No. 73447

FOUR MILE POLYCHROME BOWL

Greatest diameter, 34.1 cm.

Homolovi (No. 1), Arizona
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ANASAZI PAINTED POTTERY

IN

FIELD MUSEUM OF NATURAL HISTORY

INTRODUCTION

Early in 1939, we decided to sort typologically the 5,000 unbroken specimens of painted Anasazi (Basket Maker-Pueblo) pottery in the collection of Field Museum. Since its accession the collection has been in storage and we hoped by means of a typological sorting to make this material useful and productive. By utilizing the data collected by modern archaeologists, we could allot to the varied wares a cultural relationship and a relative chronological order.

After the preliminaries of thorough water and acid baths for each piece, came the rough color sorting; that is, the whites were separated from the yellows, the reds, and the polychromes. When this had been accomplished we discovered that the collection was remarkably comprehensive and we decided that a publication of representative pieces would be a useful contribution to the literature of Anasazi archaeology.

We found that about 95 per cent of our collection was secured during the 1880's and 1890's when cow-men, ranchers, and antiquarians did a tremendous amount of digging in the regions of Arizona, Utah, Colorado, and New Mexico. At that time, there existed no Federal law for the preservation of antiquities, and digging was unrestrained and unhindered. Some of it was done on picnics, some for profit, and some for the fun of gathering "relics" of the "Aztecs"—the name by which many of the early settlers referred to the Pueblo Indians. As a result of such indiscriminate collecting, much of our pottery was undocumented. Only the site from which the collection came, the collector's name, and the date of purchase were known. The specimens were catalogued merely as Southwestern pottery, or "ancient dishes from Arizona." In those early days, few bothered their heads about pottery types or chronological differences.

Since then the archaeological horizon has broadened; taxonomy has been introduced to the profession; and systematizing of knowledge has begun.

Methodology and classification are justifiable when used with restraint, and when accompanied by a sense of balance and a leavening humor. With this precaution in mind, we classified our collection and selected representative pieces for publication. Data previously accumulated with great care and reported by a score or more of well-trained archaeologists, and classifications evolved from time and cultural relationships helped immeasurably in the work of analyzing our collection.

This analysis completed, we selected approximately 900 vessels illustrating most of the major Anasazi painted pottery types, many of which were previously known only from photographs of potsherds, or, at best, of single specimens.
The illustrations of these specimens now may be minutely studied and leisurely examined. This “armchair approach” facilitates study of this pottery, and enables the individual to correlate the substance gained from allied archaeological reports with the specimens pictured here.

Visualization of pottery types through the medium of the written word is frequently difficult, as meanings and connotations vary with the individual. Seeing the specimen overcomes the limitations of written description. Purposely then, our text is sparse.

We illustrate not only the finest specimens of each pottery type in the collection, but also all seldom-published variants in technique, design, and shape which are representative of our collection of each given type. For example, an individual interested in the range of design or shapes of pottery from the Kayenta region, can see most of the Kayenta types by referring to the pages devoted to them.

This volume should be helpful not only to archaeologists and other workers in Southwestern archaeology, but also to students and teachers of art, for the Pueblo potter was adept at securing richness, variety, and ingenuity of design, and incorporating them in varied shapes and forms.

In the classification of pottery types, we have proceeded without the use of petrographic analysis. Although much of the modern literature of pottery depends on this method, it was not adaptable to whole vessels.

Some will not agree with a few of our typological assignments; others may dislike the pottery names used in this volume, and may object to the Gladwin method employed in the organization and publication of this material.

The Gladwin system charts the proven as well as supposed chronological and cultural relationships of the ancient Southwest.

**PRIMARY CULTURAL RELATIONSHIPS IN GLADWIN’S CLASSIFICATION (SIMPLIFIED)**

<table>
<thead>
<tr>
<th>Pottery types</th>
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<td>(Anasazi) Basket Maker Root</td>
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</table>
INTRODUCTION

This classification is an attempt to correlate the archaeological findings in this area, and to supply a framework for further developments in this field. Modifications of the relationships implied by the Gladwins have been made from time to time, yet these changes have in no way altered the original purpose of the system.

A parallel exists in regard to this volume. The Gladwin method commended itself to us because it was flexible enough to meet the demands of our collection. Also, it afforded us a logical and convenient system of arranging our illustrations. The photographs will be useful for study, and may be reclassified according to any system the reader wishes to use. The provenience for each vessel is correct, and the chronological allotment reasonably so. We have tried to make only major distinctions of the types in our collection.

In order to facilitate the use of this catalogue, we have included the following:

(1) A map (p. 10) of part of the Southwest, showing practically every site mentioned in this report. Locations are, for the most part, accurate; some—found only in old publications and on old maps—may show a slight error.

(2) A bibliography (p. 271), which includes all references employed in sorting out our pottery by branches. Added, of course, is a listing of all references used in compiling this volume (p. 272).

(3) A table (p. 275) of all major sites represented in this volume, with references to the photographed specimens from those locations. This will be helpful to those who prefer the site division as a unit in the study of pottery.

(4) A numerical index (p. 280) of the illustrated specimens, with collectors’ names appended.

(5) An alphabetical index (p. 281) including the names of most sub-types and synonyms for illustrated types, as well as the type-names used in this volume. This should be of value to those confused, as we were, by the fact that there may be five or six names for one pottery type; some of these names go back in the literature from thirty to fifty years.

Much of the pottery illustrated has not been seen by layman, student, or specialist since its excavation and transfer to Field Museum. By making these photographs of approximately one-sixth of our pottery available to others, and by presenting all types, variations, and differences in design and shape, we believe we have launched this collection into a new era of usefulness.
MAP SHOWING LOCATION OF SITES
I. KAYENTA BRANCH

The pottery classified as of the Kayenta Branch is scattered over most of northeastern Arizona; that is, roughly from the Lukachukai Mountains west to Grand Canyon, south to Flagstaff and east towards Gallup, where it is inter-mixed with pottery of the Chaco Branch. The areas of greatest concentration are near Marsh Pass (Arizona) and in the Hopi country (near Keams Canyon and vicinity). Pieces, both early and late, traveled (probably by trade) far beyond the rough boundaries just given.

This branch is named for the town of Kayenta, Arizona, in the vicinity of which the first known pottery representative of this branch was found.

The paint on all the Black-on-Whites of this series, except Bidahochi Black-on-White, is probably organic.

The evolution of design motifs is easily traced from the earliest to the latest Black-on-White potteries (about A.D. 700–1300). During this interval of about six centuries, there were five distinct Black-on-White types: Kana-a, Black Mesa, Tusayan, Sagi, and Bidahochi. The designs on Bidahochi are transitional from Sagi Black-on-White to Jeddito Black-on-Orange.

Fortunately our collection includes a number of whole Kana-a Black-on-White specimens showing shapes and variations of designs never before so fully illustrated. Deserving of special attention in the Kana-a Black-on-White series are one mug and three bottles with long, narrow necks which, so far as we know, have never before been mentioned.

By examining the designs on the Kana-a and the Black Mesa Black-on-White series, it will be evident that there is a similarity between these designs and those on Red Mesa Black-on-White pottery (Chaco Branch, Plates 66–67).

We have observed that there is no clear connection, so far as designs are concerned, between Lino Black-on-Gray and Kana-a Black-on-White. Furthermore, the latter is slipped and smoothly polished, while the former never is. Yet Kana-a Black-on-White succeeds Lino Black-on-Gray in this region. Why was there no carryover? We do not know. Our guess is that the techniques of slipping, polishing, and utilization of certain designs (solids bordered by fine lines, common in Kana-a Black-on-White, White Mound Black-on-White and Red Mesa Black-on-White) came from the south and are suggestive, except for base-color and type of paint, of Mogollon Red-on-Brown pottery. Although this is only a guess, it may be worth following up some time by means of excavations.

It would seem, on a typological basis, that Sikyatki Polychrome degenerated before the advent of the Spaniards. We feel that this is true because a substantial portion of this collection represents the poor workmanship of Post-Conquest pottery, but with no trace of Spanish influence on the designs. The recent excavations of Mr. J. O. Brew at Awatovi should help to clear up this point.

It has interested us to note that the continuum of culture from ancient to modern times as reflected in the pottery of this branch is clearer than elsewhere
in our studies. We can trace the ancestry of this pottery, with scarcely a break, from modern Hopi pottery back to Kana-a Black-on-White—an interval of approximately 1,200 years. This connection between the modern Hopi Indians and their prehistoric relatives is clear in our typological studies on this series and is substantiated by the juxtaposition of modern Hopi towns, towns occupied at the time of the Pueblo Revolt (1680), and more ancient ones.

The Kayenta pottery types illustrated in this publication are generally dated as follows:

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<thead>
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<td>Bidahochi Black-on-White... 1325–1400</td>
</tr>
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<td>Tusayan Black-on-White... 1100–1275</td>
<td>Jeddito Black-on-Orange... 1200–1300</td>
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<td>Tusayan Black-on-Red... 850–1125</td>
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<td>* And copies made at present.</td>
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PLATE 2: KANA-A BLACK-ON-WHITE

Kayenta Branch

Figure 1: No. 80063

Description: Bottle; lug handles perforated vertically.
Dimension: Greatest height, 14 cm.
Provenience: Chukubi (one mile northeast of Shipaulovi), Arizona.

Figure 2: No. 66685

Description: Pitcher; lateral flattening.
Dimension: Greatest height, 14.2 cm.
Provenience: Near Blue Canyon, Arizona.

Figure 3: No. 75110

Description: Seed jar; lug handles perforated vertically. Unusually thin walls.
Dimension: Greatest height, including handles, 20.1 cm.
Provenience: North of Holbrook, Arizona.

Figure 4: No. 66632

Description: Bottle; lug handles perforated vertically.
Dimension: Greatest height, 21.2 cm.
Provenience: Near Oraibi, Arizona.

Figure 5: No. 66633

Description: Pitcher; handle missing.
Dimension: Greatest height, 17.1 cm.
Provenience: Shungopovi, Arizona.
Figure 1: No. 81557
Description: Gourd-shaped vessel.
Dimension: Greatest height, 15.6 cm.
Provenience: Chaco Canyon, New Mexico.

Figure 2: No. 81854
Description: Pitcher; flat-bottomed.
Dimension: Greatest height, 12 cm.
Provenience: Chaco Canyon, New Mexico.

Figure 3: No. 75109
Description: Mug; flat-bottomed. Glossy white finish.
Dimension: Greatest height, including handle, 7.9 cm.
Provenience: Two miles north of Holbrook, Arizona.

Figure 4: No. 66688
Description: Jar; egg-shaped. Another specimen of Kana-a Black-on-White in our collection has a similar shape but with vertical sides and flattish base.
Dimension: Greatest height, 10.6 cm.
Provenience: Ruins near Shipaulovi, Arizona.

Figure 5: No. 66674
Description: Pitcher; dull gray finish.
Dimension: Greatest height, 19.2 cm.
Provenience: Near Blue Canyon, Arizona.

Figure 6: No. 21107
Description: Bottle; lug-handles perforated vertically.
Dimension: Greatest height, 22.2 cm.
Provenience: Hopi country, Arizona.
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6
PLATE 4: KANA-A BLACK-ON-WHITE

Kayenta Branch

Figure 1: No. 66700
Description: Bowl; the only one in the collection of this type with exterior decoration.
Dimension: Greatest diameter, 21.6 cm.
Provenience: Near Mishongnovi, Arizona.

Figure 2: No. 66644
Description: Bowl; vertical handle.
Dimension: Greatest diameter, excluding handle, 17.8 cm.
Provenience: Three miles northeast of Oraibi, Arizona.

Figure 3: No. 74670
Description: Pitcher; double-ribbed handle.
Dimension: Greatest height, 10.2 cm.
Provenience: Bidahochi, Arizona.

Figure 4: No. 74683
Description: Bowl; bright white finish on interior, Fugitive Red on exterior.
Dimension: Greatest diameter, 17.7 cm.
Provenience: Bidahochi, Arizona.

Figure 5: No. 81388
Description: Pitcher; duck-effigy shape. Type uncertain.
Dimension: Greatest height, 11.7 cm.
Provenience: Kishuba, Arizona.

Figure 6: No. 21429
Description: Bowl; very crude, but has carbon paint. Type uncertain.
Dimension: Greatest diameter, 19.5 cm.
Provenience: Uncertain.

Figure 7: No. 21053
Description: Bowl; very crude, but has carbon paint. Type uncertain.
Dimension: Greatest diameter, 18.8 cm.
Provenience: Hopi country, Arizona.

Figure 8: No. 81074
Description: Bowl; unusually thick walls. Type uncertain.
Dimension: Greatest diameter, 17.5 cm.
Provenience: Old Walpi, Arizona.
1 2 3 4 5 6 7 8
PLATE 5: BLACK MESA BLACK-ON-WHITE

Kayenta Branch

**Figure 1**: No. 66641
*Description*: Pitcher; glossy finish.
*Dimension*: Greatest height, 12.6 cm.
*Provenience*: Oraibi, Arizona.

**Figure 2**: No. 81928
*Description*: Pitcher. Type uncertain.
*Dimension*: Greatest height, 9.4 cm.
*Provenience*: Lower Little Colorado River(?), Arizona.

**Figure 3**: No. 66643
*Description*: Pitcher. Type uncertain.
*Dimension*: Greatest height, 13.1 cm.
*Provenience*: Three miles northeast of Oraibi, Arizona.

**Figure 4**: No. 44218
*Description*: Seed jar; two pairs of perforations in rim for carrying-cord.
*Dimension*: Greatest height, 10.7 cm.
*Provenience*: Hopi country, Arizona.

**Figure 5**: No. 66696
*Description*: Seed Jar.
*Dimension*: Greatest height, 11.6 cm.
*Provenience*: One mile south of Payupki, Arizona.

**Figure 6**: No. 82007
*Description*: Seed jar.
*Dimension*: Greatest height, 9.9 cm.
*Provenience*: Little Colorado Valley, probably below Winslow, Arizona.

**Figure 7**: No. 74573
*Description*: Pitcher; body nearly globular.
*Dimension*: Greatest height, 13.7 cm.
*Provenience*: Ojo Caliente, New Mexico.

**Figure 8**: No. 66681
*Description*: Pitcher; unusual low-bulging shape.
*Dimension*: Greatest height, 13.9 cm.
*Provenience*: Just south of Mishongnovi, Arizona.

**Figure 9**: No. 72908
*Description*: Pitcher.
*Dimension*: Greatest height, 13.3 cm.
*Provenience*: Homolovi (No. 1), Arizona.
PLATE 6: BLACK MESA BLACK-ON-WHITE

Kayenta Branch

Figure 1: No. 82036
Description: Bowl; steep sided.
Dimension: Greatest diameter, 14.2 cm.
Provenience: Little Colorado Valley, probably below Winslow, Arizona.

Figure 2: No. 75240
Description: Bowl.
Dimension: Greatest diameter, 19.2 cm.
Provenience: Sikyatki, Arizona.

Figure 3: No. 74143
Description: Bowl.
Dimension: Greatest diameter, 14.8 cm.
Provenience: San Cosmos, Arizona.

Figure 4: No. 66682
Description: Bowl.
Dimension: Greatest diameter, 17.3 cm.
Provenience: Just south of Mishongnovi, Arizona.

Figure 5: No. 81544
Description: Bowl; warped.
Dimension: Greatest diameter, 25.2 cm.
Provenience: Chaco Canyon, New Mexico.

Figure 6: No. 81817
Description: Bowl; very shiny paint.
Dimension: Greatest diameter, 16.8 cm.
Provenience: Chaco Canyon, New Mexico.

Figure 7: No. 82034
Description: Bowl; paint polished to gray.
Dimension: Greatest diameter, 18.2 cm.
Provenience: Little Colorado Valley, probably below Winslow, Arizona.

Figure 8: No. 74786
Description: Bowl; warped even more than shown in photograph.
Dimension: Greatest diameter, 27.3 cm.
Provenience: X Ranch, Arizona.

Figure 9: No. 75241
Description: Bowl.
Dimension: Greatest diameter, 20.1 cm.
Provenience: Sikyatki, Arizona.
PLATE 7: BLACK MESA BLACK-ON-WHITE

Kayenta Branch

FIGURE 1: No. 82035
Description: Bowl; bright white finish.
Dimension: Greatest diameter, 15.5 cm.
Provenience: Little Colorado Valley, probably below Winslow, Arizona.

FIGURE 2: No. 81552
Description: Bowl; flat rim, design, and diagonal hachure of the Chaco, but carbon paint of the Kayenta. Type uncertain.
Dimension: Greatest diameter, 20.2 cm.
Provenience: Chaco Canyon, New Mexico.

FIGURE 3: No. 81630
Description: Bowl; paint has a blue cast.
Dimension: Greatest diameter, 15.7 cm.
Provenience: Navajo Canyon, Arizona.

FIGURE 4: No. 81984
Description: Bowl; very rough finish. Note double-loop horizontal handle.
Dimension: Greatest diameter, excluding handle, 13.2 cm.
Provenience: Lower Little Colorado River(?), Arizona.

FIGURE 5: No. 81303
Description: Bowl; unusual in-curving rim.
Dimension: Greatest diameter, 14.8 cm.
Provenience: Kishuba, Arizona.

FIGURE 6: No. 82026
Description: Bowl; vertical handle.
Dimension: Greatest diameter, excluding handle, 12.9 cm.
Provenience: Little Colorado Valley, probably below Winslow, Arizona.

FIGURE 7: No. 81816
Description: Bowl; very smooth interior finish.
Dimension: Greatest diameter, 16.6 cm.
Provenience: Chaco Canyon, New Mexico.

FIGURE 8: No. 81996
Description: Bowl.
Dimension: Greatest diameter, 20.5 cm.
Provenience: Lower Little Colorado(?), Arizona.

FIGURE 9: No. 81065
Description: Bowl; thick, clear slip. Thickness of slip can easily be seen where it has flaked away from the hole.
Dimension: Greatest diameter, 18 cm.
Provenience: Old Walpi, Arizona.
PLATE 8: BLACK MESA BLACK-ON-WHITE
Kayenta Branch

Figure 1: No. 74666
Description: Jar; wide-mouthed. Two pairs of holes in rim for carrying-cord.
Dimension: Greatest height, 8.6 cm.
Provenience: Bidahochi, Arizona.

Figure 2: No. 81373
Description: Mug; similar to later mugs of Mesa Verde.
Dimension: Greatest height, 5.5 cm.
Provenience: Oraibi Wash, Arizona.

Figure 3: No. 81973
Description: Seed jar; miniature.
Dimension: Greatest height, 4.8 cm.
Provenience: Lower Little Colorado(?), Arizona.

Figure 4: No. 81326
Description: Colander. This is early for this shape.
Dimension: Greatest height, 6.8 cm.
Provenience: Kishuba, Arizona.

Figure 5: No. 21060
Description: Bowl; very faint paint. Type uncertain.
Dimension: Greatest diameter, 24.6 cm.
Provenience: Hopi country, Arizona.

Figure 6: No. 21069
Description: Bowl. Type uncertain.
Dimension: Greatest diameter, 23.1 cm.
Provenience: Hopi country, Arizona.

Figure 7: No. 66630
Description: Ladle; handle missing.
Dimension: Greatest diameter of bowl, 13 cm.
Provenience: Twenty miles south of Canyon Diablo, Arizona.

Figure 8: No. 66648
Description: Ladle; vertical loop on top of handle.
Dimension: Greatest length, 17.3 cm.
Provenience: Three and one-half miles east of Oraibi, Arizona.

Figure 9: No. 74712
Description: Scoop; very thin pottery. Exterior design similar to interior.
Dimension: Greatest length, 15 cm.
Provenience: Bidahochi, Arizona.

Figure 10: No. 82019
Description: Ladle; end of handle missing.
Dimension: Greatest diameter of bowl, 8.5 cm.
Provenience: Little Colorado Valley, probably below Winslow, Arizona.
PLATE 9: BLACK MESA BLACK-ON-WHITE

Kayenta Branch

Figure 1: No. 21791
Description: Large olla.
Dimension: Greatest height, 45.7 cm.
Provenience: Hopi country, Arizona.

Figure 2: No. 66658
Description: Large olla.
Dimension: Greatest height, 49.9 cm.
Provenience: Oraibi, Arizona.
PLATE 10: TUSAYAN BLACK-ON-WHITE

Kayenta Branch

FIGURE 1: No. 111617
Description: Canteen; one handle missing. Concave base.
Dimension: Greatest height, 15.7 cm.
Provenience: Unknown, probably northeastern Arizona.

FIGURE 2: No. 81936
Description: Pitcher.
Dimension: Greatest height, 13.3 cm.
Provenience: Lower Little Colorado River(?), Arizona.

FIGURE 3: No. 81940
Description: Bowl; typical Tusayan design on interior, equally typical Black Mesa design on exterior.
Dimension: Greatest diameter, 14.5 cm.
Provenience: Lower Little Colorado River(?), Arizona.

FIGURE 4: No. 72965
Description: Jar.
Dimension: Greatest diameter, 23.4 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 5: No. 81932
Description: Bowl. Type uncertain.
Dimension: Greatest diameter, 17.4 cm.
Provenience: Lower Little Colorado River(?), Arizona.

FIGURE 6: No. 81966
Description: Bowl; unusually graceful shape.
Dimension: Greatest diameter, 23.7 cm.
Provenience: Lower Little Colorado River(?), Arizona.

FIGURE 7: No. 81976
Description: Bowl; very deep.
Dimension: Greatest diameter, 23.5 cm.
Provenience: Lower Little Colorado River(?), Arizona.
PLATE 11: TUSAYAN BLACK-ON-WHITE

Kayenta Branch

Figure 1: No. 82014
Description: Pitcher.
Dimension: Greatest height, 11.4 cm.
Provenience: Little Colorado Valley, probably below Winslow, Arizona.

Figure 2: No. 81993
Description: Miniature pitcher.
Dimension: Greatest height, 7.1 cm.
Provenience: Lower Little Colorado River(?), Arizona.

Figure 3: No. 73950
Description: Pitcher.
Dimension: Greatest height, 12.6 cm.
Provenience: San Cosmo, Arizona.

Figure 4: No. 81972
Description: Ladle; hollow handle.
Dimension: Greatest length, 27.2 cm.
Provenience: Lower Little Colorado River(?), Arizona.

Figure 5: No. 81981
Description: Ladle; note exterior decoration.
Dimension: Greatest diameter of bowl, 9.8 cm.
Provenience: Lower Little Colorado River(?), Arizona.

Figure 6: No. 81401
Description: Ladle; white slip on coiled exterior. Type uncertain.
Dimension: Greatest diameter of bowl, 11.1 cm.
Provenience: Kishuba, Arizona.

Figure 7: No. 66693
Description: Ladle; unusual handle.
Dimension: Greatest length, 25.6 cm.
Provenience: Forty miles north of Oraibi, Arizona.

Figure 8: No. 81968
Description: Bowl; very deep.
Dimension: Greatest diameter, 23.7 cm.
Provenience: Lower Little Colorado River(?), Arizona.

Figure 9: No. 82002
Description: Bowl.
Dimension: Greatest diameter, 25.6 cm.
Provenience: Lower Little Colorado River(?), Arizona.
PLATE 12: TUSAYAN BLACK-ON-WHITE
Kayenta Branch

Figure 1: No. 81690
  Description: Pitcher. Type uncertain.
  Dimension: Height, 11 cm.
  Provenience: Twenty miles west of Allantown, Arizona (Fort Defiance 15:5). Exchange with Gila Pueblo.

Figure 2: 80777
  Description: Canteen; glossy finish. Type uncertain.
  Dimension: Height, 12.8 cm.
  Provenience: Old Walpi, Arizona.

Figure 3: No. 74765
  Description: Pitcher. Type uncertain.
  Dimension: Height, 9.6 cm.
  Provenience: X Ranch, Arizona.

Figure 4: No. 21062
  Description: Bowl. Type uncertain.
  Dimension: Greatest diameter, excluding handle, 17.6 cm.
  Provenience: Hopi country, Arizona.

Figure 5: No. 81516
  Description: Ladle. Type uncertain.
  Dimension: Length, 16.5 cm.
  Provenience: Chaco Canyon, New Mexico.

Figure 6: No. 81964
  Description: Bowl. Type uncertain.
  Dimension: Greatest diameter, 20.1 cm.
  Provenience: Lower Little Colorado River(?), Arizona.

Figure 7: No. 72027
  Description: Bowl. Type uncertain.
  Dimension: Greatest diameter, 24.3 cm.
  Provenience: Homolovi (No. 2), Arizona.

Figure 8: No. 81945
  Description: Seed jar. Type uncertain.
  Dimension: Height, 19.4 cm.
  Provenience: Lower Little Colorado River(?), Arizona.

All the above specimens are marked "Type uncertain" because they seem to be transition pieces. Figures 1, 6, 7, and 8 show relationship with the earlier Black Mesa Black-on-White, while Figures 2, 3, 4, and 5 foretell some of the later designs on Sagi Black-on-White.
PLATE 13: LARGE OLLAS

Kayenta Branch

Figure 1: No. 75101

Description: Tusayan Black-on-White olla.
Dimension: Greatest height, 39.3 cm.
Provenience: Hopi Buttes, Arizona.

Figure 2: No. 21111

Description: Sagi Black-on-White olla. For main representation of this type, see Plates 16-19.
Dimension: Greatest height, 39.6 cm.
Provenience: Hopi country, Arizona.
PLATE 14: TUSAYAN BLACK-ON-RED

Kayenta Branch

**Figure 1:** No. 81956

*Description:* Ladle; unslipped base and only upper surface of handle slipped.

*Dimension:* Greatest length, 28.9 cm.

*Provenience:* Lower Little Colorado River(?), Arizona.

**Figure 2:** No. 81071

*Description:* Bowl; unslipped base.

*Dimension:* Greatest diameter, 20.5 cm.

*Provenience:* Old Walpi, Arizona.

**Figure 3:** No. 81980

*Description:* Ladle; unslipped base.

*Dimension:* Greatest diameter of bowl, 10.7 cm.

*Provenience:* Lower Little Colorado River(?), Arizona.

**Figure 4:** No. 66772

*Description:* Seed jar; concave base too worn to show presence of slip.

*Dimension:* Greatest height, 8.3 cm.

*Provenience:* Oraibi, Arizona.

**Figure 5:** No. 66781

*Description:* Colander; unslipped base.

*Dimension:* Greatest diameter, 14.1 cm.

*Provenience:* Four miles west of Oraibi, Arizona.

**Figure 6:** No. 80953

*Description:* Canteen; two lug handles perforated vertically.

*Dimension:* Greatest height, 14.3 cm.

*Provenience:* Old Walpi, Arizona.

**Figure 7:** No. 81532

*Description:* Bowl; unslipped base.

*Dimension:* Greatest diameter, 23.3 cm.

*Provenience:* Chaco Canyon, New Mexico.
PLATE 15: EARLY POLYCHROMES

Kayenta Branch

Figure 1: No. 81989
Description: Bowl; Tusayan Polychrome. Wide red stripe on exterior. Horizontal loop handle.
Dimension: Greatest diameter, excluding handle, 15.5 cm.
Provenience: Lower Little Colorado River(?), Arizona.

Figure 2: No. 81995
Description: Bowl; Tusayan Polychrome. Red slip on exterior extends 11 cm. below rim.
Dimension: Greatest diameter, 21.1 cm.
Provenience: Lower Little Colorado River(?), Arizona.

Figure 3: No. 81385
Description: Bowl; Kayenta Polychrome. Very faint white outlines on interior, wide stripe of red slip on exterior, just below rim. Horizontal loop handle.
Dimension: Greatest diameter, excluding handle, 16.9 cm.
Provenience: Kishuba, Arizona.

Figure 4: No. 74733
Description: Mug; Kiet Siel Polychrome. Slip covers base.
Dimension: Greatest height, 8.6 cm.
Provenience: X Ranch, Arizona.

Figure 5: No. 81330
Description: Bowl; Kayenta Polychrome. White outlines for interior design, wide band of red slip on exterior.
Dimension: Greatest diameter, excluding handle, 26.7 cm.
Provenience: Kishuba, Arizona.

Figure 6: No. 81325
Description: Mug; Kiet Siel Polychrome. Red slip terminates with black design.
Dimension: Greatest height, 8.3 cm.
Provenience: Kishuba, Arizona.

Figure 7: No. 66754
Description: Bowl; Tusayan Polychrome. Base unslipped.
Dimension: Greatest diameter, excluding handle, 14.8 cm.
Provenience: Blue Canyon, Arizona.

Figure 8: No. 81420
Description: Jar; Kiet Siel Polychrome. Base unslipped.
Dimension: Greatest height, 17.6 cm.
Provenience: Oraibi Wash, Arizona.

Figure 9: No. 75133
Description: Bowl; Kiet Siel Polychrome. Base unslipped.
Dimension: Greatest diameter, 17.3 cm.
Provenience: Mesa Redonda, Arizona.
PLATE 16: SAGI BLACK-ON-WHITE

Kayenta Branch

Figure 1: No. 74522
Description: Bowl; vertical handle.
Dimension: Greatest diameter, excluding handle, 14.2 cm.
Provenience: Ojo Caliente, New Mexico.

Figure 2: No. 81845
Description: Bowl; horizontal handle.
Dimension: Greatest diameter, excluding handle, 15.1 cm.

Figure 3: No. 66626
Description: Bowl; horizontal handle.
Dimension: Greatest diameter, excluding handle, 17.8 cm.
Provenience: Small ruin about five miles southeast of Oraibi, Arizona.

Figure 4: No. 82004
Description: Bowl; horizontal handle. Unusual shape.
Dimension: Greatest diameter, excluding handle, 17.1 cm.
Provenience: Little Colorado Valley, probably below Winslow, Arizona.

Figure 5: No. 72500
Description: Bowl; horizontal handle.
Dimension: Greatest diameter, excluding handle, 25.6 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 6: No. 74791
Description: Bowl; horizontal handle.
Dimension: Greatest diameter, excluding handle, 22.1 cm.
Provenience: X Ranch, Arizona.
PLATE 17: SAGI BLACK-ON-WHITE
Kayenta Branch

Figure 1: No. 81342
Description: Canteen; two loop handles.
Dimension: Greatest height, 16.0 cm.
Provenience: Oraibi Wash, Arizona.

Figure 2: No. 81946
Description: Pitcher. Type uncertain.
Dimension: Greatest height, 18.1 cm.
Provenience: Lower Little Colorado River(?), Arizona.

Figure 3: No. 81304
Description: Mug; four knobs, each decorated with spirals.
Dimension: Greatest height, 11.7 cm.
Provenience: Kishuba, Arizona.

Figure 4: No. 81538
Description: Seed jar; very flat top.
Dimension: Greatest height, 16.5 cm.
Provenience: Chaco Canyon, New Mexico.

Figure 5: No. 81370
Description: Mug.
Dimension: Greatest height, 9.9 cm.
Provenience: Oraibi Wash, Arizona.

Figure 6: No. 72949
Description: Jar; slightly flaring neck.
Dimension: Greatest height, 16.6 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 7: No. 81826
Description: Jar; unusual horizontal flattening of shoulder.
Dimension: Greatest height, 15.6 cm.
Provenience: Chaco Canyon, New Mexico.
PLATE 18: SAGI BLACK-ON-WHITE

_Kayenta Branch_

FIGURE 1: No. 74440

_Description:_ Bowl.
_Description:_ Greatest diameter, 20.2 cm.
_Provenience:_ Ojo Caliente, New Mexico.

FIGURE 2: No. 81931

_Description:_ Bowl.
_Description:_ Greatest diameter, 20.5 cm.
_Provenience:_ Lower Little Colorado River(?), Arizona.

FIGURE 3: No. 81925

_Description:_ Bowl.
_Description:_ Greatest diameter, 24.3 cm.
_Provenience:_ Lower Little Colorado River(?), Arizona.

FIGURE 4: No. 82033

_Description:_ Bowl; flared rim.
_Description:_ Greatest diameter, 24.1 cm.
_Provenience:_ Little Colorado Valley, probably below Winslow, Arizona.

FIGURE 5: No. 74792

_Description:_ Bowl.
_Description:_ Greatest diameter, 26.7 cm.
_Provenience:_ X Ranch, Arizona.

FIGURE 6: No. 81531

_Description:_ Bowl. Type uncertain.
_Description:_ Greatest diameter, 25.6 cm.
_Provenience:_ Chaco Canyon, New Mexico.
PLATE 19: SAGI BLACK-ON-WHITE
Kayenta Branch

Figure 1: No. 73471
Description: Large cup; plain interior. Type uncertain.
Dimension: Greatest height, 9.9 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 2: No. 80771
Description: Eccentrically shaped vessel; hollow, with circular opening on flat upper side; two loop handles on bottom.
Dimension: Greatest length, 29.7 cm.
Provenience: Old Walpi, Arizona.

Figure 3: No. 66684
Description: Tiny pitcher.
Dimension: Greatest height, 9.5 cm.
Provenience: Hopi country, Arizona.

Figure 4: No. 81305
Description: Miniature ladle.
Dimension: Greatest bowl diameter, 6.8 cm.
Provenience: Kishuba, Arizona.

Figure 5: No. 81382
Description: Ladle.
Dimension: Greatest bowl diameter, 13.6 cm.
Provenience: Kishuba, Arizona.

Figure 6: No. 81309
Description: Ladle.
Dimension: Greatest length, 13.1 cm.
Provenience: Kishuba, Arizona.

Figure 7: No. 74767
Description: Miniature tri-lobed pitcher.
Dimension: Greatest height, 6.6 cm.
Provenience: X Ranch, Arizona.

Figure 8: No. 44217
Description: Ladle made from sherd (cf. design, Plate 18, Fig. 6). Type uncertain.
Dimension: Greatest width of bowl, 13.3 cm.
Provenience: Hopi country, Arizona.

Figure 9: No. 73434
Description: Bowl of unusual shape. Black Mesa Black-on-White design on exterior.
Type uncertain.
Dimension: Greatest diameter, 19.3 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 10: No. 21054
Description: Ladle.
Dimension: Greatest length, 18 cm.
Provenience: Hopi country, Arizona.
PLATE 20: BIDAHOCHI BLACK-ON-WHITE

Kayenta Branch

Figure 1: No. 72944

Description: Jar; very flat shoulder.
Dimension: Greatest height, 11.5 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 2: No. 72956

Description: Jar; four corners.
Dimension: Greatest height, 13.2 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 3: No. 72878

Description: Pitcher.
Dimension: Greatest height, 10.4 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 4: No. 72955

Description: Jar.
Dimension: Greatest height, 12 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 5: No. 72875

Description: Mug; handle missing.
Dimension: Greatest height, 9 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 6: No. 72958

Description: Jar.
Dimension: Greatest height, 12.3 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 7: No. 72939

Description: Jar.
Dimension: Greatest height, 11.9 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 8: No. 74673

Description: Mug.
Dimension: Greatest height, 8.7 cm.
Provenience: Bidahochi, Arizona.

Figure 9: No. 72942

Description: Jar.
Dimension: Greatest height, 11.9 cm.
Provenience: Homolovi (No. 1), Arizona.
PLATE 21: BIDAHOCI BLACK-ON-WHITE

Kayenta Branch

FIGURE 1: No. 72941
Description: Jar.
Dimension: Greatest height, 12.2 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 2: No. 72952
Description: Jar.
Dimension: Greatest height, 11.5 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 3: No. 72943
Description: Jar. Type uncertain.
Dimension: Greatest height, 14.9 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 4: No. 72948
Description: Jar.
Dimension: Greatest height, 14.8 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 5: No. 72947
Description: Jar.
Dimension: Greatest height, 15.8 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 6: No. 72954
Description: Jar; rich brown paint.
Dimension: Greatest height, 14.5 cm.
Provenience: Homolovi (No. 1), Arizona.
PLATE 22: BIDAHOCI BLACK-ON-WHITE
Kayenta Branch

FIGURE 1: No. 72748
Description: Bowl.
Dimension: Greatest diameter, 19.9 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 2: No. 72482
Description: Bowl.
Dimension: Greatest diameter, 15.6 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 3: No. 72706
Description: Bowl.
Dimension: Greatest diameter, 18.2 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 4: No. 72452
Description: Bowl; unusual exterior design.
Dimension: Greatest diameter, 22.1 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 5: No. 74775
Description: Bowl. Type uncertain.
Dimension: Greatest diameter, 13.7 cm.
Provenience: X Ranch, Arizona.

FIGURE 6: No. 72184
Description: Bowl.
Dimension: Greatest diameter, 24.6 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 7: No. 72593
Description: Bowl; warped.
Dimension: Greatest diameter, 22.2 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 8: No. 72172
Description: Bowl.
Dimension: Greatest diameter, 14.8 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 9: No. 72677
Description: Bowl.
Dimension: Greatest diameter, 24.1 cm.
Provenience: Homolovi (No. 1), Arizona.
PLATE 23: BIDAHOCI BLACK-ON-WHITE

Kayenta Branch

FIGURE 1: No. 72679
Description: Incurved bowl; plain, polished interior.
Dimension: Greatest diameter, 12 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 2: No. 72966
Description: Seed jar; reddish-brown paint.
Dimension: Greatest height, 10.7 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 3: No. 72881
Description: Cup; flat-bottomed.
Dimension: Greatest height, 5 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 4: No. 72397
Description: Ladle.
Dimension: Greatest diameter of bowl, 11.5 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 5: No. 81422
Description: Ladle.
Dimension: Greatest length, 24.3 cm.
Provenience: Oraibi Wash, Arizona.

FIGURE 6: No. 72401
Description: Ladle; handle perforated horizontally.
Dimension: Greatest length, 17 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 7: No. 73435
Description: Ladle.
Dimension: Greatest diameter of bowl, 12.3 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 8: No. 74710
Description: Cup; vertical loop handle missing. Exterior design.
Dimension: Greatest diameter of bowl, 12.5 cm.
Provenience: Bidahochi, Arizona.

FIGURE 9: No. 72802
Description: Cup; vertical loop handle.
Dimension: Greatest diameter of bowl, 15.1 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 10: No. 72885
Description: Cup; vertical loop handle.
Dimension: Greatest diameter of bowl, 9.8 cm.
Provenience: Homolovi (No. 1), Arizona.
PLATE 24: JEDDITO BLACK-ON-ORANGE

Kayenta Branch

Figure 1: No. 73039
Description: Jar.
Dimension: Greatest height, 12.7 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 2: No. 73043
Description: Jar.
Dimension: Greatest height, 13.6 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 3: No. 73045
Description: Jar (cf. design with Tusayan Black-on-White, Plate 10, Fig. 4).
Dimension: Greatest height, 14.3 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 4: No. 73024
Description: Jar.
Dimension: Greatest height, 14.4 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 5: No. 73017
Description: Jar.
Dimension: Greatest height, 15.9 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 6: No. 73044
Description: Jar.
Dimension: Greatest height, 16.3 cm.
Provenience: Homolovi (No. 1), Arizona.
PLATE 25: JEDDITO BLACK-ON-ORANGE

Kayenta Branch

Figure 1: No. 72212
Description: Bowl; running broad line design on exterior.
Dimension: Greatest diameter, 23.1 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 2: No. 72652
Description: Bowl.
Dimension: Greatest diameter, 24.2 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 3: No. 72559
Description: Bowl.
Dimension: Greatest diameter, 25.6 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 4: No. 72594
Description: Bowl.
Dimension: Greatest diameter, 26.2 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 5: No. 72433
Description: Bowl.
Dimension: Greatest diameter, 26 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 6: No. 72479
Description: Bowl; single unit of opposed solid and hatched triangles on exterior (not shown).
Dimension: Greatest diameter, 28.4 cm.
Provenience: Homolovi (No. 1), Arizona.
PLATE 26: JEDDITO BLACK-ON-ORANGE

Kayenta Branch

FIGURE 1: No. 72718
Description: Bowl; six broad diagonal stripes on exterior.
Dimension: Greatest diameter, 23.9 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 2: No. 72521
Description: Bowl.
Dimension: Greatest diameter, 23.2 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 3: No. 72183
Description: Bowl; two broken lifelines on interior.
Dimension: Greatest diameter, 20.5 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 4: No. 75616
Description: Bowl. Note beveled, ticked rim.
Dimension: Greatest diameter, 15.4 cm.
Provenience: Mishongnovi, Arizona.

FIGURE 5: No. 72150
Description: Bowl; two broken lifelines.
Dimension: Greatest diameter, 19 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 6: No. 72715
Description: Bowl.
Dimension: Greatest diameter, 23.1 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 7: No. 72511
Description: Bowl.
Dimension: Greatest diameter, 24.3 cm.
Provenience: Homolovi (No. 1), Arizona.
PLATE 27: JEDDITO BLACK-ON-ORANGE
Kayenta Branch

FIGURE 1: No. 73078
Description: Jar.
Dimension: Greatest height, 14 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 2: No. 73071
Description: Jar.
Dimension: Greatest height, 12.2 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 3: No. 73018
Description: Jar.
Dimension: Greatest height, 14.8 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 4: No. 74663
Description: Jar.
Dimension: Greatest height, 15.2 cm.
Provenience: Bidahochi, Arizona.

FIGURE 5: No. 73046
Description: Jar.
Dimension: Greatest height, 16.8 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 6: No. 73080
Description: Jar.
Dimension: Greatest height, 15.3 cm.
Provenience: Homolovi (No. 1), Arizona.
PLATE 28: JEDDITO BLACK-ON-ORANGE

Kayenta Branch

Figure 1: No. 72796
Description: Pitcher; small, with effigy handle.
Dimension: Greatest height, including handle, 9.8 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 2: No. 74658
Description: Seed jar.
Dimension: Greatest height, 8.6 cm.
Provenience: Bidahochi, Arizona.

Figure 3: No. 72563
Description: Turkey effigy; decorated on top surface.
Dimension: Greatest length, from breast to tail, 14.1 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 4: No. 72806
Description: Cup; no exterior decoration.
Dimension: Greatest diameter of bowl, excluding handle, 14.2 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 5: No. 72427
Description: Ladle.
Dimension: Greatest diameter of bowl, 13.2 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 6: No. 72365
Description: Ladle.
Dimension: Greatest diameter of bowl, 13.1 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 7: No. 72798
Description: Cup; no interior decoration.
Dimension: Greatest diameter of bowl, excluding handle, 14 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 8: No. 72784
Description: Mug.
Dimension: Greatest height, 6.3 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 9: No. 72851
Description: Pitcher, small.
Dimension: Greatest height, 9 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 10: No. 74703
Description: Pitcher; small.
Dimension: Greatest height, 10.2 cm.
Provenience: Bidahochi, Arizona.

Figure 11: No. 72897
Description: Mug. Note Tusayan type of design.
Dimension: Greatest height, 7 cm.
Provenience: Homolovi (No. 1), Arizona.
PLATE 29: JEDDITO BLACK-ON-ORANGE

Kayenta Branch

Figure 1: No. 72251

Description: Bowl.
Dimension: Greatest diameter, 18.8 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 2: No. 72282

Description: Bowl.
Dimension: Greatest diameter, 17.3 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 3: No. 72671

Description: Bowl.
Dimension: Greatest diameter, 18.8 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 4: No. 72263

Description: Large jar; neck missing.
Dimension: Greatest height, 19 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 5: No. 72633

Description: Bowl.
Dimension: Greatest diameter, 22.6 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 6: No. 73027

Description: Jar; unusual shape.
Dimension: Greatest height, 12.9 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 7: No. 72182

Description: Bowl; simple exterior design of terraces.
Dimension: Greatest diameter, 21.7 cm.
Provenience: Homolovi (No. 1), Arizona.
PLATE 30: JEDDITO BLACK-ON-YELLOW

Kayenta Branch

Figure 1: No. 72064
Description: Jar; very large.
Dimension: Greatest height, 27.7 cm.
Provenience: Homolovi (No. 2), Arizona.

Figure 2: No. 73547
Description: Jar; very large.
Dimension: Greatest height, 24.2 cm.
Provenience: Homolovi (No. 2), Arizona.

Figure 3: No. 72261
Description: Jar; very large.
Dimension: Greatest height, 26 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 4: No. 21201
Description: Jar; very large.
Dimension: Greatest height, 28.7 cm.
Provenience: Hopi country, Arizona.
PLATE 31: JEDDITO BLACK-ON-YELLOW

Kayenta Branch

Figure 1: No. 73538
Description: Bowl.
Dimension: Greatest diameter, 21.4 cm.
Provenience: Homolovi (No. 2), Arizona.

Figure 2: No. 80844
Description: Jar.
Dimension: Greatest height, 13.5 cm.
Provenience: Old Walpi, Arizona.

Figure 3: No. 81189
Description: Bowl.
Dimension: Greatest diameter, 20.6 cm.
Provenience: Old Walpi, Arizona.

Figure 4: No. 73124
Description: Jar.
Dimension: Greatest height, 10.2 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 5: No. 72516
Description: Bowl.
Dimension: Greatest diameter, 22.2 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 6: No. 73057
Description: Jar.
Dimension: Greatest height, 11.9 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 7: No. 75559
Description: Bowl.
Dimension: Greatest diameter, 21.1 cm.
Provenience: Mishongnovi, Arizona.

Figure 8: No. 80686
Description: Jar.
Dimension: Greatest height, 9.9 cm.
Provenience: Old Walpi, Arizona.

Figure 9: No. 72524
Description: Bowl.
Dimension: Greatest diameter, 21.1 cm.
Provenience: Homolovi (No. 1), Arizona.

Figs. 1–3 show use of spirals, Figs. 4–6 triangles with hooks, and Figs. 7–9 claw design.
PLATE 32: JEDDITO BLACK-ON-YELLOW
Kayenta Branch

FIGURE 1: No. 74631
Description: Bowl.
Dimension: Greatest diameter, 23.5 cm.
Provenience: Bidahochi, Arizona.

FIGURE 2: No. 80647
Description: Jar.
Dimension: Greatest height, 12.8 cm.
Provenience: Old Walpi, Arizona.

FIGURE 3: No. 72661
Description: Bowl.
Dimension: Greatest diameter, 21.8 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 4: No. 74687
Description: Mug.
Dimension: Greatest height, 7.9 cm.
Provenience: Bidahochi, Arizona.

FIGURE 5: No. 80779
Description: Bowl.
Dimension: Greatest diameter, 20.7 cm.
Provenience: Mishongnovi, Arizona.

FIGURE 6: No. 74692
Description: Mug.
Dimension: Greatest height, 8.1 cm.
Provenience: Bidahochi, Arizona.

FIGURE 7: No. 72028
Description: Bowl.
Dimension: Greatest diameter, 21.8 cm.
Provenience: Homolovi (No. 2), Arizona.

FIGURE 8: No. 52763
Description: Jar.
Dimension: Greatest height, 12.9 cm.
Provenience: Homolovi (No. 2), Arizona.

FIGURE 9: No. 72042
Description: Bowl.
Dimension: Greatest diameter, 22.3 cm.
Provenience: Homolovi (No. 2), Arizona.

Figs. 1–3 show use of large amounts of hachure, Figs. 4–6 ticked elements, and Figs. 7–9 smaller amounts of hachure as integral parts of the whole design.
PLATE 33: JEDDITO BLACK-ON-YELLOW

Kayenta Branch

Figure 1: No. 73575
Description: Bowl.
Dimension: Greatest diameter, 22.9 cm.
Provenience: Homolovi (No. 2), Arizona.

Figure 2: No. 75524
Description: Pitcher.
Dimension: Greatest height, 12.3 cm.
Provenience: Mishongnovi, Arizona.

Figure 3: No. 73577
Description: Bowl.
Dimension: Greatest diameter, 20.6 cm.
Provenience: Homolovi (No. 2), Arizona.

Figure 4: No. 73097
Description: Jar.
Dimension: Greatest height, 9.1 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 5: No. 72153
Description: Bowl.
Dimension: Greatest diameter, 25.4 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 6: No. 72779
Description: Mug; handle missing.
Dimension: Greatest height, 9 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 7: No. 72589
Description: Bowl.
Dimension: Greatest diameter, 21.5 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 8: No. 75702
Description: Jar.
Dimension: Greatest height, 10.5 cm.
Provenience: Mishongnovi, Arizona.

Figure 9: No. 72255
Description: Bowl.
Dimension: Greatest diameter, 21.3 cm.
Provenience: Homolovi (No. 1), Arizona.

All the figures on this plate represent variations in use of terraced figure, probably the most common design in the collection of this pottery-type.
PLATE 34: JEDDITO BLACK-ON-YELLOW
Kayenta Branch

FIGURE 1: No. 75539
Description: Bowl.
Dimension: Greatest diameter, 20.8 cm.
Provenience: Mishongnovi, Arizona.

FIGURE 2: No. 73062
Description: Jar.
Dimension: Greatest height, 11.2 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 3: No. 72244
Description: Bowl.
Dimension: Greatest diameter, 22.7 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 4: No. 73065
Description: Jar.
Dimension: Greatest height, 12.7 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 5: No. 72018
Description: Bowl.
Dimension: Greatest diameter, 23.9 cm.
Provenience: Homolovi (No. 2), Arizona.

FIGURE 6: No. 73543
Description: Jar.
Dimension: Greatest height, 11.5 cm.
Provenience: Homolovi (No. 2), Arizona.

FIGURE 7: No. 67175
Description: Bowl.
Dimension: Greatest diameter, 22.3 cm.
Provenience: Shungopovi, Arizona.

FIGURE 8: No. 73487
Description: Mug.
Dimension: Greatest height, 10.1 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 9: No. 73580
Description: Bowl.
Dimension: Greatest diameter, 24.8 cm.
Provenience: Homolovi (No. 2), Arizona.

Figs. 1–3 show variations of checkerboard design, Figs. 4–6 cross-hachure and basket-weave, and Figs. 7–9 squiggly hachure.
PLATE 35: JEDDITO BLACK-ON-YELLOW

Kayenta Branch

Figure 1: No. 52697
Description: Bowl.
Dimension: Greatest diameter, 20.5 cm.
Provenience: Homolovi (No. 2), Arizona.

Figure 2: No. 75275
Description: Bowl.
Dimension: Greatest diameter, 16.5 cm.
Provenience: Sikyatki, Arizona.

Figure 3: No. 75565
Description: Bowl.
Dimension: Greatest diameter, 20.3 cm.
Provenience: Mishongnovi, Arizona.

Figure 4: No. 75706
Description: Bowl.
Dimension: Greatest diameter, 21.3 cm.
Provenience: Mishongnovi, Arizona.

Figure 5: No. 73362
Description: Bowl.
Dimension: Greatest diameter, 22.1 cm.
Provenience: Chevellon, Arizona.

Figure 6: No. 72712
Description: Bowl.
Dimension: Greatest diameter, 22.4 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 7: No. 72176
Description: Bowl.
Dimension: Greatest diameter, 15.2 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 8: No. 75825
Description: Bowl.
Dimension: Greatest diameter, 21 cm.
Provenience: Mishongnovi, Arizona.

The variety of designs in this type is almost inexhaustible. Plates 35-37 illustrate a miscellany of designs.
PLATE 36: JEDDITO BLACK-ON-YELLOW

Kayenta Branch

FIGURE 1: No. 73567
Description: Bowl.
Dimension: Greatest diameter, 20.6 cm.
Provenience: Homolovi (No. 2), Arizona.

FIGURE 2: No. 80792
Description: Bowl.
Dimension: Greatest diameter, 11.5 cm.
Provenience: Old Walpi, Arizona.

FIGURE 3: No. 75494
Description: Bowl; exterior also covered with spirals.
Dimension: Greatest diameter, 18.1 cm.
Provenience: Mishongnovi, Arizona.

FIGURE 4: No. 80532
Description: Bowl.
Dimension: Greatest diameter, 21.8 cm.
Provenience: Old Walpi, Arizona.

FIGURE 5: No. 75944
Description: Bowl.
Dimension: Greatest diameter, 22.7 cm.
Provenience: Mishongnovi, Arizona.

FIGURE 6: No. 52654
Description: Bowl.
Dimension: Greatest diameter, 20.7 cm.
Provenience: Homolovi (No. 2), Arizona.

FIGURE 7: No. 52701
Description: Bowl.
Dimension: Greatest diameter, 16.5 cm.
Provenience: Homolovi (No. 2), Arizona.

FIGURE 8: No. 75414
Description: Bowl.
Dimension: Greatest diameter, 23.6 cm.
Provenience: Sikyatki, Arizona.
PLATE 37: JEDDITO BLACK-ON-YELLOW

Kayenta Branch

**Figure 1:** No. 75568

*Description:* Bowl.
*Dimension:* Greatest diameter, 19.8 cm.
*Provenience:* Mishongnovi, Arizona.

**Figure 2:** No. 75286

*Description:* Bowl.
*Dimension:* Greatest diameter, 16.2 cm.
*Provenience:* Sikyatki, Arizona.

**Figure 3:** No. 73513

*Description:* Bowl.
*Dimension:* Greatest diameter, 21.5 cm.
*Provenience:* Homolovi (No. 2), Arizona.

**Figure 4:** No. 80030

*Description:* Bowl.
*Dimension:* Greatest diameter, 20.7 cm.
*Provenience:* Chukubi (one mile northeast of Shipaulovi), Arizona.

**Figure 5:** No. 75271

*Description:* Bowl.
*Dimension:* Greatest diameter, 17.2 cm.
*Provenience:* Sikyatki, Arizona.

**Figure 6:** No. 73535

*Description:* Bowl.
*Dimension:* Greatest diameter, 21.7 cm.
*Provenience:* Homolovi (No. 2), Arizona.

**Figure 7:** No. 80033

*Description:* Bowl.
*Dimension:* Greatest diameter, 20.9 cm.
*Provenience:* Chukubi (one mile northeast of Shipaulovi), Arizona.

**Figure 8:** No. 75823

*Description:* Bowl.
*Dimension:* Greatest diameter, 15.3 cm.
*Provenience:* Mishongnovi, Arizona.

**Figure 9:** No. 52699

*Description:* Bowl.
*Dimension:* Greatest diameter, 21.5 cm.
*Provenience:* Homolovi (No. 2), Arizona.
PLATE 38: JEDDITO BLACK-ON-YELLOW

Kayenta Branch

**Figure 1:** No. 75216
*Description:* Jar.
*Dimension:* Greatest height, 15.7 cm.
*Provenience:* Sikyatki, Arizona.

**Figure 2:** No. 80648
*Description:* Jar.
*Dimension:* Greatest height, 12.2 cm.
*Provenience:* Old Walpi, Arizona.

**Figure 3:** No. 73056
*Description:* Jar.
*Dimension:* Greatest height, 13.6 cm.
*Provenience:* Homolovi (No. 1), Arizona.

**Figure 4:** No. 73015
*Description:* Jar.
*Dimension:* Greatest height, 12.5 cm.
*Provenience:* Homolovi (No. 1), Arizona.

**Figure 5:** No. 81101
*Description:* Jar.
*Dimension:* Greatest height, 14.7 cm.
*Provenience:* Old Walpi, Arizona.

**Figure 6:** No. 73068
*Description:* Jar.
*Dimension:* Greatest height, 12.3 cm.
*Provenience:* Homolovi (No. 1), Arizona.

**Figure 7:** No. 73069
*Description:* Jar.
*Dimension:* Greatest height, 12.1 cm.
*Provenience:* Homolovi (No. 1), Arizona.

**Figure 8:** No. 67231
*Description:* Jar.
*Dimension:* Greatest height, 16.2 cm.
*Provenience:* Shungopovi, Arizona.

**Figure 9:** No. 73130
*Description:* Jar.
*Dimension:* Greatest height, 10.3 cm.
*Provenience:* Homolovi (No. 1), Arizona.

Figs. 2, 5, and 8 show early appearance of later Sikyatki Polychrome jar shape. The other six specimens show survival of earlier Jeddito Black-on-Orange jar shape. Mr. J. O. Brew agrees with our opinion.
PLATE 39: JEDDITO BLACK-ON-YELLOW

Kayenta Branch

Figure 1: No. 80786
Description: Bowl; human figure painted inside.
Dimension: Greatest diameter, 23.4 cm.
Provenience: Old Walpi, Arizona.

Figure 2: No. 72318
Description: Ladle; sculptured papoose in cradle serving as handle.
Dimension: Greatest length, 15.5 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 3: No. 80061
Description: Bowl; three human(?) figures in interior.
Dimension: Greatest diameter, 23.8 cm.
Provenience: Chukubi (one mile northeast of Shipaulovi), Arizona.

Figure 4: No. 80806
Description: Bowl; human(?) figure in interior.
Dimension: Greatest diameter, 21.4 cm.
Provenience: Old Walpi, Arizona.

Figure 5: No. 80898
Description: Ladle; unpolished.
Dimension: Greatest fragmentary length, 14.6 cm.
Provenience: Old Walpi, Arizona.

Figure 6: No. 72273
Description: Bowl; human head painted inside.
Dimension: Greatest diameter, 22 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 7: No. 66731
Description: Bowl; human hand outlined by stippling. All six bowls in our collection showing hands are stippled.
Dimension: Greatest diameter, 22.7 cm.
Provenience: North of Oraibi, Arizona.

Figure 8: No. 80106
Description: Ladle; simple geometric design on interior.
Dimension: Greatest length, 18.2 cm.
Provenience: Awatovi, Arizona.

Figure 9: No. 75503
Description: Bowl; line drawing of crying human being.
Dimension: Greatest diameter, 24.2 cm.
Provenience: Mishongnovi, Arizona.
PLATE 40: JEDDITO BLACK-ON-YELLOW

Kayenta Branch

Figure 1: No. 72271
Description: Bowl; painting of lizard inside.
Dimension: Greatest diameter, 21.7 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 2: No. 67212
Description: Ladle; painting of monster.
Dimension: Greatest diameter of bowl, 9.9 cm.
Provenience: Nanapii, Arizona.

Figure 3: No. 75244
Description: Bowl; painting of bird(?).
Dimension: Greatest diameter, 22.5 cm.
Provenience: Sikyatki, Arizona.

Figure 4: No. 75781
Description: Bowl; painting of moth.
Dimension: Greatest diameter, 20.4 cm.
Provenience: Mishongnovi, Arizona.

Figure 5: No. 52686
Description: Mug; effigy handle.
Dimension: Greatest height, excluding handle, 9.9 cm.
Provenience: Homolovi (No. 2), Arizona.

Figure 6: No. 72277
Description: Bowl; painting of bird.
Dimension: Greatest diameter, 19 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 7: No. 21163
Description: Bowl; conventionalized design.
Dimension: Greatest diameter, 23.6 cm.
Provenience: Hopi country, Arizona.

Figure 8: No. 52719
Description: Bird effigy vessel.
Dimension: Greatest height, 4.9 cm.
Provenience: Homolovi (No. 2), Arizona.

Figure 9: No. 21186
Description: Bowl; conventionalized design.
Dimension: Greatest diameter, 23.7 cm.
Provenience: Hopi country, Arizona.
PLATE 41: JEDDITO BLACK-ON-YELLOW

Kayenta Branch

Figure 1: No. 21158
Description: Bowl.
Dimension: Greatest diameter, 26 cm.
Provenience: Hopi country, Arizona.

Figure 2: No. 67207
Description: Bowl.
Dimension: Greatest diameter, 25.5 cm.
Provenience: Shungopovi, Arizona.

Figure 3: No. 21154
Description: Bowl.
Dimension: Greatest diameter, 24.4 cm.
Provenience: Hopi country, Arizona.

Figure 4: No. 72284
Description: Bowl.
Dimension: Greatest diameter, 22.5 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 5: No. 67157
Description: Bowl.
Dimension: Greatest diameter, 25.7 cm.
Provenience: Sikyatki, Arizona.

Figure 6: No. 75799
Description: Bowl.
Dimension: Greatest diameter, 24.8 cm.
Provenience: Mishongnovi, Arizona.

All the bowls here shown are Jeddito Black-on-Yellow, but all have the shape which later becomes typical of Sikyatki Polychrome (see Plate 52). Mr. J. O. Brew concurs in this opinion.
PLATE 42: JEDDITO BLACK-ON-YELLOW, UNUSUAL SHAPES

Kayenta Branch

FIGURE 1: No. 72683
Description: Colander. Only one of this type in collection.
Dimension: Greatest diameter, 13.4 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 2: No. 81112
Description: Jar; originally had basket-handle(?).
Dimension: Greatest height, excluding handle stumps, 7.1 cm.
Provenience: Old Walpi, Arizona.

FIGURE 3: No. 75239
Description: Flat-bottomed mug. Two other similar mugs, one without handle, in collection.
Dimension: Greatest height, 4.5 cm.
Provenience: Sikyatki, Arizona.

FIGURE 4: No. 72765
Description: Incurved bowl; no interior decoration. Twelve others, in collection, with and without interior decoration.
Dimension: Greatest height, 7.2 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 5: No. 80989
Description: Ridged jar. Six others in collection, with variations of this treatment.
Dimension: Greatest height, 8.6 cm.
Provenience: Old Walpi, Arizona.

FIGURE 6: No. 21200
Description: Wide-mouthed jar. Seven others in collection.
Dimension: Greatest height, 10.2 cm.
Provenience: Hopi country, Arizona.

FIGURE 7: No. 80918
Description: Jar; horizontal handle. Collection includes three or four similar jars.
Dimension: Greatest height, 8.8 cm.
Provenience: Old Walpi, Arizona.

FIGURE 8: No. 80776
Description: Bowl; corrugated and painted. One jar in collection, the upper half corrugated, the lower painted.
Dimension: Greatest diameter, 12.2 cm.
Provenience: Old Walpi, Arizona.

FIGURE 9: No. 67159
Description: Bowl; square and unpolished. Two others in collection.
Dimension: Greatest height, 6.3 cm.
Provenience: Two miles south of Oraibi, Arizona.

FIGURE 10: No. 72116
Description: Ring-shaped vessel. The only one of this shape in collection.
Dimension: Greatest height, 8.1 cm.
Provenience: Homolovi (No. 2), Arizona.

FIGURE 11: No. 21192
Description: Bowl; plain interior. One other, larger, in collection.
Dimension: Greatest diameter, 12.8 cm.
Provenience: Hopi country, Arizona.
PLATE 43: JEDDITO BLACK-ON-YELLOW

Kayenta Branch

Figure 1: No. 21188
Description: Ladle; round, pointed handle.
Dimension: Greatest length, 22.2 cm.
Provenience: Hopi country, Arizona.

Figure 2: No. 81046
Description: Ladle; half-gourd type with ridge between bowl and handle.
Dimension: Greatest length, 20.9 cm.
Provenience: Old Walpi, Arizona.

Figure 3: No. 67189
Description: Ladle; flat, perforated handle.
Dimension: Greatest length, 26.9 cm.
Provenience: Near Oraibi, Arizona.

Figure 4: No. 80992
Description: Ladle; round, perforated handle.
Dimension: Greatest length, 17.3 cm.
Provenience: Old Walpi, Arizona.

Figure 5: No. 80229
Description: Ladle; concave, effigy-head handle.
Dimension: Greatest length, 18.3 cm.
Provenience: Awatovi, Arizona.

Figure 6: No. 81050
Description: Ladle; half-gourd type, perforated.
Dimension: Greatest length, 18.2 cm.
Provenience: Old Walpi, Arizona.

Figure 7: No. 80226
Description: Ladle; curved round handle.
Dimension: Greatest length, 13.7 cm.
Provenience: Awatovi, Arizona.

Figure 8: No. 72338
Description: Ladle; round handle, perforated horizontally.
Dimension: Greatest length, 20.8 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 9: No. 80765
Description: Ladle; flat bowl with ridge dividing it from handle.
Dimension: Greatest diameter of bowl, 14.5 cm.
Provenience: Old Walpi, Arizona.

Figure 10: No. 52720
Description: Ladle; loop handle.
Dimension: Greatest diameter of bowl, 12.1 cm.
Provenience: Homolovi (No. 2), Arizona.

Figure 11: No. 21160
Description: Ladle; half-gourd type with flat bowl.
Dimension: Greatest diameter of bowl, 15.2 cm.
Provenience: Hopi country, Arizona.
PLATE 44: BIDAHOCHI POLYCHROME

Kayenta Branch

**Figure 1:** No. 72676
*Description:* Bowl; unusual flat-bottomed shape. No interior decoration.
*Dimension:* Greatest diameter, 17.1 cm.
*Provenience:* Homolovi (No. 1), Arizona.

**Figure 2:** No. 72805
*Description:* Ladle; no white paint on interior.
*Dimension:* Greatest diameter, excluding handle, 14.2 cm.
*Provenience:* Homolovi (No. 1), Arizona.

**Figure 3:** No. 72063
*Description:* Bowl; incurved rim.
*Dimension:* Greatest height, 7.8 cm.
*Provenience:* Homolovi (No. 2), Arizona.

**Figure 4:** No. 72789
*Description:* Jar; two effigy handles.
*Dimension:* Greatest height, 12.1 cm.
*Provenience:* Homolovi (No. 1), Arizona.

**Figure 5:** No. 72772
*Description:* Mug; effigy handle.
*Dimension:* Greatest height, 4.7 cm.
*Provenience:* Homolovi (No. 1), Arizona.

**Figure 6:** No. 74684
*Description:* Frog-effigy vessel.
*Dimension:* Greatest length, 14 cm.
*Provenience:* Bidahochi, Arizona.

**Figure 7:** No. 73021
*Description:* Pitcher.
*Dimension:* Greatest height, 12.1 cm.
*Provenience:* Homolovi (No. 1), Arizona.

**Figure 8:** No. 72817
*Description:* Mug; purple paint.
*Dimension:* Greatest height, 7.8 cm.
*Provenience:* Homolovi (No. 1), Arizona.

**Figure 9:** No. 73023
*Description:* Pitcher.
*Dimension:* Greatest height, 12.6 cm.
*Provenience:* Homolovi (No. 1), Arizona.
PLATE 45: BIDAHOCHI POLYCHROME

Kayenta Branch

FIGURE 1: No. 72213
Description: Bowl; no exterior decoration.
Dimension: Greatest diameter, 22.1 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 2: No. 72388
Description: Ladle.
Dimension: Greatest diameter of bowl, 10.9 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 3: No. 72281
Description: Bowl.
Dimension: Greatest diameter, 17.5 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 4: No. 72742
Description: Bowl.
Dimension: Greatest diameter, 21.5 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 5: No. 72604
Description: Bowl.
Dimension: Greatest diameter, 20.7 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 6: No. 72495
Description: Bowl.
Dimension: Greatest diameter, 21.5 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 7: No. 72220
Description: Bowl.
Dimension: Greatest diameter, 21.1 cm.
Provenience: Homolovi (No. 1), Arizona.
PLATE 46: BIDAHOCHI POLYCHROME

Kayenta Branch

Figure 1: No. 72753
Description: Bowl.
Dimension: Greatest diameter, 21.6 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 2: No. 72761
Description: Bowl.
Dimension: Greatest diameter, 21.1 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 3: No. 72221
Description: Bowl.
Dimension: Greatest diameter, 21.1 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 4: No. 72758
Description: Bowl.
Dimension: Greatest diameter, 21.5 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 5: No. 74625
Description: Bowl; no exterior decoration.
Dimension: Greatest diameter, 22.1 cm.
Provenience: Bidahochi, Arizona.

Figure 6: No. 72168
Description: Bowl.
Dimension: Greatest diameter, 21.7 cm.
Provenience: Homolovi (No. 1), Arizona.
PLATE 47: BIDAHOCI POLYCHROME

Kayenta Branch

Figure 1: No. 73010
Description: Jar.
Dimension: Greatest height, 14 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 2: No. 73104
Description: Jar.
Dimension: Greatest height, 11.5 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 3: No. 67193
Description: Jar.
Dimension: Greatest height, 12 cm.
Provenience: Shungopovi, Arizona.

Figure 4: No. 80144
Description: Jar; unusual neck.
Dimension: Greatest height, 13.5 cm.
Provenience: Awatovi, Arizona.

Figure 5: No. 73112
Description: Jar; conventionalized bird in white on neck.
Dimension: Greatest height, 15.3 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 6: No. 73133
Description: Jar; paint a rich blue.
Dimension: Greatest height, 15.4 cm.
Provenience: Homolovi (No. 1), Arizona.
PLATE 48: SIKYATKI POLYCHROME

Kayenta Branch

FIGURE 1: No. 75573
Description: Bowl.
Dimension: Greatest diameter, 20.3 cm.
Provenience: Mishongnovi, Arizona.

FIGURE 2: No. 81154
Description: Jar.
Dimension: Greatest height, 9.8 cm.
Provenience: Old Walpi, Arizona.

FIGURE 3: No. 67204
Description: Bowl.
Dimension: Greatest diameter, 19.6 cm.
Provenience: Shungopovi, Arizona.

FIGURE 4: No. 75417
Description: Jar.
Dimension: Greatest height, 11.6 cm.
Provenience: Sikyatki, Arizona.

FIGURE 5: No. 80939
Description: Bowl.
Dimension: Greatest diameter, 18.8 cm.
Provenience: Old Walpi, Arizona.

FIGURE 6: No. 67209
Description: Jar.
Dimension: Greatest height, 10.8 cm.
Provenience: Shungopovi, Arizona.

FIGURE 7: No. 80058
Description: Bowl.
Dimension: Greatest diameter, 22.6 cm.
Provenience: Chukubi (one mile northwest of Shipaulovi), Arizona.

FIGURE 8: No. 80178
Description: Jar.
Dimension: Greatest height, 13.6 cm.
Provenience: Awatovi, Arizona.

FIGURE 9: No. 21189
Description: Bowl.
Dimension: Greatest diameter, 21.8 cm.
Provenience: Hopi country, Arizona.

All the above specimens retain shapes typical of antecedent Jeddito Black-on-Yellow. In Figs. 1, 2, 5, and 6, even style of design is that of earlier type. Mr. J. O. Brew agrees with this analysis.
PLATE 49: SIKYATKI POLYCHROME  
Kayenta Branch

Figure 1: No. 75273
Description: Bowl; unusual rim shape.
Dimension: Greatest diameter, 17.7 cm.
Provenience: Sikyatki, Arizona.

Figure 2: No. 75428
Description: Bowl.
Dimension: Greatest diameter, 25.9 cm.
Provenience: Sikyatki, Arizona.

Figure 3: No. 80813
Description: Bowl.
Dimension: Greatest diameter, 17.9 cm.
Provenience: Old Walpi, Arizona.

Figure 4: No. 81066
Description: Bowl.
Dimension: Greatest diameter, 28.4 cm.
Provenience: Old Walpi, Arizona.

Figure 5: No. 80097
Description: Bowl.
Dimension: Greatest diameter, 26.7 cm.
Provenience: Awatovi, Arizona.

Figure 6: No. 80536
Description: Bowl.
Dimension: Greatest diameter, 21.8 cm.
Provenience: Old Walpi, Arizona.

Figure 7: No. 21165
Description: Bowl.
Dimension: Greatest diameter, 23.9 cm.
Provenience: Hopi country, Arizona.

Figure 8: No. 80959
Description: Bowl.
Dimension: Greatest diameter, 21.4 cm.
Provenience: Old Walpi, Arizona.
PLATE 50: SIKYATKI POLYCHROME

Kayenta Branch

FIGURE 1: No. 80842

Description: Jar.
Dimension: Greatest height, 13.6 cm.
Provenience: Old Walpi, Arizona.

FIGURE 2: No. 80135

Description: Jar.
Dimension: Greatest height, 10.8 cm.
Provenience: Awatovi, Arizona.

FIGURE 3: No. 75217

Description: Jar.
Dimension: Greatest height, 11.7 cm.
Provenience: Sikyatki, Arizona.

FIGURE 4: No. 80856

Description: Jar.
Dimension: Greatest height, 9 cm.
Provenience: Old Walpi, Arizona.

FIGURE 5: No. 67142

Description: Jar.
Dimension: Greatest height, 15.2 cm.
Provenience: West of Oraibi, Arizona.

FIGURE 6: No. 67146

Description: Jar.
Dimension: Greatest height, 10.5 cm.
Provenience: Near Oraibi, Arizona.

FIGURE 7: No. 80949

Description: Jar.
Dimension: Greatest height, 11.3 cm.
Provenience: Old Walpi, Arizona.

FIGURE 8: No. 80845

Description: Jar.
Dimension: Greatest height, 11.1 cm.
Provenience: Old Walpi, Arizona.

FIGURE 9: No. 80762

Description: Jar.
Dimension: Greatest height, 10.9 cm.
Provenience: Old Walpi, Arizona.
PLATE 51: SIKYATKI POLYCHROME

Kayenta Branch

FIGURE 1: No. 75395
Description: Bowl; very detailed human hand as design.
Dimension: Greatest diameter, 24 cm.
Provenience: Siyayatki, Arizona.

FIGURE 2: No. 80958
Description: Bowl; unusual beauty of design. Shape may be unique for this type.
Both surfaces extremely smooth.
Dimension: Greatest diameter, 18.4 cm.
Provenience: Old Walpi, Arizona.

FIGURE 3: No. 111208
Description: Bowl; painting of animal inside.
Dimension: Greatest diameter, 23 cm.
Provenience: Hopi country, Arizona.

FIGURE 4: No. 72569
Description: Parrot effigy.
Dimension: Greatest length, 17.9 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 5: No. 67227
Description: Bowl; painting of human(?) figure on inside.
Dimension: Greatest diameter, 22.6 cm.
Provenience: Mishongnovi, Arizona.

FIGURE 6: No. 80085
Description: Bowl; loop handle; two red animal effigies perched on rim.
Dimension: Greatest height, excluding effigies, 7.9 cm.
Provenience: Awatovi, Arizona.

FIGURE 7: No. 75866
Description: Bowl; interior painting of bird(?).
Dimension: Greatest diameter, 27 cm.
Provenience: Mishongnovi, Arizona.

FIGURE 8: No. 67190
Description: Bird-effigy vessel; unusually rough finish.
Dimension: Greatest length, 17.4 cm.
Provenience: Valley northeast of Oraibi, Arizona.

FIGURE 9: No. 67123.
Description: Bowl; three human(?) figures on interior. May date after the Spanish Conquest.
Dimension: Greatest diameter, 27.9 cm.
Provenience: Oraibi, Arizona.

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PLATE 52: SIKYATKI POLYCHROME

Kayenta Branch

FIGURE 1: No. 75422
   Description: Bowl.
   Dimension: Greatest diameter, 26.3 cm.
   Provenience: Sikyatki, Arizona.

FIGURE 2: No. 75508
   Description: Bowl.
   Dimension: Greatest diameter, 26 cm.
   Provenience: Mishongnovi, Arizona.

FIGURE 3: No. 75411
   Description: Bowl.
   Dimension: Greatest diameter, 25.5 cm.
   Provenience: Sikyatki, Arizona.

FIGURE 4: No. 75416
   Description: Bowl.
   Dimension: Greatest diameter, 25.6 cm.
   Provenience: Sikyatki, Arizona.

FIGURE 5: No. 75400
   Description: Bowl.
   Dimension: Greatest diameter, 23.5 cm.
   Provenience: Sikyatki, Arizona.

FIGURE 6: No. 21156
   Description: Bowl.
   Dimension: Greatest diameter, 24.1 cm.
   Provenience: Hopi country, Arizona.

This plate shows the size and variety of design typical of Sikyatki Polychrome bowls.
PLATE 53: SIKYATKI POLYCHROME

Kayenta Branch

FIGURE 1: No. 80749
Description: Mug. This shape is uncommon in this type.
Dimension: Greatest height, excluding handle, 9.1 cm.
Provenience: Old Walpi, Arizona.

FIGURE 2: No. 75769
Description: Oval vessel; medicine box(?). Eight carrying-cord holes.
Dimension: Greatest length, 18.3 cm.
Provenience: Mishongnovi, Arizona.

FIGURE 3: No. 80948
Description: Jar; originally had loop handle or double spout.
Dimension: Greatest height, 10 cm.
Provenience: Old Walpi, Arizona.

FIGURE 4: No. 80903
Description: Ladle.
Dimension: Greatest diameter of bowl, 14.6 cm.
Provenience: Old Walpi, Arizona.

FIGURE 5: No. 81036
Description: Ladle; half-gourd type.
Dimension: Greatest length, 19.3 cm.
Provenience: Old Walpi, Arizona.

FIGURE 6: No. 67171
Description: Ladle.
Dimension: Greatest diameter of bowl, 7.6 cm.
Provenience: Near Oraibi, Arizona.

FIGURE 7: No. 81059
Description: Ladle; concave handle.
Dimension: Greatest length, 19.7 cm.
Provenience: Old Walpi, Arizona.

FIGURE 8: No. 75562
Description: Ladle; originally had short hook handle.
Dimension: Greatest diameter of bowl, 12.5 cm.
Provenience: Mishongnovi, Arizona.

FIGURE 9: No. 80756
Description: Pitcher; unusual shape.
Dimension: Greatest height, 14.2 cm.
Provenience: Old Walpi, Arizona.

FIGURE 10: No. 80773
Description: Bird-effigy vessel.
Dimension: Greatest height, 14.3 cm.
Provenience: Old Walpi, Arizona.

FIGURE 11: No. 75415
Description: Canteen; two loop handles.
Dimension: Greatest height, 13.2 cm.
Provenience: Sikyatki, Arizona.

There are only fourteen ladles in the collection of Sikyatki Polychrome; not one of them is well executed. This may be true of all Sikyatki Polychrome ladles?

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PLATE 54: SIKYATKI POLYCHROME

Kayenta Branch

Figure 1: No. 21174

Description: Canteen; painted to represent katcina. There is only one other specimen of this shape in the collections, and it is decorated with concentric circles of alternate red and black.

Dimension: Greatest width, including handles, 32.3 cm. Greatest front-to-rear thickness, including nose, 19.4 cm.

Provenience: Hopi country, Arizona.

Figure 2: No. 75429

Description: Huge jar; unusually fine workmanship.

Dimension: Greatest diameter, 34.6 cm.

Provenience: Eastern cemetery of Sikyatki, Arizona.
PLATE 55: POST-CONQUEST* SIKYATKI POLYCHROME

Kayenta Branch

Figure 1: No. 80839
Description: Jar.
Dimension: Greatest height, 11.8 cm.
Provenience: Old Walpi, Arizona.

Figure 2: No. 80216
Description: Jar.
Dimension: Greatest height, 7.9 cm.
Provenience: Awatovi, Arizona.

Figure 3: No. 80857
Description: Jar.
Dimension: Greatest height, 10.8 cm.
Provenience: Old Walpi, Arizona.

Figure 4: No. 80641
Description: Jar.
Dimension: Greatest height, 11.1 cm.
Provenience: Old Walpi, Arizona.

Figure 5: No. 67208
Description: Jar.
Dimension: Greatest height, 11 cm.
Provenience: Near Oraibi, Arizona.

Figure 6: No. 81215
Description: Jar.
Dimension: Greatest height, 8.7 cm.
Provenience: Old Walpi, Arizona.

Figure 7: No. 21170
Description: Jar.
Dimension: Greatest height, 10 cm.
Provenience: Hopi country, Arizona.

Figure 8: No. 80951
Description: Jar.
Dimension: Greatest height, 9.2 cm.
Provenience: Old Walpi, Arizona.

Figure 9: No. 80693
Description: Jar.
Dimension: Greatest height, 9.7 cm.
Provenience: Old Walpi, Arizona.

*May be earlier, as poorly executed specimens are known from Pre-Conquest times.
PLATE 56: POST-CONQUEST (?) HOPI POTTERY

Kayenta Branch

Figure 1: No. 80825
Description: Pitcher; two handles.
Dimension: Greatest height, 9.1 cm.
Provenience: Old Walpi, Arizona.

Figure 2: No. 50739
Description: Bowl; showing both Zuñi and Hopi traits.
Dimension: Greatest diameter, 29.2 cm.
Provenience: Cliff house, near McElmo Canyon, Utah.

Figure 3: No. 81549
Description: Incurved bowl; finish not smooth.
Dimension: Greatest height, 8 cm.
Provenience: Unknown.

Figure 4: No. 80957
Description: Bowl; very shallow; finish not smooth.
Dimension: Greatest diameter, 13.7 cm.
Provenience: Old Walpi, Arizona.

Figure 5: No. 67141
Description: Large jar.
Dimension: Greatest diameter, 35.8 cm.
Provenience: Just west of Oraibi, Arizona.

Figure 6: No. 21127
Description: Bowl.
Dimension: Greatest diameter, 13.2 cm.
Provenience: Hopi country, Arizona.

Figure 7: No. 67147
Description: Eccentric-shaped rectangular jar.
Dimension: Greatest length, 8.7 cm.
Provenience: Near Oraibi, Arizona.

Figure 8: No. 81468
Description: Bowl; finish not smooth.
Dimension: Greatest diameter, 20.4 cm.
Provenience: Payupki, Arizona.

Figure 9: No. 67168
Description: Bowl; finish not smooth.
Dimension: Greatest diameter, 16.5 cm.
Provenience: East edge of Oraibi, Arizona.

Figure 10: No. 67154
Description: Rectangular bowl; strap handle on long side.
Dimension: Greatest length, 9.7 cm.
Provenience: Hopi country
II. MESA VERDE BRANCH

Pottery of the Mesa Verde Branch is found in the "Four Corners District" (that region around the common meeting point of Utah, Colorado, Arizona, and New Mexico). The branch receives its name from Mesa Verde National Park in Colorado where most of the Mesa Verde types were first found. The later pottery of this branch traveled down into Chaco Canyon, to Bernalillo, New Mexico, and into Canyons del Muerto and de Chelly, Arizona.

The type of paint on the Black-on-White pottery of this branch varied from time to time. The earliest painted pottery, called Basket Maker or Lino Black-on-Gray, was decorated with either mineral or organic paints. Mancos Black-on-White shows only mineral paint; McElmo Black-on-White, either mineral or organic paint. The paint on Abajo Red-on-Orange is hematite; and on La Plata Black-on-Orange (a late variant of Abajo) it is iron manganese (Morris and Shepard, pp. 270–271).

The designs on Lino Black-on-Gray (none illustrated) in this branch are very similar to Lino Black-on-Gray designs from other branches. There seems to be no connection, however, between Lino and Mancos Black-on-White designs. Mancos Black-on-White pottery, even from earliest times, manifests the same general appearance, treatment, and elements of design as early Chaco pottery (Martin, 1938, Plates 147–175). Mancos Black-on-White is probably the result of influences from the Chaco area.

The origin of the color and designs on Abajo Red-on-Orange and La Plata Black-on-Orange is a moot point. Some of the designs on these wares certainly resemble those on Lino Black-on-Gray pottery. Others bear a similarity to designs found on southern orange wares. We believe that the idea for the orange color and the polished surface treatment came from the south (Mogollon?).

The Black-on-White pottery of the Mesa Verde Branch shows three characteristics which are certainly unusual if not unique.

1. Waxy, highly polished, crackled surfaces are typical of Mesa Verde Black-on-White.

2. Mesa Verde Black-on-White bowls are generally thick-walled, with flat, ticked rims.

3. "Beer-mug" shapes were invented and more fully developed than in any other branch. In fact, only in the Kayenta Branch do we find similar shapes; elsewhere they are lacking in the collection.

The number of types that can be classified as belonging to the Mesa Verde Branch is comparatively small. The pottery types illustrated are generally dated as follows:

<table>
<thead>
<tr>
<th></th>
<th>Estimated date</th>
<th></th>
<th>Estimated date</th>
</tr>
</thead>
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<tr>
<td></td>
<td>A.D.</td>
<td></td>
<td>A.D.</td>
</tr>
<tr>
<td>Lino Black-on-Gray</td>
<td>600–900</td>
<td>Mancos Black-on-White</td>
<td>850–1100</td>
</tr>
<tr>
<td>Abajo Red-on-Orange</td>
<td>700–900</td>
<td>McElmo Black-on-White</td>
<td>900–1100</td>
</tr>
<tr>
<td>La Plata Black-on-Orange</td>
<td>800–950</td>
<td>Mesa Verde Black-on-White</td>
<td>1150–1300</td>
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</tbody>
</table>

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PLATE 57: ABAJO RED-ON-ORANGE AND LA PLATA BLACK-ON-ORANGE

*Mesa Verde Branch*

**Figure 1:** No. 74855
*Description:* Bowl; flat, painted rim. Aabajo Red-on-Orange.
*Dimension:* Greatest diameter, 19.6 cm.
*Provenience:* Ojo Bonito, New Mexico.

**Figure 2:** No. 206001
*Description:* Gourd-shaped jar; La Plata Black-on-Orange.
*Dimension:* Greatest height, 11 cm.

**Figure 3:** No. 81536
*Description:* Bowl; La Plata (?) Black-on-Orange.
*Dimension:* Greatest diameter, 17.6 cm.
*Provenience:* Chaco Canyon, New Mexico.

**Figure 4:** No. 47769
*Description:* Gourd-shaped jar; La Plata (?) Black-on-Orange.
*Dimension:* Greatest height, 12.7 cm.
*Provenience:* Near Ackmen, Colorado.

**Figure 5:** No. 206286
*Description:* Basket-handled bowl; La Plata Black-on-Orange.
*Dimension:* Greatest height, excluding handle, 10.2 cm.
*Provenience:* Near Pleasant View, Colorado.

**Figure 6:** No. 47770
*Description:* Seed jar; two lug handles perforated vertically. Light material is restoration. Aabajo Red-on-Orange.
*Dimension:* Greatest height, 12.9 cm.
*Provenience:* Near Ackmen, Colorado.

**Figure 7:** No. 206323
*Description:* Bowl; light material showing in front is restoration. Aabajo Red-on-Orange.
*Dimension:* Greatest diameter (restored), 24 cm.
*Provenience:* Near Pleasant View, Colorado.

**Figure 8:** No. 206287
*Description:* Bowl; Aabajo Red-on-Orange.
*Dimension:* Greatest diameter, 20.5 cm.
*Provenience:* Near Pleasant View, Colorado.
PLATE 58: MANCOS BLACK-ON-WHITE

Mesa Verde Branch

FIGURE 1: No. 81818
Description: Bowl. Type uncertain.
Dimension: Greatest diameter, 21.2 cm.
Provenience: Chaco Canyon, New Mexico.

FIGURE 2: No. 81813
Description: Bowl. Type uncertain.
Dimension: Greatest diameter, 13 cm.
Provenience: Chaco Canyon, New Mexico.

FIGURE 3: No. 81553
Description: Bowl. Type uncertain.
Dimension: Greatest diameter, 26.5 cm.
Provenience: Chaco Canyon, New Mexico.

FIGURE 4: No. 45601
Description: Bowl.
Dimension: Greatest diameter, 19.4 cm.
Provenience: Near Lowry Ruin, Colorado.

FIGURE 5: No. 205994
Description: Bowl; hump-backed flute-player in center.
Dimension: Greatest diameter, 18.8 cm.
Provenience: Bug Canyon, Utah.

FIGURE 6: No. 45575
Description: Bowl.
Dimension: Greatest diameter, 19.6 cm.
Provenience: Near Lowry Ruin, Colorado.

FIGURE 7: No. 45312
Description: Bowl.
Dimension: Greatest diameter, 16 cm.
Provenience: Burial on Herren Farm, near Lowry Ruin, Colorado.

FIGURE 8: No. 45600
Description: Bowl; very heavy walls.
Dimension: Greatest diameter, 26.6 cm.
Provenience: Near Lowry Ruin, Colorado.

FIGURE 9: No. 45410
Description: Bowl; thick walls.
Dimension: Greatest diameter, 20.8 cm.
Provenience: Burial No. 28, Lowry Ruin, Colorado.
PLATE 59: MANCOS BLACK-ON-WHITE

Mesa Verde Branch

Figure 1: No. 45584
Description: Pitcher.
Dimension: Greatest height, 14.9 cm.
Provenience: Near Lowry Ruin, Colorado.

Figure 2: No. 205996
Description: Bowl. Type uncertain.
Dimension: Greatest diameter, 20.1 cm.
Provenience: Bug Canyon, Utah.

Figure 3: No. 45400
Description: Pitcher.
Dimension: Greatest height, 16.1 cm.
Provenience: Burial No. 8, Lowry Ruin, Colorado.

Figure 4: No. 45301
Description: Ladle. Type uncertain.
Dimension: Greatest length, 25.8 cm.
Provenience: Burial No. 15, Lowry Ruin, Colorado.

Figure 5: No. 45313
Description: Ladle.
Dimension: Greatest diameter of bowl, 10.6 cm.

Figure 6: No. 45299
Description: Ladle.
Dimension: Greatest diameter of bowl, 13.4 cm.
Provenience: Burial No. 12, Lowry Ruin, Colorado.

Figure 7: No. 45302
Description: Ladle.
Dimension: Greatest length, 30.4 cm.

Figure 8: No. 45317
Description: Canteen.
Dimension: Greatest height, 15.4 cm.

Figure 9: No. 206332
Description: Mug; handle missing.
Dimension: Greatest height, 12.2 cm.
Provenience: Refuse mound, Closson Site, five and one-half miles west of Pleasant View, Colorado.

Figure 10: No. 205907
Description: Seed jar.
Dimension: Greatest height, 11.6 cm.
Provenience: Bug Canyon, Utah.
PLATE 60: McELMO BLACK-ON-WHITE
Mesa Verde Branch

Figure 1: No. 45403
Description: Mug.
Dimension: Greatest height, 10 cm.

Figure 2: No. 206335
Description: Mug.
Dimension: Greatest height, 7.9 cm.
Provenience: Refuse mound, Closson Site, five and one-half miles west of Pleasant View, Colorado.

Figure 3: No. 21742
Description: Mug.
Dimension: Greatest height, 9.2 cm.
Provenience: McElmo Canyon, Colorado.

Figure 4: No. 45573
Description: Mug.
Dimension: Greatest height, 11.1 cm.
Provenience: Burial near Lowry Ruin, Colorado.

Figure 5: No. 45402
Description: Mug.
Dimension: Greatest height, 11.2 cm.

Figure 6: No. 45303
Description: Mug.
Dimension: Greatest height, 8 cm.
Provenience: Burial No. 18, Lowry Ruin, Colorado.

Figure 7: No. 45321
Description: Mug.
Dimension: Greatest height, 11.7 cm.
Provenience: Burial No. 21, Lowry Ruin, Colorado.

Figure 8: No. 205992
Description: Mug.
Dimension: Greatest height, 11.8 cm.
Provenience: Montezuma County, Colorado.

Figure 9: No. 45578
Description: Mug.
Dimension: Greatest height, 12.6 cm.
Provenience: Burial near Lowry Ruin, Colorado.
PLATE 61: McELMO BLACK-ON-WHITE
Mesa Verde Branch

FIGURE 1: No. 21751
Description: Bowl.
Dimension: Greatest diameter, 19.1 cm.
Provenience: San Juan River, Utah.

FIGURE 2: No. 81574
Description: Bowl.
Dimension: Greatest diameter, 20.5 cm.
Provenience: Chaco Canyon, New Mexico.

FIGURE 3: No. 45574
Description: Bowl.
Dimension: Greatest diameter, 18.1 cm.
Provenience: Burial near Lowry Ruin, Colorado.

FIGURE 4: No. 21432
Description: Bowl.
Dimension: Greatest diameter, 18.3 cm.
Provenience: Graham Canyon, San Juan County, Utah.

FIGURE 5: No. 47638
Description: Bowl.
Dimension: Greatest diameter, 21.9 cm.
Provenience: Near Lowry Ruin, Colorado.

FIGURE 6: No. 45316
Description: Bowl; much warped.
Dimension: Greatest diameter, 21.2 cm.
PLATE 62: MESA VERDE BLACK-ON-WHITE
Mesa Verde Branch

Figure 1: No. 81655
Description: Bowl.
Dimension: Greatest diameter, 17.5 cm.

Figure 2: No. 45292
Description: Mug.
Dimension: Greatest height, 8.5 cm.

Figure 3: No. 45408
Description: Bowl; barred triangle for exterior decoration.
Dimension: Greatest diameter, 7.6 cm.
Provenience: Burial No. 28, Lowry Ruin, Colorado.

Figure 4: No. 81661
Description: Canteen; two vertical loop handles.
Dimension: Greatest height, 9.1 cm.

Figure 5: No. 21394
Description: Mug; handle missing.
Dimension: Greatest height, 12 cm.
Provenience: San Juan River, Utah.

Figure 6: No. 81141
Description: Canteen; two tiny loop handles.
Dimension: Greatest height, 7 cm.
Provenience: Old Walpi, Arizona.

Figure 7: No. 81660
Description: Bowl.
Dimension: Greatest diameter, 20 cm.

Figure 8: No. 21756
Description: Bowl.
Dimension: Greatest diameter, 13 cm.
Provenience: San Juan River, Utah.

Figure 9: No. 81657
Description: Bowl.
Dimension: Greatest diameter, 18.7 cm.

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PLATE 63: MESA VERDE BLACK-ON-WHITE
Mesa Verde Branch

Figure 1: No. 21225
Description: Bowl.
Dimension: Greatest diameter, 23.9 cm.
Provenience: New Mexico.

Figure 2: No. 45551
Description: Bowl; bright red paint.
Dimension: Greatest diameter, 30.8 cm.
Provenience: Room 9, Lowry Ruin, Colorado.

Figure 3: No. 21435
Description: Bowl.
Dimension: Greatest diameter, 27.1 cm.
Provenience: San Juan River(?), Utah.

Figure 4: No. 21436
Description: Bowl.
Dimension: Greatest diameter, 29.1 cm.
Provenience: San Juan River(?), Utah.

Figure 5: No. 81662
Description: Bowl.
Dimension: Greatest diameter, 28.2 cm.

Figure 6: No. 21438
Description: Bowl.
Dimension: Greatest diameter, 28.5 cm.
Provenience: San Juan River(?), Utah.
III. CHACO BRANCH

Pottery belonging to the Chaco Branch is found in New Mexico as far east as Taos and as far south as Socorro. It is also recorded from the "Four Corners District" (the common meeting point of Utah, Colorado, Arizona, and New Mexico); from the country around Ackmen, Durango, and Pagosa Springs, Colorado; and from as far west as Springerville and St. Johns, Arizona. The earlier types of Chaco pottery were distributed more widely than the later types, which are generally confined to a small area around Chaco Canyon, New Mexico.

This branch derives its name from Chaco Canyon, where Chaco pottery and architecture were highly developed and specialized. The origin of Chaco pottery, however, was probably not in Chaco Canyon itself but in and around the region near Gallup, New Mexico; or, and this is even more likely, within the drainage of the upper Little Colorado River.

The paint used on all Chaco Black-on-White pottery from early to late times was mineral (Hawley, 1936).

We have included with the plates of Chaco pottery some illustrations of Puerco Black-on-White pottery. The ancestry and affiliations of this Puerco pottery are not at all clear to us. It appears, merely from our typological study, that the Puerco Black-on-White and Reserve Black-on-White (Cibola Branch, Plates 75–80) were produced by two different groups of people who were receiving influences from a common source. However, this is a problem which needs to be worked on, and it can only be solved by making several careful excavations.

One plate of so-called Puerco Black-on-Red has likewise been included in this branch. We have done this because we did not know where else to place these particular specimens. The published description of this type is indefinite and confusing. The nine specimens here shown all come from the same region (near St. Johns, Arizona) and for want of a better name we have called them Puerco Black-on-Red. The two pitchers are shaped like the Puerco Black-on-White ones. Certainly this type should be re-defined on the basis of thorough excavations.

It is interesting to note that the designs on Red Mesa Black-on-White are very much like those on Kana-a and Black Mesa Black-on-White types (Kayenta Branch, Plates 2–9). From photographs it is often difficult to tell one from another. Only the color of the slip, the lack of polish, and the mineral paint distinguish the Red Mesa Black-on-White from the other two types mentioned.

The Chaco pottery types illustrated herewith are generally dated as follows:

<table>
<thead>
<tr>
<th>Estimated date</th>
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<tbody>
<tr>
<td>A.D.</td>
<td>A.D.</td>
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<tr>
<td>Kiatuthlanna Black-on-White...</td>
<td>Puerco Black-on-White.....</td>
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<td>7–850</td>
<td>850–1000</td>
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<tr>
<td>Red Mesa Black-on-White......</td>
<td>Puerco Black-on-Red........</td>
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<tr>
<td>850–950</td>
<td>950–1150</td>
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<tr>
<td>Chaco Black-on-White......</td>
<td>Chaco Black-on-White.....</td>
</tr>
<tr>
<td></td>
<td>950–1150</td>
</tr>
</tbody>
</table>

Wingate Black-on-Red, which is generally included in this branch, will be found illustrated and discussed under the Cibola Branch (p. 164).
PLATE 64: KIATUTHLANNA (?) BLACK-ON-WHITE  
*Chaco Branch*

**FIGURE 1:** No. 74828  
*Description:* Canteen; two lug handles perforated vertically.  
*Dimension:* Greatest height, 13.2 cm.  
*Provenience:* Ojo Bonito, New Mexico.

**FIGURE 2:** No. 81795  
*Description:* Pitcher. Type uncertain.  
*Dimension:* Greatest height, 17 cm.  
*Provenience:* Chaco Canyon, New Mexico.

**FIGURE 3:** No. 74183  
*Description:* Bowl; very thin walls.  
*Dimension:* Greatest diameter, 21.3 cm.  
*Provenience:* San Cosmo, Arizona.

**FIGURE 4:** No. 74556  
*Description:* Eccentric double vessel, with hollow shaft.  
*Dimension:* Greatest length, 21 cm.  
*Provenience:* Ojo Caliente, New Mexico.

**FIGURE 5:** No. 75118  
*Description:* Bowl. Type uncertain.  
*Dimension:* Greatest diameter, 15.7 cm.  
*Provenience:* Mesa Redonda, Arizona.
Figure 1: No. 21406
Description: Canteen; curiously shaped loop handle. Other handle missing.
Dimension: Greatest height, 12.8 cm.
Provenience: Uncertain.

Figure 2: No. 92410
Description: Mug; same figure repeated on other side.
Dimension: Greatest height, 8.5 cm.
Provenience: Uncertain; notes say “Cochiti Pueblo, New Mexico.”

Figure 3: No. 81545
Description: Canteen; two handles missing.
Dimension: Greatest height, 13 cm.
Provenience: Chaco Canyon, New Mexico.

Figure 4: No. 81568
Description: Ladle; half-gourd type.
Dimension: Greatest length, 13.7 cm.
Provenience: Chaco Canyon, New Mexico.

Figure 5: No. 21059
Description: Ladle; probably had loop handle. Type uncertain.
Dimension: Greatest diameter of bowl, 13.3 cm.
Provenience: Hopi country, Arizona.

Figure 6: No. 81579
Description: Ladle; concave handle.
Dimension: Greatest length, 12.9 cm.
Provenience: Chaco Canyon, New Mexico.

Figure 7: No. 81566
Description: Ladle; half-gourd type.
Dimension: Greatest length, 12.7 cm.
Provenience: Chaco Canyon, New Mexico.

Figure 8: No. 74571
Description: Canteen; mushroom handles. Hachured, open rectangle on flat base.
Dimension: Greatest height, 10.6 cm.
Provenience: Ojo Caliente, New Mexico.

Figure 9: No. 81806
Description: Mug.
Dimension: Greatest height, 8.4 cm.
Provenience: Chaco Canyon, New Mexico.

Figure 10: No. 74600
Description: Pitcher. Type uncertain, possibly Puerco Black-on-White.
Dimension: Greatest height, 10.7 cm.
Provenience: Ojo Caliente, New Mexico.
PLATE 66: RED MESA BLACK-ON-WHITE

Chaco Branch

FIGURE 1: No. 81580
Description: Pitcher; pinched-in lip.
Dimension: Greatest height, 15.7 cm.
Provenience: Chaco Canyon, New Mexico.

FIGURE 2: No. 21256
Description: Olla.
Dimension: Greatest height, 22.3 cm.
Provenience: New Mexico.

FIGURE 3: No. 81518
Description: Pitcher.
Dimension: Greatest height, 13.1 cm.
Provenience: Chaco Canyon, New Mexico.

FIGURE 4: No. 81831
Description: Pitcher.
Dimension: Greatest diameter, 20.8 cm.
Provenience: Chaco Canyon, New Mexico.

FIGURE 5: No. 81807
Description: Effigy vessel.
Dimension: Greatest height, 16.6 cm.
Provenience: Chaco Canyon, New Mexico.

FIGURE 6: No. 81599
Description: Pitcher. Type uncertain.
Dimension: Greatest height, 18.2 cm.
Provenience: Chaco Canyon, New Mexico.

FIGURE 7: No. 74605
Description: Pitcher.
Dimension: Greatest height, 14.9 cm.
Provenience: Ojo Caliente, New Mexico.

FIGURE 8: No. 81825
Description: Seed jar.
Dimension: Greatest height, 21.1 cm.
Provenience: Chaco Canyon, New Mexico.

FIGURE 9: No. 81612
Description: Pitcher.
Dimension: Greatest height, 15 cm.
Provenience: Near Gallup, New Mexico. Exchange with Gila Pueblo.
PLATE 67: RED MESA BLACK-ON-WHITE

Chaco Branch

FIGURE 1: No. 81526
Description: Bowl; warped.
Dimension: Greatest diameter, 19.4 cm.
Provenience: Chaco Canyon, New Mexico.

FIGURE 2: No. 81805
Description: Pitcher; base spherical.
Dimension: Greatest height, 15.4 cm.
Provenience: Chaco Canyon, New Mexico.

FIGURE 3: No. 81512
Description: Bowl.
Dimension: Greatest diameter, 19.2 cm.
Provenience: Chaco Canyon, New Mexico.

FIGURE 4: No. 74860
Description: Bowl. Type uncertain.
Dimension: Greatest diameter, 15.3 cm.
Provenience: Ojo Bonito, New Mexico.

FIGURE 5: No. 21065
Description: Bowl; simple ticked line decoration on exterior.
Dimension: Greatest diameter, 20.8 cm.
Provenience: Hopi country, Arizona.

FIGURE 6: No. 81587
Description: Bowl.
Dimension: Greatest diameter, 15.5 cm.
Provenience: Chaco Canyon, New Mexico.

FIGURE 7: No. 81522
Description: Bowl; artificial-looking white slip common to later Chaco types.
Dimension: Greatest diameter, 19.9 cm.
Provenience: Chaco Canyon, New Mexico.

FIGURE 8: No. 81830
Description: Pitcher.
Dimension: Greatest height, 11.2 cm.
Provenience: Chaco Canyon, New Mexico.

FIGURE 9: No. 81551
Description: Bowl; warped.
Dimension: Greatest diameter, 22 cm.
Provenience: Chaco Canyon, New Mexico.
PLATE 68: CHACO BLACK-ON-WHITE (WINGATE PHASE)

Chaco Branch

Figure 1: No. 81860
Description: Pitcher; slightly concave base.
Dimension: Greatest height, 12.7 cm.

Figure 2: No. 81554
Description: Bowl; warped.
Dimension: Greatest diameter, 16.3 cm.
Provenience: Chaco Canyon, New Mexico.

Figure 3: No. 81837
Description: Pitcher.
Dimension: Greatest height, 15.8 cm.
Provenience: Chaco Canyon, New Mexico.

Figure 4: No. 81796
Description: Effigy pitcher.
Dimension: Greatest height, 13.7 cm.
Provenience: Chaco Canyon, New Mexico.

Figure 5: No. 81834
Description: Effigy pitcher.
Dimension: Greatest height, 13.8 cm.
Provenience: Chaco Canyon, New Mexico.

Figure 6: No. 81508
Description: Pitcher.
Dimension: Greatest height, 17.4 cm.
Provenience: Pueblo Alto, Chaco Canyon, New Mexico.

Figure 7: No. 81803
Description: Pitcher.
Dimension: Greatest height, 21.6 cm.
Provenience: Chaco Canyon, New Mexico.

Figure 8: No. 81502
Description: Pitcher.
Dimension: Greatest height, 19.2 cm.
Provenience: Pueblo Alto, Chaco Canyon, New Mexico.
PLATE 69: CHACO BLACK-ON-WHITE (BONITO PHASE)

Chaco Branch

Figure 1: No. 81864
Description: Bowl; four tiny loop handles.
Dimension: Greatest diameter, excluding handles, 12.2 cm.
Provenience: Tohatchi Flats (Wingate 1:1), New Mexico. Gift of Gila Pueblo.

Figure 2: No. 81609
Description: Bowl; large sherd missing from rim.
Dimension: Greatest diameter, 22.3 cm.

Figure 3: No. 81819
Description: Bowl; much worn.
Dimension: Greatest diameter, 13.7 cm.
Provenience: Chaco Canyon, New Mexico.

Figure 4: No. 81507
Description: Pitcher.
Dimension: Greatest height, 13 cm.
Provenience: Pueblo Alto, Chaco Canyon, New Mexico.

Figure 5: No. 81503
Description: Cylindrical vase; Chaco shape and paste, Red Mesa Black-on-White design, and organic paint and polish of early Kayenta types. Two horizontal loop handles. Type uncertain.
Dimension: Greatest height, 21 cm.
Provenience: Pueblo Alto, Chaco Canyon, New Mexico.

Figure 6: No. 81504
Description: Cylindrical vase; two lug handles perforated vertically.
Dimension: Greatest height, 20.2 cm.
Provenience: Pueblo Alto, Chaco Canyon, New Mexico.

Figure 7: No. 81506
Description: Pitcher.
Dimension: Greatest height, 14.1 cm.
Provenience: Pueblo Alto, Chaco Canyon, New Mexico.

Figure 8: No. 81835
Description: Pitcher.
Dimension: Greatest height, 21.4 cm.
Provenience: Chaco Canyon, New Mexico.

Figure 9: No. 205998
Description: Ladle.
Dimension: Greatest length, 28.2 cm.
Provenience: Bug Canyon, Utah.

Figure 10: No. 74604
Description: Pitcher.
Dimension: Greatest height, 21.7 cm.
Provenience: Ojo Caliente, New Mexico.
PLATE 70: PUERCO BLACK-ON-WHITE

Chaco Branch

Figure 1: No. 75004
  Description: Pitcher; effigy handle. Type uncertain.
  Dimension: Greatest height, 17.1 cm.
  Provenience: Round Valley, Arizona.

Figure 2: No. 73746
  Description: Pitcher.
  Dimension: Greatest height, 17.5 cm.
  Provenience: San Cosmos, Arizona.

Figure 3: No. 75007
  Description: Pitcher; ridge around shoulder.
  Dimension: Greatest height, 15.4 cm.
  Provenience: Round Valley, Arizona.

Figure 4: No. 75010
  Description: Pitcher; effigy handle.
  Dimension: Greatest height, 14.9 cm.
  Provenience: Round Valley, Arizona.

Figure 5: No. 75003
  Description: Pitcher.
  Dimension: Greatest height, 14.3 cm.
  Provenience: Round Valley, Arizona.

Figure 6: No. 167972
  Description: Pitcher. Type uncertain.
  Dimension: Greatest height, 15.9 cm.
  Provenience: Uncertain.
PLATE 71: PUERCO BLACK-ON-WHITE

Chaco Branch

**Figure 1:** No. 74046
*Description:* Bowl; warped.
*Dimension:* Greatest diameter, 15.9 cm.
*Provenience:* San Cosmos, Arizona.

**Figure 2:** No. 74078
*Description:* Bowl; much worn.
*Dimension:* Greatest diameter, 10.4 cm.
*Provenience:* San Cosmos, Arizona.

**Figure 3:** No. 75115
*Description:* Bowl.
*Dimension:* Greatest diameter, 16.2 cm.
*Provenience:* Hard Scrabble, Arizona.

**Figure 4:** No. 75176
*Description:* Bowl.
*Dimension:* Greatest diameter, 19.1 cm.
*Provenience:* Round Valley, Arizona.

**Figure 5:** No. 75120
*Description:* Bowl.
*Dimension:* Greatest diameter, 11.7 cm.
*Provenience:* Mesa Redonda, Arizona.

**Figure 6:** No. 75117
*Description:* Bowl; warped.
*Dimension:* Greatest diameter, 18.3 cm.
*Provenience:* Mesa Redonda, Arizona.

**Figure 7:** No. 74147
*Description:* Bowl; warped.
*Dimension:* Greatest diameter, 21.1 cm.
*Provenience:* San Cosmos, Arizona.

**Figure 8:** No. 74437
*Description:* Bowl.
*Dimension:* Greatest diameter, 21 cm.
*Provenience:* Ojo Caliente, New Mexico.
PLATE 72: PUERCO BLACK-ON-WHITE
Chaco Branch

Figure 1: No. 73886
Description: Ladle; perforated on sides and at end. Type uncertain.
Dimension: Greatest length, 22.2 cm.
Provenience: San Cosmos, Arizona.

Figure 2: No. 73860
Description: Ladle; rattle in handle.
Dimension: Greatest length, 31.6 cm.
Provenience: San Cosmos, Arizona.

Figure 3: No. 73846
Description: Ladle; handle has concave upper surface.
Dimension: Greatest length, 20 cm.
Provenience: San Cosmos, Arizona.

Figure 4: No. 75078
Description: Ladle; half-gourd type.
Dimension: Greatest length, 8 cm.
Provenience: Round Valley, Arizona.

Figure 5: No. 73893
Description: Ladle; half-gourd type. Crude decoration on exterior.
Dimension: Greatest length, 12.1 cm.
Provenience: San Cosmos, Arizona.

Figure 6: No. 74003
Description: Miniature effigy-vessel; handle missing. Type uncertain.
Dimension: Greatest length, 7.7 cm.
Provenience: San Cosmos, Arizona.

Figure 7: No. 111441
Description: Double jar.
Dimension: Greatest height, 10.9 cm.
Provenience: Uncertain.

Figure 8: No. 21264
Description: Miniature effigy-vessel. Type uncertain.
Dimension: Greatest length, 9 cm.
Provenience: New Mexico.
PLATE 73: PUERCO BLACK-ON-WHITE—Chaco Branch

AND

RESERVE BLACK-ON-WHITE—Cibola Branch

(For main representation of this type, see Plates 75–80)

FIGURE 1: No. 74898

Description: Jar; possibly Puerco Black-on-White. Walls thick and not well finished. Paint inorganic, but dense.

Dimension: Greatest height, 32.5 cm.

Provenience: Round Valley, Arizona.

FIGURE 2: No. 74597

Description: Effigy pitcher; possibly Puerco Black-on-White. Note the “wing” protuberances.

Dimension: Greatest height, 22.7 cm.

Provenience: Ojo Caliente, New Mexico.

FIGURE 3: No. 81833

Description: Pitcher; possibly Puerco Black-on-White.

Dimension: Greatest height, 20.8 cm.

Provenience: Chaco Canyon, New Mexico.

FIGURE 4: No. 81952

Description: Jar; Reserve Black-on-White.

Dimension: Greatest height, 28 cm.

Provenience: Lower Little Colorado River(?), Arizona.
PLATE 74: Puerco(?) Black-on-Red  
Chaco Branch  

Figure 1: No. 74038  
Description: Bowl. Color, 5 K 11 (Maerz and Paul).  
Dimension: Greatest diameter, 21.5 cm.  
Provenience: San Cosmos, Arizona.

Figure 2: No. 74021  
Description: Pitcher; typical Puerco shape. Color, 5 J 11.  
Dimension: Greatest height, 13.8 cm.  
Provenience: San Cosmos, Arizona.

Figure 3: No. 74921  
Description: Bowl. Color, 5 E 11.  
Dimension: Greatest diameter, 21.7 cm.  
Provenience: Round Valley, Arizona.

Figure 4: No. 74913  
Description: Bowl. Color, 5 H 11.  
Dimension: Greatest diameter, 23.4 cm.  
Provenience: Round Valley, Arizona.

Figure 5: No. 74035  
Description: Bowl. Color, 5 F 11.  
Dimension: Greatest diameter, 16.6 cm.  
Provenience: San Cosmos, Arizona.

Figure 6: No. 74136  
Description: Bowl. Color, 5 I 11.  
Dimension: Greatest diameter, 25.3 cm.  
Provenience: San Cosmos, Arizona.

Figure 7: No. 74159  
Description: Bowl. Color, 6 J 11.  
Dimension: Greatest diameter, 25.9 cm.  
Provenience: San Cosmos, Arizona.

Figure 8: No. 74603  
Description: Pitcher; typical Chaco shape. Color, 5 I 10.  
Dimension: Greatest height, 20.1 cm.  
Provenience: Ojo Caliente, New Mexico.

Figure 9: No. 74975  
Description: Bowl. Color, 5 I 11.  
Dimension: Greatest diameter, 29.6 cm.  
Provenience: Round Valley, Arizona.
IV. CIBOLA BRANCH

The pottery of the Cibola Branch is confined, for the most part, to the upper drainages of the Puerco, Little Colorado, upper Gila, Tularosa, and San Francisco rivers and their tributaries. This vicinity includes Zuñi, Reserve, Ojo Caliente, New Mexico; and Fort Apache, Springerville, Showlow, and Holbrook, Arizona.

The name Cibola is derived from the “Seven Cities of Cibola.” On the site of one of these fabulous “cities” was built the modern pueblo of Zuñi, near which are found the late types of this branch.

The paint on the Black-on-White wares is probably mineral.

Reserve Black-on-White has generally been considered as antecedent to Tularosa Black-on-White (Gladwin, 1934, p. 18); but Nesbitt (1938, pp. 81–82) is the only one who has produced any stratigraphic evidence on this point. Typologically, Reserve Black-on-White is certainly ancestral to Tularosa. We also agree with Nesbitt (op. cit., p. 138) when he says that Reserve and Puerco Black-on-Whites are related, but we do not yet know the extent of this relationship. Effigy handles appear in Reserve Black-on-White and of course are an important earmark of the later Tularosa ware. The undeveloped nature of Reserve Black-on-White as compared to Tularosa Black-on-White can be seen by studying the plates. Figures 1 and 4 of Plate 78 (Reserve Black-on-White) are interesting in that they seem to foreshadow a bowl shape which later became common in Mimbres Bold Face Black-on-White (not illustrated).

The “sprinkler” pitchers shown on Plate 86 are rare, if not unique. The miniature vessels shown on Plate 88 duplicate all the shapes and designs found in the standard size vessels.

The whole context and chronological location of the Reserve and Tularosa phases would be much clarified if several excavations in the heart of this area were undertaken.

In the section dealing with the Chaco Branch, we stated that the Wingate Black-on-Red would be included with the pottery of the Cibola Branch. Our reasons for making this shift are these:

Wingate Black-on-Red, named, described, and illustrated by Gladwin (1931, p. 29), is represented in this volume by several plates. Our pottery corresponds perfectly to Gladwin’s description except that he restricts the color of his Wingate Black-on-Red to maroon, and the shapes, to bowls. The color range of our Wingate Black-on-Red goes far beyond maroon; therefore, to help those who are interested in the range of color, we have given a Maerz and Paul color reading with each caption. Furthermore, our collection contains many shapes: ladles, jars, pitchers with strap, effigy, and eccentric handles, canteens, and eccentric shapes, as well as bowls.

As may be seen from studying our Wingate Black-on-Red plates, the designs, shapes, and handles are direct copies of Reserve and Tularosa Black-on-White.

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wares. Some close relationship between these types is very clear; for example, the red pottery on Plate 95 shows the similarity of these designs to those of Reserve Black-on-White. The pottery shown on Plates 88–94 clearly reflects the influence of Tularosa shapes and designs.

All in all, then, our Wingate Black-on-Red shares with Tularosa Black-on-White the same area of distribution and the same designs and shapes. Therefore we think it belongs in the Cibola Branch. For these reasons, the name Wingate Black-on-Red (which brings to mind the Gallup region) seems somewhat unfortunate. Had we been naming this type, our choice would have been Tularosa Black-on-Red, for both its geographical and its descriptive significance.

Normally, the type next in this branch after Tularosa Black-on-White is St. Johns Polychrome, which seems to be nothing more or less than Wingate Black-on-Red plus white designs on bowl exteriors.

Cibola polychromes became more varied and more exotic than those in any other branch.

Since Gladwin’s (1931) publication appeared, several new types of polychromes have been named and described. We have included illustrations of several of these. It is possible that some of these types lie halfway between the Kayenta and Cibola branches.

The pottery types illustrated for this branch are dated approximately as follows:

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<th>Type</th>
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<th>Type</th>
<th>Estimated date</th>
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<td>950–1150</td>
<td>Pinedale Polychrome</td>
<td>1250–1325</td>
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<tr>
<td>Tularosa Black-on-White</td>
<td>1100–1200</td>
<td>Four Mile Polychrome</td>
<td>1350–1400</td>
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<td>Wingate Black-on-Red</td>
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<td>Homolovi types</td>
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<td>St. Johns Polychrome</td>
<td>1100–1200</td>
<td>Painted and Corrugated types</td>
<td>1150–1400</td>
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<tr>
<td>Houck Polychrome</td>
<td>1200–1250</td>
<td>Zuñi glazes</td>
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<tr>
<td>Querino Polychrome</td>
<td>1250–1300</td>
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</tr>
</tbody>
</table>
PLATE 75: RESERVE BLACK-ON-WHITE

Cibola Branch

Figure 1: No. 21240
Description: Pitcher.
Dimension: Greatest height, 19.2 cm.
Provenience: New Mexico.

Figure 2: No. 21229
Description: Pitcher.
Dimension: Greatest height, 19.5 cm.
Provenience: New Mexico.

Figure 3: No. 75144
Description: Pitcher.
Dimension: Greatest height, 16.6 cm.
Provenience: Mesa Redonda, Arizona.

Figure 4: No. 82083
Description: Pitcher.
Dimension: Greatest height, 16.9 cm.
Provenience: Starkweather Ruin, New Mexico. Exchange with Logan Museum, Beloit, Wisconsin. In the Starkweather Ruin report this specimen was designated in error as Tularosa Black-on-White (Nesbitt, 1938).

Figure 5: No. 21251
Description: Pitcher.
Dimension: Greatest height, 17.7 cm.
Provenience: New Mexico.

Figure 6: No. 74981
Description: Pitcher. Type uncertain.
Dimension: Greatest height, 17.3 cm.
Provenience: Round Valley, Arizona.
PLATE 76: RESERVE BLACK-ON-WHITE

*Cibola Branch*

**Figure 1:** No. 74592

*Description:* Pitcher.
*Dimension:* Greatest height, 15.8 cm.
*Provenience:* Ojo Caliente, New Mexico.

**Figure 2:** No. 21230

*Description:* Pitcher. Type uncertain.
*Dimension:* Greatest height, 15.9 cm.
*Provenience:* New Mexico.

**Figure 3:** No. 75013

*Description:* Pitcher.
*Dimension:* Greatest height, 14.2 cm.
*Provenience:* Round Valley, Arizona.

**Figure 4:** No. 75042

*Description:* Pitcher; effigy superimposed on handle.
*Dimension:* Greatest height, 13.7 cm.
*Provenience:* Round Valley, Arizona.

**Figure 5:** No. 75016

*Description:* Pitcher.
*Dimension:* Greatest height, 18.7 cm.
*Provenience:* Round Valley, Arizona.

**Figure 6:** No. 75055

*Description:* Pitcher.
*Dimension:* Greatest height, 18.6 cm.
*Provenience:* Round Valley, Arizona.
PLATE 77: RESERVE BLACK-ON-WHITE

Cibola Branch

Figure 1: No. 74834
Description: Pitcher; all-over design.
Dimension: Greatest height, 16.9 cm.
Provenience: Ojo Bonito, New Mexico.

Figure 2: No. 75022
Description: Pitcher. Type uncertain.
Dimension: Greatest height, 14.8 cm.
Provenience: Round Valley, Arizona.

Figure 3: No. 81851
Description: Pitcher; all-over design and effigy handle.
Dimension: Greatest height, 12 cm.

Figure 4: No. 75008
Description: Pitcher.
Dimension: Greatest height, 15 cm.
Provenience: Round Valley, Arizona.

Figure 5: No. 75018
Description: Pitcher; full effigy handle.
Dimension: Greatest height, 13.4 cm.
Provenience: Round Valley, Arizona.

Figure 6: No. 74989
Description: Pitcher.
Dimension: Greatest height, 22.8 cm.
Provenience: Round Valley, Arizona.

Figure 7: No. 81686
Description: Pitcher. Type uncertain.
Dimension: Greatest height, 20.5 cm.
PLATE 78: RESERVE BLACK-ON-WHITE

Cibola Branch

FIGURE 1: No. 75177
Description: Bowl. Note Mimbres Bold Face shape.
Dimension: Greatest diameter, 20 cm.
Provenience: Round Valley, Arizona.

FIGURE 2: No. 75050
Description: Bowl.
Dimension: Greatest diameter, 18.2 cm.
Provenience: Round Valley, Arizona.

FIGURE 3: No. 74438
Description: Bowl; warped.
Dimension: Greatest diameter, 22.5 cm.
Provenience: Ojo Caliente, New Mexico.

FIGURE 4: No. 75187
Description: Bowl. Note Mimbres Bold Face shape.
Dimension: Greatest diameter, 24.8 cm.
Provenience: Hard Scrabble, Arizona.

FIGURE 5: No. 75185
Description: Bowl.
Dimension: Greatest diameter, 26.7 cm.
Provenience: Hard Scrabble, Arizona.

FIGURE 6: No. 81629
Description: Bowl; warped.
Dimension: Greatest diameter, 26 cm.
PLATE 79: RESERVE BLACK-ON-WHITE

*Cibola Branch*

**Figure 1:** No. 73684

*Description:* Pitcher. Type uncertain.
*Dimension:* Greatest height, 18.7 cm.
*Provenience:* San Cosmos, Arizona.

**Figure 2:** No. 21233

*Description:* Pitcher; handle missing. Type uncertain.
*Dimension:* Greatest height, 15.5 cm.
*Provenience:* New Mexico.

**Figure 3:** No. 21110

*Description:* Canteen; two vertical loop handles. Type uncertain.
*Dimension:* Greatest height, 14.5 cm.
*Provenience:* Hopi country, Arizona.

**Figure 4:** No. 74782

*Description:* Canteen; two vertical loop handles. Type uncertain.
*Dimension:* Greatest height, 16.2 cm.
*Provenience:* X Ranch, Arizona.

**Figure 5:** No. 74567

*Description:* Canteen; two lug handles perforated vertically. Type uncertain.
*Dimension:* Greatest height, 13.7 cm.
*Provenience:* Ojo Caliente, New Mexico.

**Figure 6:** No. 73936

*Description:* Pitcher; effigy handle. Type uncertain (cf. Plate 121, Fig. 2, Snowflake Black-on-White).
*Dimension:* Greatest height, 19.6 cm.
*Provenience:* San Cosmos, Arizona.

**Figure 7:** No. 75023

*Description:* Pitcher. Type uncertain (cf. Plate 121, Fig. 2, Snowflake Black-on-White).
*Dimension:* Greatest height, 18.8 cm.
*Provenience:* Round Valley, Arizona.
PLATE 80: RESERVE BLACK-ON-WHITE
Cibola Branch

Figure 1: No. 75077
Description: Ladle.
Dimension: Greatest diameter of bowl, 13.2 cm.
Provenience: Round Valley, Arizona.

Figure 2: No. 74996
Description: Eccentric vessel, tri-lobed.
Dimension: Greatest height, 10 cm.
Provenience: Round Valley, Arizona.

Figure 3: No. 75073
Description: Ladle.
Dimension: Greatest diameter of bowl, 17.1 cm.
Provenience: Round Valley, Arizona.

Figure 4: No. 74830
Description: Miniature jar; eccentric shape.
Dimension: Greatest height, 10.1 cm.
Provenience: Ojo Bonito, New Mexico.

Figure 5: No. 75024
Description: Miniature pitcher; originally had single lug handle.
Dimension: Greatest height, 10.6 cm.
Provenience: Round Valley, Arizona.

Figure 6: No. 73792
Description: Miniature bottle.
Dimension: Greatest height, 9 cm.
Provenience: San Cosmos, Arizona.

Figure 7: No. 73795
Description: Miniature pitcher; effigy handle.
Dimension: Greatest height, 9.6 cm.
Provenience: San Cosmos, Arizona.

Figure 8: No. 75033
Description: Miniature pitcher; animistic design on handle.
Dimension: Greatest height, 10 cm.
Provenience: Round Valley, Arizona.

Figure 9: No. 74580
Description: Miniature pitcher; effigy superimposed on handle.
Dimension: Greatest height, excluding handle, 9.6 cm.
Provenience: Ojo Caliente, New Mexico.

Figure 10: No. 75026
Description: Miniature pitcher.
Dimension: Greatest height, 9.3 cm.
Provenience: Round Valley, Arizona.
PLATE 81: TULAROSA BLACK-ON-WHITE
Cibola Branch

Figure 1: No. 73978
Description: Pitcher.
Dimension: Greatest height, 16.2 cm.
Provenience: San Cosmos, Arizona.

Figure 2: No. 74118
Description: Bowl.
Dimension: Greatest diameter, 22.9 cm.
Provenience: San Cosmos, Arizona.

Figure 3: No. 21235
Description: Pitcher; effigy handle.
Dimension: Greatest height, 10.4 cm.
Provenience: New Mexico.

Figure 4: No. 72499
Description: Bowl; panel of opposed terraces on exterior.
Dimension: Greatest diameter, 23.1 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 5: No. 21258
Description: Bowl; reddish brown paint.
Dimension: Greatest diameter, 10.7 cm.
Provenience: New Mexico.

Figure 6: No. 73759
Description: Pitcher; full-effigy handle.
Dimension: Greatest height, 14.1 cm.
Provenience: San Cosmos, Arizona.

Figure 7: No. 73755
Description: Pitcher; full-effigy handle.
Dimension: Greatest height, excluding handle, 16.2 cm.
Provenience: San Cosmos, Arizona.

Figs. 1–2 show use of spirals, Figs. 3–5 the terraced form, and Figs. 6–7 a basket-weave effect.
PLATE 82: TULAROSA BLACK-ON-WHITE
Cibola Branch

Figure 1: No. 73935
Description: Pitcher; effigy handle.
Dimension: Greatest height, 16.4 cm.
Provenience: San Cosmos, Arizona.

Figure 2: No. 75043
Description: Pitcher. Note complexity of design.
Dimension: Greatest height, 14 cm.
Provenience: Round Valley, Arizona.

Figure 3: No. 21260
Description: Bowl.
Dimension: Greatest diameter, 22.6 cm.
Provenience: New Mexico.

Figure 4: No. 74157
Description: Bowl.
Dimension: Greatest diameter, 22.3 cm.
Provenience: San Cosmos, Arizona.

Figure 5: No. 73673
Description: Bottle; eccentric shape. Note how design conforms to shape.
Dimension: Greatest height, 16.7 cm.
Provenience: San Cosmos, Arizona.

Figure 6: No. 73918
Description: Pitcher.
Dimension: Greatest height, 15 cm.
Provenience: San Cosmos, Arizona.

Figs. 1–2 have longitudinal hachure, Figs. 3–4 diagonal hachure, and Figs. 5–6 squiggly hachure.
PLATE 83: TULAROSA BLACK-ON-WHITE

Cibola Branch

Figure 1: No. 73715
   Description: Pitcher; handle missing.
   Dimension: Greatest height, 14 cm.
   Provenience: San Cosmos, Arizona.

Figure 2: No. 74583
   Description: Pitcher.
   Dimension: Greatest height, 13.9 cm.
   Provenience: Ojo Caliente, New Mexico.

Figure 3: No. 73953
   Description: Pitcher; effigy handle.
   Dimension: Greatest height, 15.1 cm.
   Provenience: San Cosmos, Arizona.

Figure 4: No. 74560
   Description: Seed jar; remnant of single handle ground down by ancient owner.
   Dimension: Greatest height, 11.6 cm.
   Provenience: Ojo Caliente, New Mexico.

Figure 5: No. 73670
   Description: Pitcher; full effigy handle.
   Dimension: Greatest height, 11.6 cm.
   Provenience: San Cosmos, Arizona.

Figure 6: No. 73678
   Description: Pitcher.
   Dimension: Greatest height, 14.8 cm.
   Provenience: San Cosmos, Arizona.

Figure 7: No. 74977
   Description: Pitcher; handle missing.
   Dimension: Greatest height, 14.3 cm.
   Provenience: Round Valley, Arizona.

Figs. 1–2 show variations of checkerboard, Figs. 3–5 use of fine line work, and Figs. 6–7 variations of cross motif.

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PLATE 84: TULAROSA BLACK-ON-WHITE

Cibola Branch

Figure 1: No. 73768
   Description: Jar.
   Dimension: Greatest height, 15.7 cm.
   Provenience: San Cosmos, Arizona.

Figure 2: No. 74559
   Description: Seed jar; single mushroom handle.
   Dimension: Greatest height, excluding handle, 11 cm.
   Provenience: Ojo Caliente, New Mexico.

Figure 3: No. 75039
   Description: Eccentric-shaped bottle.
   Dimension: Greatest height, 10.2 cm.
   Provenience: Round Valley, Arizona.

Figure 4: No. 73776
   Description: Seed jar; unusual rim.
   Dimension: Greatest height, 11.8 cm.
   Provenience: San Cosmos, Arizona.

Figure 5: No. 73662
   Description: Canteen; two mushroom handles.
   Dimension: Greatest height, 12.2 cm.
   Provenience: San Cosmos, Arizona.

Figure 6: No. 73674
   Description: Pitcher; four-lobed body and effigy handle.
   Dimension: Greatest height, 12.2 cm.
   Provenience: San Cosmos, Arizona.

Figure 7: No. 74579
   Description: Pitcher; unusual shape. Single handle now missing.
   Dimension: Greatest height, 10.5 cm.
   Provenience: Ojo Caliente, New Mexico.

Figure 8: No. 73789
   Description: Seed jar. Note unusual manner in which decoration terminates.
   Dimension: Greatest height, 14.5 cm.
   Provenience: San Cosmos, Arizona.

Figure 9: No. 21244
   Description: Pitcher; four-lobed body and single mushroom handle.
   Dimension: Greatest height, 10.1 cm.
   Provenience: New Mexico.

This plate shows the major variations in shape in this type, other than the ordinary bowl and pitcher.
PLATE 85: TULAROSA BLACK-ON-WHITE
Cibola Branch

Figure 1: No. 73858
Description: Ladle; handle, in section, is square Ω, open side down.
Dimension: Greatest length, 23.9 cm.
Provenience: San Cosmos, Arizona.

Figure 2: No. 73863
Description: Ladle; perforated handle.
Dimension: Greatest length, 16.2 cm.
Provenience: San Cosmos, Arizona.

Figure 3: No. 73852
Description: Ladle.
Dimension: Greatest length, 20.4 cm.
Provenience: San Cosmos, Arizona.

Figure 4: No. 73882
Description: Ladle; handle missing.
Dimension: Greatest diameter of bowl, 9.6 cm.
Provenience: San Cosmos, Arizona.

Figure 5: No. 74864
Description: Ladle.
Dimension: Greatest diameter of bowl, 12.2 cm.
Provenience: Ojo Bonito, New Mexico.

Figure 6: No. 73883
Description: Ladle; effigy handle.
Dimension: Greatest length, 17.1 cm.
Provenience: San Cosmos, Arizona.

Figure 7: No. 73887
Description: Ladle; butterfly (?) in center.
Dimension: Greatest diameter of bowl, 12.1 cm.
Provenience: San Cosmos, Arizona.

Figure 8: No. 75082
Description: Ladle; rattle in effigy handle.
Dimension: Greatest length, 20 cm.
Provenience: Round Valley, Arizona.

Figure 9: No. 75085
Description: Ladle; unusual open handle.
Dimension: Greatest length, 14.2 cm.
Provenience: Round Valley, Arizona.

Figure 10: No. 73891
Description: Ladle; rattle in effigy handle.
Dimension: Greatest length, 19.1 cm.
Provenience: San Cosmos, Arizona.
PLATE 86: TULAROSA BLACK-ON-WHITE

Cibola Branch

Figure 1: No. 74839
Description: Pitcher; painted decoration inside neck. Type uncertain; may be Reserve Black-on-White.
Dimension: Greatest height, 14.5 cm.
Provenience: Ojo Bonito, New Mexico.

Figure 2: No. 73773
Description: Pitcher. Type uncertain; may be Reserve Black-on-White.
Dimension: Greatest height, 14.3 cm.
Provenience: San Cosmos, Arizona.

Figure 3: No. 75006
Description: Pitcher. Type uncertain; may be Reserve Black-on-White.
Dimension: Greatest height, 14.1 cm.
Provenience: Round Valley, Arizona.

Figure 4: No. 73765
Description: Pitcher.
Dimension: Greatest height, 16.7 cm.
Provenience: San Cosmos, Arizona.

The four pitchers shown on this plate possess a unique “sprinkler” type of handle. So far as our knowledge of the literature of Anasazi pottery goes, such handles have never before been reported. Each one is perforated through into the body of the pitcher, allowing water to pass easily. Figs. 1 and 2 have fan-shaped handles. The handle of Fig. 3 is a full-effigy shape, while the strap handle of Fig. 4 has an unusual double joining at its top end.
PLATE S7: TULAROSA BLACK-ON-WHITE

Cibola Branch

Figure 1: No. 73967
Description: Ring-shaped vessel; hollow throughout.
Dimension: Greatest diameter, 15.3 cm.
Provenience: San Cosmos, Arizona.

Figure 2: No. 73897
Description: Ladle; snake effigy superimposed on handle, head at bowl end.
Dimension: Greatest length, 17.4 cm.
Provenience: San Cosmos, Arizona.

Figure 3: No. 73687
Description: Tri-lobed vessels, divided into three sections inside, also. All three lobes decorated differently.
Dimension: Greatest height, 9.8 cm.
Provenience: San Cosmos, Arizona.

Figure 4: No. 73984
Description: "Sheep" effigy; four legs missing.
Dimension: Greatest length, 15 cm.
Provenience: San Cosmos, Arizona.

Figure 5: No. 73986
Description: Animal effigy. Type uncertain.
Dimension: Greatest height, 13.2 cm.
Provenience: San Cosmos, Arizona.

Figure 6: No. 73988
Description: Animal effigy; four legs missing.
Dimension: Greatest height, 11 cm.
Provenience: San Cosmos, Arizona.

Figure 7: No. 73985
Description: "Duck" effigy.
Dimension: Greatest height, 13.2 cm.
Provenience: San Cosmos, Arizona.

Figure 8: No. 21044
Description: Head of wolf-effigy vessel.
Dimension: Greatest length, 9.9 cm.
Provenience: Hopi country, Arizona.

Figure 9: No. 74555
Description: Duck-shaped vessel; animal head handle.
Dimension: Greatest length, 21.4 cm.
Provenience: Ojo Caliente, New Mexico.
PLATE 88: TULAROSA BLACK-ON-WHITE

Cibola Branch

Figure 1: No. 73830
Description: Miniature pitcher.
Dimension: Greatest height, 7.8 cm.
Provenience: San Cosmos, Arizona.

Figure 2: No. 73806
Description: Miniature pitcher; full-effigy handle.
Dimension: Greatest height, 8.5 cm.
Provenience: San Cosmos, Arizona.

Figure 3: No. 73809
Description: Miniature pitcher; effigy handle.
Dimension: Greatest height, 7.1 cm.
Provenience: San Cosmos, Arizona.

Figure 4: No. 73800
Description: Miniature canteen; vertical loop handles, one missing.
Dimension: Greatest height, 7.2 cm.
Provenience: San Cosmos, Arizona.

Figure 5: No. 75089
Description: Miniature ladle; snake effigy on handle.
Dimension: Greatest length, 8.4 cm.
Provenience: Round Valley, Arizona.

Figure 6: No. 73996
Description: Miniature duck-shaped vessel.
Dimension: Greatest length, 5.7 cm.
Provenience: San Cosmos, Arizona.

Figure 7: No. 73821
Description: Miniature jar.
Dimension: Greatest height, 7.3 cm.
Provenience: San Cosmos, Arizona.

Figure 8: No. 21242
Description: Miniature pitcher; full bird-effigy handle.
Dimension: Greatest height, 9.9 cm.
Provenience: New Mexico.

Figure 9: No. 75034
Description: Miniature bottle.
Dimension: Greatest diameter, 9.7 cm.
Provenience: Round Valley, Arizona.

Figure 10: No. 21252
Description: Miniature duck-shaped pitcher; effigy handle.
Dimension: Greatest height, 9.5 cm.
Provenience: New Mexico.

Figure 11: No. 73829
Description: Miniature pitcher.
Dimension: Greatest height, 7.7 cm.
Provenience: San Cosmos, Arizona.

Figure 12: No. 74831
Description: Miniature pitcher; handle missing.
Dimension: Greatest height, 7 cm.
Provenience: Ojo Bonito, New Mexico.

Figure 13: No. 21247
Description: Miniature jar; eccentric shape.
Dimension: Greatest height, 7.2 cm.
Provenience: New Mexico.

Figure 14: No. 73808
Description: Miniature pitcher; effigy handle.
Dimension: Greatest height, 7.7 cm.
Provenience: San Cosmos, Arizona.
PLATE 89: WINGATE BLACK-ON-RED
Cibola Branch(?)

Figure 1: No. 73680
Description: Pitcher; effigy handle (cf. Plate 81, Fig. 1). Color 4 F 10.
Dimension: Greatest height, 15.2 cm.
Provenience: San Cosmos, Arizona.

Figure 2: No. 74017
Description: Pitcher; twisted handle (cf. Plate 81, Fig. 1). Color 4 F 11.
Dimension: Greatest height, 15.1 cm.
Provenience: San Cosmos, Arizona.

Figure 3: No. 74013
Description: Pitcher; full-effigy handle (cf. Plate 81, Fig. 1). Color 4 G 11.
Dimension: Greatest height, 16.6 cm.
Provenience: San Cosmos, Arizona.

Figure 4: No. 74009
Description: Pitcher; effigy handle (cf. Plate 81, Fig. 1). Color 4 C 11.
Dimension: Greatest height, 13.5 cm.
Provenience: San Cosmos, Arizona.

Figure 5: No. 74019
Description: Pitcher (cf. body design with Plate 81, Fig. 1, and handle design with Plate 88, Fig. 11). Color 4 F 11.
Dimension: Greatest height, 19.1 cm.
Provenience: San Cosmos, Arizona.

Figure 6: No. 74012
Description: Pitcher; large effigy handle (cf. body and neck design with Plate 81, Fig. 1). Color 5 E 11.
Dimension: Greatest height, excluding handle, 18.3 cm.
Provenience: San Cosmos, Arizona.
PLATE 90: WINGATE BLACK-ON-RED

*Cibola Branch*?

**Figure 1:** No. 74037  
*Description:* Bowl. Color 4 A 11 (cf. Plate 84, Fig. 8).  
*Dimension:* Greatest diameter, 29.8 cm.  
*Provenience:* San Cosmos, Arizona.

**Figure 2:** No. 74049  
*Description:* Bowl. Color 4 G 11 (cf. Plate 82, Fig. 4).  
*Dimension:* Greatest diameter, 29.7 cm.  
*Provenience:* San Cosmos, Arizona.

**Figure 3:** No. 74057  
*Description:* Bowl. Color 4 A 11 (cf. Plate 82, Fig. 4).  
*Dimension:* Greatest diameter, 31.7 cm.  
*Provenience:* San Cosmos, Arizona.

**Figure 4:** No. 74062  
*Description:* Bowl. Color 4 E 11 (cf. *hachure* with Plate 84, Fig. 8).  
*Dimension:* Greatest diameter, 32.9 cm.  
*Provenience:* San Cosmos, Arizona.

**Figure 5:** No. 74192  
*Description:* Bowl; very worn. Color 5 F 11 (cf. with one design element in Plate 81, Fig. 4).  
*Dimension:* Greatest diameter, 32.5 cm.  
*Provenience:* San Cosmos, Arizona.

**Figure 6:** No. 74181  
*Description:* Bowl. Color 4 D 11 (cf. *hachure* with Plate 82, Fig. 1).  
*Dimension:* Greatest diameter, 32.2 cm.  
*Provenience:* San Cosmos, Arizona.
PLATE 91: WINGATE BLACK-ON-RED

_Cibola Branch(?)_

**Figure 1:** No. 74094

*Description:* Pitcher; unusual handle. Color 5 H 11.
*Dimension:* Greatest height, 11.3 cm.
*Provenience:* San Cosmos, Arizona.

**Figure 2:** No. 74812

*Description:* Pitcher; full-effigy handle, head missing. Slight trace of white outlines used in neck design. Color 4 B 11. Type uncertain.
*Dimension:* Greatest height, 11 cm.
*Provenience:* Ojo Bonito, New Mexico.

**Figure 3:** No. 74901

*Description:* Pitcher; eccentric handle on which white paint is used. In the collection, but not illustrated, is a Tularosa Black-on-White pitcher with such a handle (cf. body design with Plate 84, Fig. 8). Color 5 B 12.
*Dimension:* Greatest height, 15.4 cm.
*Provenience:* Round Valley, Arizona.

**Figure 4:** No. 74016

*Description:* Pitcher; full-effigy handle, head missing (cf. Plate 84, Fig. 4). Color 4 D 11.
*Dimension:* Greatest height, 15.1 cm.
*Provenience:* San Cosmos, Arizona.

**Figure 5:** No. 74014

*Description:* Pitcher. Color 4 G 11.
*Dimension:* Greatest height, 15.9 cm.
*Provenience:* San Cosmos, Arizona.

**Figure 6:** No. 74024

*Description:* Jar; sub-glaze black paint. Color 5 D 11. Type uncertain.
*Dimension:* Greatest height, 14.4 cm.
*Provenience:* San Cosmos, Arizona.
PLATE 92: WINGATE BLACK-ON-RED

Cibola Branch(?)

Figure 1: No. 74904
Description: Bowl (cf. Plate 82, Fig. 3). Color 4 F 11.
Dimension: Greatest diameter, 20.8 cm.
Provenience: Round Valley, Arizona.

Figure 2: No. 74891
Description: Bowl. Color 4 I 11.
Dimension: Greatest diameter, 16.7 cm.
Provenience: Ojo Bonito, New Mexico.

Figure 3: No. 74919
Description: Bowl (cf. Plate 82, Fig. 4). Color 4 E 11.
Dimension: Greatest diameter, 19.9 cm.
Provenience: Round Valley, Arizona.

Figure 4: No. 74920
Description: Bowl (cf. Plate 82, Fig. 3). Color 4 I 10.
Dimension: Greatest diameter, 24.2 cm.
Provenience: Round Valley, Arizona.

Figure 5: No. 74169
Description: Bowl (cf. Plate 82, Fig. 4). Color 4 A 12.
Dimension: Greatest diameter, 23.4 cm.
Provenience: San Cosmos, Arizona.

Figure 6: No. 74903
Description: Bowl. Color 3 B 11.
Dimension: Greatest diameter, 21.7 cm.
Provenience: Round Valley, Arizona.

Figure 7: No. 81529
Description: Bowl; single solid design element on exterior like one barely visible in center of interior. Color 3 H 11. Type uncertain.
Dimension: Greatest diameter, 15.2 cm.
Provenience: Chaco Canyon, New Mexico.

Figure 8: No. 74444
Description: Bowl (cf. Plate 84, Fig. 4). Color 4 E 11.
Dimension: Greatest diameter, 22.3 cm.
Provenience: Ojo Caliente, New Mexico.
PLATE 93: WINGATE BLACK-ON-RED

Cibola Branch (?)

FIGURE 1: No. 74795
Description: Bowl. Color 5 H 11. Type uncertain.
Dimension: Greatest diameter, 29.4 cm.
Provenience: X Ranch, Arizona.

FIGURE 2: No. 74172
Description: Bowl. Color 5 E 10. Type uncertain.
Dimension: Greatest diameter, 28.9 cm.
Provenience: San Cosmos, Arizona.

FIGURE 3: No. 75136
Description: Bowl (cf. Plate 81, Fig. 1). Color 5 E 10.
Dimension: Greatest diameter, 24.9 cm.
Provenience: Mesa Redonda, Arizona.

FIGURE 4: No. 74186
Description: Bowl; sub-glaze black paint. Color 6 F 11. Type uncertain.
Dimension: Greatest diameter, 21.4 cm.
Provenience: San Cosmos, Arizona.

FIGURE 5: No. 74926
Description: Bowl (cf. design element with that illustrated in Plate 85, Fig. 8). Color 4 C 11.
Dimension: Greatest diameter, 32.1 cm.
Provenience: Round Valley, Arizona.

FIGURE 6: No. 74120
Description: Bowl; sub-glaze paint (cf. round design element at bottom of picture with one on Plate 83, Fig. 6). Color (on exterior) 5 C 12. Type uncertain.
Dimension: Greatest diameter, 31.4 cm.
Provenience: San Cosmos, Arizona.
PLATE 94: WINGATE BLACK-ON-RED

Cibola Branch (?)

Figure 1: No. 74028
Description: Jar (for design similar in outline cf. Plate 88, Fig. 2). Color 5 G 10.
Dimension: Greatest height, 7.6 cm.
Provenience: San Cosmos, Arizona.

Figure 2: No. 73965
Description: Ring-shaped vessel; hollow throughout (cf. shape with Plate 87, Fig. 1).
   Color 5 E 11.
Dimension: Greatest diameter, 14.7 cm.
Provenience: San Cosmos, Arizona.

Figure 3: No. 74011
Description: Pitcher; effigy handle (cf. handle with Plate 88, Fig. 3).
   Color 4 G 12.
Dimension: Greatest height, 7.1 cm.
Provenience: San Cosmos, Arizona.

Figure 4: No. 73869
Description: Ladle; turned-up end. Rattle in handle. Color 5 D 11.
Dimension: Greatest length, 15.4 cm.
Provenience: San Cosmos, Arizona.

Figure 5: No. 73861
Description: Ladle; effigy handle (cf. handle with that on Plate 85, Figs. 6 and 8).
   Sub-glaze black paint. Color 5 H 10.
Dimension: Greatest length, 20.2 cm.
Provenience: San Cosmos, Arizona.

Figure 6: No. 73878
Description: Ladle; rattle in handle (cf. bowl design with Plate 82, Fig. 4, and handle design with Plate 85, Fig. 6).
   Color 3 B 11.
Dimension: Greatest length, 27.2 cm.
Provenience: San Cosmos, Arizona.

Figure 7: No. 74877
Description: Ladle (cf. with Plate 85, Fig. 6). Effigy handle? Color 4 C 11.
Dimension: Greatest length, 16.4 cm.
Provenience: Ojo Bonito, New Mexico.

Figure 8: No. 72391
Description: Ladle; miniature, with turned-up handle (cf. fine line work in bowl with Plate 83, Fig. 3).
   Color 4 A 11.
Dimension: Greatest length, 11 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 9: No. 73675
Description: Pitcher; four-lobed body and effigy handle (cf. with Plate 84, Fig. 6).
   Color 3 C 11.
Dimension: Greatest height, 12.8 cm.
Provenience: San Cosmos, Arizona.

Figure 10: No. 73688
Description: Pitcher; with tri-lobed body. Color 5 G 11. Type uncertain.
Dimension: Greatest height, 10.6 cm.
Provenience: San Cosmos, Arizona.

Figure 11: No. 74015
Description: Canteen; full-effigy handles, one missing (cf. design with Plate 83, Fig. 5 and shape with Plate 84, Fig. 5).
   Color 5 B 11.
Dimension: Greatest height, 14.4 cm.
Provenience: San Cosmos, Arizona.
PLATE 95: WINGATE BLACK-ON-RED(?)

Cibola Branch(?)

Figure 1: No. 74810
Description: Pitcher; handle missing. Color, 5 F 11.
Dimension: Greatest height, 17.4 cm.
Provenience: Ojo Bonito, New Mexico.

Figure 2: No. 74006
Description: Pitcher; effigy handle. Color, 5 B 10.
Dimension: Greatest height, 10.4 cm.
Provenience: San Cosmos, Arizona.

Figure 3: No. 74922
Description: Bowl. Color, 4 H 11.
Dimension: Greatest diameter, 34 cm.
Provenience: Round Valley, Arizona.

Figure 4: No. 74908
Description: Bowl. Color, 5 G 10.
Dimension: Greatest diameter, 21.9 cm.
Provenience: Round Valley, Arizona.

Figure 5: No. 74168
Description: Bowl. Color, 5 H 11.
Dimension: Greatest diameter, 25.5 cm.
Provenience: San Cosmos, Arizona.

The specimens here shown seem closely related, in design and technique, to Reserve Black-on-White.
PLATE 96: WINGATE BLACK-ON-RED

Cibola Branch(?)

FIGURE 1: No. 74897
Description: Seed jar. Color, 5 F 11.
Dimension: Greatest height, 18.8 cm.
Provenience: Round Valley, Arizona.

FIGURE 2: No. 73790
Description: Seed jar. Color, 5 F 11.
Dimension: Greatest height, 12.6 cm.
Provenience: San Cosmos, Arizona.

FIGURE 3: No. 74218
Description: Bowl. Color, 5 F 11.
Dimension: Greatest diameter, 23.6 cm.
Provenience: San Cosmos, Arizona.

FIGURE 4: No. 74914
Description: Bowl. Color, 4 H 11.
Dimension: Greatest diameter, 28.5 cm.
Provenience: Round Valley, Arizona.

FIGURE 5: No. 74796
Description: Bowl. Color, 5 G 11.
Dimension: Greatest diameter, 34.4 cm.
Provenience: X Ranch, Arizona.

FIGURE 6: No. 74915
Description: Bowl. Color, 5 E 10.
Dimension: Greatest diameter, 30.1 cm.
Provenience: Round Valley, Arizona.

This is the one plate included in this section which answers to the color description of Wingate Black-on-Red already published.

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PLATE 97: ST. JOHNS POLYCHROME

Cibola Branch

Figure 1: No. 74138
Description: Bowl.
Dimension: Greatest diameter, 27.7 cm.
Provenience: San Cosmos, Arizona.

Figure 2: No. 74130
Description: Bowl.
Dimension: Greatest diameter, 30 cm.
Provenience: San Cosmos, Arizona.

Figure 3: No. 74164
Description: Bowl.
Dimension: Greatest diameter, 23.9 cm.
Provenience: San Cosmos, Arizona.

Figure 4: No. 74132
Description: Bowl.
Dimension: Greatest diameter, 15.2 cm.
Provenience: San Cosmos, Arizona.

Figure 5: No. 75194
Description: Bowl.
Dimension: Greatest diameter, 22.1 cm.
Provenience: Mesa Redonda, Arizona.

Figure 6: No. 74179
Description: Bowl; unusually deep.
Dimension: Greatest diameter, 33.6 cm.
Provenience: San Cosmos, Arizona.

Figure 7: No. 74114
Description: Bowl.
Dimension: Greatest diameter, 32.6 cm.
Provenience: San Cosmos, Arizona.
PLATE 98: ST. JOHNS POLYCHROME

*Cibola Branch*

**Figure 1:** No. 74197
*Description:* Bowl.
*Dimension:* Greatest diameter, 15.3 cm.
*Provenience:* San Cosmos, Arizona.

**Figure 2:** No. 74174
*Description:* Bowl.
*Dimension:* Greatest diameter, 19.9 cm.
*Provenience:* San Cosmos, Arizona.

**Figure 3:** No. 74129
*Description:* Bowl; narrow black lines used in exterior decoration.
*Dimension:* Greatest diameter, 14 cm.
*Provenience:* San Cosmos, Arizona.

**Figure 4:** No. 74124
*Description:* Bowl.
*Dimension:* Greatest diameter, 22.1 cm.
*Provenience:* San Cosmos, Arizona.

**Figure 5:** No. 74091
*Description:* Bowl; black paint used to outline white "paw" designs on exterior.
*Dimension:* Greatest diameter, 22.6 cm.
*Provenience:* San Cosmos, Arizona.

**Figure 6:** No. 74847
*Description:* Bowl.
*Dimension:* Greatest diameter, 18 cm.
*Provenience:* Ojo Bonito, New Mexico.

**Figure 7:** No. 74745
*Description:* Bowl.
*Dimension:* Greatest diameter, 21.1 cm.
*Provenience:* X Ranch, Arizona.

**Figure 8:** No. 74152
*Description:* Bowl; rattle in raised center of interior.
*Dimension:* Greatest diameter, 16.8 cm.
*Provenience:* San Cosmos, Arizona.
PLATE 99: ST. JOHNS POLYCHROME

*Cibola Branch*

**Figure 1:** No. 74092

*Description:* Bowl.
*Dimension:* Greatest diameter, 27.2 cm.
*Provenience:* San Cosmos, Arizona.

**Figure 2:** No. 75186

*Description:* Bowl.
*Dimension:* Greatest diameter, 26.2 cm.
*Provenience:* Hard Scrabble, Arizona.

**Figure 3:** No. 74052

*Description:* Bowl; sub-glaze paint.
*Dimension:* Greatest diameter, 29.4 cm.
*Provenience:* San Cosmos, Arizona.

**Figure 4:** No. 74193

*Description:* Bowl; sub-glaze paint.
*Dimension:* Greatest diameter, 27.4 cm.
*Provenience:* San Cosmos, Arizona.

**Figure 5:** No. 74215

*Description:* Bowl; sub-glaze paint.
*Dimension:* Greatest diameter, 30.6 cm.
*Provenience:* San Cosmos, Arizona.

**Figure 6:** No. 75134

*Description:* Bowl; unusually deep.
*Dimension:* Greatest diameter, 29.4 cm.
*Provenience:* Mesa Redonda, Arizona.
PLATE 100: ST. JOHNS POLYCHROME
WITH SUB-GLAZE PAINT

(See Figs. 3, 4, and 5 of Plate 99 for more examples of this variant)

Cibola Branch

Figure 1: No. 74059
Description: Bowl.
Dimension: Greatest diameter, 22.6 cm.
Provenience: San Cosmos, Arizona.

Figure 2: No. 74033
Description: Bowl.
Dimension: Greatest diameter, 18.8 cm.
Provenience: San Cosmos, Arizona.

Figure 3: No. 74042
Description: Bowl.
Dimension: Greatest diameter, 23.8 cm.
Provenience: San Cosmos, Arizona.

Figure 4: No. 74050
Description: Bowl.
Dimension: Greatest diameter, 27.5 cm.
Provenience: San Cosmos, Arizona.

Figure 5: No. 74140
Description: Bowl.
Dimension: Greatest diameter, 33.6 cm.
Provenience: San Cosmos, Arizona.

Figure 6: No. 74080
Description: Bowl.
Dimension: Greatest diameter, 29 cm.
Provenience: San Cosmos, Arizona.
PLATE 101: ST. JOHNS POLYCHROME

WITH ATYPICAL ADDITION OF WHITE TO INTERIOR DECORATION

Cibola Branch

FIGURE 1: No. 74163
Description: Bowl; two white medallions and white base on exterior.
Dimension: Greatest diameter, 17.9 cm.
Provenience: San Cosmos, Arizona.

FIGURE 2: No. 74060
Description: Bowl; no exterior decoration. Type uncertain.
Dimension: Greatest diameter, 24.1 cm.
Provenience: San Cosmos, Arizona.

FIGURE 3: No. 74123
Description: Bowl.
Dimension: Greatest diameter, 16.6 cm.
Provenience: San Cosmos, Arizona.

FIGURE 4: No. 74109
Description: Bowl; faint traces of white outlines on interior, no decoration on exterior.
Type uncertain.
Dimension: Greatest diameter, 27 cm.
Provenience: San Cosmos, Arizona.

FIGURE 5: No. 74087
Description: Bowl.
Dimension: Greatest diameter, 29.2 cm.
Provenience: San Cosmos, Arizona.

FIGURE 6: No. 74439
Description: Bowl.
Dimension: Greatest diameter, 21.7 cm.
Provenience: Ojo Caliente, New Mexico.

FIGURE 7: No. 74191
Description: Bowl.
Dimension: Greatest diameter, 28.1 cm.
Provenience: San Cosmos, Arizona.

FIGURE 8: No. 72205
Description: Bowl; sub-glaze black paint.
Dimension: Greatest diameter, 22.2 cm.
Provenience: Homolovi (No. 1), Arizona.
PLATE 102: QUERINO AND HOUCK POLYCHROMES

Cibola Branch

Figure 1: No. 74103
Description: Bowl; top and side views. No exterior light-colored slip noticeable; red slip very thick. Type uncertain; may be Houck Polychrome.
Dimension: Greatest diameter, 21.5 cm.
Provenience: San Cosmos, Arizona.

Figure 2: No. 74917
Description: Bowl; top and side views. Both light and red slips very thick. Querino Polychrome.
Dimension: Greatest diameter, 22.9 cm.
Provenience: Round Valley, Arizona.

Figure 3: No. 74177
Description: Bowl; top and side views. Querino Polychrome.
Dimension: Greatest diameter, 21.4 cm.
Provenience: San Cosmos, Arizona.

Figure 4: No. 74220
Description: Bowl; top and side views. Note use of black outlines on exterior. Type uncertain, but may be Querino Polychrome.
Dimension: Greatest diameter, 30 cm.
Provenience: San Cosmos, Arizona.

Figure 5: No. 74212
Description: Bowl; top and side views. Houck Polychrome.
Dimension: Greatest diameter, 30.2 cm.
Provenience: San Cosmos, Arizona.
PLATE 103: PINEDALE POLYCHROME

*Cibola Branch*

**Figure 1:** No. 72241

*Description:* Bowl; white outlines for black medallions on exterior.

*Dimension:* Greatest diameter, 25.8 cm.

*Provenience:* Homolovi (No. 1), Arizona.

**Figure 2:** No. 74067

*Description:* Bowl; no evidence of white paint, but otherwise fits description of Pinedale Polychrome. This type sometimes called Pinedale Black-on-Red (Colton and Hargrave, 1937).

*Dimension:* Greatest diameter, 23.8 cm.

*Provenience:* San Cosmos, Arizona.

**Figure 3:** No. 74173

*Description:* Bowl; white outlines for black medallions on exterior.

*Dimension:* Greatest diameter, 31 cm.

*Provenience:* San Cosmos, Arizona.

**Figure 4:** No. 74029

*Description:* Bowl; white outlines for black panel on exterior.

*Dimension:* Greatest diameter, 28.2 cm.

*Provenience:* San Cosmos, Arizona.

**Figure 5:** No. 74095

*Description:* Bowl; white outlines for black medallions on exterior, some white outlines on interior.

*Dimension:* Greatest diameter, 33.6 cm.

*Provenience:* San Cosmos, Arizona.

**Figure 6:** No. 74189

*Description:* Bowl; white outlines for black medallions on exterior.

*Dimension:* Greatest diameter, 32.1 cm.

*Provenience:* San Cosmos, Arizona.
PLATE 104: PINEDALE POLYCHROME  
*Cibola Branch*

**Figure 1:** No. 84771  
*Description:* Bowl; sub-glaze black paint, white outlines for exterior black panel.  
*Dimension:* Greatest diameter, 22 cm.  
*Provenience:* East Fork of White River, Arizona.

**Figure 2:** No. 74807  
*Description:* Jar; sub-glaze black paint, rim painted white, then ticked with black.  
*Dimension:* Greatest height, 7.7 cm.  
*Provenience:* Ojo Bonito, New Mexico.

**Figure 3:** No. 72207  
*Description:* Bowl; black sub-glaze paint on both surfaces, exterior panel of white, with black bordering stripes.  
*Dimension:* Greatest diameter, 22.4 cm.  
*Provenience:* Homolovi (No. 1), Arizona.

**Figure 4:** No. 72170  
*Description:* Bowl; black sub-glaze paint on both surfaces, white outlines for black panel on exterior, and some white outlines on interior.  
*Dimension:* Greatest diameter, 25.2 cm.  
*Provenience:* Homolovi (No. 1), Arizona.

**Figure 5:** No. 72147  
*Description:* Bowl; white outlines for all of interior design and exterior panel, base color a bright pink.  
*Dimension:* Greatest diameter, 24.3 cm.  
*Provenience:* Homolovi (No. 1), Arizona.

**Figure 6:** No. 72185  
*Description:* Bowl; sub-glaze black paint on both surfaces, white outlines for black panel on exterior.  
*Dimension:* Greatest diameter, 26.9 cm.  
*Provenience:* Homolovi (No. 1), Arizona.

**Figure 7:** No. 72243  
*Description:* Bowl; sub-glaze black paint on both surfaces, white outlines for exterior black panel, and some white outlines on interior.  
*Dimension:* Greatest diameter, 24.8 cm.  
*Provenience:* Homolovi (No. 1), Arizona.
PLATE 105: FOUR MILE POLYCHROME*

Cibola Branch

Figure 1: No. 72993
Description: Jar.
Dimension: Greatest height, 11.4 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 2: No. 72991
Description: Jar; three faces and a short geometric panel around body.
Dimension: Greatest height, 11.2 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 3: No. 73981
Description: Animal effigy; four legs missing.
Dimension: Greatest height, 12.2 cm.
Provenience: San Cosmo, Arizona.

Figure 4: No. 73983
Description: Animal effigy; base color a bright pink. Type uncertain.
Dimension: Greatest height, 15.6 cm.
Provenience: San Cosmo, Arizona.

Figure 5: No. 73982
Description: Animal effigy. Type uncertain; legs missing.
Dimension: Greatest height, 9.4 cm.
Provenience: San Cosmo, Arizona.

Figure 6: No. 72992
Description: Jar.
Dimension: Greatest height, 11.9 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 7: No. 72079
Description: Jar.
Dimension: Greatest height, 11.9 cm.
Provenience: Homolovi (No. 2), Arizona.

* See Plate 1, Frontispiece, for katsina bowl of Four Mile Polychrome.
Figure 1: No. 72310
Description: Bowl; exterior panel of white keys.
Dimension: Greatest diameter, 22.7 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 2: No. 72051
Description: Bowl; exterior panel of black and white geometric elements.
Dimension: Greatest diameter, 22.6 cm.
Provenience: Homolovi (No. 2), Arizona.

Figure 3: No. 72264
Description: Bowl.
Dimension: Greatest diameter, 23.8 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 4: No. 72302
Description: Bowl; exterior panel of white keys.
Dimension: Greatest diameter, 25.2 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 5: No. 72719
Description: Bowl.
Dimension: Greatest diameter, 29 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 6: No. 72980
Description: Bowl.
Dimension: Greatest diameter, 26.5 cm.
Provenience: Homolovi (No. 1), Arizona.
PLATE 107: FOUR MILE POLYCHROME

_Cibola Branch_

**Figure 1:** No. 72306
_Description:_ Bowl.
_Dimension:_ Greatest diameter, 18.6 cm.
_Provenience:_ Homolovi (No. 1), Arizona.

**Figure 2:** No. 72301
_Description:_ Bowl; very little use of white on interior.
_Dimension:_ Greatest diameter, 20.4 cm.
_Provenience:_ Homolovi (No. 1), Arizona.

**Figure 3:** No. 72653
_Description:_ Bowl; unusual use of black within exterior panel. Very little white on interior.
_Dimension:_ Greatest diameter, 23.6 cm.
_Provenience:_ Homolovi (No. 1), Arizona.

**Figure 4:** No. 73422
_Description:_ Bowl; exterior design of keys. Almost no white used on interior.
_Dimension:_ Greatest diameter, 22.3 cm.
_Provenience:_ Homolovi (No. 1), Arizona.

**Figure 5:** No. 72304
_Description:_ Bowl; unusually large amount of black used within exterior panel.
_Dimension:_ Greatest diameter, 22 cm.
_Provenience:_ Homolovi (No. 1), Arizona.

**Figure 6:** No. 72984
_Description:_ Bowl; exterior panel of white keys.
_Dimension:_ Greatest diameter, 24.6 cm.
_Provenience:_ Homolovi (No. 1), Arizona.
PLATE 108: FOUR MILE POLYCHROME(?)

Cibola Branch

**Figure 1**: No. 73481

*Description*: Bowl; side and top views; curious shape.
*Dimension*: Greatest height, 8.6 cm.; greatest diameter, 14.5 cm.
*Provenience*: Homolovi (No. 1), Arizona.

**Figure 2**: No. 72307

*Description*: Bowl; side and top views; curious shape.
*Dimension*: Greatest height, 8.9 cm.; greatest diameter, 15.8 cm.
*Provenience*: Homolovi (No. 1), Arizona.

**Figure 3**: No. 72308

*Description*: Bowl; side and top views; curious shape.
*Dimension*: Greatest height, 8.1 cm.; greatest diameter, 14.2 cm.
*Provenience*: Homolovi (No. 1), Arizona.

**Figure 4**: No. 84770

*Description*: Bowl; side and top views.
*Dimension*: Greatest height, 8.1 cm.; greatest diameter, 17.8 cm.
*Provenience*: East Fork of White River, Arizona.

**Figure 5**: No. 72148

*Description*: Bowl; side and top views.
*Dimension*: Greatest height, 8.3 cm.; greatest diameter, 17.2 cm.
*Provenience*: Homolovi (No. 1), Arizona.

All five bowls which are here shown in side and top views, seem to represent an aberrant form of Four Mile Polychrome. The walls are very thick, the red slip is heavy, and the black paint is vitreous and crackled. All the design elements are those of Four Mile Polychrome, but, as can be seen, there is little or no interior decoration.
PLATE 109: SHOWLOW POLYCHROME*

_Cibola Branch_

**Figure 1:** No. 73480

_Description:_ Jar.

*Dimension:* Greatest height, 12.4 cm.

*Provenience:* Homolovi (No. 1), Arizona.

**Figure 2:** No. 72309

_Description:_ Bowl; exterior panel design typical of Four Mile Polychrome.

*Dimension:* Greatest diameter, 17.6 cm.

*Provenience:* Homolovi (No. 1), Arizona.

**Figure 3:** No. 72989

_Description:_ Jar.

*Dimension:* Greatest height, 12.9 cm.

*Provenience:* Homolovi (No. 1), Arizona.

**Figure 4:** No. 72998

_Description:_ Jar.

*Dimension:* Greatest height, 13.1 cm.

*Provenience:* Homolovi (No. 1), Arizona.

**Figure 5:** No. 72986

_Description:_ Jar.

*Dimension:* Greatest height, 14.3 cm.

*Provenience:* Homolovi (No. 1), Arizona.

**Figure 6:** No. 72999

_Description:_ Jar.

*Dimension:* Greatest height, 11.2 cm.

*Provenience:* Homolovi (No. 1), Arizona.

**Figure 7:** No. 73000

_Description:_ Jar.

*Dimension:* Greatest height, 13.5 cm.

*Provenience:* Homolovi (No. 1), Arizona.

**Figure 8:** No. 73333

_Description:_ Jar; slightly concave base.

*Dimension:* Greatest height, 11.4 cm.

*Provenience:* Homolovi (No. 2), Arizona.

* A variant of Four Mile Polychrome, wherein the necks of jars and the interiors of bowls are completely covered with white paint.
PLATE 110: PSEUDO BLACK-ON-WHITE *

Cibola Branch

Figure 1: No. 74662

Description: Jar; both red and black decoration. Type uncertain.
Dimension: Greatest height, 12.1 cm.
Provenience: Bidahochi, Arizona.

Figure 2: No. 73764

Description: Jar; six rounded figures and one line figure arranged around body of vessel.
Dimension: Greatest height, 12.8 cm.
Provenience: San Cosmos, Arizona.

Figure 3: No. 73121

Description: Jar.
Dimension: Greatest height, 10.8 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 4: No. 72962

Description: Jar; effigy-head handle reminiscent of earlier Black-on-White types.
Dimension: Greatest height, 13.5 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 5: No. 75220

Description: Jar.
Dimension: Greatest height, 13 cm.
Provenience: Sikyatki, Arizona.

Figure 6: No. 72961

Description: Jar.
Dimension: Greatest height, 11.6 cm.
Provenience: Homolovi (No. 1), Arizona.

* A variant of Four Mile Polychrome, wherein the whole specimen is completely covered with white paint.
PLATE 111: PAINTED AND CORRUGATED TYPES

Cibola Branch

Figure 1: No. 84751

Description: Bowl; McDonald Corrugated. Interior smudged and polished, exterior a reddish-brown, with white paint.
Dimension: Greatest diameter, 16.6 cm.
Provenience: North Fork of White River, Arizona.

Figure 2: No. 75159

Description: Bowl; McDonald Corrugated. Interior smudged and polished, exterior reddish-brown, with white paint.
Dimension: Greatest diameter, 18.5 cm.
Provenience: Mesa Redonda, Arizona.

Figure 3: No. 75158

Description: Bowl; McDonald Corrugated. Interior smudged and polished, exterior a reddish-brown, with white paint.
Dimension: Greatest diameter, 12.5 cm.
Provenience: Mesa Redonda, Arizona.

Figure 4: No. 73371

Description: Jar; brownish-black paint on tan body. Type unnamed.
Dimension: Greatest height, 13.8 cm.
Provenience: Chevellon Buttes, Arizona.

Figure 5: No. 84755

Description: Jar; buff-colored paint on pinkish body. Type uncertain or unnamed.
Dimension: Greatest height, 16.1 cm.
Provenience: North Fork of White River, Arizona.

Figs. 6, 7, and 8, following, are of a hitherto unnamed type which has been mentioned as being ancestral to Cibicue Polychrome (Haury, 1934). Interiors are smudged and highly polished, exteriors are completely covered with a light red slip, designs are executed in a darker red, and white outlines are added. We suggest for this type the name "Chevellon Corrugated-Polychrome."

Figure 6: No. 72062

Description: Bowl.
Dimension: Greatest diameter, 14.4 cm.
Provenience: Homolovi (No. 2), Arizona.

Figure 7: No. 72286

Description: Bowl.
Dimension: Greatest diameter, 18.6 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 8: No. 72288

Description: Bowl.
Dimension: Greatest diameter, 13.6 cm.
Provenience: Homolovi (No. 1), Arizona.
PLATE 112: HOMOLOVI POLYCHROME

Cibola Branch

Figure 1: No. 73479
Description: Bowl.
Dimension: Greatest diameter, 12.6 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 2: No. 72624
Description: Bowl.
Dimension: Greatest diameter, 19.4 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 3: No. 72732
Description: Bowl.
Dimension: Greatest diameter, 23.4 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 4: No. 72723
Description: Bowl.
Dimension: Greatest diameter, 25.4 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 5: No. 72570
Description: Bowl.
Dimension: Greatest diameter, 25.2 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 6: No. 72727
Description: Bowl; exterior panel of design.
Dimension: Greatest diameter, 25.2 cm.
Provenience: Homolovi (No. 1), Arizona.
PLATE 113: HOMOLOVI POLYCHROME

*Cibola Branch*

**Figure 1:** No. 72635
*Description:* Bowl.
*Dimension:* Greatest diameter, 23.1 cm.
*Provenience:* Homolovi (No. 1), Arizona.

**Figure 2:** No. 72644
*Description:* Bowl.
*Dimension:* Greatest diameter, 24.1 cm.
*Provenience:* Homolovi (No. 1), Arizona.

**Figure 3:** No. 52681
*Description:* Bowl.
*Dimension:* Greatest diameter, 20.4 cm.
*Provenience:* Homolovi (No. 2), Arizona.

**Figure 4:** No. 72692
*Description:* Bowl.
*Dimension:* Greatest diameter, 18.4 cm.
*Provenience:* Homolovi (No. 1), Arizona.

**Figure 5:** No. 72623
*Description:* Bowl.
*Dimension:* Greatest diameter, 23.0 cm.
*Provenience:* Homolovi (No. 1), Arizona.

**Figure 6:** No. 72763
*Description:* Bowl.
*Dimension:* Greatest diameter, 23.7 cm.
*Provenience:* Homolovi (No. 1), Arizona.

All these specimens have broken lifelines.
PLATE 114: HOMOLOVI POLYCHROME

Cibola Branch

Figure 1: No. 73418
Description: Pitcher; small.
Dimension: Greatest height, 10.1 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 2: No. 72845
Description: Mug; handle missing.
Dimension: Greatest height, 10.7 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 3: No. 73005
Description: Jar; broken lifeline.
Dimension: Greatest height, 11.4 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 4: No. 73001
Description: Jar; broken lifeline.
Dimension: Greatest height, 11.6 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 5: No. 73016
Description: Jar; broken lifeline.
Dimension: Greatest height, 17.6 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 6: No. 73412
Description: Jar; broken lifeline.
Dimension: Greatest height, 14.9 cm.
Provenience: Homolovi (No. 1), Arizona.
PLATE 115: HOMOLOVI POLYCHROME

Cibola Branch

Figure 1: No. 72266
Description: Bowl; broken lifeline.
Dimension: Greatest diameter, 20.3 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 2: No. 73344
Description: Bowl; broken lifeline. Exterior rim stripe.
Dimension: Greatest diameter, 22.2 cm.
Provenience: Chevellon, Arizona.

Figure 3: No. 72508
Description: Bowl; broken lifeline and simple exterior design.
Dimension: Greatest diameter, 23.6 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 4: No. 72554
Description: Bowl; broken lifeline and simple exterior design.
Dimension: Greatest diameter, 23.7 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 5: No. 73413
Description: Bowl; broken lifeline and simple exterior design.
Dimension: Greatest diameter, 22.7 cm.
Provenience: Homolovi (No. 1), Arizona.

Figure 6: No. 72601
Description: Bowl; broken lifeline.
Dimension: Greatest diameter, 24.1 cm.
Provenience: Homolovi (No. 1), Arizona.
PLATE 116: HOMOLOVI POLYCHROME

*Cibola Branch*

**Figure 1:** No. 72751
*Description:* Bowl.
*Dimension:* Greatest diameter, 22 cm.
*Provenience:* Homolovi (No. 1), Arizona.

**Figure 2:** No. 72520
*Description:* Bowl.
*Dimension:* Greatest diameter, 21.8 cm.
*Provenience:* Homolovi (No. 1), Arizona.

**Figure 3:** No. 72803
*Description:* Cup; vertical loop handle.
*Dimension:* Greatest length, 13.6 cm.
*Provenience:* Homolovi (No. 1), Arizona.

**Figure 4:** No. 72693
*Description:* Bowl.
*Dimension:* Greatest diameter, 16.6 cm.
*Provenience:* Homolovi (No. 1), Arizona.

**Figure 5:** No. 72410
*Description:* Ladle; handle missing.
*Dimension:* Greatest diameter of bowl, 12.3 cm.
*Provenience:* Homolovi (No. 1), Arizona.

**Figure 6:** No. 72537
*Description:* Bowl; simple exterior design.
*Dimension:* Greatest diameter, 26.6 cm.
*Provenience:* Homolovi (No. 1), Arizona.

**Figure 7:** No. 72717
*Description:* Bowl.
*Dimension:* Greatest diameter, 23.9 cm.
*Provenience:* Homolovi (No. 1), Arizona.
PLATE 117: HOMOLOVI POLYCHROME

Cibola Branch

FIGURE 1: No. 72515

Description: Bowl.
Dimension: Greatest diameter, 18.5 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 2: No. 72572

Description: Bowl; dashes of black on exterior. Broken lifeline.
Dimension: Greatest diameter, 17.8 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 3: No. 73011

Description: Jar; broken lifeline.
Dimension: Greatest height, 14.3 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 4: No. 72106

Description: Bird-effigy vessel; head missing.
Dimension: Greatest length, 10.7 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 5: No. 75640

Description: Ladle.
Dimension: Greatest length, 24.8 cm.
Provenience: Mishongnovi, Arizona.

FIGURE 6: No. 72476

Description: Bowl; broken lifeline.
Dimension: Greatest diameter, 25.1 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 7: No. 72048

Description: Bowl; broken lifeline.
Dimension: Greatest diameter, 23.9 cm.
Provenience: Homolovi (No. 2), Arizona.
PLATE 118: ZUNI GLAZES, HESHOTAUTHLA POLYCHROME*

Cibola Branch

FIGURE 1: No. 74679
Description: Bowl; slight use of black in exterior design.
Dimension: Greatest diameter, 20.8 cm.
Provenience: Bidahochi, Arizona.

FIGURE 2: No. 74195
Description: Bowl.
Dimension: Greatest diameter, 24.7 cm.
Provenience: San Cosmos, Arizona.

FIGURE 3: No. 74442
Description: Bowl.
Dimension: Greatest diameter, 27.4 cm.
Provenience: Ojo Caliente, New Mexico.

FIGURE 4: No. 75114
Description: Bowl.
Dimension: Greatest diameter, 26.3 cm.
Provenience: Hard Scrabble, Arizona.

FIGURE 5: No. 74845
Description: Bowl.
Dimension: Greatest diameter, 25.9 cm.
Provenience: Ojo Bonito, New Mexico.

* Name applied by A. V. Kidder (Kidder and Shepard, 1936). It corresponds to Hawkuk Glaze B (Hodge, 1923). Characteristic decoration: red slip on both surfaces, black or green glaze interior design, and white line decoration (possibly in imitation of St. Johns Polychrome) on exterior.
PLATE 119: ZUNI GLAZES

ARAUCA POLYCHROME* AND HAWIKUH GLAZE-ON-WHITE†

*Cibola Branch

FIGURE 1: No. 74175
Description: Bowl; Arauca Polychrome. Interior design all in black glaze, exterior design of black glaze and matte red.
Dimension: Greatest diameter, 22.9 cm.
Provenience: San Cosmos, Arizona.

FIGURE 2: No. 74030
Description: Bowl; Arauca Polychrome. Both surfaces decorated in black glaze and matte red.
Dimension: Greatest diameter, 22.3 cm.
Provenience: San Cosmos, Arizona.

FIGURE 3: No. 74857
Description: Bowl; Hawikuh Glaze-on-White.
Dimension: Greatest diameter, 17.5 cm.
Provenience: Ojo Bonito, New Mexico.

FIGURE 4: No. 72968
Description: Jar; Hawikuh Glaze-on-White.
Dimension: Greatest height, 10.3 cm.
Provenience: Homolovi (No. 1), Arizona.

FIGURE 5: No. 79376
Description: Bowl; Hawikuh Glaze-on-White.
Dimension: Greatest diameter, 20.2 cm.
Provenience: Bidahochi, Arizona.

FIGURE 6: No. 72726
Description: Bowl; Hawikuh Glaze-on-White.
Dimension: Greatest diameter, 23.6 cm.
Provenience: Homolovi (No. 2), Arizona.

FIGURE 7: No. 72119
Description: Jar; Hawikuh Glaze-on-White.
Dimension: Greatest height, 13.9 cm.
Provenience: Homolovi (No. 2), Arizona.

*Name applied by Colton and Hargrave (1937). It corresponds to Hawikuh Glaze D (Hodge, 1923). Characteristic decoration: white slip on both surfaces, black and/or red on either or both surfaces.

†Name applied by Colton and Hargrave (1937). It corresponds to Hawikuh Glaze C (Hodge, 1923). Characteristic decoration: black glaze on white slip on both surfaces.
PLATE 120: ZUNI GLAZES
ADAMANA* AND WALLACE† POLYCHROMES
Cibola Branch

Figure 1: No. 74608
Description: Bowl; Adamana Polychrome.
Dimension: Greatest diameter, 23.5 cm.
Provenience: Ojo Caliente, New Mexico.

Figure 2: No. 74435
Description: Bowl; Adamana Polychrome. A few touches of black glaze on exterior.
Dimension: Greatest diameter, 24.9 cm.
Provenience: Ojo Caliente, New Mexico.

Figure 3: No. 72026
Description: Bowl; Wallace Polychrome.
Dimension: Greatest diameter, 21 cm.
Provenience: Homolovi (No. 2), Arizona.

Figure 4: No. 74222
Description: Bowl; Wallace Polychrome.
Dimension: Greatest diameter, 25.6 cm.
Provenience: San Cosmo, Arizona.

Figure 5: No. 74677
Description: Bowl; Wallace Polychrome. Glaze did not "take."
Dimension: Greatest diameter, 27.8 cm.
Provenience: Bidahochi, Arizona.

Figure 6: No. 74846
Description: Bowl; Wallace Polychrome.
Dimension: Greatest diameter, 27.2 cm.
Provenience: Ojo Bonito, New Mexico.

*Name applied by Colton and Hargrave (1937). Characteristic decoration: exterior, slipped red, carries same white line decoration as Heshotauthla Polychrome (see Plate 118); interior has white slip, decorated with black or green glaze and matte red.

†Name applied by Colton and Hargrave (1937). It corresponds to Hawikuh Glaze III (Hodge, 1924). Except that no matte red paint is used, its decoration is the same as that of Adamana Polychrome.
V. SALADO BRANCH

The area of greatest distribution of Salado pottery centers about Roosevelt Lake and the upper drainage of the Salt River. The name for this branch, Salado, was suggested by the name of the river. Some Salado pottery, however, has been reported from Flagstaff, St. Johns, and Holbrook (Arizona) and from localities even more remote.

The black paint on the Black-on-White ware is probably mineral.

Several years ago, by exchange, we received a few pieces of Snowflake Black-on-White pottery from Gila Pueblo. In making up our illustrations for this type, we matched up what we could from our collection with the type specimens from Gila Pueblo. There is some guesswork involved, for the reason that there is no published description of this particular ware. If our identifications are correct, it is interesting to note the astonishing similarity between this Snowflake Black-on-White and Puerco Black-on-White.

Again, we are frank to confess that we do not know just what this apparent similarity means, but we hope that excavations will help clear up the relationship of Reserve, Puerco, and Snowflake Black-on-White types. We could make some speculations, but these would be meaningless in view of the fact that so few data are available on sites yielding these types.

Roosevelt Black-on-White resembles Tularosa Black-on-White, and may possibly be an imitation of it, but again this connection is not clear.

Pinto Polychrome, as Gladwin has suggested (1930, p. 5), may have been derived from Wingate Black-on-Red.

Gila and Tonto Polychrome bear the same general color combinations as Pinto, but the designs on these two later types are very different from those on Pinto. They apparently are late specialized developments.

The pottery types in this branch which are illustrated herewith are dated approximately as follows:

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PLATE 121: SNOWFLAKE BLACK-ON-WHITE
Salado Branch

FIGURE 1: No. 81613
Description: Bowl.  
Dimension: Greatest diameter, 24.4 cm.  

FIGURE 2: No. 75000
Description: Pitcher; shape reminiscent of Puerco Black-on-White. Type uncertain.  
Dimension: Greatest height, 16.8 cm.  
Provenience: Round Valley, Arizona.

FIGURE 3: No. 75150
Description: Pitcher. Type uncertain.  
Dimension: Greatest height, 15.3 cm.  
Provenience: Mesa Redonda, Arizona.

FIGURE 4: No. 81847
Description: Bowl.  
Dimension: Greatest diameter, 13.9 cm.  

FIGURE 5: No. 81611
Description: Bowl.  
Dimension: Greatest diameter, 20.8 cm.  

FIGURE 6: No. 74985
Description: Jar (cf. neck design with that typical of Roosevelt Black-on-White, Plate 123).  
Dimension: Greatest height, 14.8 cm.  
Provenience: Round Valley, Arizona.
PLATE 122: SNOWFLAKE BLACK-ON-WHITE

Salado Branch

**Figure 1:** No. 73931

- **Description:** Pitcher. Type uncertain.
- **Dimension:** Greatest height, 19.1 cm.
- **Provenience:** San Cosmos, Arizona.

**Figure 2:** No. 75075

- **Description:** Ladle; handle missing. Type uncertain.
- **Dimension:** Greatest diameter of bowl, 12 cm.
- **Provenience:** Round Valley, Arizona.

**Figure 3:** No. 81687

- **Description:** Bowl. Type uncertain.
- **Dimension:** Greatest diameter, 12.7 cm.
- **Provenience:** Tohatchi Flats, New Mexico (Wingate 1:1). Exchange with Gila Pueblo.

**Figure 4:** No. 75119

- **Description:** Bowl. Type uncertain.
- **Dimension:** Greatest diameter, 22.5 cm.
- **Provenience:** Mesa Redonda, Arizona.

**Figure 5:** No. 75002

- **Description:** Pitcher. Type uncertain.
- **Dimension:** Greatest height, 15.4 cm.
- **Provenience:** Round Valley, Arizona.

**Figure 6:** No. 73945

- **Description:** Ladle. Type uncertain.
- **Dimension:** Greatest length, 21.8 cm.
- **Provenience:** San Cosmos, Arizona.
PLATE 123: ROOSEVELT BLACK-ON-WHITE

Salado Branch

Figure 1: No. 75146
Description: Pitcher.
Dimension: Greatest height, 15.1 cm.
Provenience: Mesa Redonda, Arizona.

Figure 2: No. 75017
Description: Pitcher.
Dimension: Greatest height, 15.7 cm.
Provenience: Round Valley, Arizona.

Figure 3: No. 74150
Description: Bowl; incurved, ticked rim.
Dimension: Greatest diameter, 17.1 cm.
Provenience: San Cosmos, Arizona.

Figure 4: No. 74070
Description: Bowl; incurved, ticked rim. Type uncertain.
Dimension: Greatest diameter, 19.6 cm.
Provenience: San Cosmos, Arizona.

Figure 5: No. 81843
Description: Pitcher.
Dimension: Greatest height, 13.8 cm.

Figure 6: No. 75029
Description: Jar; concave base.
Dimension: Greatest height, 11.1 cm.
Provenience: Round Valley, Arizona.
PLATE 124: ROOSEVELT BLACK-ON-WHITE

Salado Branch

FIGURE 1: No. 75103
Description: Miniature pitcher. Type uncertain.
Dimension: Greatest height, 6.9 cm.
Provenience: Taylor, Arizona.

FIGURE 2: No. 74575
Description: Pitcher; twisted handle.
Dimension: Greatest height, 9.8 cm.
Provenience: Ojo Caliente, New Mexico.

FIGURE 3: No. 75139
Description: Miniature pitcher. Type uncertain.
Dimension: Greatest height, 5.9 cm.
Provenience: Mesa Redonda, Arizona.

FIGURE 4: No. 73857
Description: Ladle. Type uncertain.
Dimension: Greatest diameter of bowl, 7 cm.
Provenience: San Cosmos, Arizona.

FIGURE 5: No. 75079
Description: Ladle.
Dimension: Greatest length, 20.5 cm.
Provenience: Round Valley, Arizona.

FIGURE 6: No. 81628
Description: Ladle.
Dimension: Greatest length, 24.4 cm.

FIGURE 7: No. 75171
Description: Ladle. Type uncertain.
Dimension: Greatest length, 13.4 cm.
Provenience: Mesa Redonda, Arizona.

FIGURE 8: No. 75152
Description: Canteen; one of two mushroom handles missing.
Dimension: Greatest height, 9.5 cm.
Provenience: Mesa Redonda, Arizona.

FIGURE 9: No. 74589
Description: Pitcher.
Dimension: Greatest height, 13.7 cm.
Provenience: Ojo Caliente, New Mexico.

FIGURE 10: No. 74151
Description: Bowl. Type uncertain.
Dimension: Greatest diameter, 12.1 cm.
Provenience: San Cosmos, Arizona.
PLATE 125: POLYCHROMES OF THE SALADO BRANCH

FIGURE 1: No. 75162
Description: Bowl; Pinto Polychrome.
Dimension: Greatest diameter, 21.7 cm.
Provenience: Mesa Redonda, Arizona.

FIGURE 2: No. 81682
Description: Bowl; Pinto Polychrome.
Dimension: Greatest diameter, 24.6 cm.

FIGURE 3: No. 75173
Description: Bowl; Pinto Polychrome.
Dimension: Greatest diameter, 17.8 cm.
Provenience: Mesa Redonda, Arizona.

FIGURE 4: No. 74777
Description: Bowl; single horizontal handle. Pinto Polychrome.
Dimension: Greatest diameter, excluding handle, 14.1 cm.
Provenience: X Ranch, Arizona.

FIGURE 5: No. 74849
Description: Bowl; Pinto Polychrome.
Dimension: Greatest diameter, 16.6 cm.
Provenience: Ojo Bonito, New Mexico.

FIGURE 6: No. 74022
Description: Jar; Tonto Polychrome.
Dimension: Greatest height, 12.5 cm.
Provenience: San Cosmos, Arizona.

FIGURE 7: No. 81608
Description: Bowl; Gila Polychrome.
Dimension: Greatest diameter, 28.1 cm.

FIGURE 8: No. 81846
Description: Bowl; Tonto Polychrome.
Dimension: Greatest diameter, 16 cm.
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ANASAZI PAINTED POTTERY

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