

Catalog ID: NAm10

Timestamp: 6/12/2013

Source and ID: Straw Sandals Project item Americas 5

Style: Sandal attached to foot by tie system

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

Sole front toe-loops: 1

Sole side-toe loops: 0

Sole mid-sole loops: 0

Sole side heel-loops: 0

Sole back heel-loops: 0

Tie-system technique: Toe-heel system

Attached decorative element: None

Decoration: None

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

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

Sole bundle: Does not apply (no bundle used)

Sole warp or passive element yarn ply: 2 ply

Sole warp or passive element yarn twist: Z-twist

Sole weft or active element yarn ply: Other

Sole weft or active element yarn twist: No twist

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

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)

Sole construction technique:	Weft wrapped
Sole warp material:	Leaves, twigs, stalk or bark
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: These sandals date from the 1920s and were collected near San Diego from local Native Americans by Edward Davis. They are made from very fine yucca fibers obtained by processing the leaves. Agave leaves are also processed in this region to make fine fibers for weaving. Microscopy is needed to distinguish yucca and agave fibers. Bundles of many of these fine fibers are used to make the wefts and they appear to be wrapped two bundles at a time around the warps. The warps are essentially cordage, probably twisted into strands by rubbing on a piece of leather on the thigh. The two warps are essentially 2-ply Z-twist cordage probably made of Yucca fibers.

The code for describing this specimen is

2	1	1	5	7	-9	2	3	99	1	2	2
2	16	3	3	-9	-9	-9	-9	-9	-9	-9	-9
-9	-9	-9	-9	-9	-9	1					