

CHAPTER 4

Personal Context of Utilization

CHAPTER 4 includes several divisions based on the manner or type of use to which specific artifact categories were applied. These divisions include Clothing, Adornment, Grooming, and Activities (Recreation and Writing).

CLOTHING**BUCKLES**

Buckles of many different types have been described in the literature (see, for example, Calver and Bolton 1950: 221-222; Noël Hume 1970a:84-88; Smith 1965:67, 115; Peter-

son 1968:76, 230-231; Klinger and Wilder 1967:20-22). In these sources, the following terms are variably applied to buckles of different sizes, shapes, functions, and constructions: shoe, spur, belt, knee, hat, baldric, stock, and harness. Distinctions between these forms have been made on a highly subjective basis; both size and shape have been the most important criteria for determining types. Since distinctions such as these are less critical in order of interpretative importance than the determination of either date or nationality of use, little attempt has been made to objectively distinguish these specific forms. They may be ranked in size in the following manner: large (shoe and belt),



Figure 17. Diderot: Dress Shop Keeper.

medium (stock and knee), and small (spur). All of these sizes are represented in the Fort Michilimackinac sample of 426 buckles, buckle parts, and fragments. Attributes recognized in the classification of buckles include:

1. Form and articulation of buckle elements. Buckle elements include the frame, a hinge bar (either movable or cast as part of the frame), a hook (movable part which is attached to the hinge bar and which serves to permanently secure leather or strap to the buckle), and a tongue (prong which temporarily secures a loose strap end to the buckle). Each element is not present on all buckles.
2. Shape of frame and movable elements.
3. Material of manufacture.
4. Decoration, usually defined by molded or inset design elements.
5. Size, refers to frame length and width and hook width. Additional dimensions such as hook and tongue length are presented when applicable.

Four levels of taxonomic distinction are based on these attributes: (1) Class — distinguished by differences in the means of attaching the buckle to leather or strap; (2) Series — distinguished by the form of different elements of attachment; (3) Type — distinguished by a combination of decoration and the attachment element shape; and (4) Variety — distinguished by frame decoration and/or shape of the attachment element.

These formal distinctions apply to complete buckles. A second classification has been devised for the description of buckle frames. Series are distinguished by shape differences; Types are distinguished by material differences; and Varieties are distinguished by differences in size and decoration.

Buckle descriptions are based on these two systems of classification. Information on distributional and comparative evidence is presented in the descriptive context where applicable.

TYPE DESCRIPTIONS

Class I Hook Attachment

All CI buckles have both a movable hook element attached to a pin or hinge bar and a movable tongue element attached to the same hinge bar at the center of the hook. The hook element permanently secures the leather or strap; the tongue element temporarily secures the loose strap end while in use. All CI specimens are curved between the ends. CI Series are defined by different forms of these elements for attachment.

Series A Single-Prong Hook; Single Tongue

CI, SA specimens exhibit a hook which bears 1 prong on its distal end; this prong projects toward the inside of the buckle frame and hook.

Type 1 Oval (or rectangular with rounded corners); iron frame; iron hook, tongue, and hinge bar

Variety a Undecorated

Figure 18 A

1 specimen

Dimensions (1 specimen): frame length, 42.3; frame width, 32.8; maximum hook width, 29.7.

Type 2 Rectangular brass frame; brass hook; iron tongue and hinge bar

Variety a Decorated

Figure 18 B

1 specimen

Dimensions (1 specimen): frame length, 38.4; frame width, 30.5; maximum hook width, 36.8.

Type 3 Rectangular iron frame; iron hook, tongue, and hinge bar

Variety a Undecorated

Figure 18 C

1 specimen

Dimensions (1 specimen): frame length, 47.1; frame width, 31.5; maximum hook width, 27.0.

Type 4 Rectangular brass frame; brass hook and tongue; iron hinge bar

Variety a Undecorated

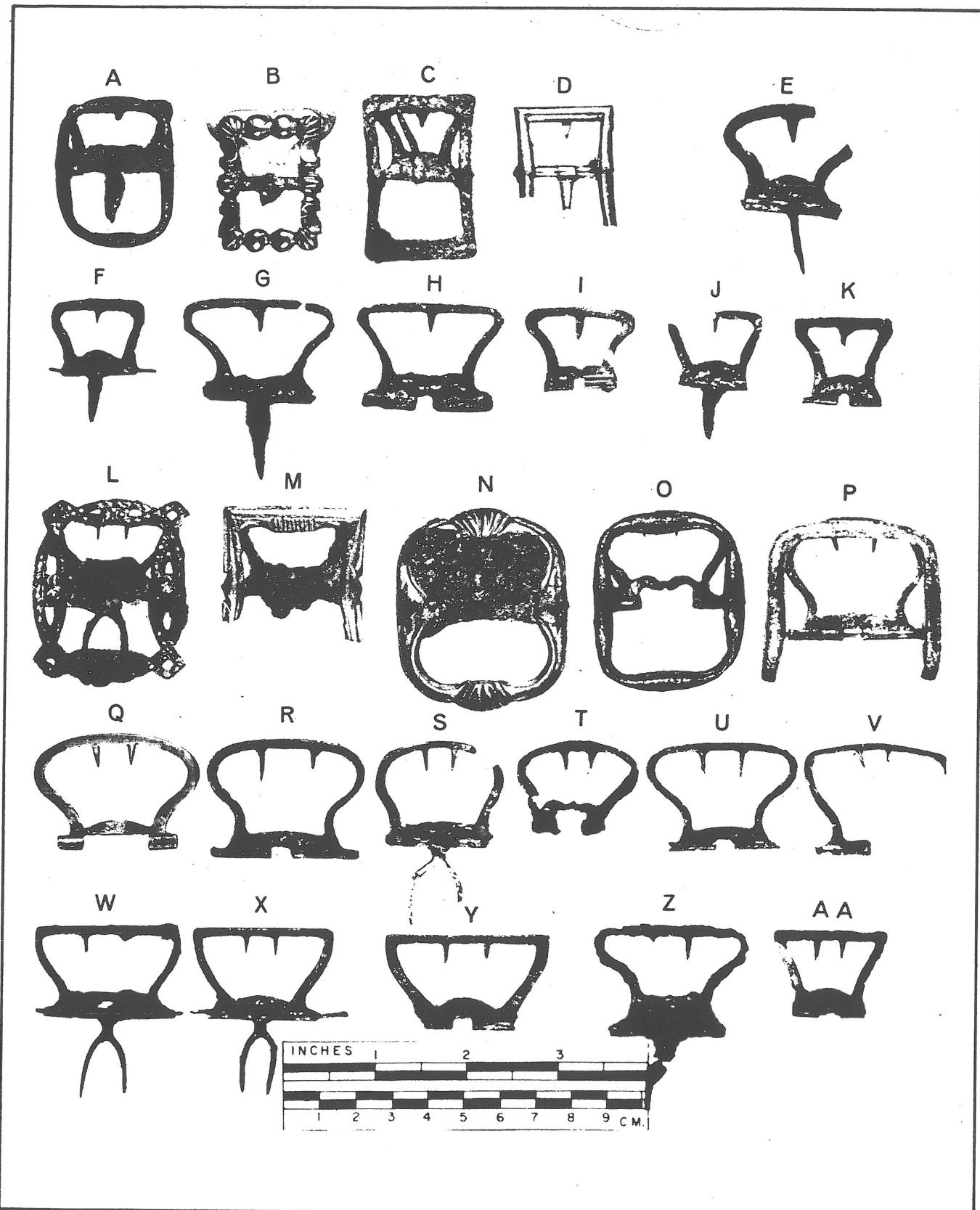
Figure 18 D

1 specimen

Dimensions (1 specimen): frame length, 40.0E; frame width, 28.1; maximum hook width; 28.1.

Figure 18. Buckles.

Figure Designation	Taxonomic Designation	Catalogue Number, MS ²	Text Discussion
A	CI, SA,	T1, Va	2561 26
B		T2, Va	840 26
C		T3, Va	2335 26
D		T4, Va	1954 26
E	CI, SA, Cat. 1,	Va	3331 28
F		Vb	379 28
G		Vc	217 28
H		Vd	2869 28
I		Ve	1136 28
J		Vf	1 28
K		Vg	2233 28
L	CI, SB,	T1, Va	1 28
M		T2, Va	2977 28
N		T3, Va	2512 28
O		T4, Va	2468 28
P		T5, Va	496 28
Q	CI, SB, Cat. 1,	Va	639 28
R		Va	1929 28
S		Vb	1 28
T		Vc	1981 28
U		Vd	1465 28
V		Ve	2099 28
W		Vf	1083 28
X		Vg	1663 28
Y		Vh	661 28
Z		Vi	1 28
AA		Vj	2052 28



CLASS I, SERIES A, CATEGORY 1

This Category consists of hook elements used with CI, SA buckles. Varieties are distinguished by hook shape and material and are presented in Table 2.

**TABLE 2. BUCKLE DESCRIPTIONS:
CLASS I, SERIES A, CATEGORY 1, VARIETIES a-g**

Taxonomic Designation	Figure	Freq.	Maximum Hook Width	Comments
CI, SA, Cat. 1, Va	18 E	4	38.0E, 38.5, 36.4, 42.0E	Iron; convex hook end; concave hook sides
Vb	18 F	2	26.4, 31.8	Iron; flat hook end; slightly concave hook sides
Vc	18 G	4	43.5, 42.9E, 34.0	Iron; flat hook end; concave hook sides
Vd	18 H	1	40.8	Iron; flat hook end; slightly concave hook sides
Ve	18 I	1	31.4	Brass; flat hook end; concave hook sides
Vf	18 J	4	23.0, 29.2, 26.8	Iron; flat hook end; slightly concave hook sides
Vg	18 K	2	27.4, 29.0E	Iron; flat hook end; slightly concave hook sides

Series B Double-Prong Hook; Double-Prong Tongue**Type 1** Rectangular brass frame; iron hook, tongue, and hinge bar**Variety a** Decorated

Figure 18 L

1 specimen

Dimensions (1 specimen): frame length, 53.1; frame width, 42.6; maximum hook width, 33.8.

Type 2 Rectangular brass frame; iron hook, tongue, and hinge bar**Variety a** Decorated

Figure 18 M

1 specimen

Dimensions (1 specimen): frame length, 45.0E; frame width, 40.0; maximum hook width, 34.5E.

Type 3 Rectangular brass frame with rounded corners; iron hook, tongue, and hinge bar**Variety a** Decorated

Figure 18 N

1 specimen

Dimensions (1 specimen): frame length, 57.2; frame width, 47.1; maximum hook width, 39.2E.

Type 4 Rectangular iron frame with rounded corners; iron hook and hinge bar; tongue missing**Variety a** Undecorated

Figure 18 O

1 specimen

Dimensions (1 specimen): frame length, 51.3; frame width, 42.0; maximum hook width, 36.8.

Type 5 Rectangular brass frame with rounded corners; iron hook and hinge bar; tongue missing**Variety a** Undecorated

Figure 18 P

1 specimen

Dimensions (1 specimen): frame length, 64.0E, frame width, 49.5; maximum hook width, 39.6.

CLASS I, SERIES B, CATEGORY 1

CI, SB, Cat. 1 consists of hook elements attributable to CI, SB buckles; Variety classifications are presented in Table 3.

**TABLE 3. BUCKLE DESCRIPTIONS:
CLASS I, SERIES B, CATEGORY 1, VARIETIES a-l**

Taxonomic Designation	Figure	Freq.	Maximum Hook Width	Comments
CI, SB, Cat. 1, Va	18 Q-R	8	41.6 (average)	1 brass, 7 iron specimens; convex hook end; concave sides
Vb	18 Y	2	35.4	Iron; convex hook end; concave sides
Vc	18 T	2	34.5E	Iron; convex hook end; concave sides
Vd	18 U	1	42.3	Iron; nearly flat hook end; concave sides
Ve	18 V	2	40.7	Iron; flat hook end; concave sides
Vf	18 W	11	41.2 (average)	Iron; flat hook end; concave sides
Vg	18 X	9	40.9 (average)	Iron; flat hook end; slightly convex sides
Vh	18 Y	1	45.6	Iron; flat hook end; slightly convex sides
Vi	18 Z	2	42.4, 43.9	Iron; flat hook end; concave sides
Vj	18 AA	1	37.8	Iron; flat hook end; flat sides
Vk	19 A	1	37.9	Iron; flat hook end; slightly convex sides
Vi	19 B	1	34.5	Iron; flat hook end; slightly convex sides

CLASS I, SERIES B, CATEGORY 2

This Category consists of 20 fragmentary CI, SB buckle elements which can neither be assigned to CI, SB Types nor to CI, SB, Cat. 1 Varieties (see Figure 19 C-F for examples).

Discussion: Class I, Series A and B: CI, SA and CI, SB buckles were combined on 1 distribution map for interpretative purposes. The majority of specimens were found in an area of concentration south of the 220 grid line. This area includes both the SW and SSW rowhouse units and the surrounding garden areas. Several specimens were found in the area of the French guardhouse (F. 60) and in the NNW rowhouse unit. Specimens were absent in the Church and Priest's house area, in the NW rowhouse unit, and in British military structures. Feature associations (Table 6) support this distributional evidence; therefore, a broad date range of between 1740 and 1780 is suggested. Both stock, belt, and probably knee buckles are represented in this sample. Military use is not indicated by the distributional evidence; however, it cannot totally be discounted.

Series C Flanged (or Winged) Hook; Single-Prong Tongue

CI, SC buckles consist of specimens which have flanged hooks.

Type 1 Rectangular iron frame with rounded corners; iron hook, tongue, and hinge bar

Variety a Undecorated

Figure 19 G

1 specimen

Dimensions (1 specimen): frame length, 27.0; frame width, 24.8; maximum hook width, 18.3.

Variety b Undecorated

Figure 19 H

1 specimen

Dimensions (1 specimen): frame length, 27.8; frame width, 22.5; maximum hook width, 16.4.

This specimen varies slightly from CI, SC, T1, Va in hook shape.

Variety c Undecorated

Figure 19 I

2 specimens

Dimensions (1 specimen): frame length, 26.6; frame width, 23.0; maximum hook width, 17.5E.

This specimen's hook element has a central, heart-shaped hole.

Type 2 Rectangular brass frame with rounded corners; brass hook and tongue

Variety a Decorated

Figure 19 J

1 specimen

Dimensions (1 specimen): frame length, 25.4; frame width, 20.4; maximum hook width, 13.5.

The hinge bar on this specimen has been replaced with a brass straight pin. The tongue element is missing.

Variety b Undecorated

Figure 19 K

1 specimen

Dimensions (1 specimen): frame length, 25.0; frame width, 18.0; maximum hook width, 12.0.

This specimen exhibits an iron hinge bar.

Type 3 Rectangular brass frame with rounded corners; brass hook and hinge bar; iron tongue

Variety a Decorated

Figure 19 L

1 specimen

Dimensions (1 specimen): frame length, 23.9; frame width, 19.0; maximum hook width, 10.0.

Type 4 Rectangular brass frame with rounded corners; iron hook, tongue, and hinge bar

Variety a Undecorated

Figure 19 M

1 specimen

Dimensions (1 specimen): frame length, 28.0; frame width, 24.0; maximum hook width, 14.8E.

Variety b Decorated

Figure 19 N

1 specimen

Dimensions (1 specimen): frame length, 44.6; frame width, 37.3; maximum hook width, 14.8E.

Variety c Decorated

Figure 19 O

1 specimen

Dimensions (1 specimen): frame length, 47.2E; frame width, 32.9.

Type 5 Rectangular pewter frame with rounded corners; pewter hook; iron tongue and hinge bar

Variety a Decorated

Figure 19 P

1 specimen

Dimensions (1 specimen): frame length, 22.6; frame width, 19.8.

Type 6 Rectangular iron frame; iron hook, tongue, and hinge bar

Variety a Undecorated

Figure 19 Q, T

2 specimens

Dimensions (1 specimen): frame length, 48.0; frame width, 33.2; maximum hook width, 19.0E.

Variety b Undecorated

Figure 19 R

1 specimen

Dimensions (1 specimen): frame length, 28.4E; frame width, 21.6; maximum hook width, 13.2.

This specimen is smaller than either CI, SC, T6, Va specimens and differs slightly in hook end shape.

Variety c Undecorated

Figure 19 S

1 specimen

Dimensions (1 specimen): frame length, 25.9; frame width, 19.1; maximum hook width, 12.3.

This specimen bears a heart-shaped hole in the hook center.

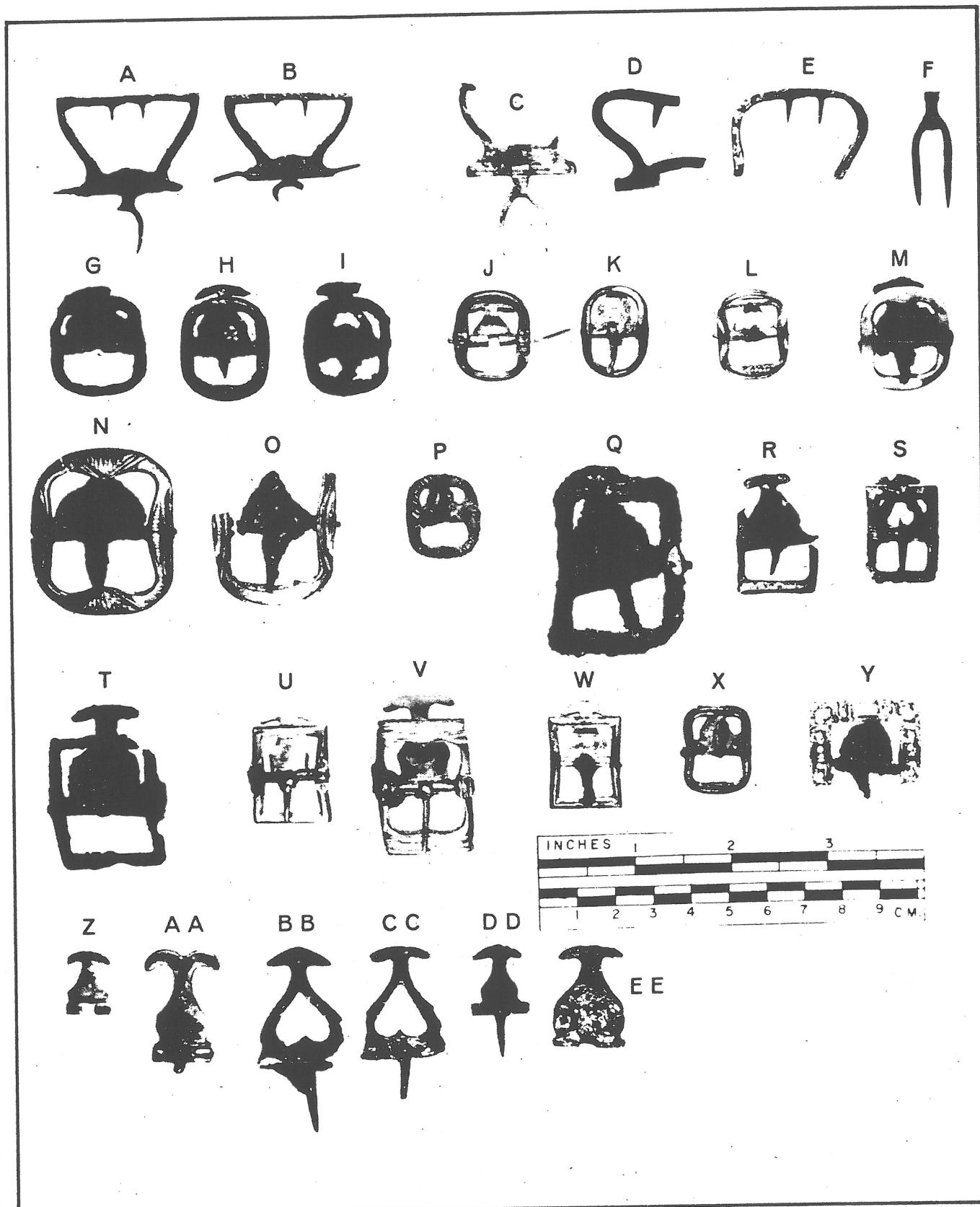
Type 7 Rectangular brass frame; brass hook and tongue; iron hinge bar

Variety a Decorated

Figure 19 U

1 specimen

Dimensions (1 specimen): frame length, 26.9; frame width, 20.9; maximum hook width, 14.0.



Variety b Decorated

Figure 19 V

1 specimen

Dimensions (1 specimen): frame length, 37.3; frame width, 26.0; maximum hook width, 19.0.

Type 8 Rectangular brass frame; brass hook; iron hinge bar and tongue**Variety a** Undecorated

Figure 19 W

1 specimen

Dimensions (1 specimen): frame length, 24.8; frame width, 19.1; maximum hook width, 14.3.

Type 9 Rectangular pewter frame with rounded corners; pewter hook; iron tongue and hinge bar (compare with CI, SC, T5, Va)**Variety a** Decorated

Figure 19 X

1 specimen

Dimensions (1 specimen): frame length, 24.1; frame width, 18.2.

Type 10 Rectangular brass frame; iron tongue, hook, and hinge bar**Variety a** Decorated

Figure 19 Y

1 specimen

Dimensions (1 specimen): frame length, 23.2E; frame width, 29.6.

CLASS I, SERIES C, CATEGORY 1

This Category consists of CI, SC hooks and tongue elements. Varieties are distinguished on the basis of material and shape.

Variety a Brass hook; iron tongue

Figure 19 Z

6 specimens

Dimensions (6 specimens): average maximum hook width, 13.3.

One specimen bears an impressed mark (RP).

Variety b Brass hook; iron tongue

Figure 19 AA

1 specimen

Dimensions (1 specimen): maximum hook width, 20.6.

Variety c Iron hook and tongue; heart-shaped hole in hook center

Figure 19 BB

1 specimen

Dimensions (1 specimen): maximum hook width, 17.3.

Variety d Iron hook and tongue; heart-shaped hole in hook center

Figure 19 CC

7 specimens

Dimensions (7 specimens): average maximum hook width, 18.1.

Variety e Iron hook and tongue

Figure 19 DD

4 specimens

Dimensions (1 specimen): maximum hook width, 13.3.

Variety f Iron hook

Figure 19 EE

6 specimens

Dimensions (1 specimen): maximum hook width, 17.7.

Figure 19. Buckles.

Figure Designation	Taxonomic Designation	Catalogue Number, MS ²	Text Discussion
A	CI, SB, Cat. 1,	Vk	2064
B		VI	3448
C	Cat. 2		28
D	Cat. 2	618	28
E	Cat. 2	2130	28
F	Cat. 2	3298	28
G	CI, SC,	1	28
H	T1, Va	1	28
I	Vb	1460	29
J	Vc	871	29
K	T2, Va	1597	29
L	Vb	1352	29
M	T3, Va	972	29
N	T4, Va	107	29
O	Vb	1550	29
P	Vc	795	29
Q	T5, Va	2369	29
R	T6, Va	1416	29
S	Vb	1	29
T	Vc	1235	29
U	T6, Va	812	29
V	T7, Va	657	29
W	Vb	1648	31
X	T8, Va	1243	31
Y	T9, Va	1482	31
Z	T10, Va	2337	31
AA	CI, SC, Cat. 1,	Va	31
BB		Vb	1
CC		Vc	31
DD		Vd	31
EE		Ve	1019
		Vf	1910
			31
			695

Series D Flanged or Winged Hook; Double-Prong Tongue**Type 1** Rectangular brass frame; iron tongue, hook, and hinge bar (hinge crosses longitudinal axis of frame)**Variety a** Undecorated

Figure 20 A

1 specimen

Dimensions (1 specimen): frame length, 38.0; frame width, 30.6; maximum hook width, 18.8.

Type 2 Rectangular brass frame; iron hook, tongue, and hinge bar**Variety a** Decorated

Figure 20 B

1 specimen

Dimensions (1 specimen): frame length, 38.0; frame width, 30.6; maximum hook width, 16.1.

Variety b Decorated

Figure 20 C

1 specimen

Dimensions (1 specimen): frame length, 29.6; frame width, 25.7.

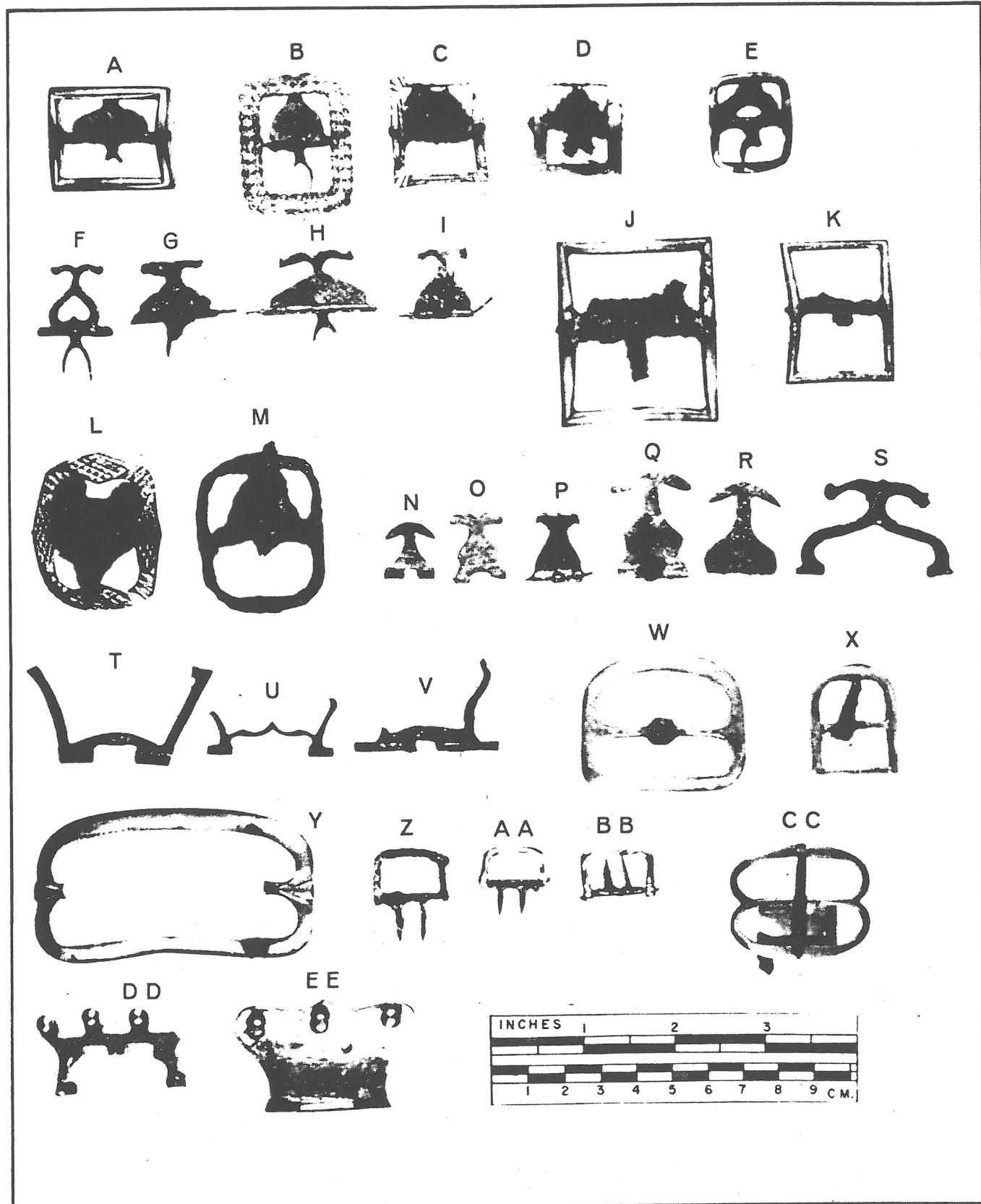
Variety c Undecorated

Figure 20 D

1 specimen

Dimensions (1 specimen): frame length, 28.7; frame width, 24.4.

Type 3 Rectangular iron frame with rounded corners; iron hook, tongue, and hinge bar



Variety a Undecorated

Figure 20 E

1 specimen

Dimensions (1 specimen): frame length, 27.3; frame width, 22.6.

CLASS I, SERIES D, CATEGORY 1

CI, SD, Cat. 1 consists of hook and tongue fragments which are used with CI, SD buckles. Varieties are distinguished on the basis of shape.

Variety a Heart-shaped hole in hook center

Figure 20 F

3 specimens

Dimensions (1 specimen): maximum hook width, 14.6.

Variety b (See illustration for shape)

Figure 20 G

3 specimens

Dimensions (1 specimen): maximum hook width, 17.1.

Variety c (See illustration for shape)

Figure 20 H

2 specimens

Dimensions (1 specimen): maximum hook width, 20.8.

Variety d (See illustration for shape)

Figure 20 I

2 specimens

Dimensions (1 specimen): maximum hook width, 13.6.

Discussion: Class I, Series C and D: All CI, SC and CI, SD specimens were combined on 1 distribution map for interpretative purposes. This combined distribution contrasts with that noted for CI, SA and CI, SB specimens. The major

Figure 20. Buckles.

Figure Designation	Taxonomic Designation	Catalogue Number, MS ²	Text Discussion
A	CI, SD,	T1, Va	819
B		T2, Va	1003
C		Vb	2073
D		Vc	2994
E		T3, Va	972
F	CI, SD, Cat. 1,	Va	1
G		Vb	850
H		Vc	147
I		Vd	807
J	CI,	Cat. 1, T1, Va	1
K		Va	286
L		Vb	1
M		Vc	1400
N		T2, Va	3116
O		Vb	296
P		Vc	1
Q		Vd	1787
R		Ve	2215
S		Vf	3458
T		T3	2520
U		T3	589
V		T3	1
W	CII, SA,	T1, Va	2670
X		Vb	170
Y		Vc	1433
Z	SB,	T1, Va	2371
AA		T2, Va	284
BB		T3, Va	1
CC	CIII		34
DD	CIV, SA,	T1, Va	46
EE	SB,	T1, Va	2441

area of concentration is along both sides of the north wall of the earliest French stockade (F. 5). This area includes the NW rowhouse unit, the French guardhouse (F. 60), and the area between the north wall of F. 5 and the NNW rowhouse unit. The Church area also produced a significant number of specimens. Feature associations (Table 6) support this distributional evidence in indicating a French period date of between 1715 and 1740 to 1750. Areas of low frequency or absence were the NNW, SW, and SSW rowhouse units and British military structures. Thus, hook form, the basic formal difference between CI, SA and CI, SB and CI, SC and CI, SD specimens, is highly significant when dating is attempted. CI, SA and CI, SB specimens (prong-hook form) have been dated between 1740 and 1780; CI, SC and CI, SD specimens (flange- or winged-hook form) appear to date between 1715 and 1740 to 1750. There is also a correlation between hook form (prong or flanged) and buckle size. Prong-hook forms are very common on large buckle frames (such as shoe, belt, or stock buckles); flanged-hook forms are common on smaller buckle frames (such as knee, spur, or hat buckles). The distributional differences between these forms may thus also be related to functional differences.

CLASS I, CATEGORY 1

CI, Cat. 1 includes CI buckle elements which could not be assigned to a specific Series. Three Cat. 1 Types are noted: buckle frames with fragmentary hook and tongue elements; buckle hooks from either CI, SC or CI, SD specimens; and buckle hooks from either CI, SA or CI, SB specimens.

Type 1 Frames with fragmentary hook and tongue elements**Variety a Undecorated; rectangular brass frame; iron hook and tongue elements**

Figure 20 J-K

2 specimens

Dimensions (2 specimens): frame length, 50.1, 39.2; frame width, 43.2, 29.3.

Variety b Decorated brass; rectangular frame with rounded corners; iron hook and tongue elements

Figure 20 L

1 specimen

Dimensions (1 specimen): frame length, 42.9; frame width, 34.4.

Variety c Undecorated; rectangular brass frame with rounded corners; iron hook and tongue

Figure 20 M

1 specimen

Dimensions (1 specimen): frame length, 44.1; frame width, 34.1.

This specimen may be a broken example of CI, SC, T1.

Type 2 Buckle hooks (CI, SC or CI, SD)**Variety a Brass**

Figure 20 N

2 specimens

Dimensions (1 specimen): maximum hook width, 13.6.

Variety b Pewter

Figure 20 O

1 specimen

Dimensions (1 specimen): maximum hook width, 14.0.

Variety c Iron

Figure 20 P

1 specimen

Dimensions (1 specimen): maximum hook width, 11.6.

Variety d Brass

Figure 20 Q

3 specimens

Dimensions (1 specimen): maximum hook width, 22.3.

Variety e Iron

Figure 20 R

4 specimens

Dimensions (1 specimen): maximum hook width, 21.3.

Variety f Iron

Figure 20 S

1 specimen

Dimensions (1 specimen): maximum hook width, 29.3.

Type 3 Buckle hooks (CI, SA or CI, SB)

Figure 20 T-V

13 specimens (2 brass, 11 iron)

Class II Frame Bar Attachment**Series A Hook Bar Is Integral Part of Buckle Frame**

CII, SA specimens consist of a solid frame with a bar or hinge element between buckle sides. Both the leather, or strap, and the tongue were attached to this center bar.

Type 1 D-shaped brass frame; iron tongue**Variety a Undecorated**

Figure 20 W

2 specimens

Dimensions (1 specimen): frame length, 37.9; frame width, 45.2.

Variety b Undecorated

Figure 20 X

1 specimen

Dimensions (1 specimen): frame length, 30.4; frame width, 24.2.

Variety c Decorated; elongate D-shaped

Figure 20 Y

7 specimens

Dimensions (1 specimen): frame length, 41.0; frame width, 75.7.

Discussion: Class II, Series A: CII, SA specimens are thought to be military stock or belt buckles which were in use during the Revolutionary War period. Similar specimens from both Fort Ligonier, Pa., and Valley Forge, Pa., are illustrated by Klinger and Wilder (1967:20). Their context at Fort Michilimackinac is restricted to the SSW row-house unit and to the garden area south of this unit. On this basis, a date range of between 1761 and 1781 may be assigned to CII, SA buckles.

Series B Hook Bar Attachment

This unit of classification may be formally inconsistent with other CII Series. CII, SB buckles consist of a 3-sided frame and a hook-hinge bar element between the frame

ends. The hook-hinge bar element apparently secured both the permanent and the loose ends of a leather or cloth strap.

Type 1 Iron frame and hook-hinge bar**Variety a Undecorated**

Figure 20 Z

6 specimens

Dimensions (1 specimen): frame length, 15.1; frame width, 20.7.

Type 2 Brass frame and hook-hinge bar**Variety a Undecorated**

Figure 20 AA

3 specimens

Dimensions (1 specimen): frame length, 12.0; frame width, 18.3.

Type 3 Brass frame; iron hook-hinge bar**Variety a Decorated**

Figure 20 BB

1 specimen

Dimensions (1 specimen): frame length, 14.4; frame width, 19.6.

The hinge bar on this specimen has been replaced with a brass straight pin.

Class III Frame Bar with Metal Strap Attachment

Figure 20 CC

1 specimen

Dimensions (1 specimen): frame length, 31.6; frame width, 38.4.

The single CIII specimen consists of a solid brass, elongated figure-8-shaped frame with an integral central bar. A brass tongue is attached to 1 side of the buckle frame, and a brass strap is bent around the center frame bar. This strap served, in effect, as an extension of the center bar as a means of permanently attaching the buckle to leather.

Class IV Rivet Attachment**Series A Riveted Hook Element Attached to Frame****Type 1 Brass****Variety a Undecorated**

Figure 20 DD

1 specimen

Dimensions (1 specimen): maximum hook width, 44.0E.

This specimen consists of a hook element similar in form and frame articulation to hook elements characteristic of CI, SA and CI, SB specimens. The hook element has 4 knobs or rivets which serve to permanently secure a leather strap.

Series B Rivets Attached to Buckle Frame**Type 1 Brass****Variety a Undecorated**

Figure 20 EE

1 specimen

Dimensions (1 specimen): frame length, 31.1; frame width, 50.1.

This specimen represents half of a 2-part, hook-fastened buckle. Each half consists of 3 rivets for leather attachment

on 1 end and a hook-like lip on the other end which fastens the 2 halves together.

BUCKLE CATEGORY 1 Frames

Buckle Cat. 1 consists of buckle frames and frame fragments. Hook and tongue elements are either missing or are too fragmentary for formal classification. Series are distinguished by different frame shapes. Types are distinguished by material, and Varieties are distinguished by decoration. The resultant Cat. 1 classification is presented in Table 4 which also serves as a key to which the reader is referred for comparative data, since individual Variety descriptions are not presented. Table 5 presents the frequency and measurements of Cat. 1 buckle specimens.

TABLE 4. CLASSIFICATION AND ILLUSTRATION KEY:
BUCKLE CATEGORY 1

Series A Rectangular Frame	Figure
Type 1 Iron Varieties a-i	21 A-I
Type 2 Brass Varieties a-rrr	21 J-DD 22 A-KK 23 A-K
Type 3 Pewter Varieties a-e	23 L-P
Series B Rectangular Frame with Rounded Corners	
Type 1 Brass Varieties a-tt	23 Q-JJ 24 A-Y
Type 2 Pewter Varieties a-j	24 Z-II
Type 3 Iron Varieties a-b	24 JJ-KK
Series C Oval Frame	
Type 1 Brass Varieties a-f	25 A-F
Series D D-Shaped Frame	
Type 1 Brass Variety a	25 G
Series E Elongate-Rectangular	
Type 1 Brass Varieties a-c	25 H-J
Series F Elongate-Oval	
Type 1 Brass Variety a	25 K

Discussion: Buckle Category 1: The following Varieties were manufactured of white brass or white metal: SA, T2,

Vq; SA, T2, Vpp; SA, T2, Vqq; SA, T2, Vrr; SB, T1, Vk; SB, T1, Vl; and SB, T1, Vm. Several Varieties were made of silver-plated brass (SB, T1, Va and SB, T1, Vu). Site distribution of SA and SB buckle frames was compared, and no significant differences were noted between the two. Buckle frames produced of different metals were also studied separately; again, no significant distributional differences were noted between iron, brass, and pewter specimens. A combined SA and SB distribution indicates that Cat. 1 buckle specimens were found frequently in the NNW, SW, and SSW rowhouse units and in the garden areas adjacent to these units. The area along the north wall of the earliest French stockade (F. 5, including the NW rowhouse unit) produced fewer specimens. SA and SB specimens were nearly absent from an area between the NW and SW rowhouse units and within the British soldiers' barracks (F. 3). These areas of distribution are duplicated by feature associations (Table 6). This evidence supports a date range of between 1715 and 1781 for Cat. 1 specimens, although specimens were more frequent in post-1735 to 1740 contexts.

DISCUSSION

Buckle descriptions have been presented as briefly as possible in the context of a formally structured taxonomy. Only the major classificatory attributes have been described in detail. Secondary descriptive attributes have either been omitted or are defined very briefly. The limited comparative evidence available has not been used for interpretative purposes.

Several important observations have been made concerning buckle dating and use. The form of buckle hook and tongue elements and buckle size appear to be very important attributes for dating purposes. Large buckle frames correlate with Class I, Series A and Class II, Series B hook and tongue element forms. Smaller buckle frames correlate with Class I, Series C and Class I, Series D hook and tongue element forms. Distributional differences between these two have been explained by a combination of chronological and functional factors. Class I, Series A and Class I, Series B buckles appear later at the site (ca. 1740 to 1780); Class I, Series C and Class I, Series D buckles appear earlier at the site (ca. 1715 to 1740 or 1750). This correlation between frame size and hook form and tentative dating is not supported, however, by the interpretation of Category 1 buckle specimens. Category 1 specimens (including both small and large buckle frames) appear to date throughout the period of site occupation. This ambiguity cannot be explained on the basis of the small sample of complete specimens formally described.

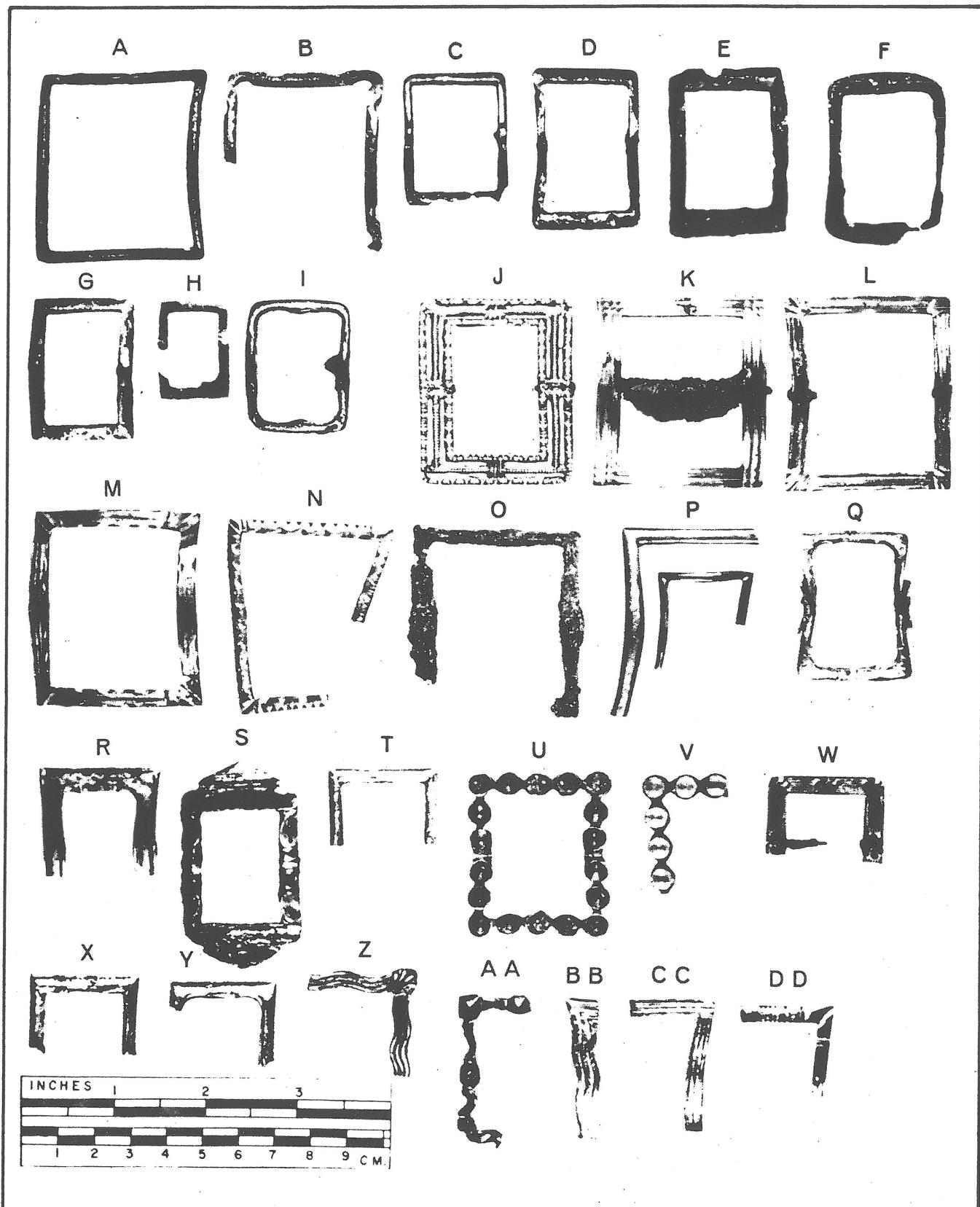


TABLE 5. MEASUREMENTS: BUCKLE CATEGORY 1

Taxonomic Designation	Frequency	Frame Length	Frame Width
SA, T1, Va	3	52.0	45.0
Vb	2		42.0
Vc	2	36.0	28.0
Vd	3	43.7	28.5
Ve	1	45.5	32.0
Vf	1	47.8	31.0
Vg	1	39.0	28.0
Vh	1	26.9	19.1
Vi	1	36.4	27.5
T2, Va	1	50.9	41.1
Vb	1	52.0	44.8
Vc	4	53.0	45.7
Vd	1	53.4	45.0
Ve	1	53.0	44.3E
Vf	1	50.6E	45.5
Vg	2	25.8E	
Vh	1	41.1	30.2
Vi	1	43.4	33.0
Vj	1	56.4	32.7
Vk	1		29.5
Vi	14	44.9	38.6
Vm	1	36.0E	32.0
Vn	1		30.2
Vo	1		29.1
Vp	1		
Vq	1	40.9	
Vr	1		
Vs	2		
Vt	1		
Vu	1		47.7
Vv	1		44.9
Vw	1		
Vx	1		45.5
Vaa	2		45.5E
Vbb	1		
Vcc	1		
Vdd	1		29.0
Vee	1		28.7
Vff	1		
Vgg	1		
Vhh	1		
Vii	1		
Vjj	1		
Vkk	1		
Vll	1	45.0E	37.1
Vmm	1		
Vnn	1		35.3
Voo	15	59.0E	47.9
Vpp	1	30.4	25.5
Vqq	1		
Vrr	1	24.6	19.0
Vss	1	27.4	24.3
Vtt	1	27.0	20.0
Vuu	1	25.3	19.5
Vvv	3	56.0E	46.5
Vww	4		49.0
Vxx	1		48.5
Vyy	1		
Vzz	1		
Vaaa	1	52.4E	43.0
Vbbb	1		
Vccc	2		
Vddd	1		
Veee	1		
Vfff	2		40.9
Vggg	1		
Vhhh	1		27.0
Viii	1		
Vjjj	1		
Vkkk	1	64.0E	

Figure 21. Buckles.

Figure Designation	Taxonomic Designation	Catalogue Number, MS ²	Text Discussion
A	Cat. 1, SA, T1, Va	2483	35
B	Vb	2864	35
C	Vc	1	35
D	Vd	2974	35
E	Ve	1	35
F	Vf	694	35
G	Vg	695	35
H	Vh	1077	35
I	Vi	1	35
J	T2, Va	1	35
K	Vb	1923	35
L	Vc	1	35
M	Vd	2038	35
N	Ve	2838	35
O	Vf	2904	35
P	Vg	2553	35
		1399	35
Q	Vh	1019	35
R	Vi	1152	35
S	Vj	2050	35
T	Vk	3246	35
U	Vi	532	35
V	Vi	2669	35
W	Vm	137	35
X	Vn	1026	35
Y	Vo	143	35
Z	Vp	2914	35
AA	Vq	1451	35
BB	Vr	1025	35
CC	Vs	1882	35
DD	Vt	2790	35

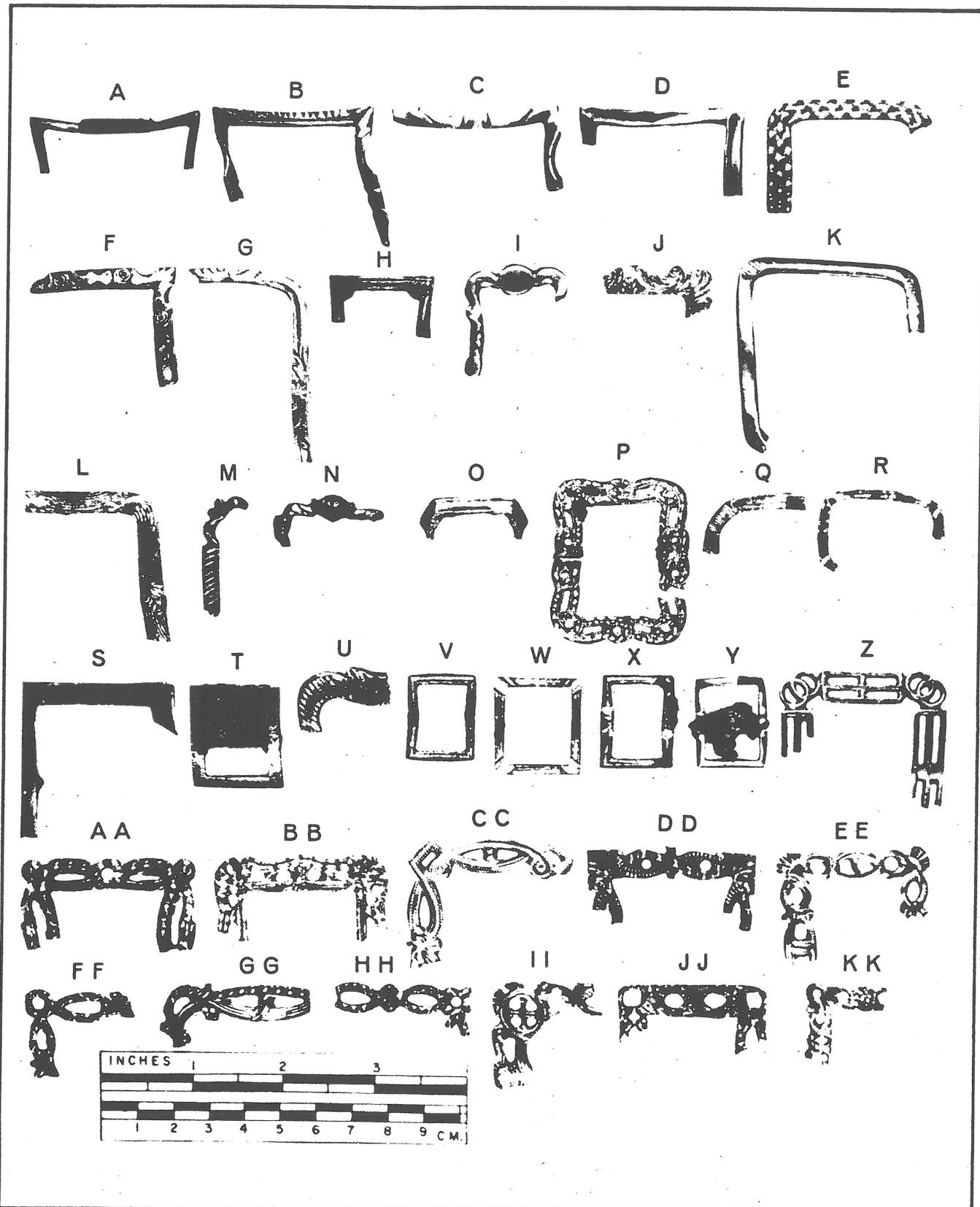


TABLE 5. MEASUREMENTS: BUCKLE CATEGORY (continued)

Taxonomic Designation	Frequency	Frame Length	Frame Width
SA, T2, VIII	1		31.0E
Vmmm	1		
Vnnn	1		
Vooo	1		
Vppp	1		
Vqqq	1		
Vrrr	2		
T3, Va	1		
Vb	1		
Vc	1		
Vd	1		
Ve	1	27.9	24.0
SB, T1, Va	1	47.4	36.0
Vb	1	46.4	40.4
Vc	1	52.5	42.8
Vd	1	57.6	44.2
Ve	1	43.7	31.0
Vf	3	26.8	19.2
Vg	2	42.5	31.4
Vh	1	25.0	19.7
Vi	1	31.9	25.0
Vj	1	24.7	20.0
Vk	1	42.7	32.9
VL	1	42.8	31.4
Vm	1		46.0E
Vn	1		47.0E
Vo	1		
Vp	1		50.2
Vq	1		40.7E
Vr	1		
Vs	1		49.0E
Vt	1		
Vu	2		
Vv	1		
Vw	1		
Vx	1		
Vy	1		
Vz	1		
Vaa	1		43.0E
Vbb	1		
Vcc	1		
Vdd	1		46.1E
Vee	1		
Vff	3		
Vgg	4		
Vhh	1		
Vii	1		
Vjj	1		
Vkk	1		
Vll	1		74.2E
Vmm	11	43.6E	30.0
Vnn	1	49.6	
Voo	1		45.9E
Vpp	1	46.8E	37.6E
Vqq	1		
Vrr	1		26.5E
Vss	1		
Vtt	1		
Vuu	1		
Vvv	1		
Vww	35		
Vxx	35		
Vyy	35		
Vzz	35		
Vaaa	35		
Vbbb	35		21.1E
Vccc	35		
Vddd	35		
Veee	35		
Vfff	35		
Vggg	35		

Figure 22. Buckles.

Figure Designation	Taxonomic Designation	Catalogue Number, MS ²	Text Discussion	
A	Cat. 1, SA, T2, Vu	2064	35	
B	Vv	2472	35	
C	Vw	2324	35	
D	Vx	2731	35	
E	Vaa	2078	35	
F	Vbb	3302	35	
G	Vcc	2668	35	
H	Vdd	2337	35	
I	Vee	1501	35	
J	Vff	3123	35	
K	Vgg	2268	35	
L	Vhh	2022	35	
M	Vii	369	35	
N	Vjj	2411	35	
O	Vkk	343	35	
P	Vll	970	35	
Q	Vmm	1348	35	
R	Vnn	554	35	
S	Voo	1545	35	
T	Vpp	2830	35	
U	Vqq	1684	35	
V	Vrr	1208	35	
W	Vss	2606	35	
X	Vtt	2474	35	
Y	Vuu	1961	35	
Z	Vvv	1440	35	
AA	Vww	2855	35	
BB	Vxx	1947	35	
CC	Vyy	2029	35	
DD	Vzz	1390	35	
EE	Vaaa	2857	35	
FF	Vbbb	1113	35	
GG	Vccc	2642	35	
HH	Vddd	2536	35	
II	Veee	1416	35	
JJ	Vfff	2069	35	
KK	Vggg	692	35	

T2, Va
Vb
Vc
Vd
Ve
Vf
Vg
Vh
Vi
Vj
Vl
Vb

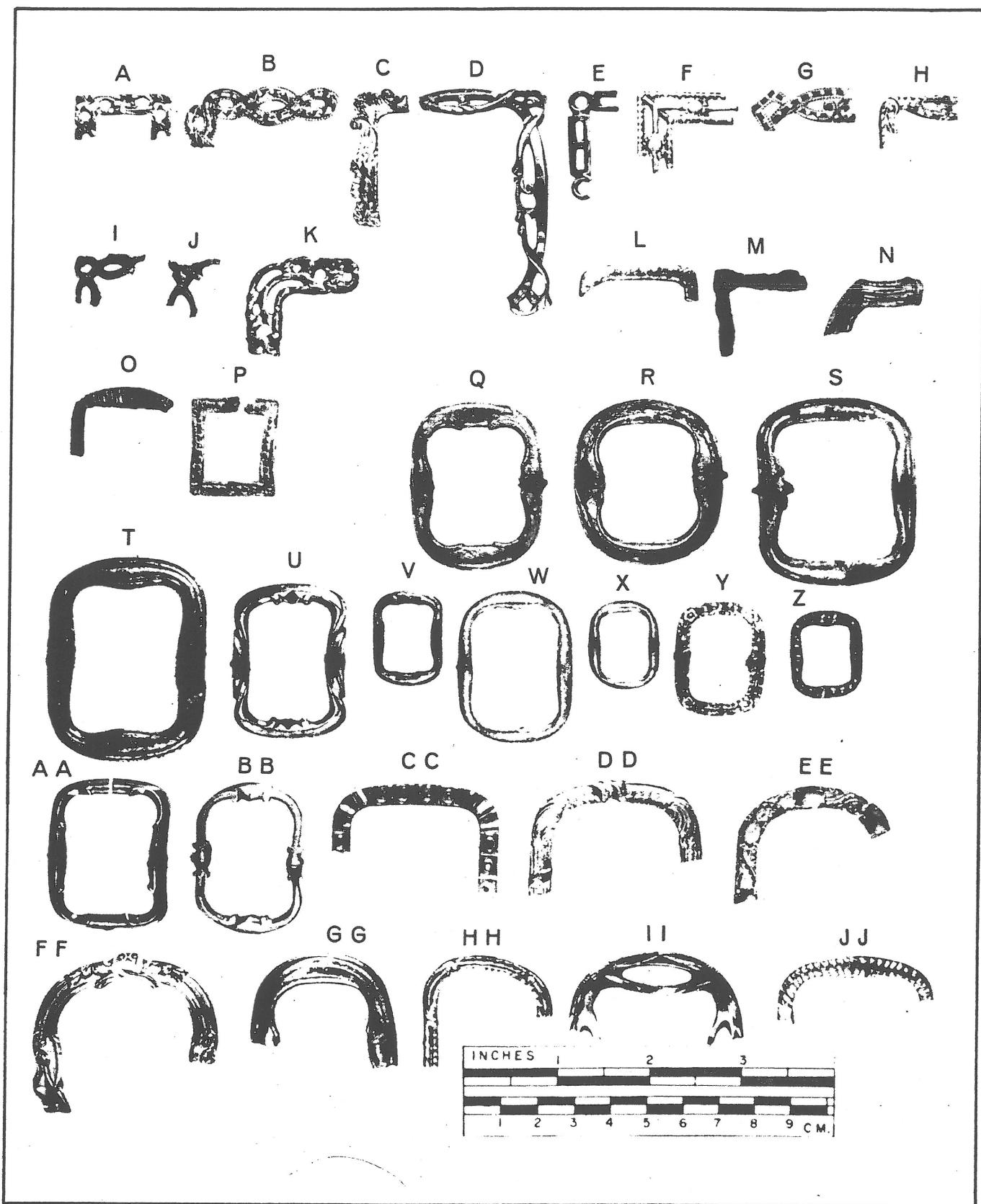


TABLE 5. MEASUREMENTS: BUCKLE CATEGORY (continued)

Taxonomic Designation	Frequency	Frame Length	Frame Width
SC, T1, Va	2		
Vb	3		
Vc	1	39.0E	32.8E
Vd	2	34.0E	32.8
Ve	1	39.6	33.5
Vf	2	61.5	51.2E
SD, T1, Va	2	24.0	33.0
SE, T1, Va	1	27.7	32.0
Vb	2	27.0	34.0
Vc	1	30.4	35.0
SF, T1, Va	1	85.4	35.0

TABLE 6. BUCKLE FEATURE ASSOCIATIONS

Taxonomic Designation	Frequency	Feature Number
Cl, SA, T2, Va	1	118
SD, Cat. 1, Va	1	262
Cl, SB, Cat. 1, Vd	1	87
	1	30
Cl, SB, Cat. 2,	1	296
Cl, SB, Cat. 2,	1	267
Cl, SB, Cat. 2,	1	21
Cl, SB, Cat. 2,	1	305
Cl, SC, T4, Vb	1	131
	1	118
Cl, SC, T6, Va	1	85
	1	72
Cl, SC, T8, Va	1	132
Cl, SC, Cat. 1, Vd	1	215
Cl, SD, T2, Va	1	133
	1	215
Cl, Cat. 1, T2, Ve	1	81
	1	348
Cl, Cat. 1, T3,	1	267
CII, SA, T1, Va	1	262
	1	267
CIII,	1	118
Cat. 1 SA, T2, Vc	1	240
	1	248
	1	220
	1	296
	1	85
	1	79
	1	236
	1	209
	1	83
	1	267
	1	85
	1	296
	1	296
	1	296
	1	265
	1	310
	1	88
	1	2
	1	265
	1	296
	1	267
	1	265
	1	265

Figure 23. Buckles.

Figure Designation	Taxonomic Designation	Catalogue Number, MS ²	Text Discussion
A	Cat. 1, SA, T2, Vhhh	706	35
B	Viii	34	35
C	Vjjj	3123	35
D	Vkkk	1223	35
E	Vlll	171	35
F	Vmmmm	555	35
G	Vnnn	592	35
H	Vooo	2247	35
I	Vppp	1658	35
J	Vqqq	623	35
K	Vrrr	1640	35
L	T3, Va	1	35
M	Vb	1776	35
N	Vc	2844	35
O	Vd	1	35
P	Ve	1606	35
Q	SB, T1, Va	1154	35
R	Vb	1	35
S	Vc	2536	35
T	Vd	3107	35
U	Ve	1531	35
V	Vf	1969	35
W	Vg	1680	35
X	Vh	2084	35
Y	Vi	3043	35
Z	Vj	1546	35
AA	Vk	2078	35
BB	VL	1	35
CC	Vm	2916	35
DD	Vn	1466	35
EE	Vo	3466	35
FF	Vp	546	35
GG	Vq	1	35
HH	Vr	243	35
II	Vs	1442	35
JJ	Vt	1915	35

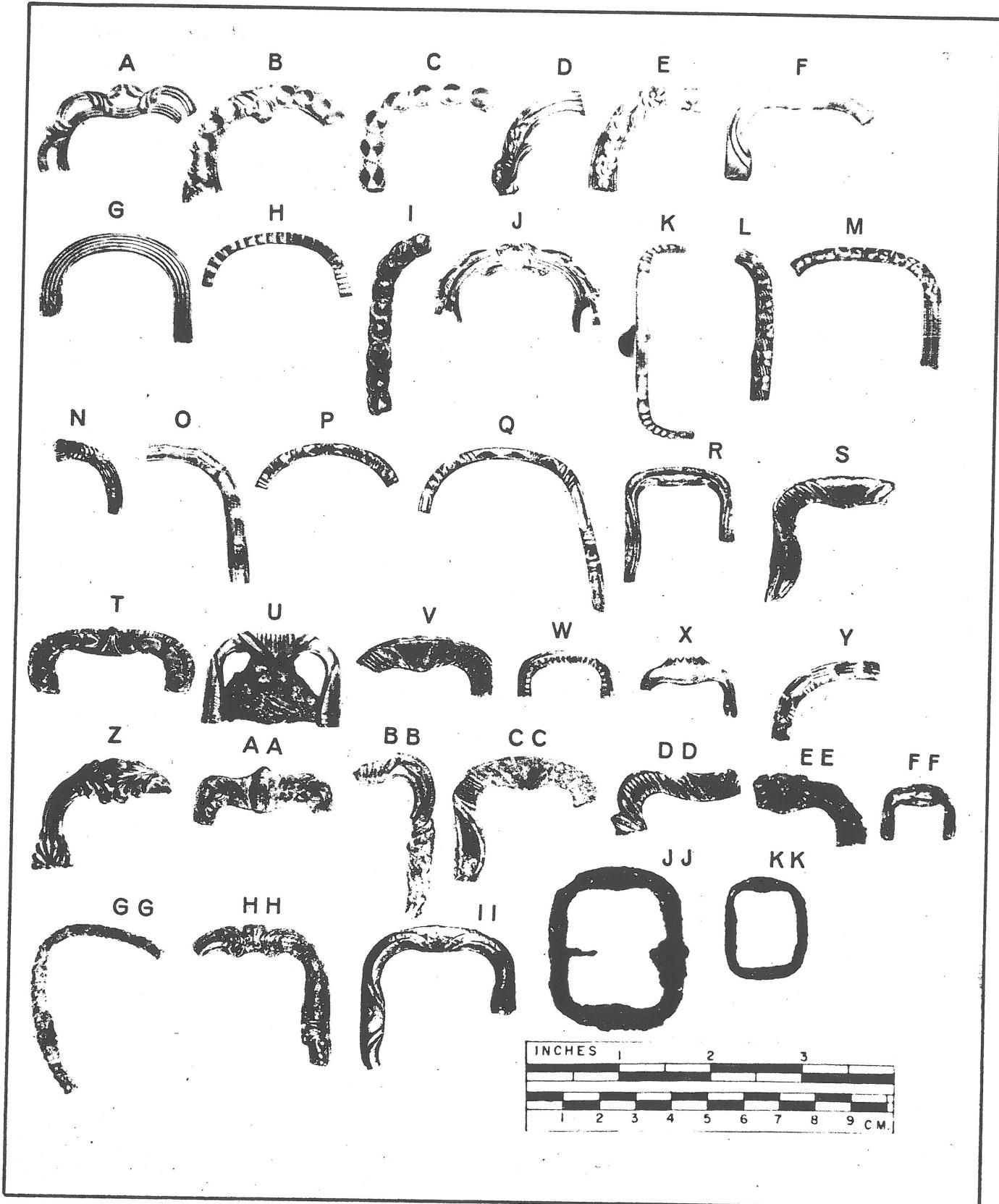


Figure 24. Buckles.

Figure Designation	Taxonomic Designation	Catalogue Number, MS ²	Text Discussion
A	Cat. 1, SB, T1, Vu	2712	35
B	Vv	1036	35
C	Vw	2427	35
D	Vx	2945	35
E	Vy	2337	35
F	Vz	3269	35
G	Vaa	875	35
H	Vbb	3482	35
I	Vcc	2972	35
J	Vdd	2430	35
K	Vee	1	35
L	Vff	2348	35
M	Vgg	695	35
(not photographed)	Vhh	1507	35
N	Vii	1771	35
O	Vjj	53	35
P	Vkk	2608	35
Q	Vll	2018	35
R	Vmm	1018	35
S	Vnn	2312	35
T	Voo	1908	35
U	Vpp	1	35
V	Vqq	2395	35
W	Vrr	2492	35
X	Vss	1	35
Y	Vtt	2970	35
Z	T2, Va	3045	35
AA	Vb	2313	35
BB	Vc	2828	35
CC	Vd	2865	35
DD	Ve	1706	35
EE	Vf	2671	35
FF	Vg	2305	35
GG	Vh	114	35
HH	Vi	2556	35
II	Vj	3431	35
JJ	T3, Va	1606	35
KK	Vb	117	35

