

Protocol for Scraping Gametophyte Biomass

1. Ensure your work area is clean and sterilize any surfaces that will be used with a generous amount of ethanol.
2. Gather supplies:
 - ☐ Gloves
 - ☐ Ethanol spray bottle
 - ☐ Paper towels or kimwipes
 - ☐ Permanent marker
 - ☐ Rubber scraper or pasteur pipette
3. Ensure all supplies are sterile.
4. Remove culture from red light.
5. Visually inspect the culture for signs of contamination. (Contaminated cultures should not be scraped until contamination is under control because you risk disturbing the contamination and causing new growth.)
6. Remove the lid from the culture.
7. Use the rubber scraper or a pasteur pipette to dislodge the gametophyte from the sides of the container.
8. Mix the cultures aggressively to keep the scraped chunks from sticking together.
9. Replace the lid on the container.
10. Move the culture back to red light.