

## ARTS AND INDUSTRIES

## TEXTILES.

The loom in use is the usual, narrow, simple type, with single heddle. The head stick is made fast to a branch or stick in the wall; the foot is fastened to the weaver (see fig. 59). Weaving is done by the women. This loom weaves long, narrow strips of cloth for skirts (see costume). Both warp and woof are handled in double strands of fine cotton thread.

The ribbed weave of the sashes is more intricate. We did not find out how it is done, or if a special loom is used (fig. 48). Looms are seldom to be found in use, as weaving is only done as the cloth is needed.



FIG. 48—Tatahuicapa, Ver. Drawing of Weave.

The spindle is a stick about 18 centimeters long, with a clay disk near the bottom for a weight. The lower end is placed in a small half-gourd for spinning.

## WOOD-WORKING.

The native mandolin, or *jarana*, is made by the men. In shape and size it resembles a ukelele, but is adapted to playing actual tunes. Tobacco pipes are made, with very small bowls and reed stems. (See also the description of bows and arrows under Weapons). Chairs and squatting seats are made of wood. The chairs are of a simple European model, straight-backed, with a square seat. All the pieces are nicely mortised into each other, and held with wooden pegs or, occasionally, nails. The work is neat and well finished. Squatting seats are simply squared light logs, with a handle at one end and often concave on the under side to save weight.

## OTHER CRAFTS.

The arrow-points mentioned under Weapons are made locally. The fish-arrows have for head a length of heavy iron wire, about 3 millimeters in diameter, hammered at the end to a four-sided point. The head of the deer-arrow is a laurel-leaf shaped piece of iron, hammered out from a file, with a shank at the butt to insert in the end of the shaft. It is ground smooth and is fairly sharp all around.

Pottery is undecorated and simple. The typical form is nearly a sphere, with a wide mouth and slight curved lip. (See pot carried by woman in fig. 35). Gourds are used as much or more than pots.