IAA COLLECTIONS

4 sites/ 4 collections/ 10 sherds

BAKED CLAY OBJECTS

ATTRIBUTE NUMBER 131

SITE NO	FREQ	LOCATION
38BU028	1	CHARLESTON MUSEUM
38BU031	1	CHARLESTON MUSEUM
38CH217	5	CHARLESTON MUSEUM

3 sites/ 3 collections/ 7

CORRUGATED FINISH

ATTRIBUTE NUMBER 132

SITE NO	FREQ	LOCATION
38BM031	1	PARLER COLLECTION
38CH002	1	CHARLESTON MUSEUM

2 sites/ 2 collections/ 2 sherds

DISCOIDS

ATTRIBUTE NUMBER 133

SITE NO	FREQ	LOCATION
38AL011	1	IAA COLLECTIONS
38BU027	4	CHARLESTON MUSEUM
38BU028	1	CHARLESTON MUSEUM
38BU048	2	CHARLESTON MUSEUM
38CH002	1	CHARLESTON MUSEUM
38OR007	5	IAA COLLECTIONS
38OR010	2	IAA COLLECTIONS
38OR020	2	IAA COLLECTIONS
38OR036	7	IAA COLLECTIONS
38OR040	4	IAA COLLECTIONS

10 sites/ 10 collections/ 29 sherds

CROSS THIN SIMPLE STAMP
FINE SAND/CLAY

ATTRIBUTE NUMBER 37

SITE NO	FREQ	LOCATION
38AL026	2	IAA COLLECTIONS
38BU009	1	IAA COLLECTIONS
38BU037	1	CHARLESTON MUSEUM
38CH008	1	CHARLESTON MUSEUM
38CH009	1	CHARLESTON MUSEUM
38CH061	2	IAA COLLECTIONS
38CL010	1	IAA COLLECTIONS
38GE017	1	IAA COLLECTIONS
38GE020	2	IAA COLLECTIONS
38HA001	3	IAA COLLECTIONS
38JA005	2	IAA COLLECTIONS

11 sites/ 11 collections/ 17 sherds

CROSS WIDE SIMPLE STAMP
FINE SAND/CLAY

ATTRIBUTE NUMBER 38

SITE NO	FREQ	LOCATION
38AL011	1	IAA COLLECTIONS
38BU028	1	CHARLESTON MUSEUM
38CH023	1	CHARLESTON MUSEUM
38CH042	1	IAA COLLECTIONS
38CH142	2	CUTHBERT COLLECTION
38CL004	1	IAA COLLECTIONS
38GE005	1	IAA COLLECTIONS

7 sites/ 7 collections/ 8 sherds

PARALLEL THIN CORD MARKED
FINE SAND/CLAY

ATTRIBUTE NUMBER 39

SITE NO	FREQ	LOCATION
38AK007	1	IAA COLLECTIONS
38BK132	1	IAA COLLECTIONS
38BU028	1	CHARLESTON MUSEUM
38BU039	2	CHARLESTON MUSEUM
38BU044	1	CHARLESTON MUSEUM
38CH021	2	CHARLESTON MUSEUM
38CL010	1	IAA COLLECTIONS
38MA045	1	IAA COLLECTIONS

PARALLEL THICK CORD MARKED
FINE SAND/CLAY

ATTRIBUTE NUMBER 40

SITE NO	FREQ	LOCATION
38AK007	1	IAA COLLECTIONS
38BK132	6	IAA COLLECTIONS
38BU028	1	CHARLESTON MUSEUM
38BU039	2	CHARLESTON MUSEUM
38FL001	1	CHARLESTON MUSEUM
38GE013	2	CHARLESTON MUSEUM
38MA037	1	IAA COLLECTIONS

7 sites/ 7 collections/ 14 sherds

CROSS THIN CORD MARKED
FINE SAND/CLAY

ATTRIBUTE NUMBER 41

SITE NO	FREQ	LOCATION
38AK007	1	IAA COLLECTIONS
38AL026	6	IAA COLLECTIONS
38BU010	1	IAA COLLECTIONS
38BU037	1	CHARLESTON MUSEUM
38BU039	7	CHARLESTON MUSEUM
38BU041	2	CHARLESTON MUSEUM
38GE013	1	CHARLESTON MUSEUM
38GE020	1	IAA COLLECTIONS
38JA023	1	IAA COLLECTIONS
38MA034	1	IAA COLLECTIONS
38MA037	2	IAA COLLECTIONS
38OR037	2	IAA COLLECTIONS

12 sites/ 12 collections/ 26 sherds

CROSS THICK CORD MARKED
FINE SAND/CLAY

ATTRIBUTE NUMBER 42

SITE NO	FREQ	LOCATION
38AL013	1	IAA COLLECTIONS
38BK132	1	IAA COLLECTIONS
38MA037	2	IAA COLLECTIONS

3 sites/ 3 collections/ 4 sherds