



TT

Genetic Diversity & Adaptation

1 2 3 4 5

Genetic
Diversity

Natural
Selection

_____ :



Evolution



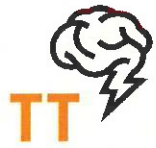
Natural Selection



1)

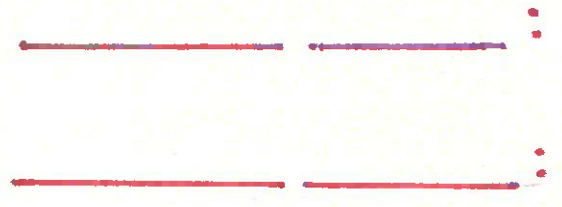
2)

3)

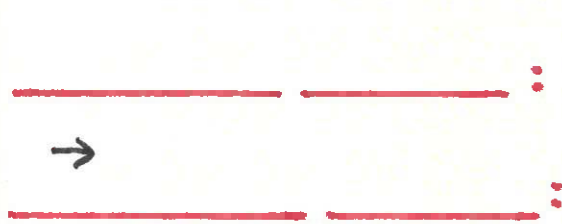


Variation

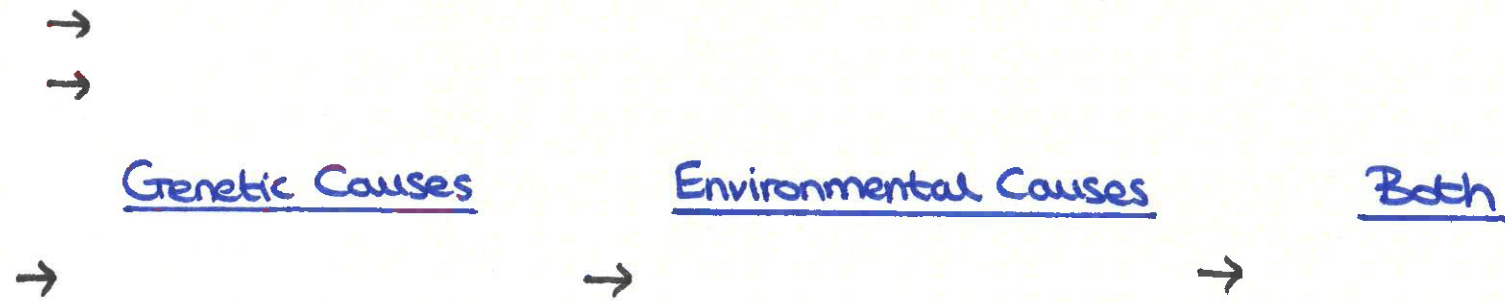
Intra Specific Variation



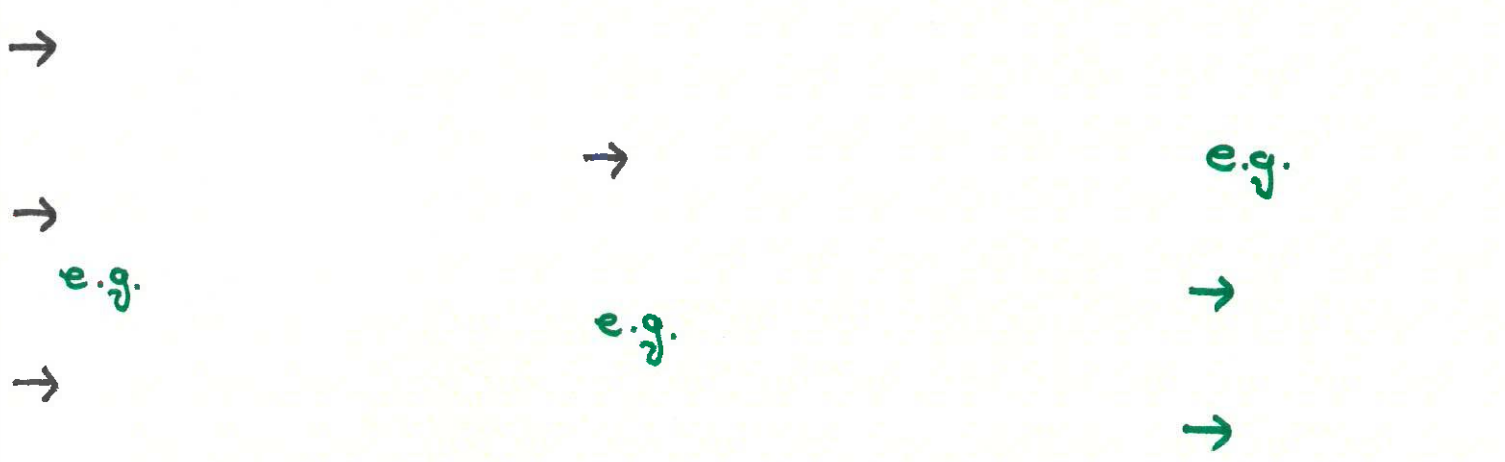
Interspecific Variation



Continuous Variation



Discontinuous Variation





The Hardy-Weinberg Principle

The Hardy-Weinberg Principle

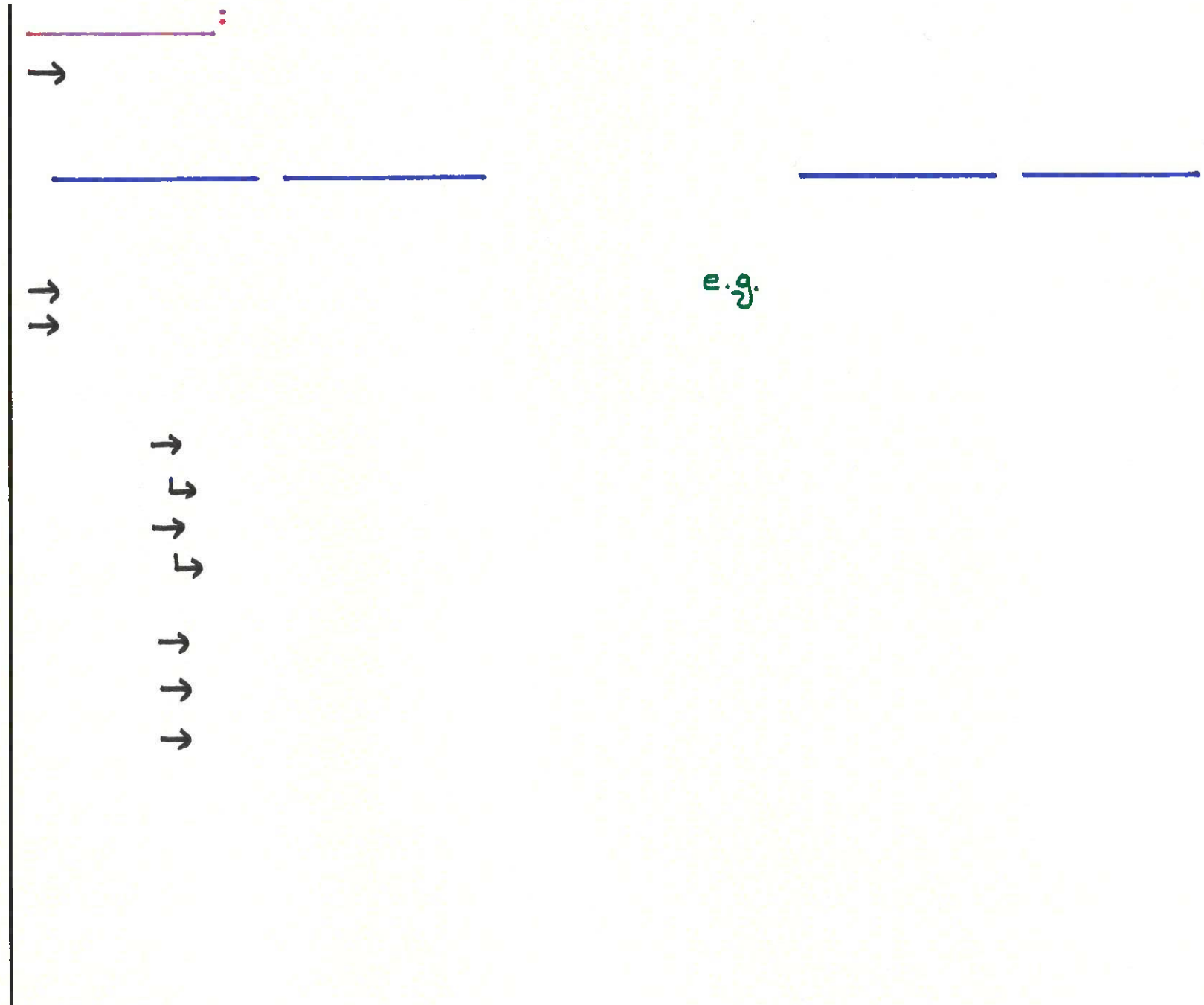
<u>Predictions</u>	<u>Equation</u>
→	+ =
↳	+ =
<u>Assumptions</u>	→
→	+ + =
→	
→	
→	
→	<u>Question</u> 51% Unbanded bb = banded
→	



Speciation

Speciation

- 1
- 2
- 3
- 4
- 5





Classification

Biological Species
Concept

Bionomial Naming System

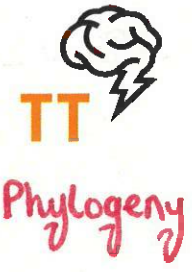
Taxonomy



Phylogeny

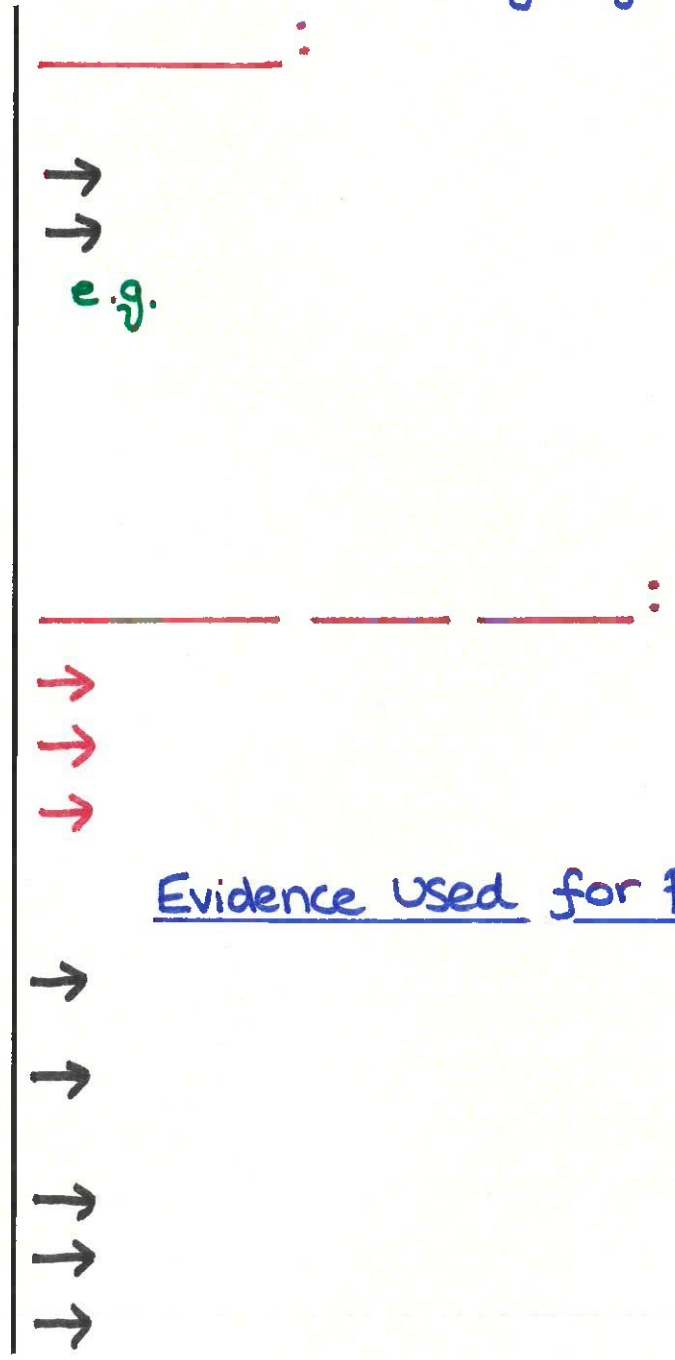


Domains



Phylogeny

- 1
- 2
- 3
- 4
- 5



Phylogenetic
Species
Concept

Evidence Used for Phylogeny