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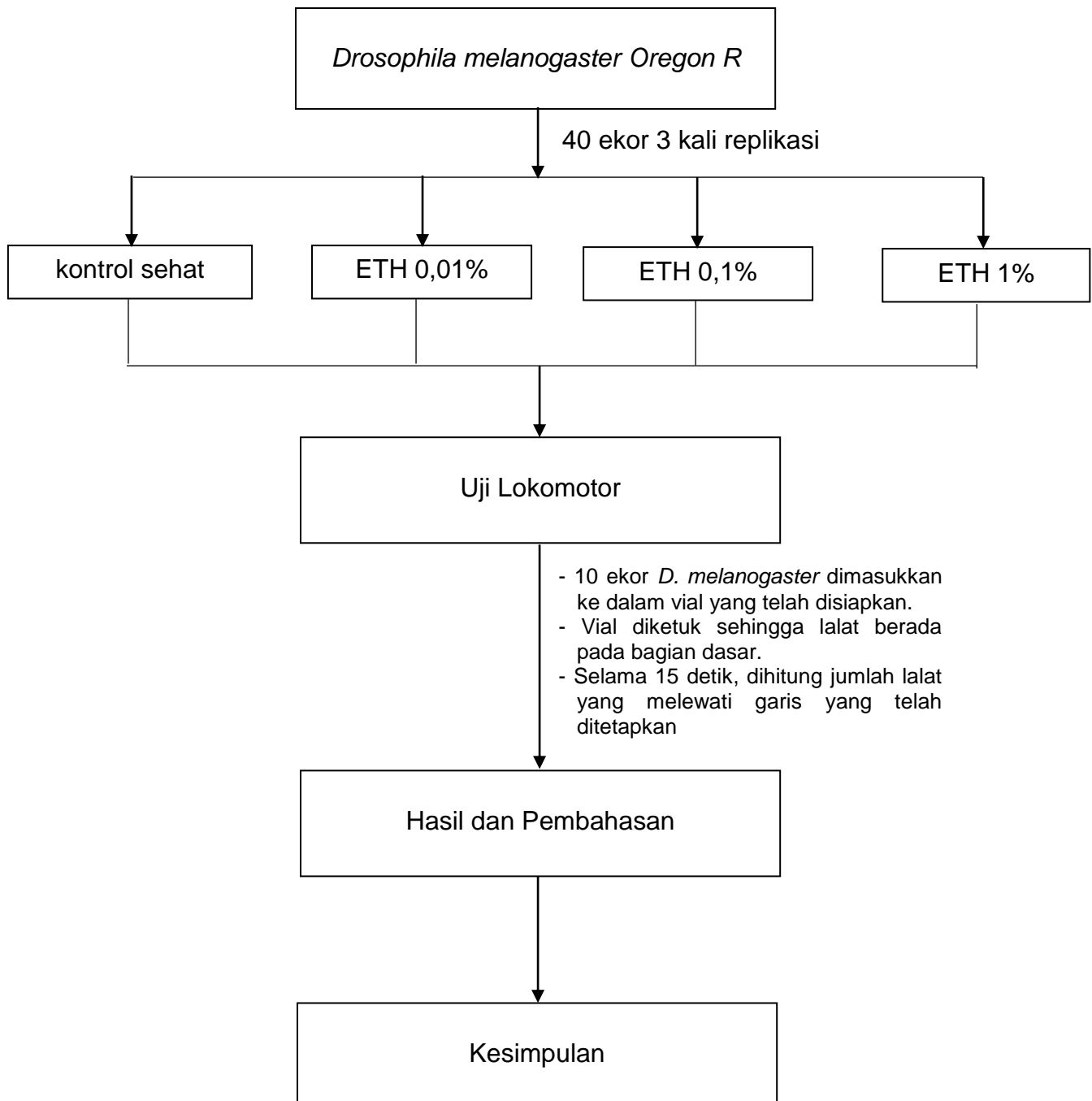
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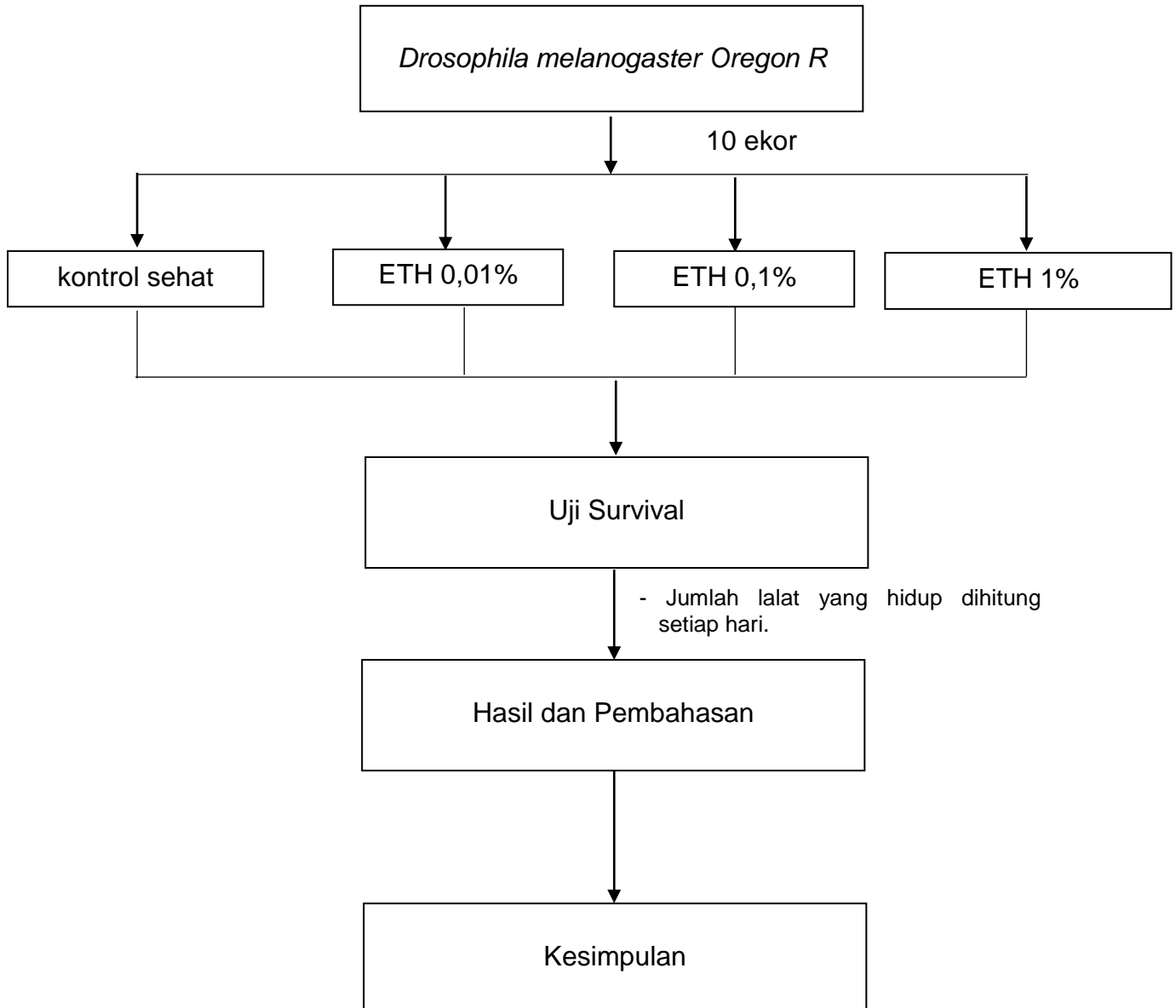
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Lampiran 1. Skema Kerja

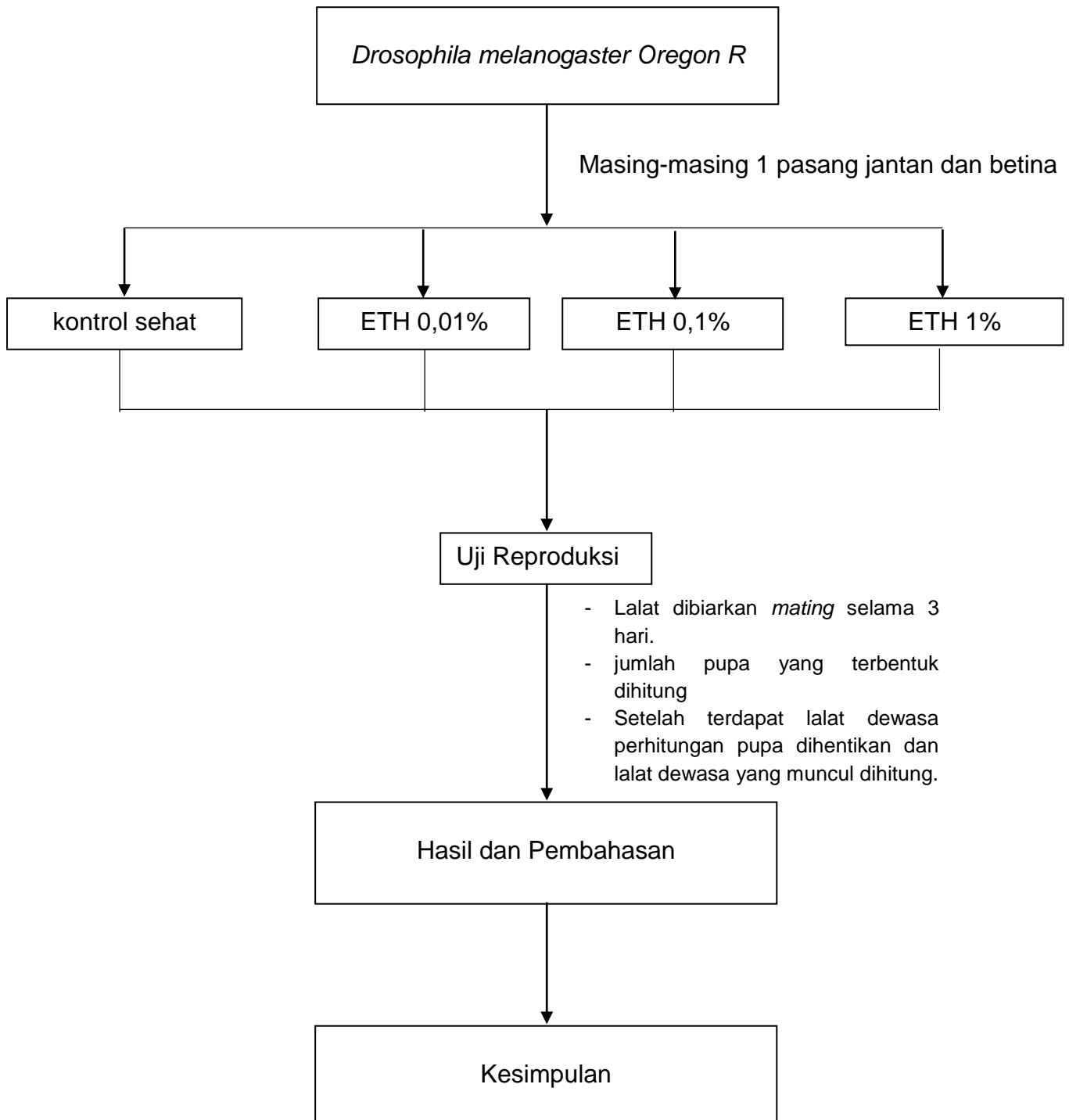
I.1 Uji Lokomotor



I.2. Uji Survival



I.3. Uji Reproduksi



Lampiran 2. Perhitungan konsentrasi ekstrak

$$\% \text{ ekstrak} = \text{jumlah pakan yang dibuat} \times \frac{\text{jumlah konsentrasi ekstrak}}{100}$$

Ekstrak daun teh hijau yang telah dalam bentuk serbuk ditimbang dengan berat masing-masing 0,01%, 0,1% dan 1% yang akan diakumulasikan sesuai dengan total flyfood yang dibuat.

Lampiran 6. Komposisi Pakan

1. Flyfood atau pakan *Drosophila melanogaster*

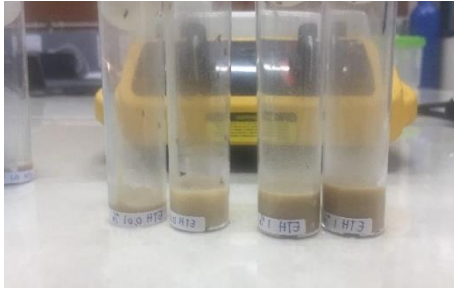
Komposisi pakan *D. melanogaster* untuk 1 liter:

- ❖ *Corn meal* : 75 g
- ❖ Glukosa : 45 g
- ❖ Yeast : 25 g
- ❖ Agar : 9 g
- ❖ Metil paraben : 4,2 ml
- ❖ Asam propionat 15% : 3,8 ml
- ❖ Air steril : ad 1 liter
- ❖ pH : 4-5.

1. Disiapkan alat dan bahan yang akan digunakan.
2. Ditimbang semua bahan:
 - a. Tepung jagung sebanyak 75 gram.
 - b. Ragi (yeast) sebanyak 25 gram.
 - c. Gula pasir sebanyak 45 gram.
 - d. Serbuk agar sebanyak 9 gram
3. Dicampurkan semua bahan dalam gelas Beaker kapasitas 1.000 mL dan dihomogenkan.
4. Dicumukkan dengan aquadest yang telah disterilkan sampai 1.000 mL.
5. Dipanaskan dengan electric hotplate sampai mengental. Kemudian tambahkan asam propionate dan metil paraben.

6. Setelah suhu pakan menjadi hangat, tuangkan ke dalam botol kultur. Selanjutnya masukkan ke dalam masing- masing vial yang telah disediakan.

Lampiran 7. Dokumentasi



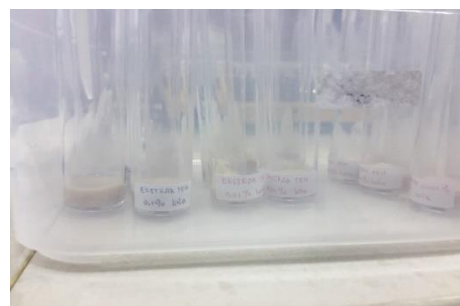
Gambar 9. Pengamatan uji survival



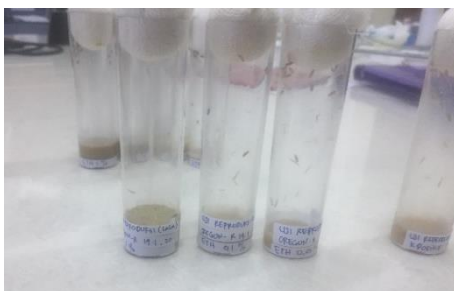
Gambar 10. Pengamatan uji survival



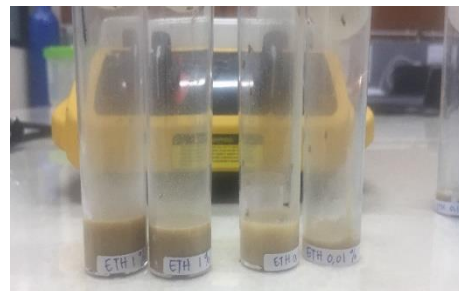
Gambar 11. Pengamatan uji reproduksi



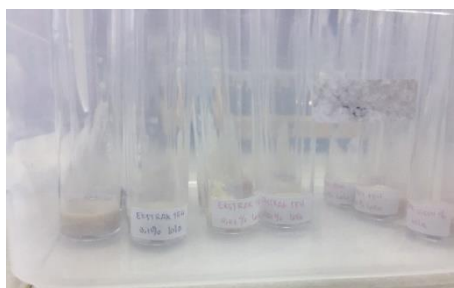
Gambar 12. Pembuatan pakan + ETH



Gambar 13. Pengamatan pupa



Gambar 14. Proses pengamatan survival



Gambar 15. Pengamatan pupa



Gambar 16. Persiapan lalat uji lokomotor



Gambar 17. Proses pembuatan pakan



Gambar 18. Ekstrak teh hijau