

# STORAGE OF ARROWS

## Purpose

These trays were developed to provide adequate support and storage of the arrow collection at the Nebraska History Museum. The arrows were piled atop each other in a box with no support. This storage system led to damaged fletching, broken feathers, and loose points.

## Description

The tray is made using pH neutral, corrugated blueboard and the arrows are supported with notched ethafoam planking or tri-rod.

## Materials, Tools, and Supplies

- Medium polyethylene tri-rod or 2in ethafoam planking
- Variable heat hot glue gun
- Glue sticks
- Metal straight edge
- pH neutral blueboard, 1/4in
- Utility knife

## Directions

- 1) Determine the dimensions of the storage box (length, width, height). A standardized box of 18in x 40in x 6in is best for arrow storage. One box can hold two to three trays of arrows.
- 2) Using the leaflet, "Support Trays," follow the instructions for cutting out stacking double trays.
- 3) Cut two pieces of ethafoam or tri-rod to fit the tray according to Fig. 2.
- 4) Using the hot glue gun on low setting, adhere the cut foam to the tray.
- 5) Using the sharp utility knife, notch the tri-rod at predetermined intervals. The tri-rod can be notched into a 'V' or 'U' shape (see Fig. 3). The size of the notch should be the same size as the arrow shaft. Too much room can cause movement while too little room can cause abrasion.
- 6) Place arrows in notches, alternating fletching to point.

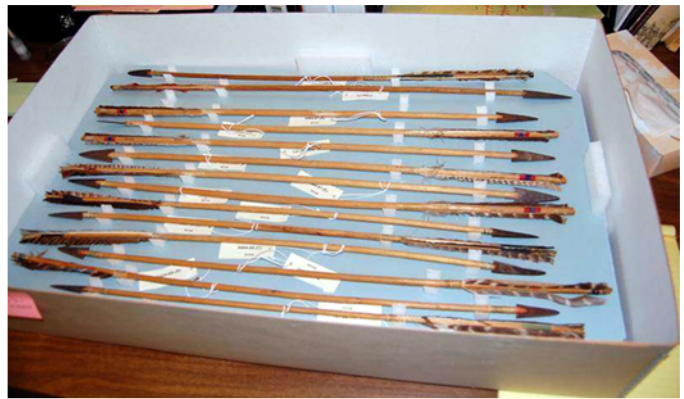


Fig. 1 Storage of arrows on tray.

Fig. 2

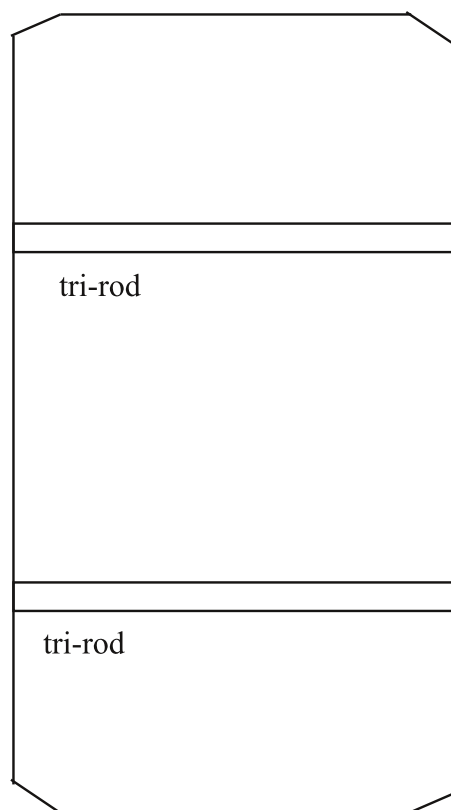


Fig. 3

