

Catalog ID: NAm8

Timestamp: 5/7/2012

Source and ID: RL Andrews et al. Spiral Weft Style

Style: Sandal attached to foot by tie system

Attachment of sole to vamp (upper): Does not apply (no vamp used)

Sole front toe-loops: 0

Sole side-toe loops: 2 symmetrical

Sole mid-sole loops: 2 symmetrical

Sole side heel-loops: 2 symmetrical

Sole back heel- loops: 0

Tie-system technique: Side-loop system

Attached decorative element: None

Decoration: None

Sole warp or passive element: Coarse, fibrous, rounded element

Sole weft or active element: Coarse, fibrous, rounded element

Sole bundle: Does not apply (no bundle used)

Sole warp or passive element yarn ply: 1 ply

Sole warp or passive element yarn twist: Both S and Z twist

Sole weft or active element yarn ply: 2 ply

Sole weft or active element yarn twist: Z-twist

Sole front edge finishing technique (selvage): None (elements simply cut off)

Sole back edge finishing technique (selvage): Simple (produced from elements already in the sole)

Sole side edge finishing technique (selvage): Simple (produced from elements already in the sole)

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| Sole construction technique: | Complex twining (warps and wefts used) |
| Sole warp material: | Spun fibers |
| Sole weft material: | Leaves, twigs, stalk or bark |
| Sole solid (non-woven) material: | Does not apply (sole not made of solid material) |
| Upper (vamp + quarter) warp or passive element: | Does not apply (no warp used) |
| Upper (vamp + quarter) weft or active element: | Does not apply (no weft used) |
| Upper (vamp + quarter) bundle: | Does not apply (no bundle used) |
| Upper (vamp + quarter) warp or passive element yarn ply: | Does not apply (no warp used) |
| Upper (vamp + quarter) warp or passive element yarn twist: | Does not apply (no warp used) |
| Upper (vamp + quarter) weft or active element yarn ply: | Does not apply (no weft used) |
| Upper (vamp + quarter) weft or active element yarn twist: | Does not apply (no weft used) |
| Upper (vamp + quarter) edge finishing technique (selvage): | Does not apply (no upper) |
| Upper (vamp + quarter) construction technique: | Does not apply (no upper) |
| Upper (vamp + quarter) warp material: | Does not apply (vamp made of solid material OR no warp) |
| Upper (vamp + quarter) weft material: | Does not apply (vamp made of solid material OR no weft) |
| Upper solid (non-woven) material: | Does not apply (vamp not made of solid material) |
| Structure of upper: | Does not apply (no upper) |
| Overall sole shape: | Symmetrical |

Additional information: Sandal description is a composite of descriptions of fragments of spiral weft-style sandals found at the excavation of Dirty Shame Rockshelter, Malheur County, Oregon in 1973 by R. L. Andrews, J. M. Adovasio, and R. C. Carlisle (University of Oregon Anthropological Papers 34). The construction method is similar but not identical to sandals of this type found at other locations in southeast Oregon. The Dirty Shame sandals likely had four to six loops roughly symmetrically arranged along the sole. Also, heel pockets and toe covers were not used here. The most unusual aspect of the construct of the sole is the radial twining of wefts (2 ply, Z twist) over Z or S twisted warps. The weft thus spirals outward clockwise from the center of the sole. In his book Basketry Technology, Adovasio clearly distinguishes twining from coiling methods, so we have used the character state “complex twining” for spiral weft sandals and not the character state “coiling.”

The code for describing this specimen is

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|----|----|----|----|----|----|----|----|----|----|----|----|
| | | | | | 2 | -9 | 1 | 3 | 3 | 3 | 1 |
| 1 | 1 | 1 | 5 | 5 | -9 | 1 | 4 | 2 | 3 | 1 | 2 |
| 2 | 11 | 1 | 3 | -9 | -9 | -9 | -9 | -9 | -9 | -9 | -9 |
| -9 | -9 | -9 | -9 | -9 | -9 | 1 | | | | | |