

Instrumental insemination of honey bee queens

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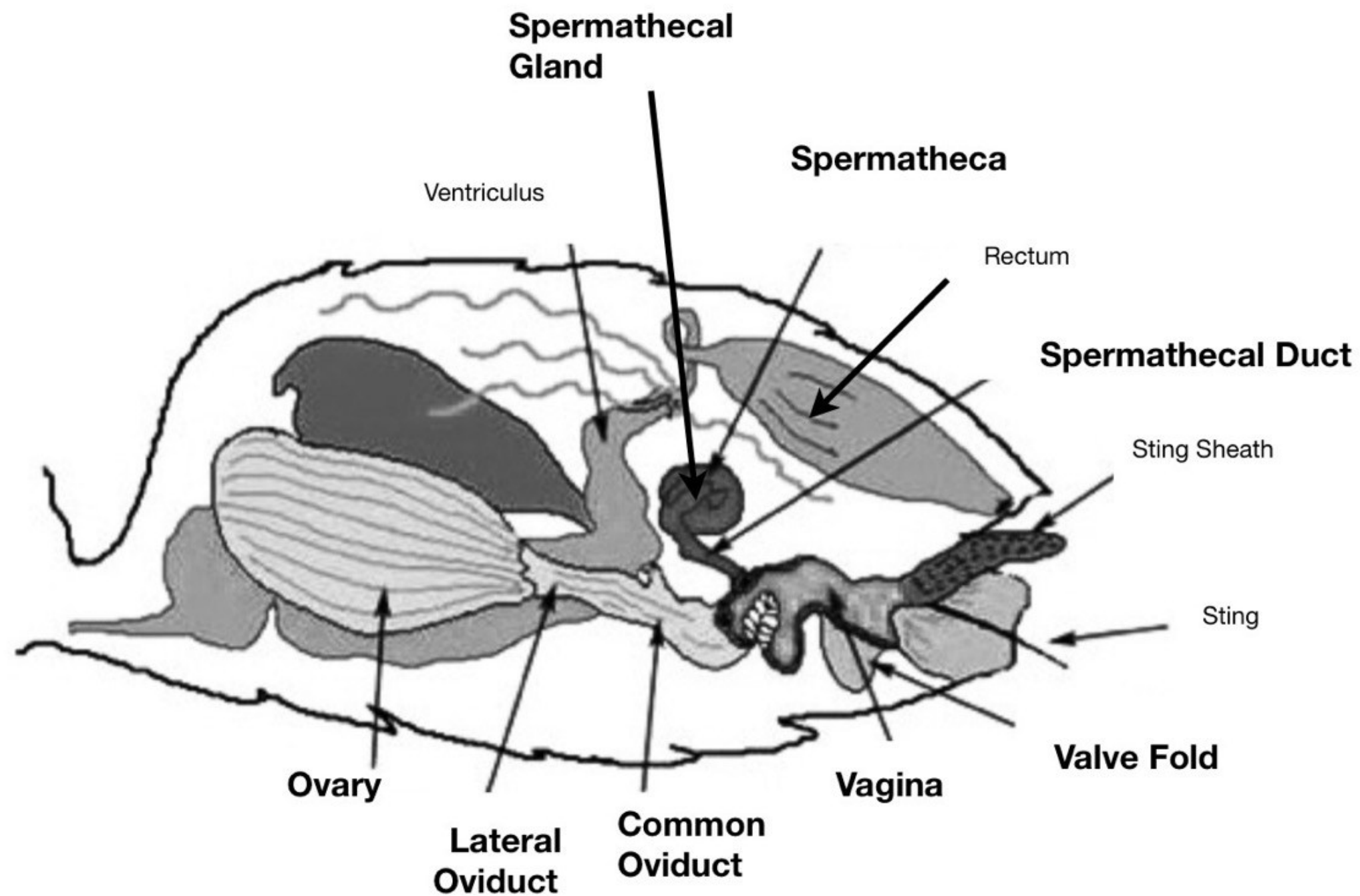
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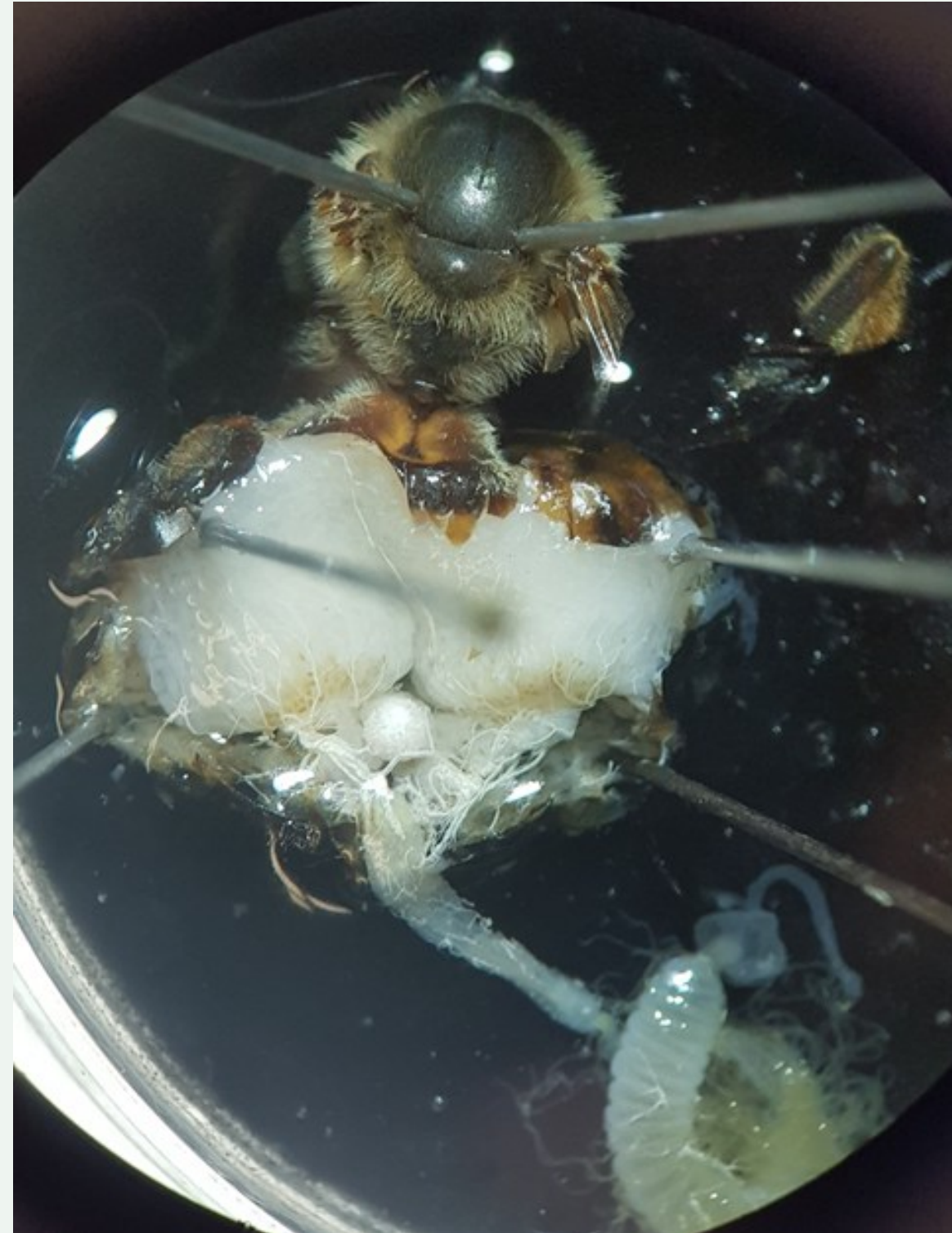
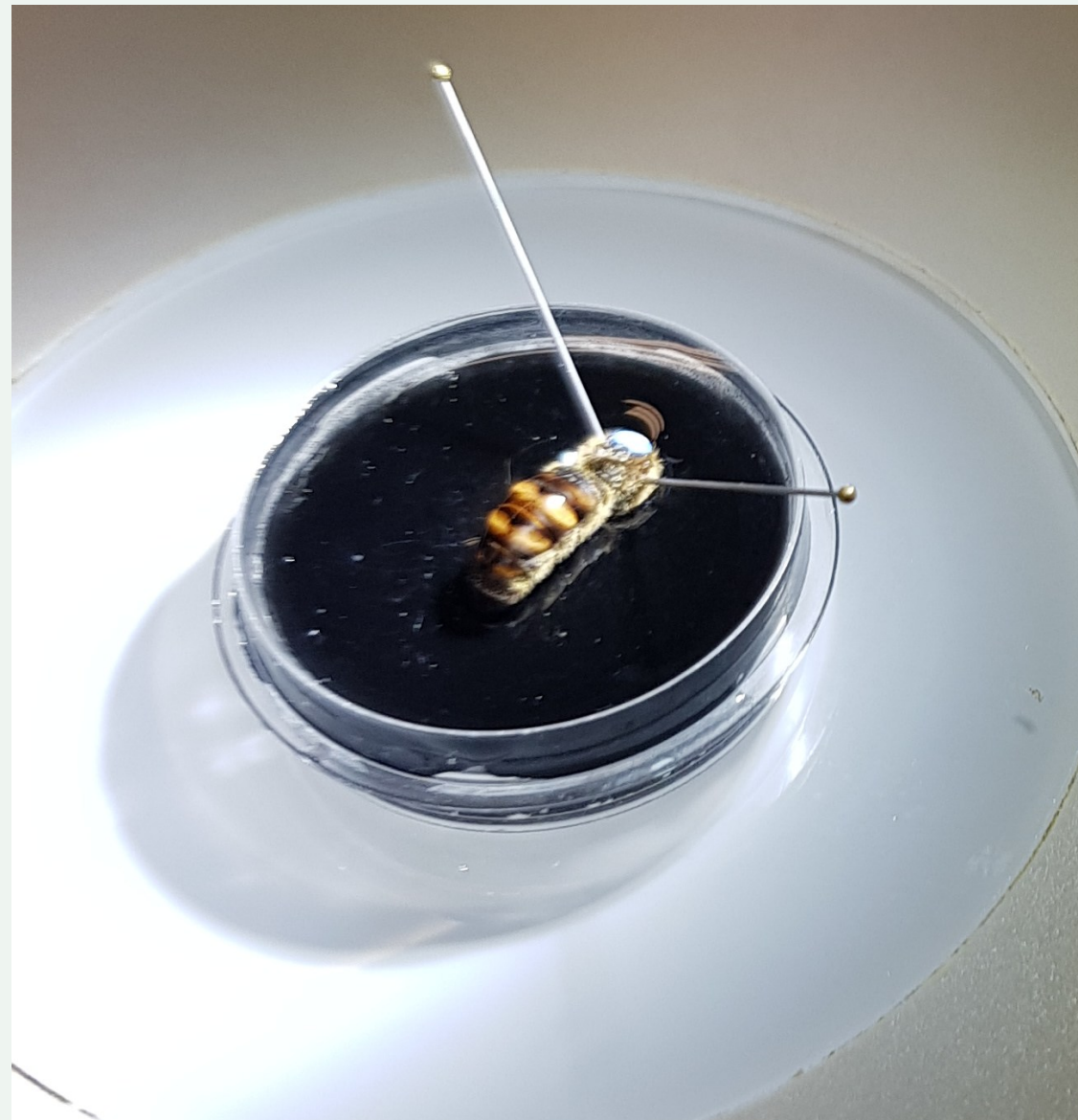
Why?

- The only way to guarantee full control over mating
- Breeding and science

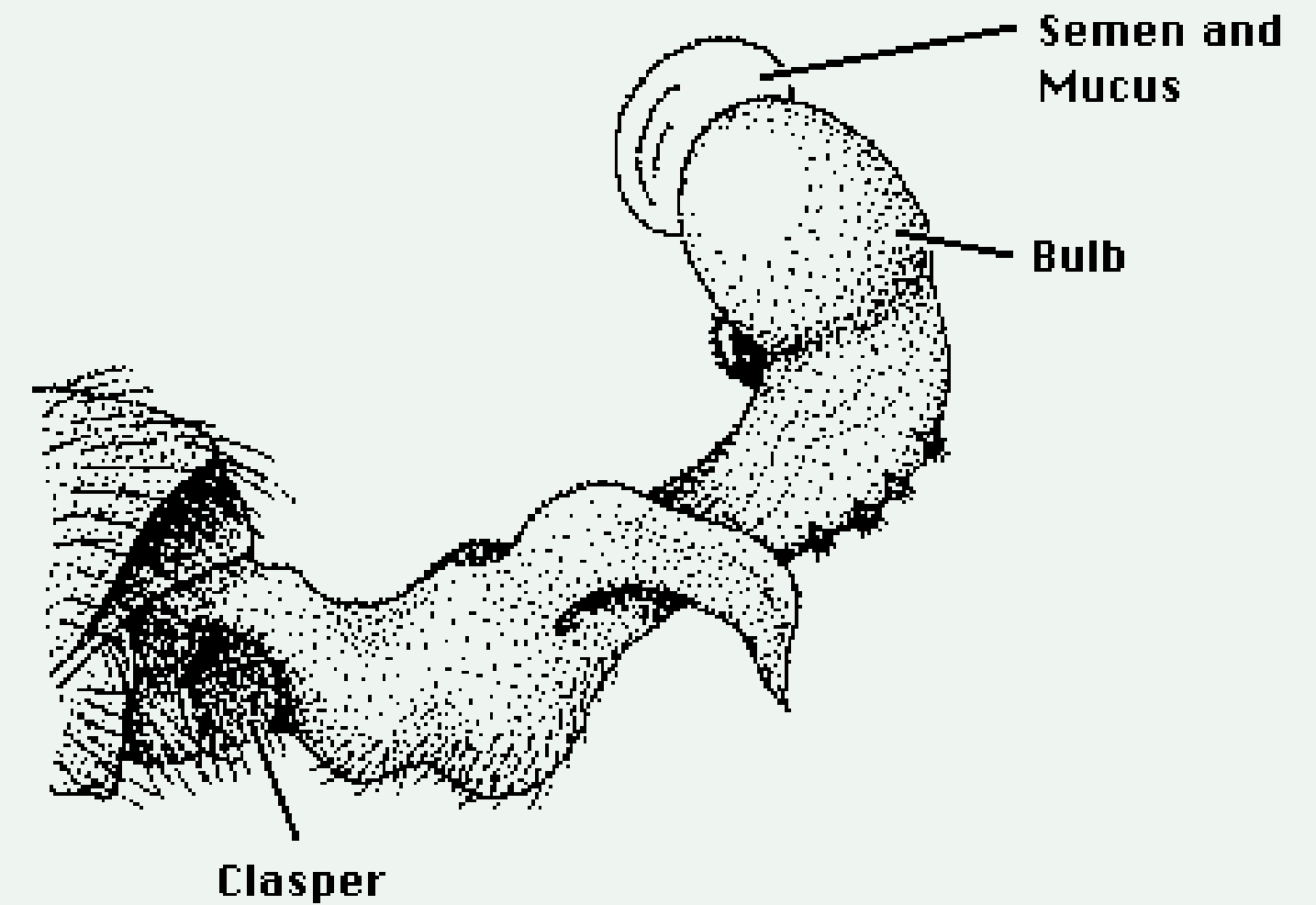
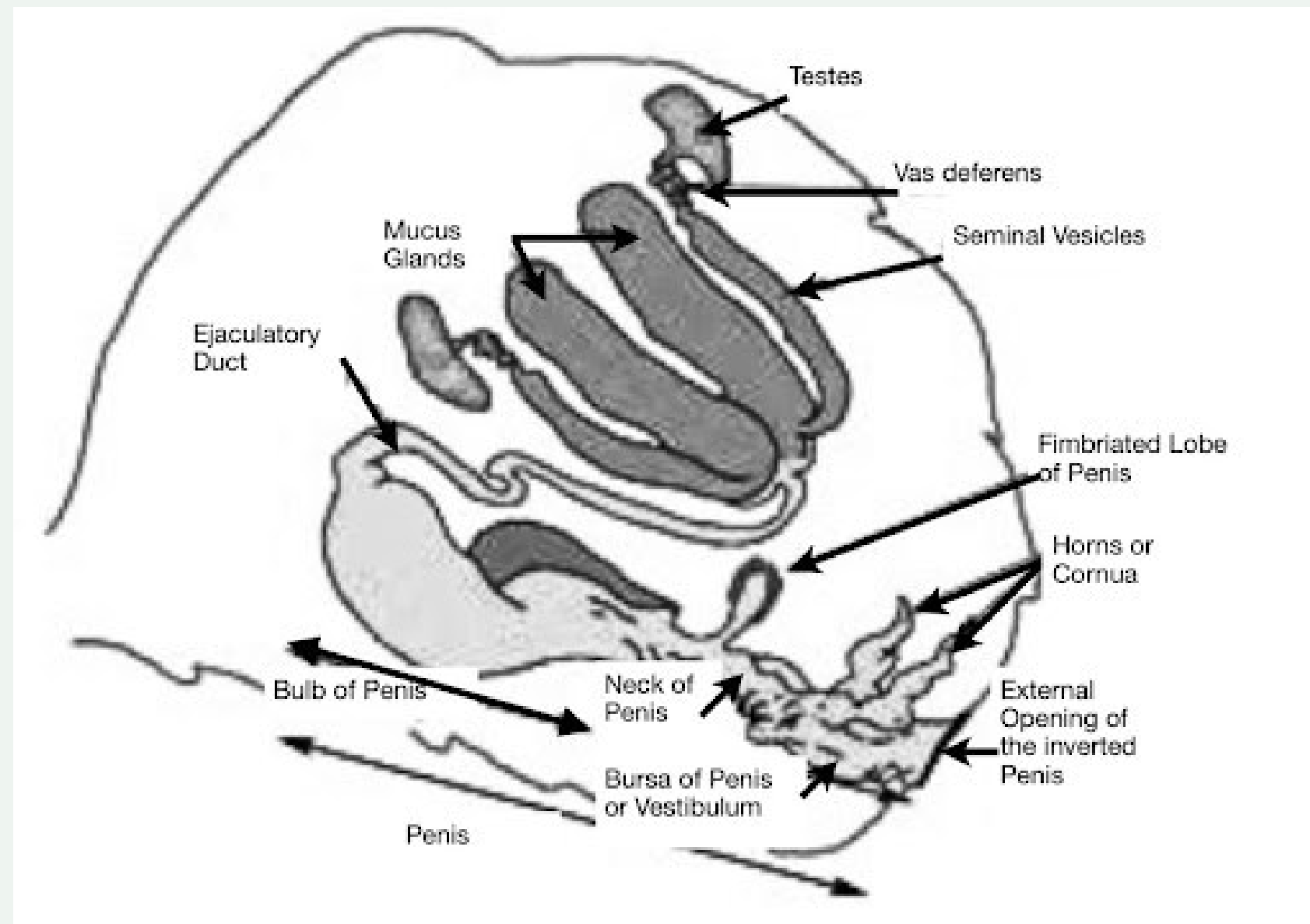
Anatomy: queens



Anatomy: queens



Anatomy: drones



Anatomy: drones

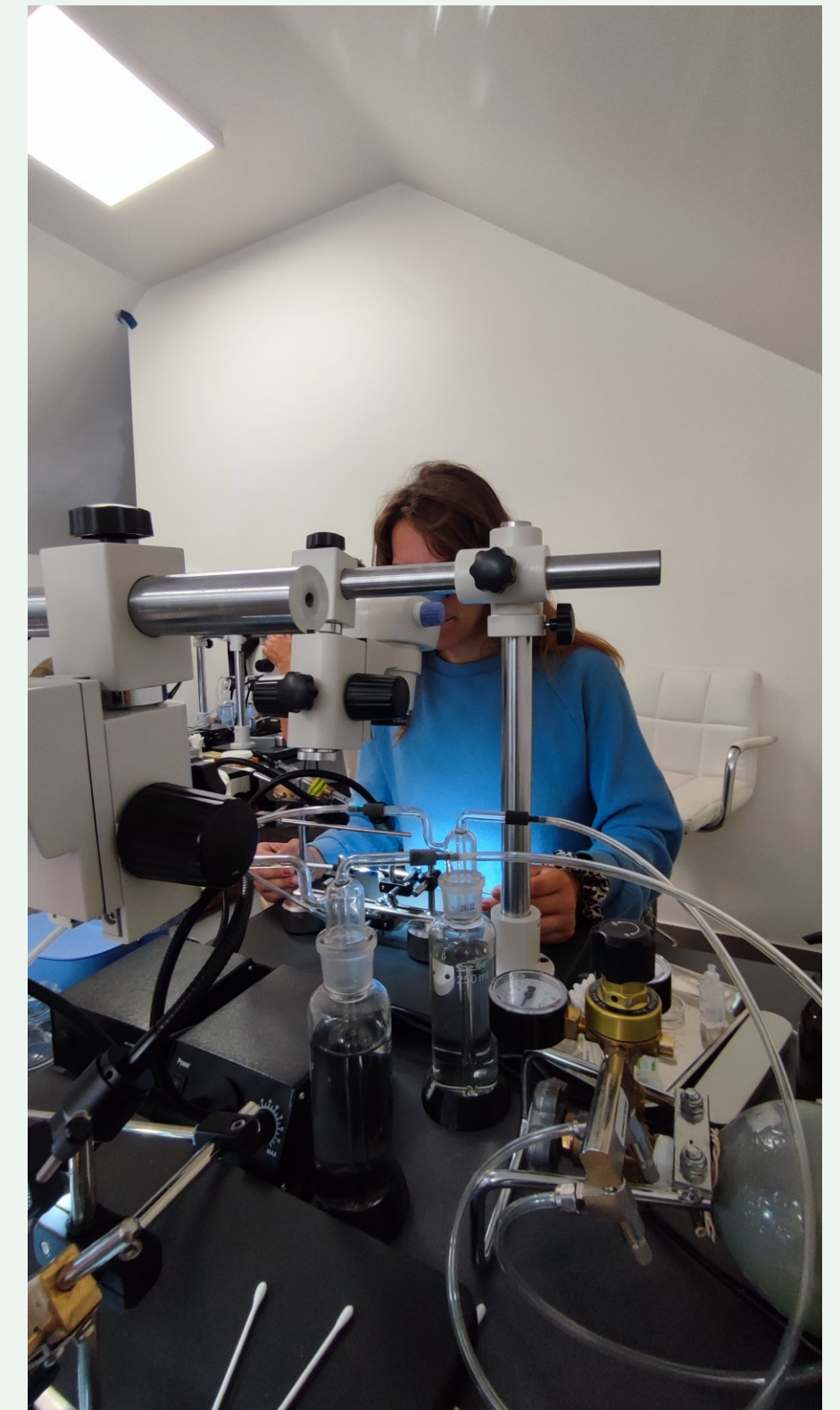
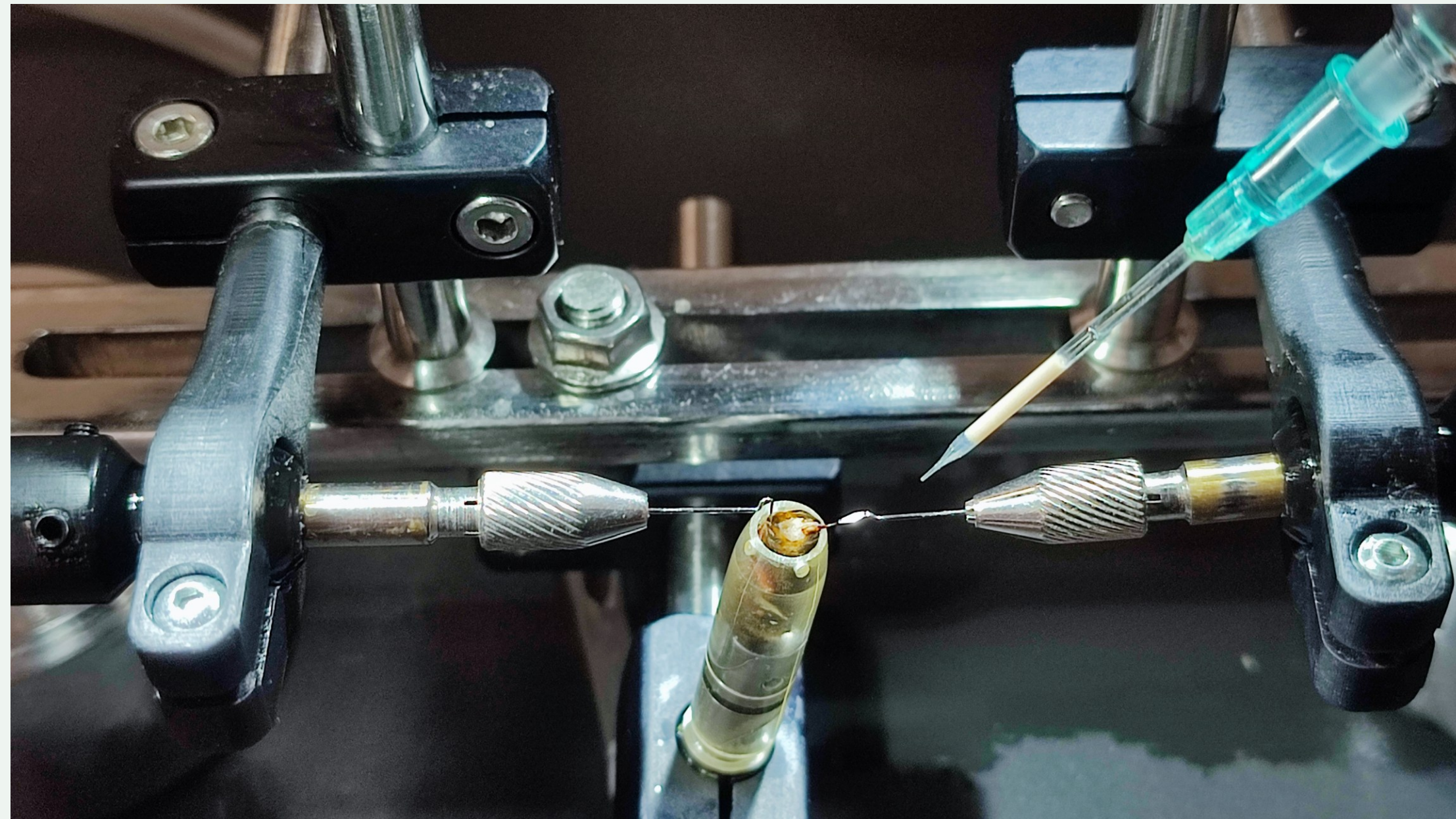


When?

- Queens beetween day 3 an 6
- Drones around day 13



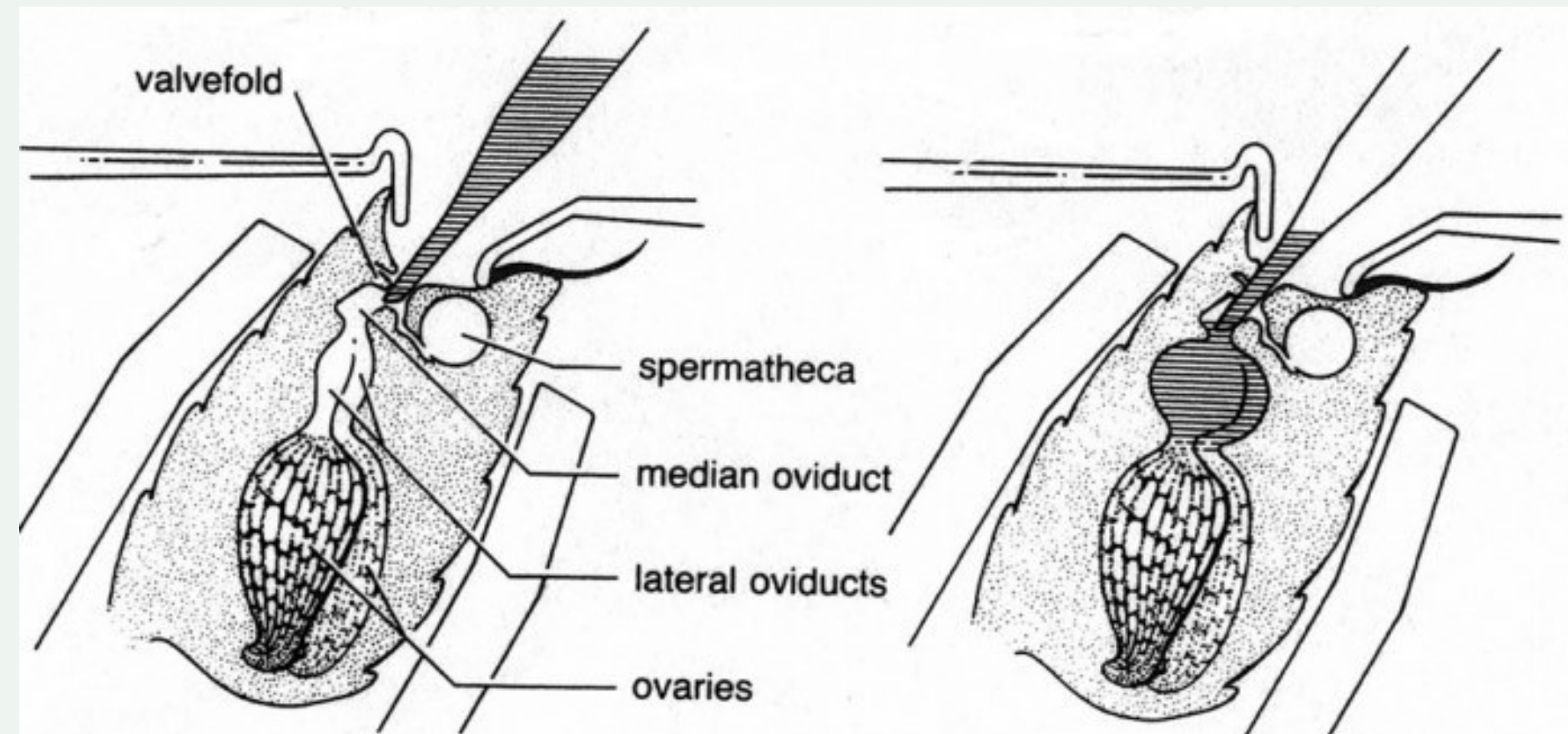
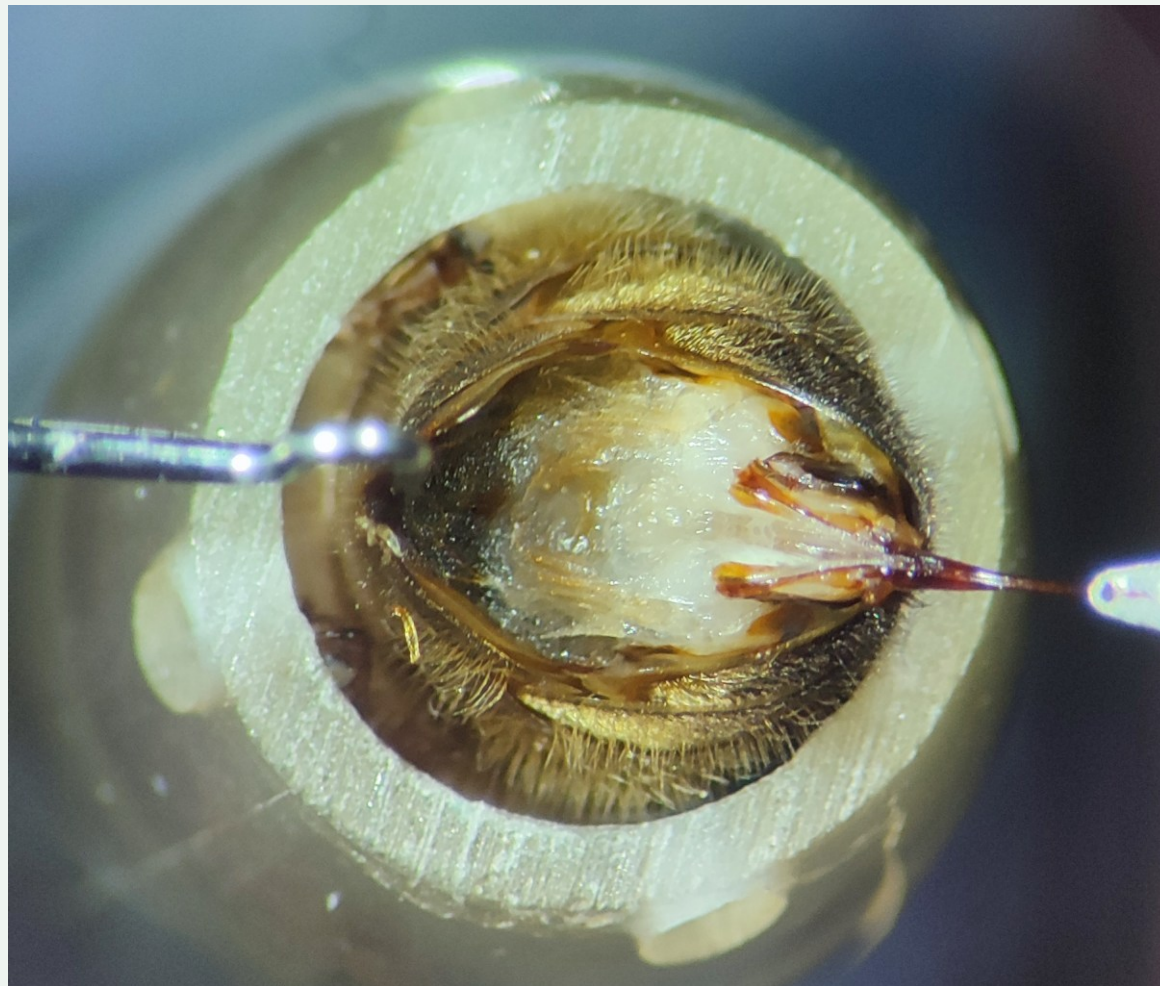
Setup



Collecting the semen



Application of semen



Start of egg laying





Thank you!

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