



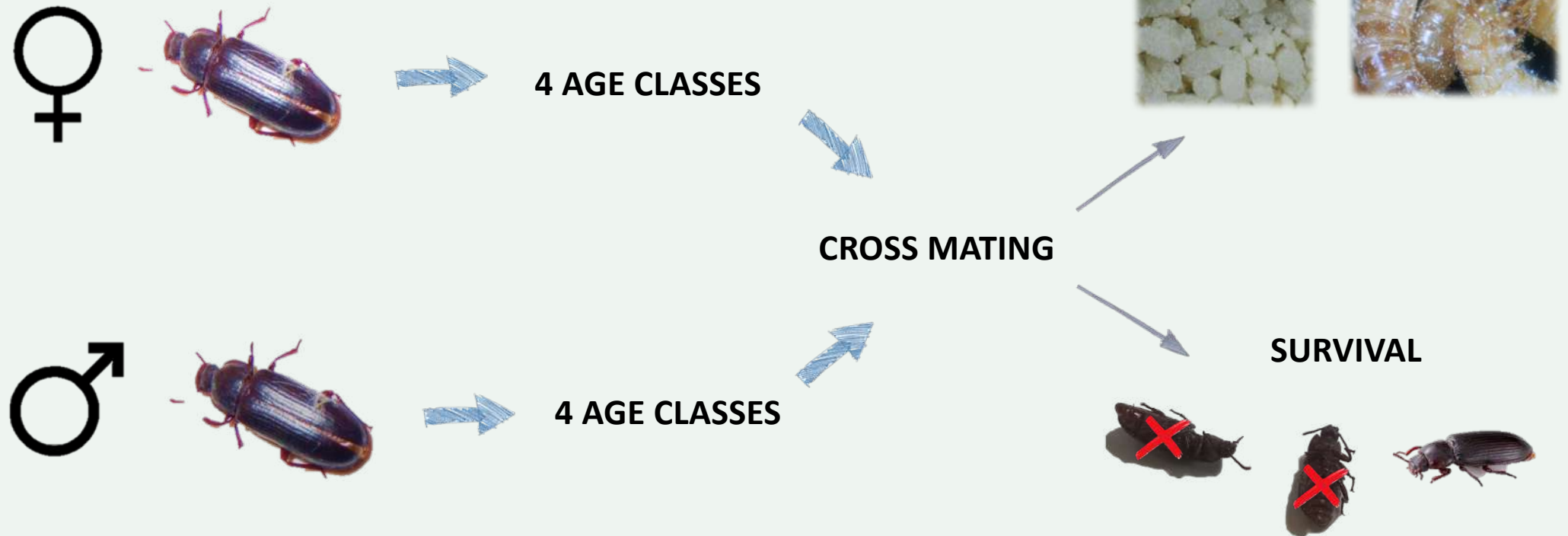
Is age just a number?

Investigating the effects of male and female age on the reproduction of *Tenebrio molitor* L.

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Experimental design



Separation of males and females based on the presence/absence of the pygopods





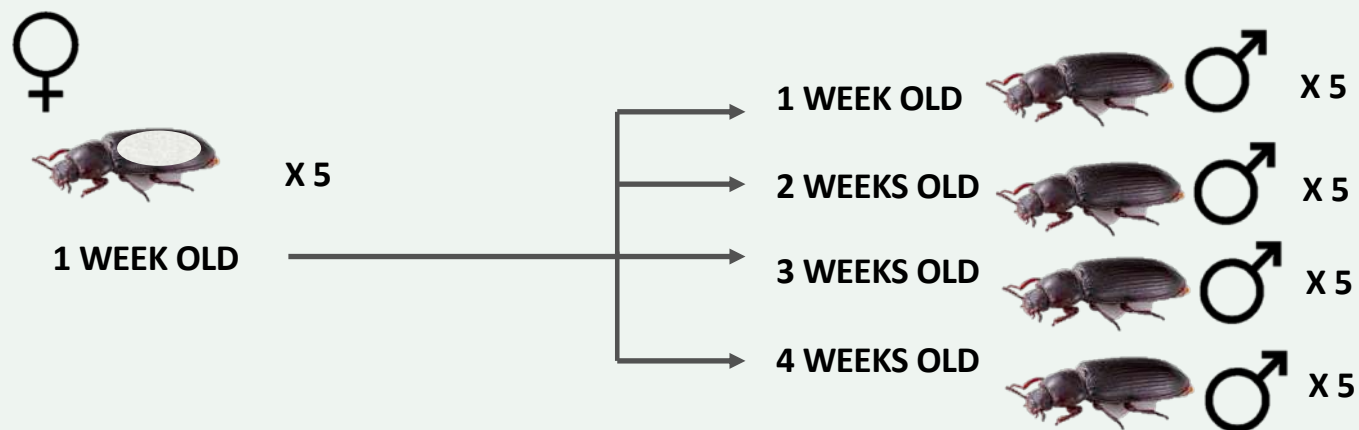


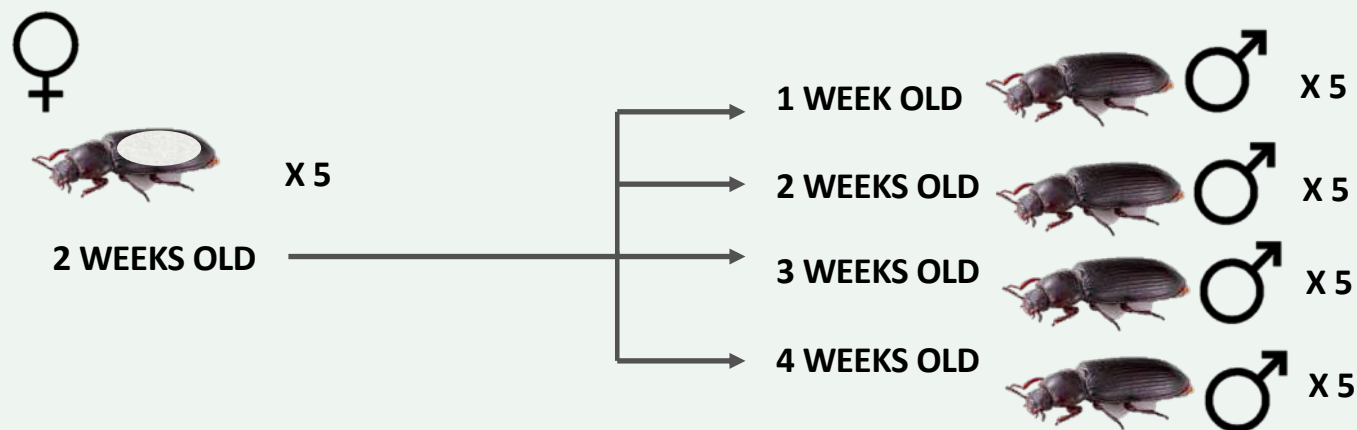
- 1 WEEK OLD
- 2 WEEKS OLD
- 3 WEEKS OLD
- 4 WEEKS OLD

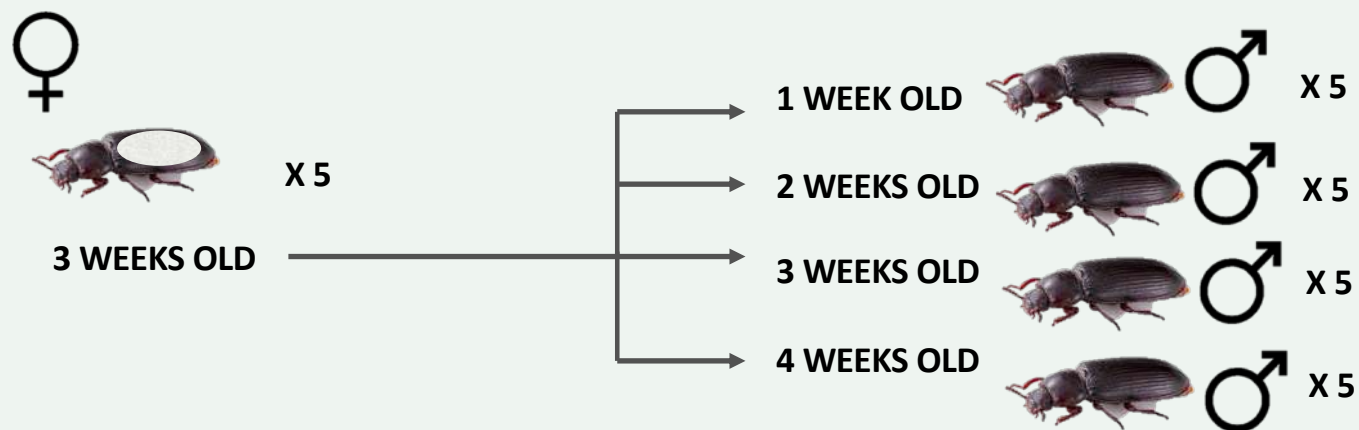


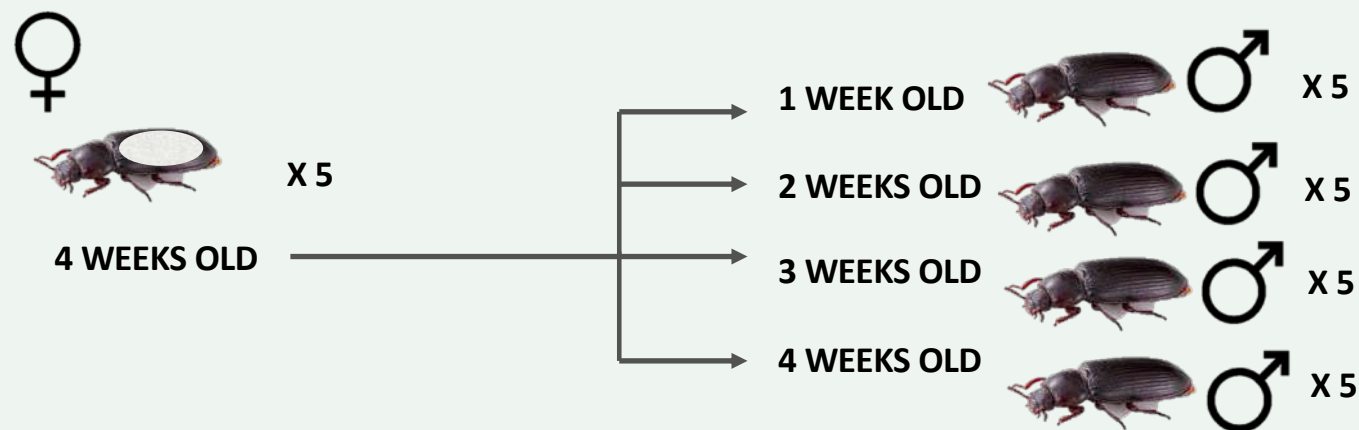
- 1 WEEK OLD
- 2 WEEKS OLD
- 3 WEEKS OLD
- 4 WEEKS OLD

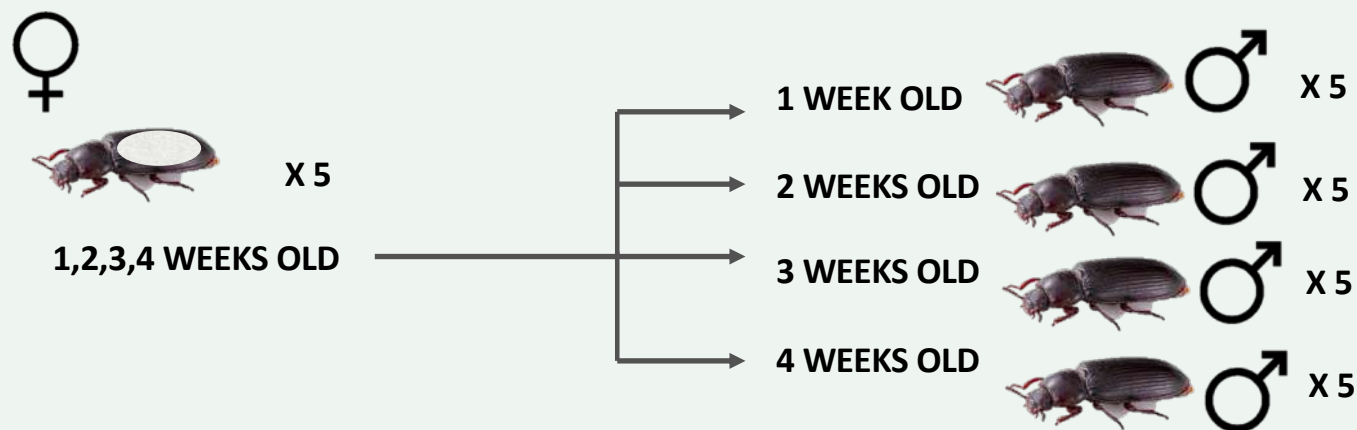


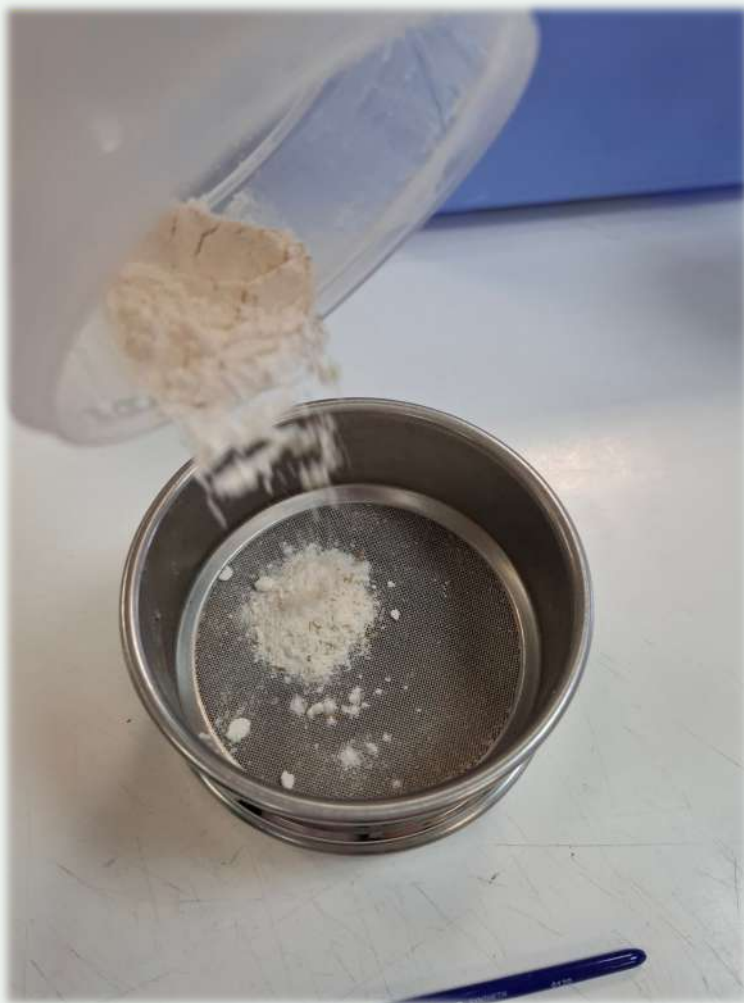




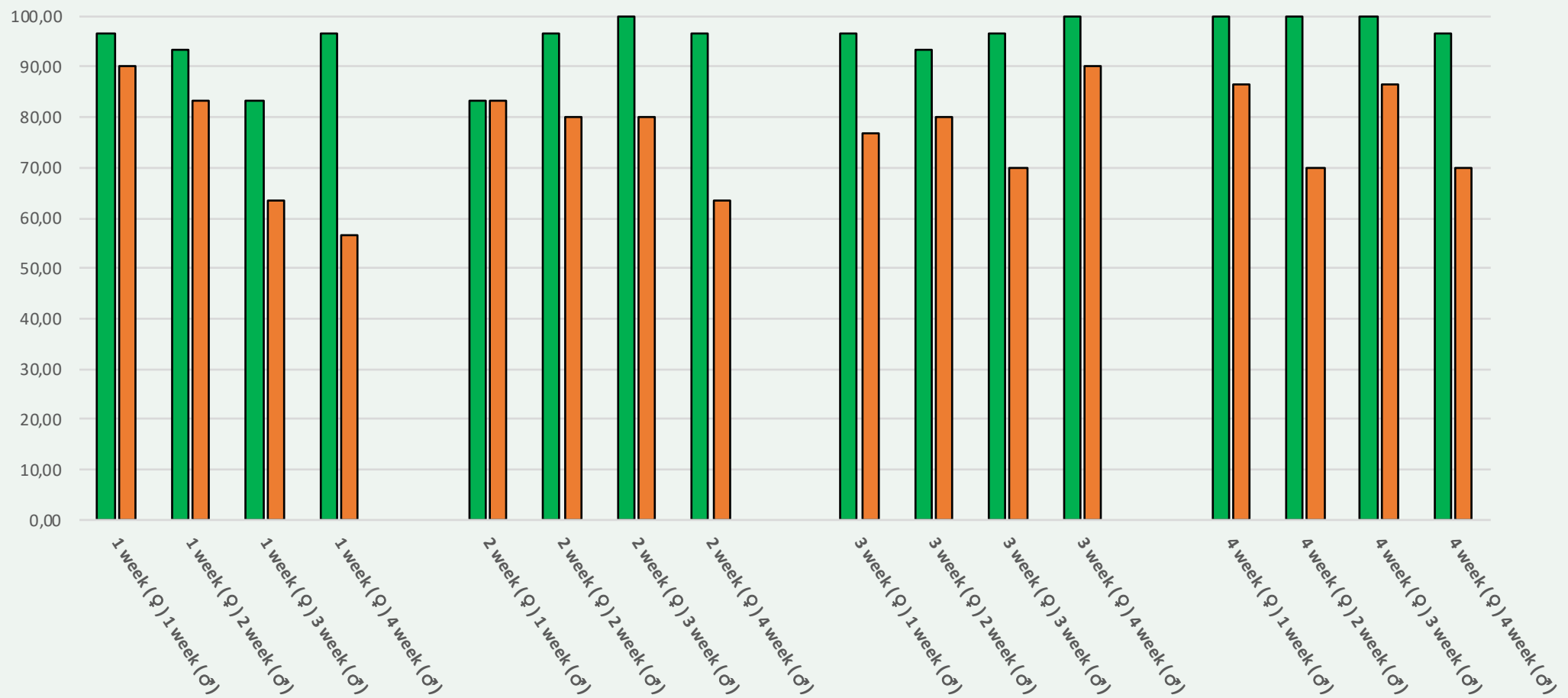




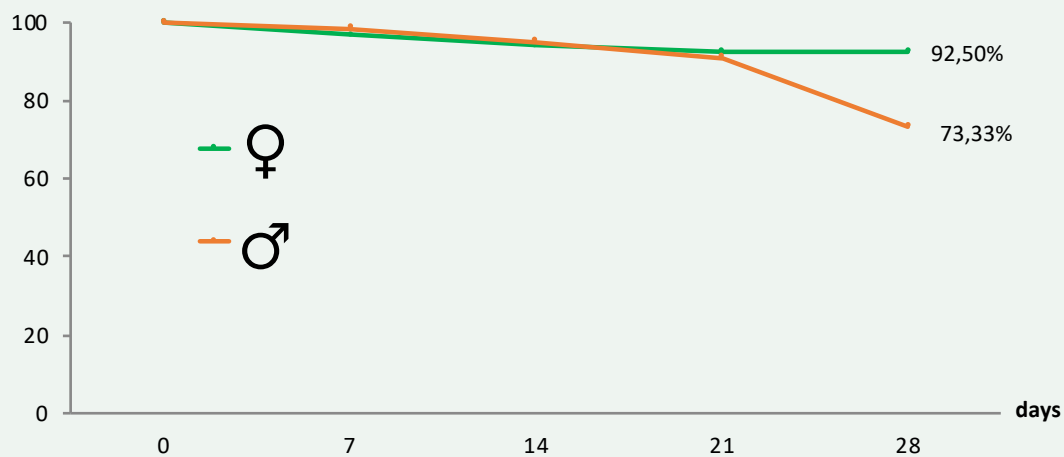




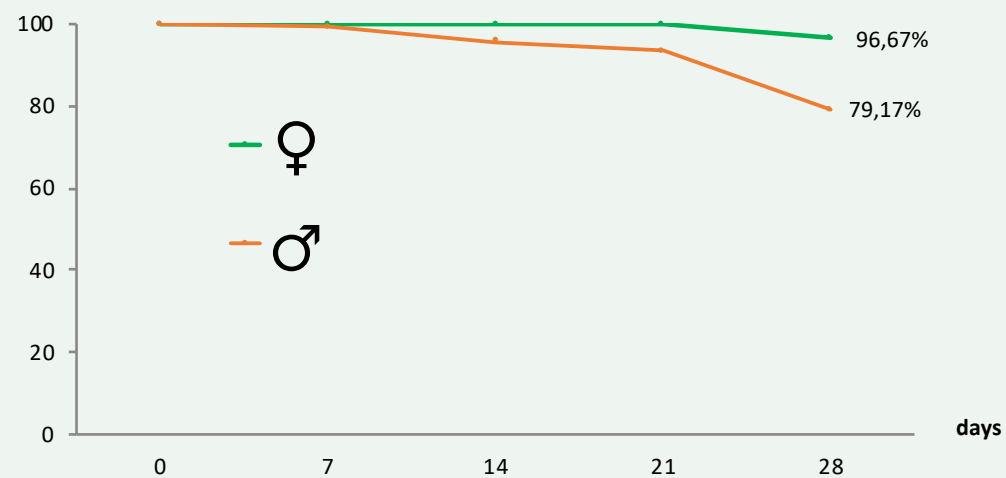
Survival (%)



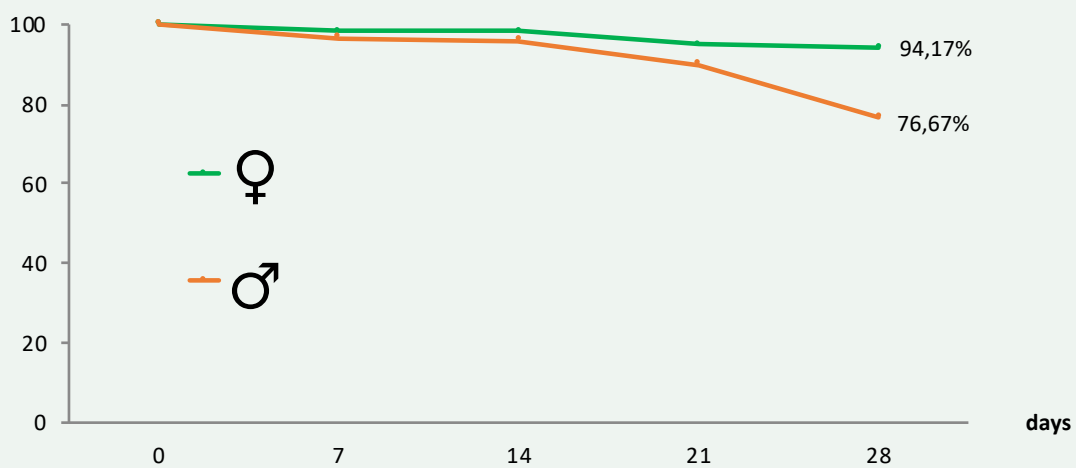
1 week old (♀) - 1 week old (♂)



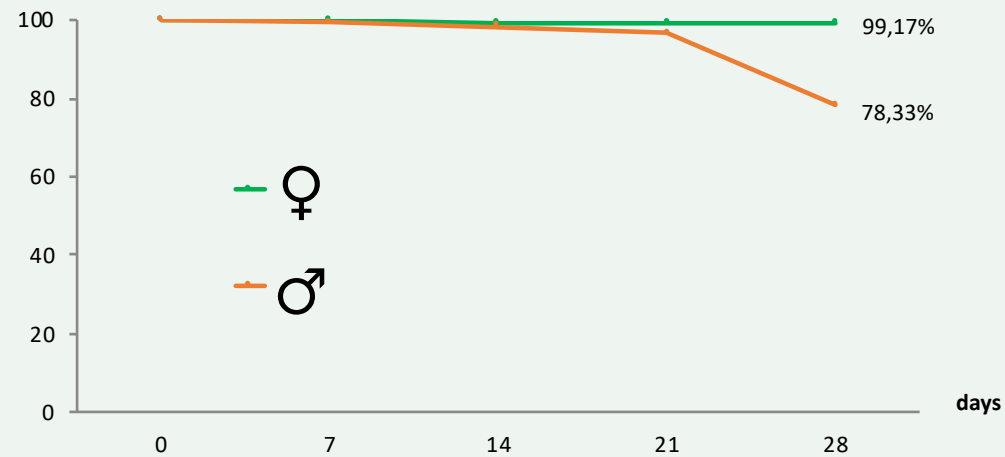
3 weeks (♀) - 3 weeks old (♂)



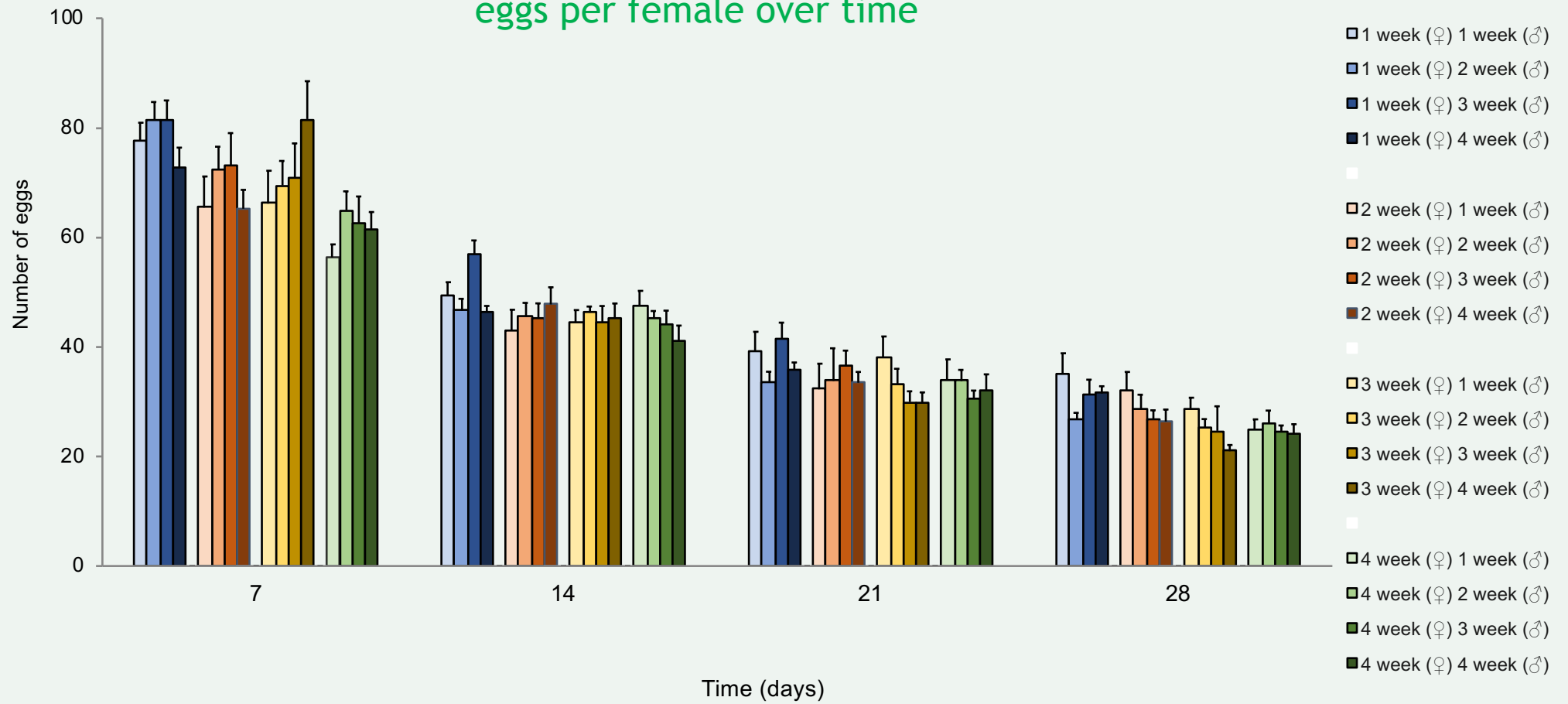
2 weeks old (♀) - 2 weeks old (♂)



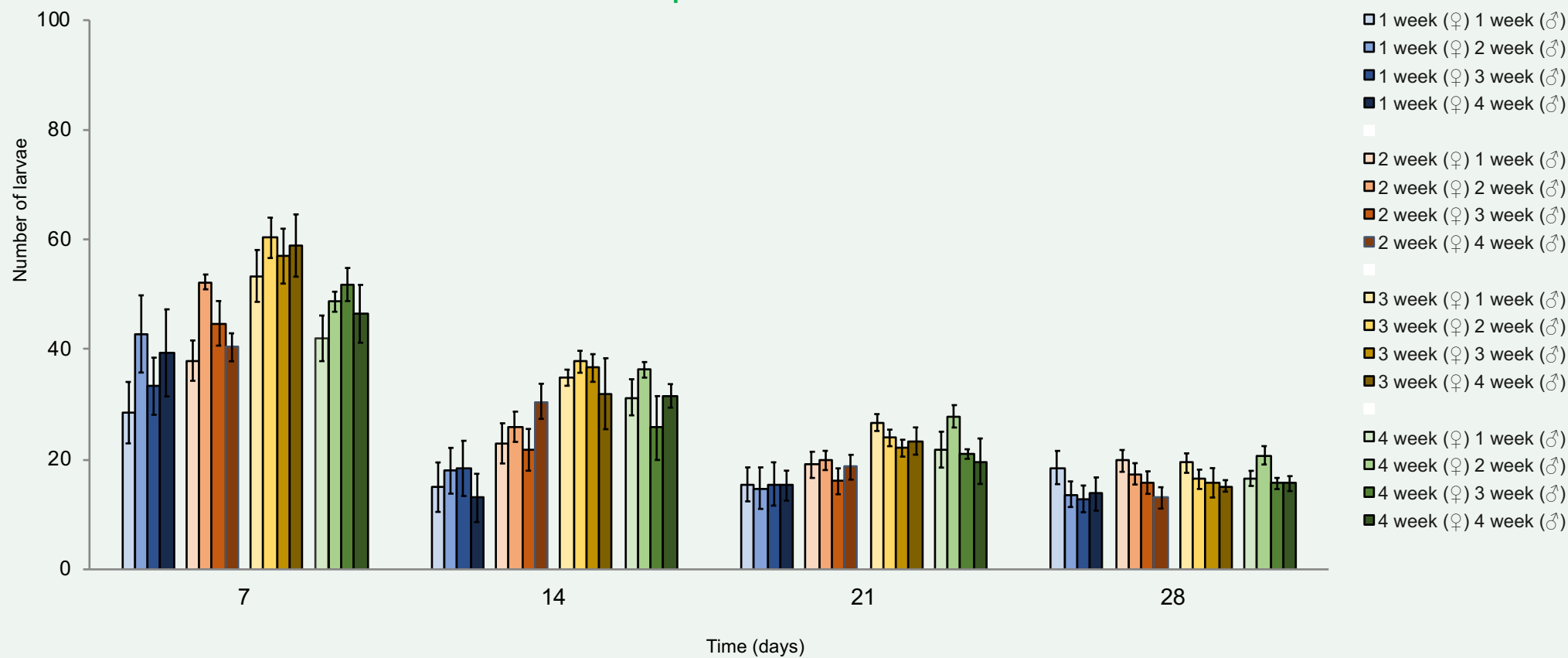
4 weeks old (♀) - 4 weeks old (♂)



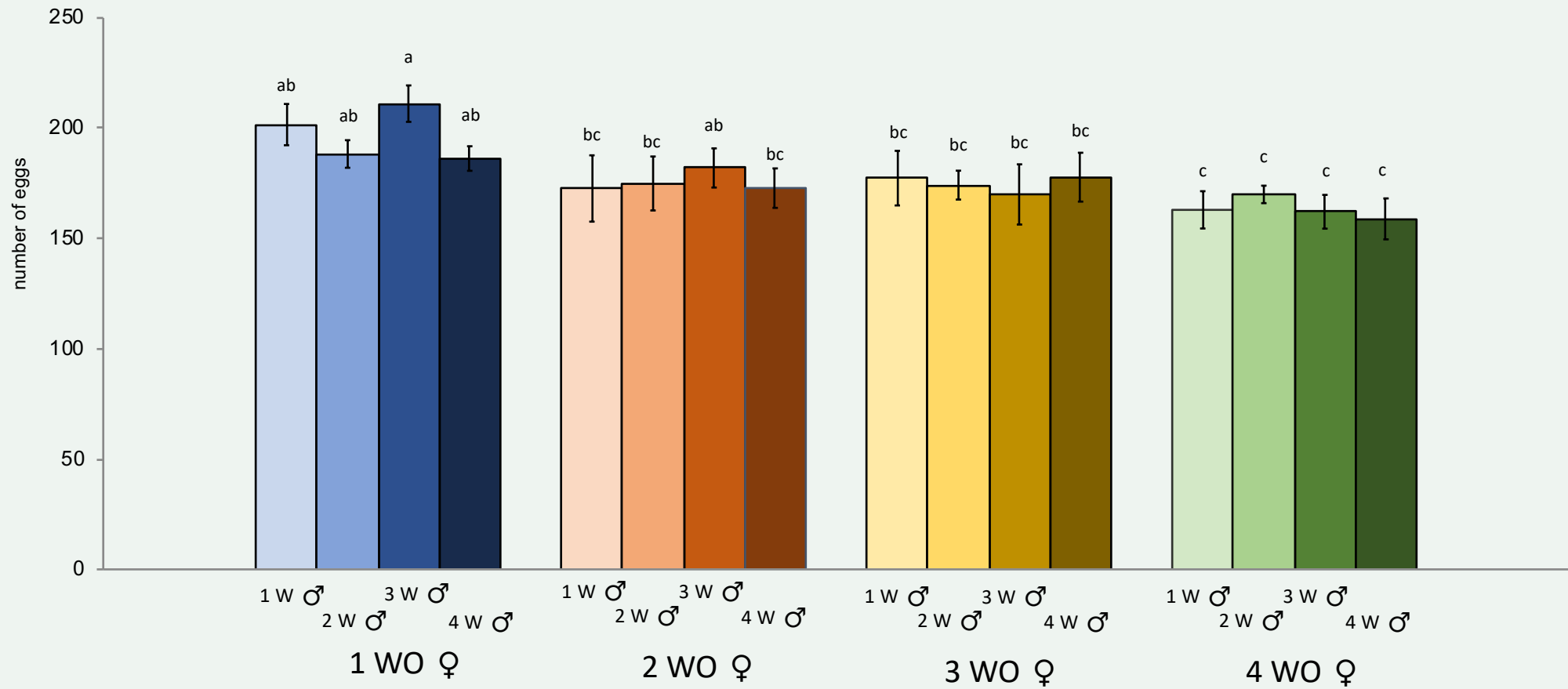
eggs per female over time



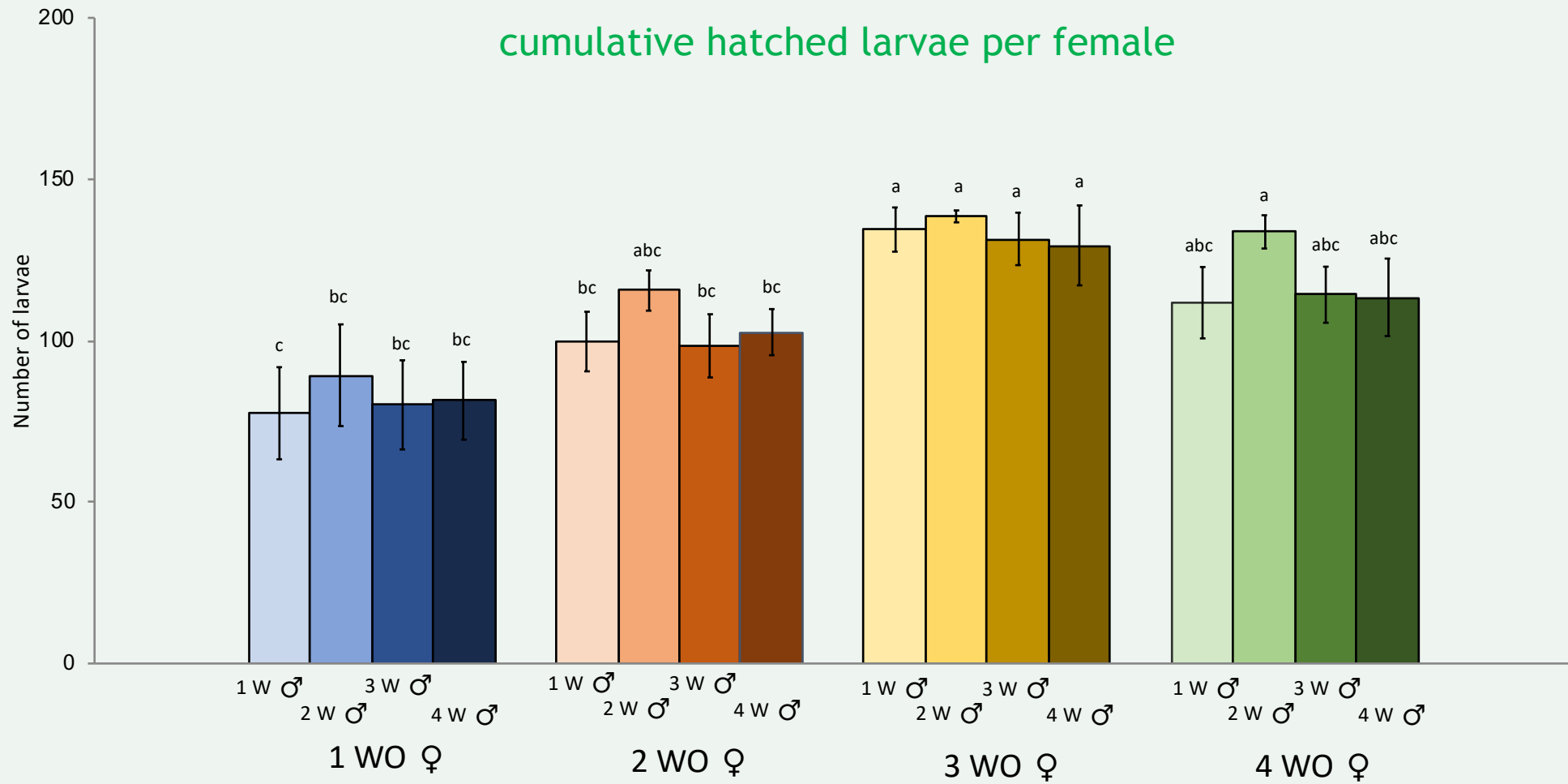
hatched larvae per female over time



cumulative eggs per female



cumulative hatched larvae per female



What next?

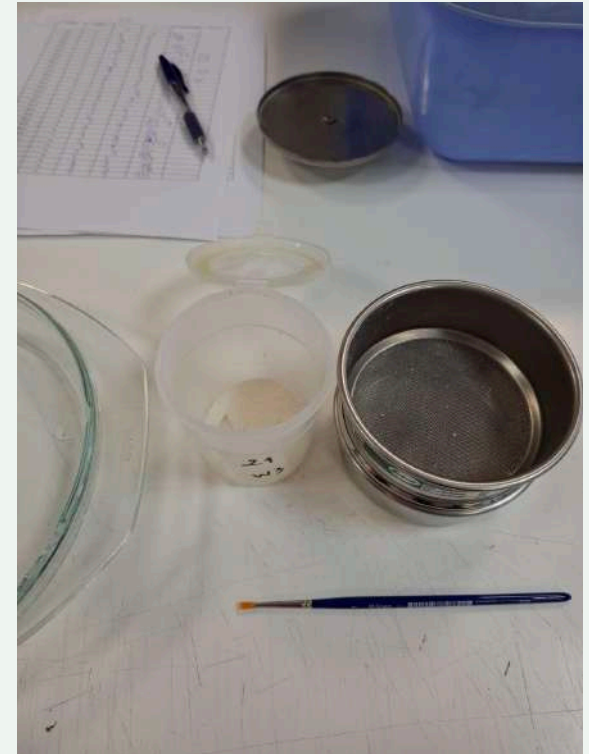


Validate results

Diet?
Strain?
Scale?

Industrialisation

How can these results be translated into practical advances?



Thank you!



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Insect Breeding