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Schwarz, J.A., Krupp, D.A. and Weis, V.M. (1999) *Biol Bull* **196**: 70-79.

Hawaii – Cleaning *Fungia scutaria* larvae

Materials/Reagents

0.25µm filtered seawater (fsw)	Glass dish to scoop water
2 large bowls	Bowl w/ larvae
2 medium bowls	Lg. glass beaker
183µm mesh filter	Turkey baster
50µm mesh filter	

Procedure

A. Prepare equipment

1. Rinse all equipment well with fresh water, then with fsw
2. Fill lg bowls with ~3" fsw
3. Fill med bowls with ~1-2" fsw
4. Fill glass beaker

B. Cleaning larvae

1. Scoop larvae from original bowl onto 183µm filter sitting in fsw in lg. bowl
 - a. Larvae should go through the filter and be swimming around in the lg. bowl
2. Scoop larvae from lg. bowl onto 50µm filter sitting in 2nd lg. bowl
 - a. Larvae should conc. onto filter
3. Move larvae med. bowl w/ clean fsw, swish filter to rinse
4. Rinse original larval bowl with fresh and fsw, fill ~3/4 full with fsw
5. Move larvae to 2nd med. bowl w/ clean fsw, swish filter to rinse
6. Using turkey baster and water from glass beaker, conc. larvae on filter to one edge
 - a. Do this close to the water level to prevent harming larvae onto filter
7. Move filter to cleaned original bowl, invert and squirt from bottom w/ turkey baster
8. Top off original bowl with extra fsw if necessary

C. Clean everything with fresh water and repeat!

Comments:

Temporarily freaked out, but no worries – larvae recover