Instructions for Assembling Feeder for Decapsulated Brine Shrimp

Materials and hardware needed:

- Eight pieces from prints (handle, top, trigger, fulcrum, bottom, slider, guides). PVC works well.
- 50 mL conical tube with cap
- Two .100” diameter pins 1-1/2” long
- One extension spring 7/32” x 1-1/2” x 0.023”
- Eight brass wood screws No. 4 x 1”
- Cone (optional)

1) Place trigger in the notch of the slider, aligning the .100” holes. Place one end of the spring in notch of trigger. Push the 0.100” pin through the openings.
2) Attach the top to the handle using two of the brass wood screws.
3) Slide the spring through the hole created by joining the top and handle. Use a 0.100” pin to secure the open end of the spring to the opposite side of the handle.
4) Place a guide on each side of the slider.
5) Attach the top, guides and bottom with four of the brass screws. Making sure the slider is “sandwiched” between all four pieces.
6) Attach the fulcrum to the handle with two brass screws.
7) Cut a hole the size of a dime in the cap of the 50 mL conical tube. Glue to the opening on the top piece. Once dried, the conical tube containing the feed can be screwed on and off of the feeder.
8) A small cone can also be glued to the ½” hole in the bottom.

If the slider does not move back and forth easily you may need to either slightly loosen the screws connecting the top and bottom pieces or adjust some of the pieces.

Tips:
Disassemble and clean feeder regularly to prevent clogging.
- Can be used to feed granular pellet feed, crushed flake food or brine shrimp cysts
- To change the amount to be fed, simply change the diameter of the hole in the slider.

Some small modifications and adjustments may be needed, depending on tools used and variability in material thicknesses.