

Appendix 1: Trap Materials and Diagrams

Raw Materials Per Trap

Traps

- thread—polyester or nylon
- polyester horse-hair seam braiding (0.67 yards)
- grommets for collar and grommet tool (8 grommets)
- "no-see-um" mosquito netting—100% polyester, gray or white (1.5 yards)
- waterproof coated ripstop nylon—light or medium weight (0.5 yards per trap)
- heavy duty sewing machine needles

Rain Caps

- clear plastic vinyl (0.67 yards)
- thread
- fiber glass kite rods for support (1.37 m rod cut into 4 pieces 33 cm long)

Support Ring

- rust-proof fencing wire to make top and bottom support ring (each ring 29 cm in diameter , quantity: 2)
- 5 cm of 3/16 inch diameter aluminum tubing to link ends of wire—same gage as wire (quantity: 2)
- "zip-a-grip glue" (purchased at kite-making store)

Base

- 1 plexiglass square (51 cm by 51 cm)
- 1 stainless steel eyebolt and nut
- 1 stainless steel fender washer
- 1 red plastic bait bowl

Net Suspension System

- dacron or nylon string (6.7 m)
- 1 top hanging ring
- 4 plastic toggle cord locks
- 2 straws
- Tangle Foot
- utility cord for hanging traps from trees and anchoring to ground—nylon or polyester

Equipment Suppliers

Seattle Fabrics: www.seattlefabrics.com

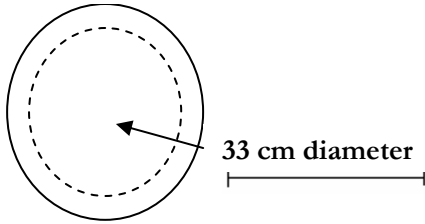
Home Depot

Ace Hardware

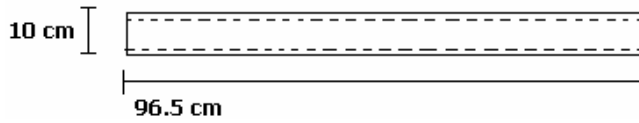
Kite making supplier

Trap Construction–Trap Pattern Layout and Dimensions

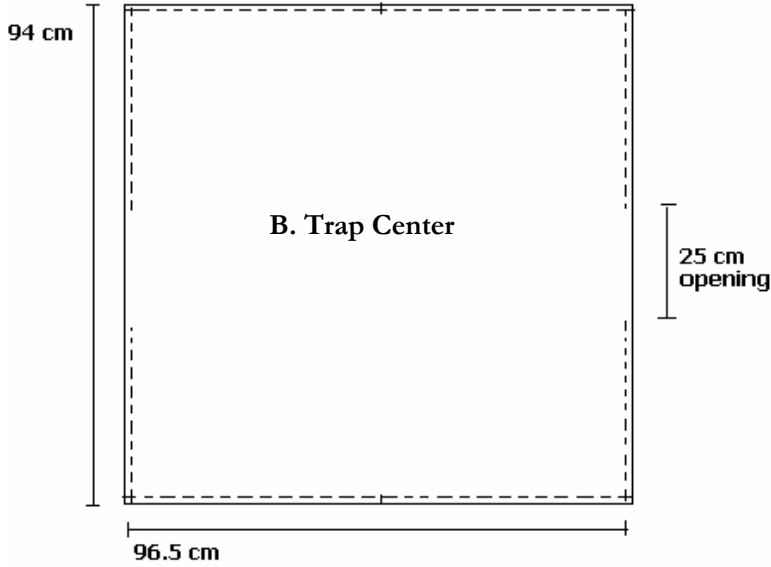
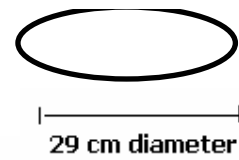
C. Trap Top



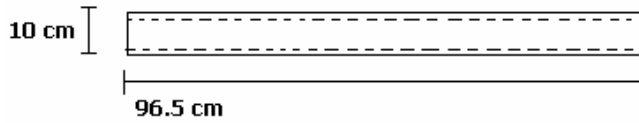
A1. Top Collar



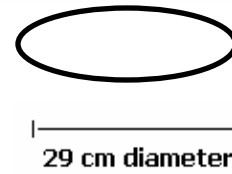
D1. Top Support Ring



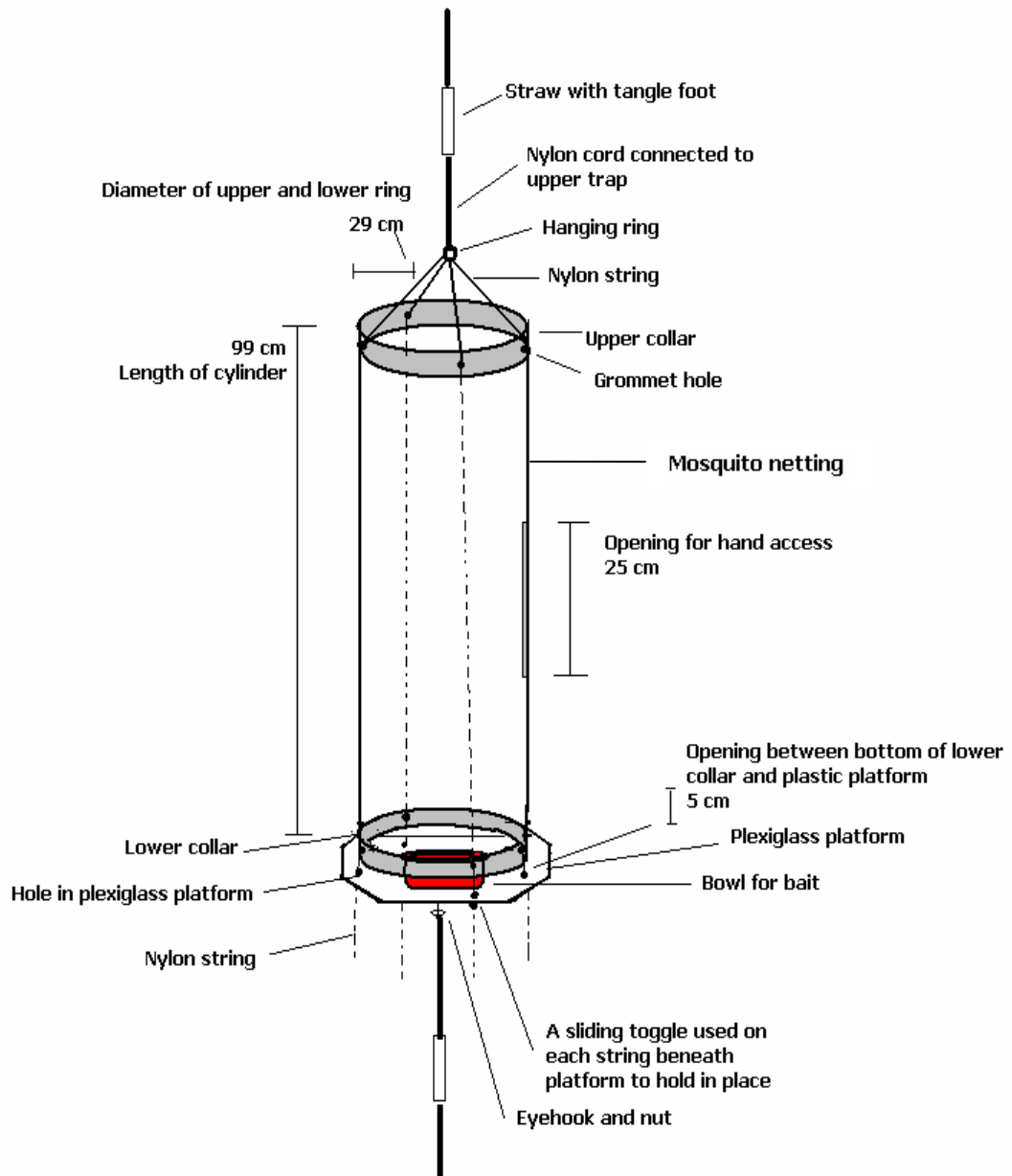
A2. Bottom Collar



D2. Bottom Support Ring



Assembly Diagram



Trap Photographs



Photograph of fully assembled trap



Photograph of trap entry point