Pre AP Biology

Evolution of Populations (7.2)

Part 1

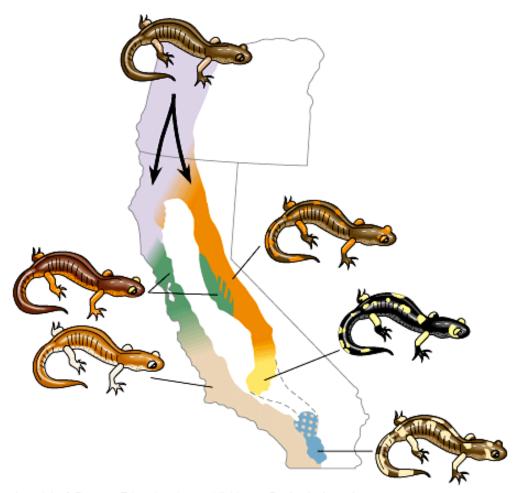
Population



Species Male and Female Blue Footed Boobies

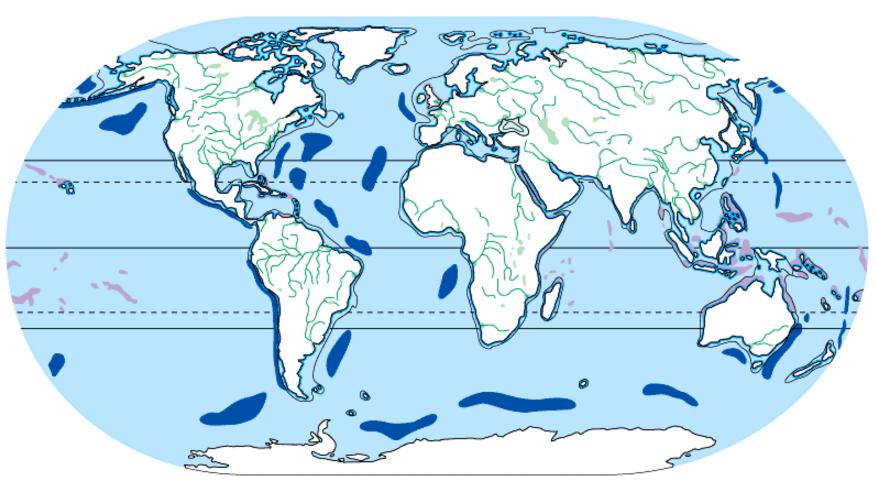


Geographic Range of west coast salamanders



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Geographic Range of Humans



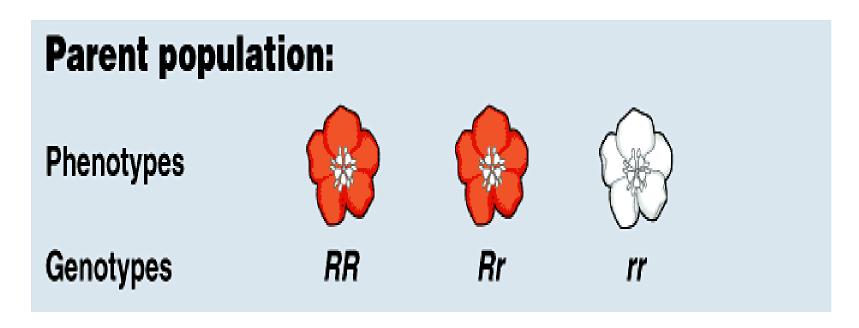
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Pre AP Biology

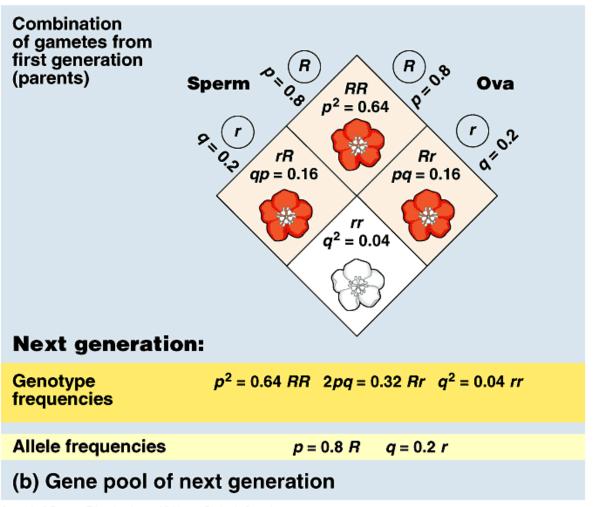
Evolution of Populations (7.2)

Part 2

Hardy – Weinberg Theorem Equation 1



Hardy – Weinberg Theorem Equation 2



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Pre AP Biology

Evolution of Populations (7.2)

Part 3

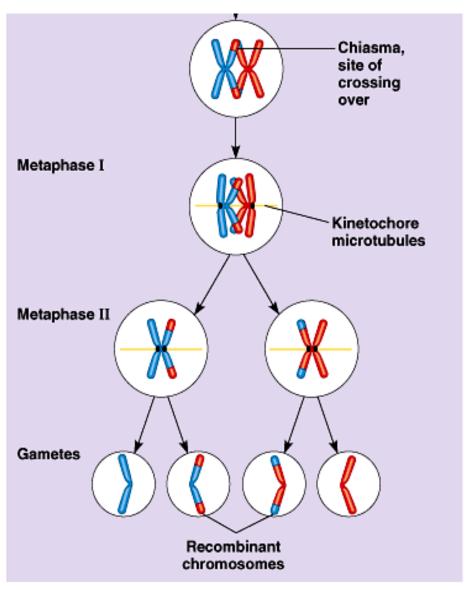
Variation Exists



Variation Exists



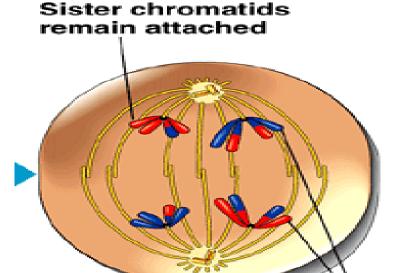
Variation in Crossover



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Variation in Anaphase I

ANAPHASE I



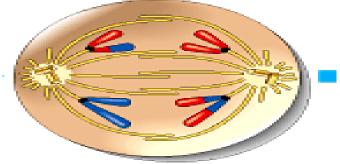
Pairs of homologous chromosomes split up

chromosomes separate

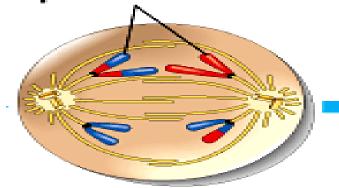
Homologous

Variation in Anaphase II

ANAPHASE II

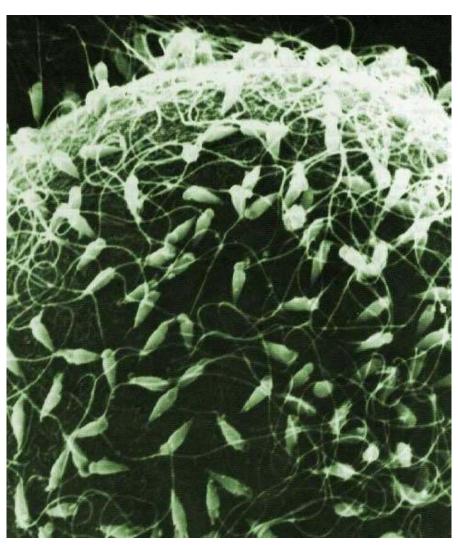


Sister chromatids separate



ion, the sister ch ells result, conta

Variation in Egg and sperm (Which sperm will it be?)

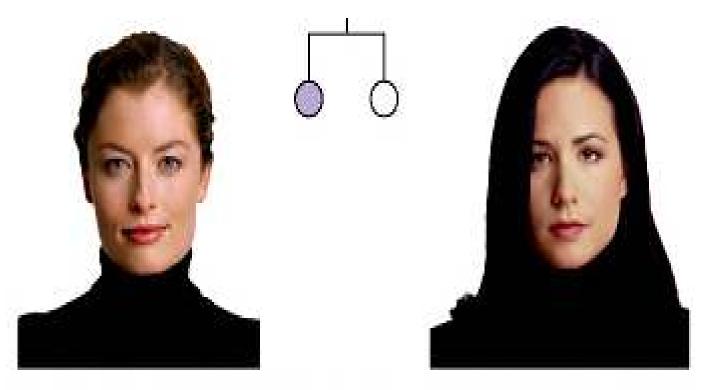


Pre AP Biology

Evolution of Populations (7.2)

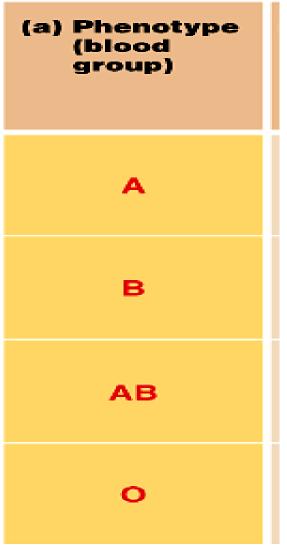
Part 4

Phenotypic Polymorphisms Witches Peak (forehead)



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Phenotypic Polymorphisms Blood Types



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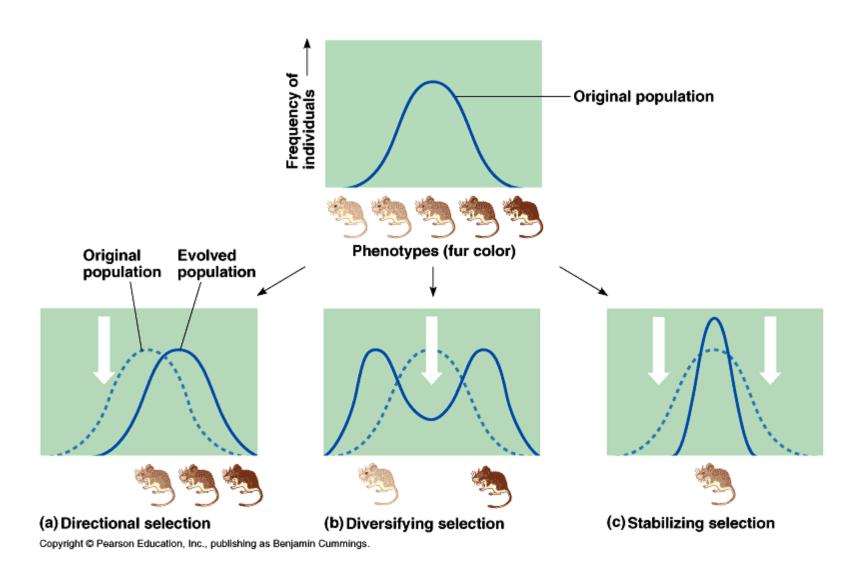
Genotypic Polymorphisms Skin Coloration



Albinoism



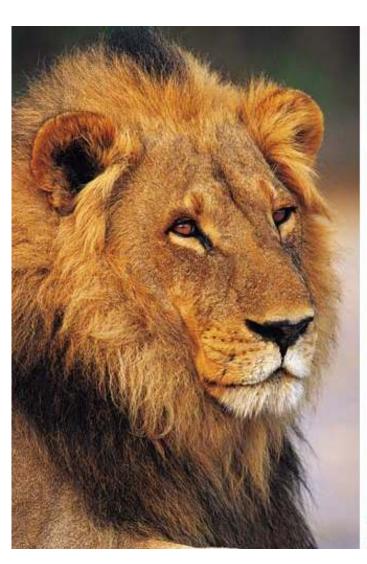
Evolutionary Flow Modes



Neutral Variation



Sexual Dimorphism





Intrasexual competition



Intersexual competition

