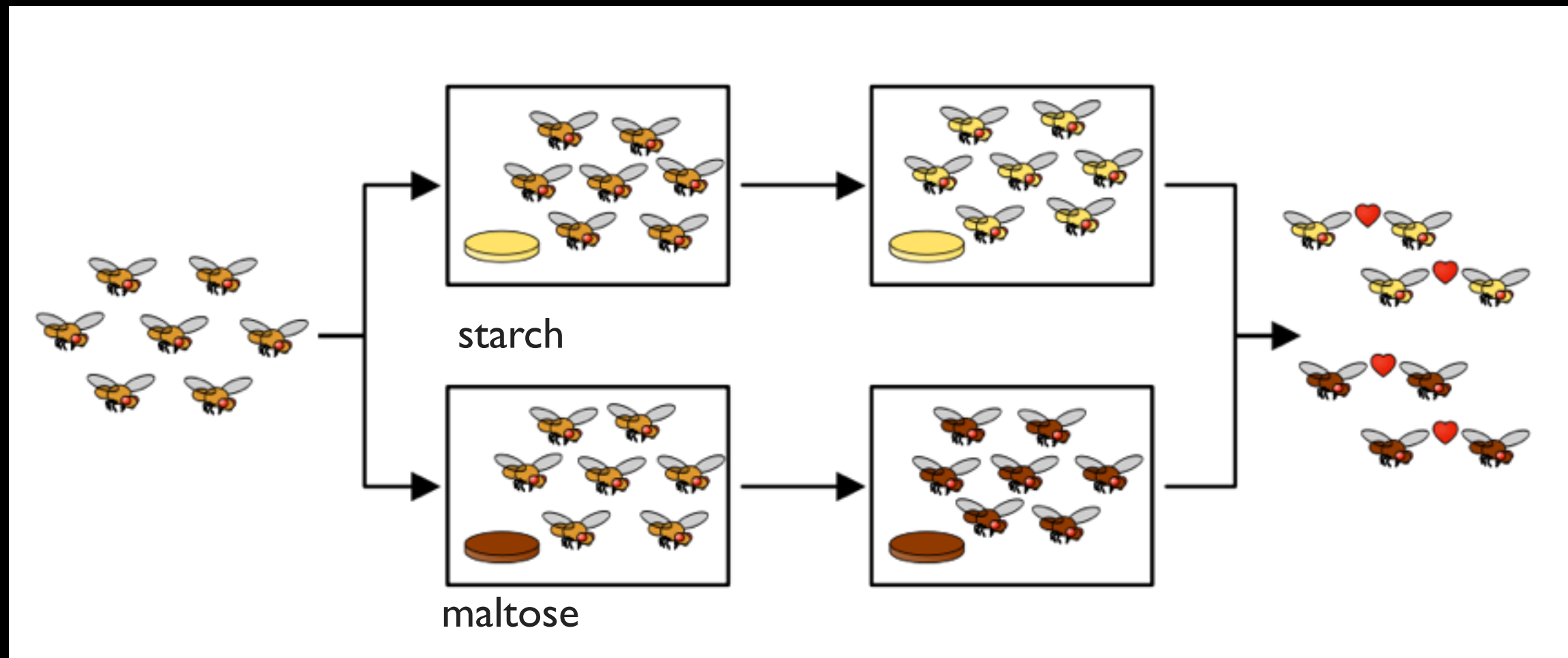


Biology Essentials - 008



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Reproductive Isolation and Speciation

Species

Barriers

Geographic

Pre-zygotic

Post-zygotic

Gene flow

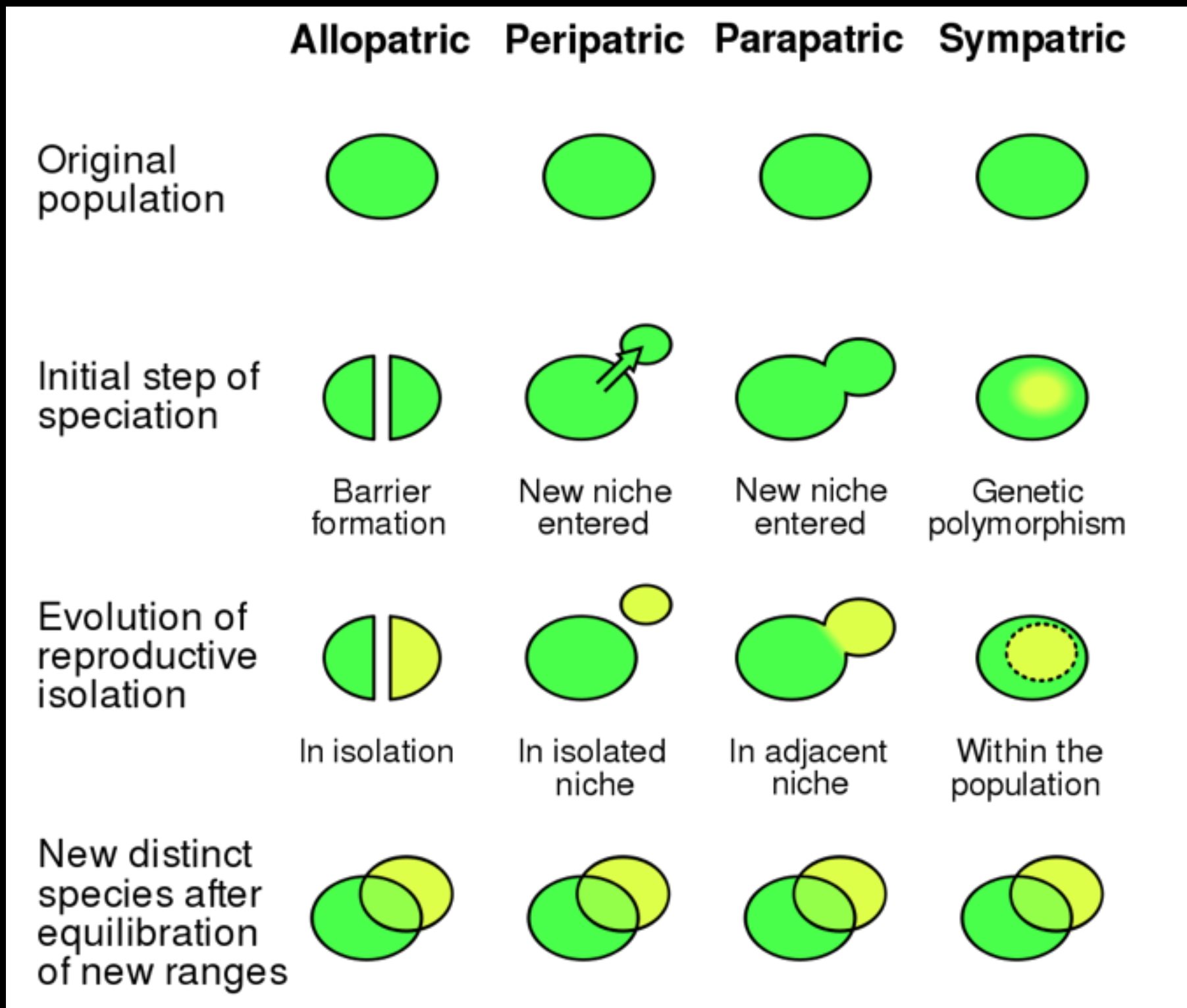
Reproductive
Isolation

Fast

Speciation

Slow

Geographic

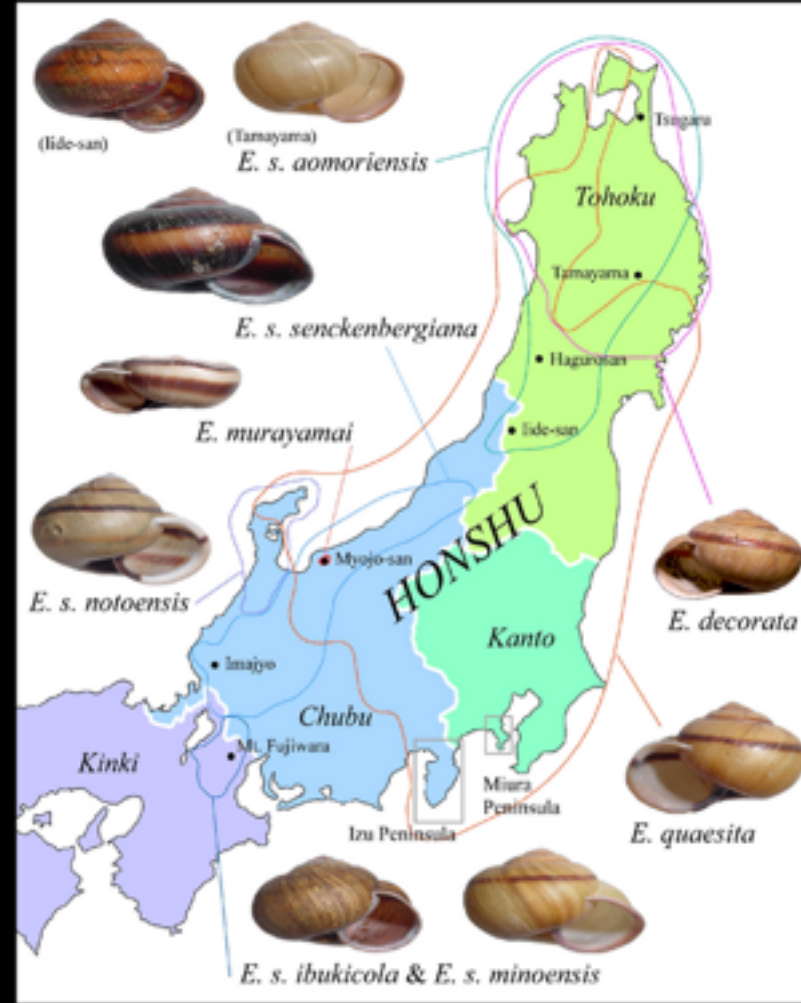


Barriers

Temporal



Mechanical



Pre-zygotic

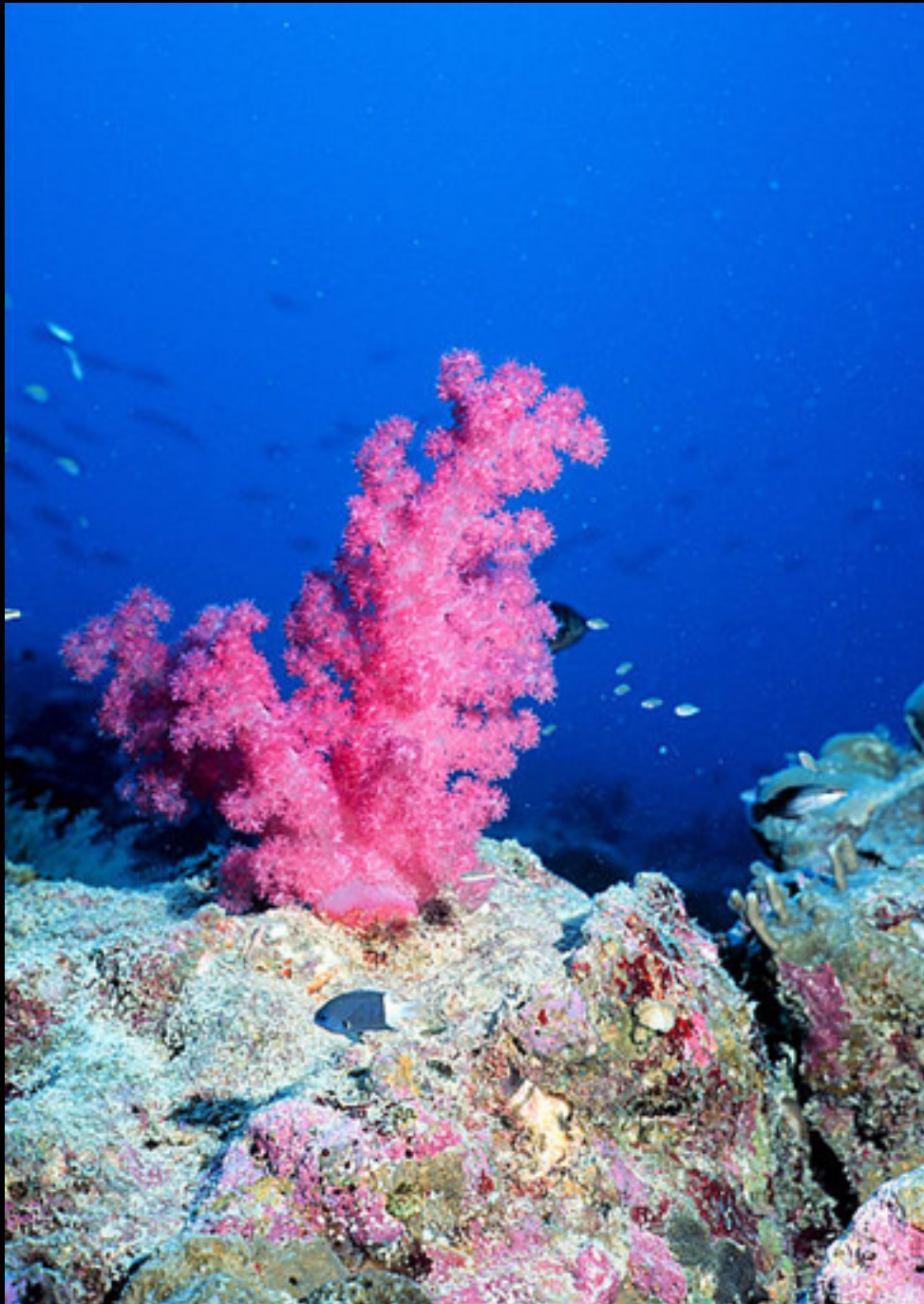
Behavior



Barriers



Zygote Mortality



Post-zygotic

Hybrid Sterility



Barriers

Reproductive Isolation

prevents

gene flow

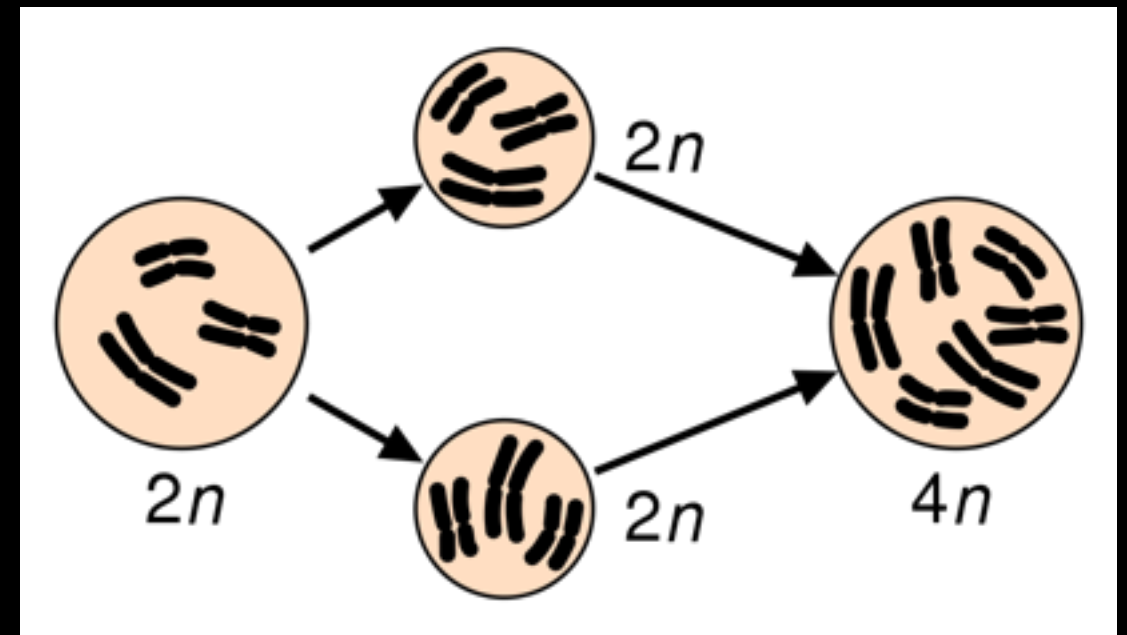


Ulmus pumila

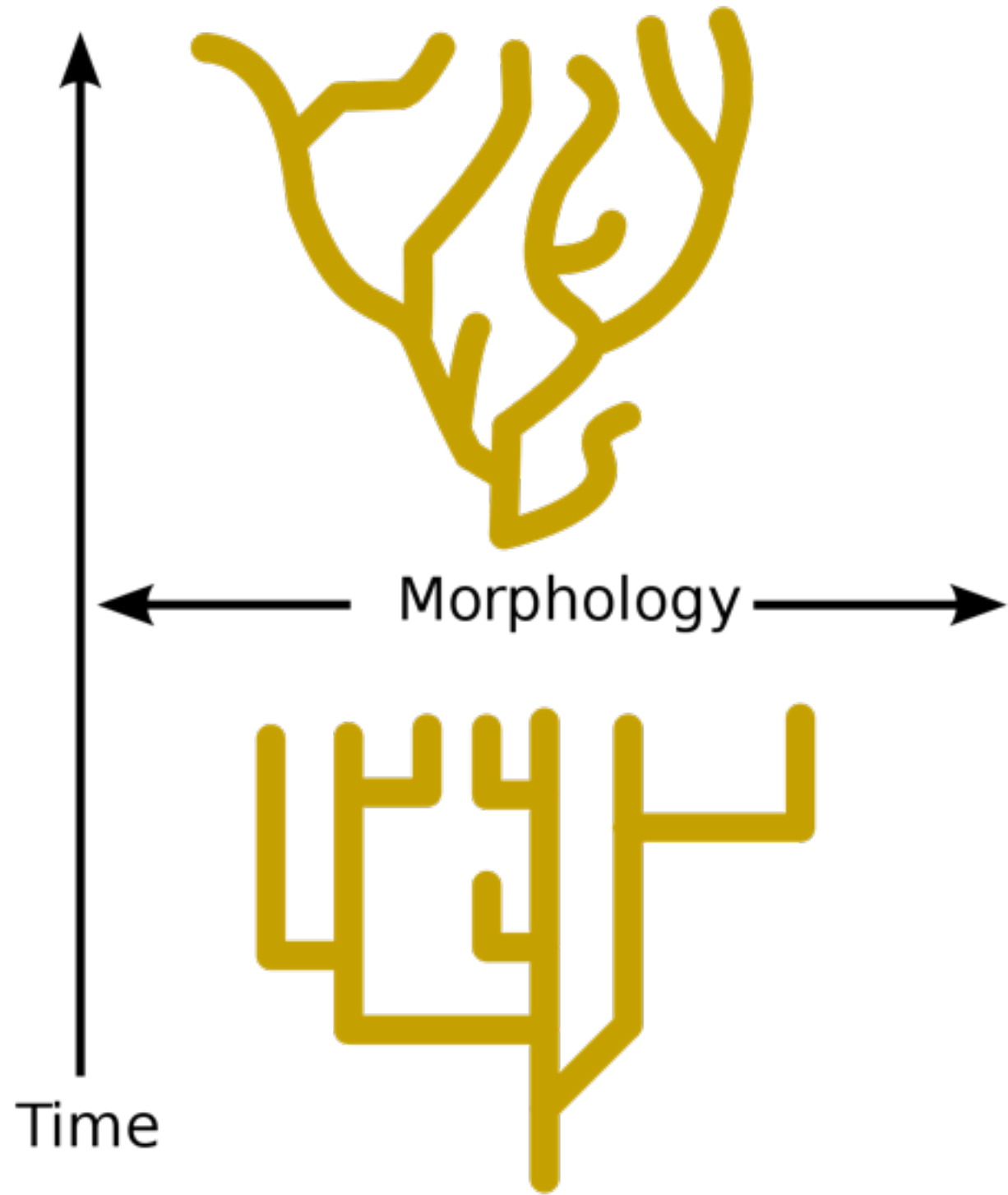
Speciation Rate

Polyploidy

Plains Viscacha Rat



Phyletic Gradualism



Punctuated Equilibrium

Acknowledgements

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