

Warehouse Beetle, *Trogoderma varabile* Ballion, Coleoptera: Dermestidae

Origin: Unknown; circa 1967

Diet/Culture: Dog Food Diet in Quart Jars (See Appendix)

Tasks Performed: Monthly

<u>Day</u>	<u>Procedure(s)</u>
Monday	
Tuesday	
Wednesday	
Thursday	Set up New Cultures with Egg Layers
Friday	

Set up Egg Layers/New Cultures¹:

WARNING. BIOHAZARD. Perform all work under fumehood.
Larvae with urticating hairs or setae. Avoid skin contact and inhalation.

Materials:

- *Procedure #1*
 - WB cultures with adults
 - Sieve setup (#20)
 - SS lab spoon or spatula
 - Aspirator
- *Procedure #2*
 - WB cultures with adults
 - Kleenex® tissue

Procedure #1 – performed under fumehood:

1. Remove tissue from old culture and hold over sieve
2. Using lab spoon, remove as many adults larvae and pupae as possible from tissue into sieve
3. Aspirate adults, larvae, pupae from surface of diet in old culture
4. Empty contents of aspirator into sieve
5. Shake sieve back and forth to separate insects from diet
6. Lower sash on fumehood and remove exuvia and other waste material as much as possible
7. Aspirate only live adults, larvae, and pupae from sieve
8. Transfer to new culture
9. Place fresh tissue in new culture
10. Close culture jars with filter paper and screen lids
11. Return to holding room for development
12. Discard old cultures by removing labels and placing in freezer

Procedure #2 – performed under fumehood:

1. Carefully remove tissue with adults from old culture and place into new culture
2. Place fresh tissue into old culture
3. Close jars with filter paper and screen lids
4. Return to holding room for development
5. Discard old cultures by removing labels and placing in freezer
- 6.

¹ Egg layers (adults) are not removed from WB cultures

Clean up:

Wipe down and disinfect surfaces of fumehood and cart before handling another species
Place all materials used in handling insect in freezer before proceeding