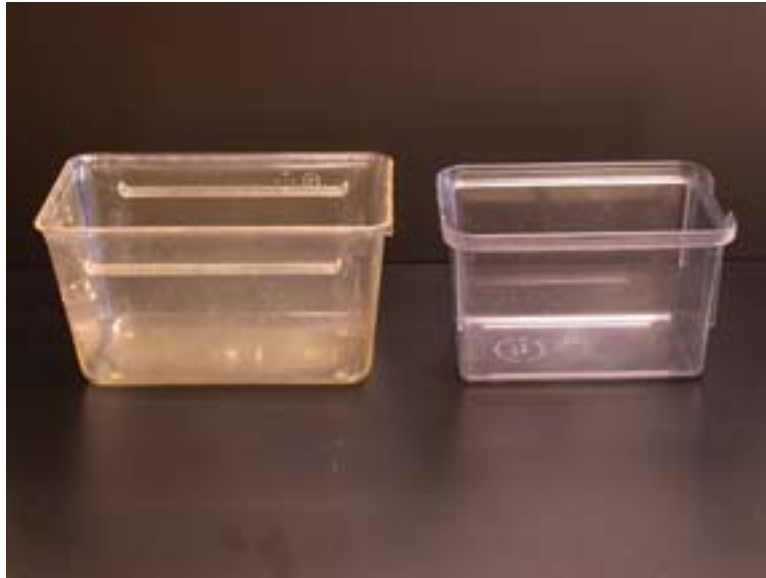


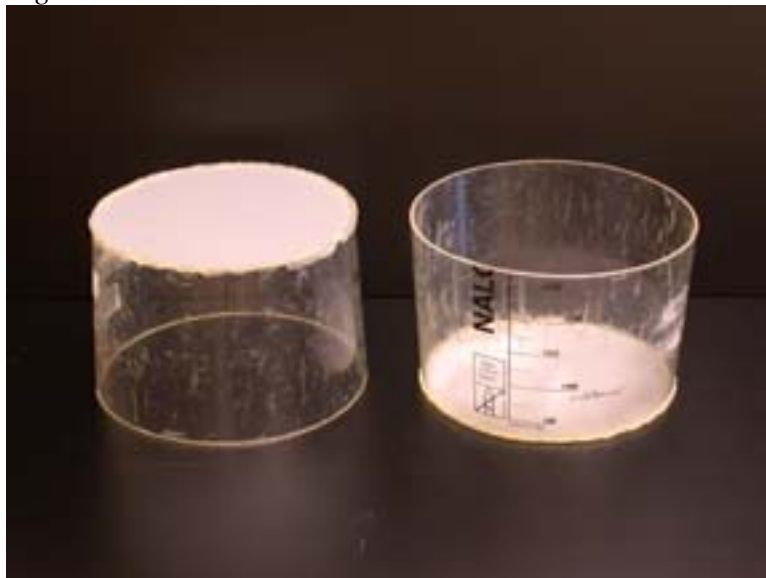
Photos

Figure 1:



The container on the left is a polycarbonate Nalgene animal cage (24x14x13cm). It has a volume of approximately 2 liters. The container on the right is a Thoran crossing cage and holds approximately 1 liter. Both containers have been used successfully for paramecia at ZIRC and any similar containers should be adequate.

Figure 2:



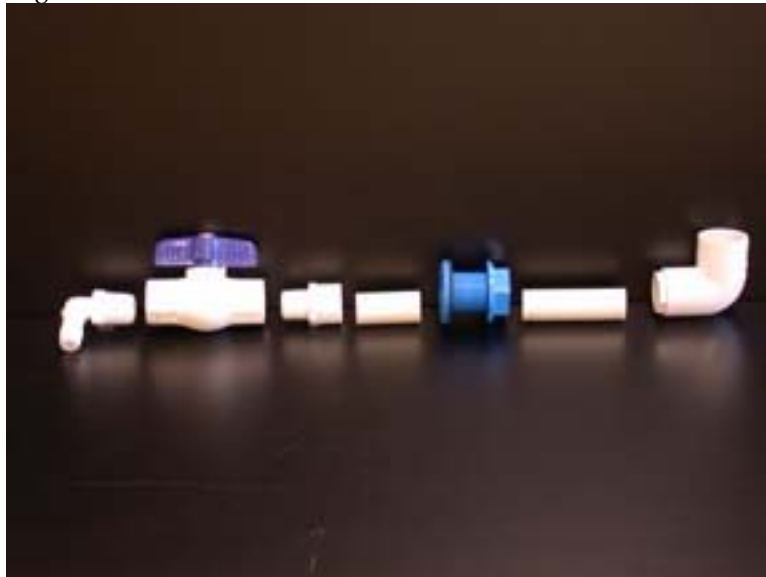
Strainers used in the paramecia making process are hand made by taking a large plastic beaker and cutting it into cylinders. Polyester filter cloth is then fixed to one side using hot glue.

Figure 3:



The paramecia collector is made from a carboy, with a spigot at the bottom, and various plumbing fixtures. A four gallon carboy is recommended for larger facilities, while a 2 gallon carboy will work well for those needing to make only small amounts of paramecia.

Figure 4:



The top drain is made using (from left to right): 90° tubing adapter (1/2" id, 1/2" threaded), 1/2" PVC ball valve, 1/2" male adapter, a 2" length of 1/2" PVC pipe, 1/2" bulk head fitting, 1/2" PVC pipe, 1/2" 90° elbow. The length of the second piece of PVC pipe is determined by what container you are using. The elbow needs to sit directly below the center of the opening in the carboy. Cut the PVC pipe to accommodate this. We recommend press fitting the pieces together as opposed to PVC gluing them. This makes dismantling easier when the unit needs cleaning.