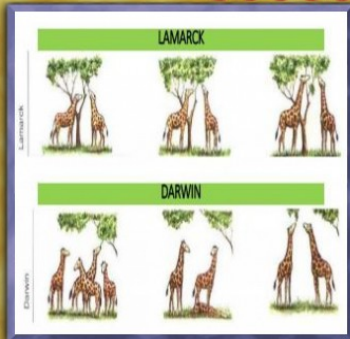


BIOL 1110- 19.1.1



[CH.19]
Darwin proposed Natural Selection- change over time
Lamarck proposed Inheritance of Acquired Characteristics- change in one's lifetime

ATK / 1900 DEF / 1700

54229452

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BIOL 1110- 19.1.2



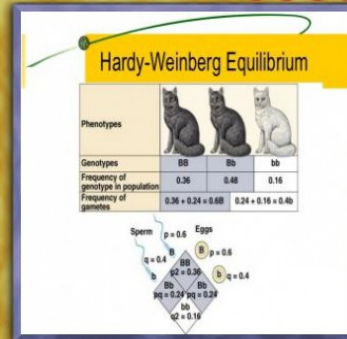
[CH.19]
Population Genetics- The study of gene properties in a population
Polymorphism- Is the presence of more than one variation in a population

ATK / 1800 DEF / 1600

55293283

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BIOL 1110- 19.2.1-2



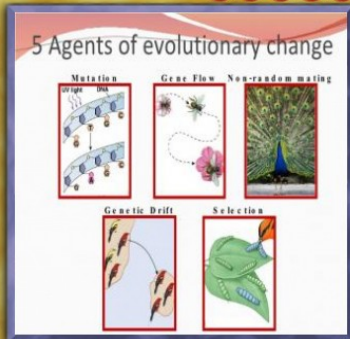
[CH.19]
 $p^2 + 2pq + q^2 = 1$
1. No Mutation 2. No Immigration or Emigration
3. Random Mating 4. Pop. size is large 5. No Selection

ATK / 1700 DEF / 1500

46480105

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BIOL 1110- 19.3



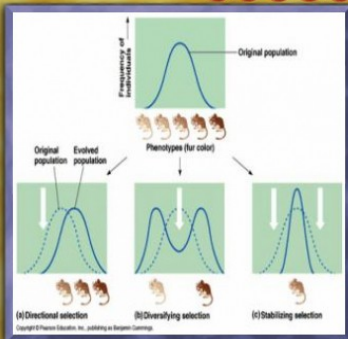
[CH.19]

ATK / 1600 DEF / 1750

73689795

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BIOL 1110- 19.4



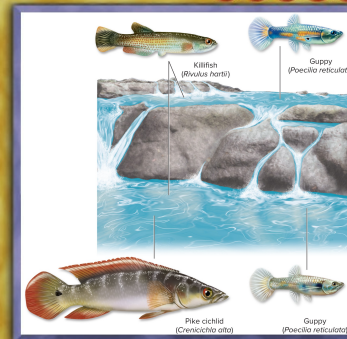
[CH.19]

ATK / 1800 DEF / 1900

64712384

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BIOL 1110- 19.5



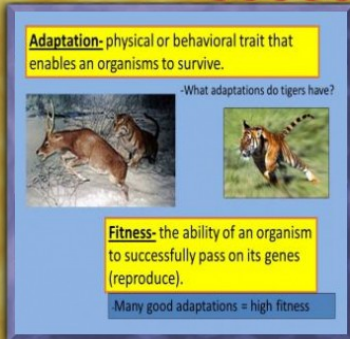
[CH.19]

ATK / 1700 DEF / 1500

64042892

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BIOL 1110- 19.6



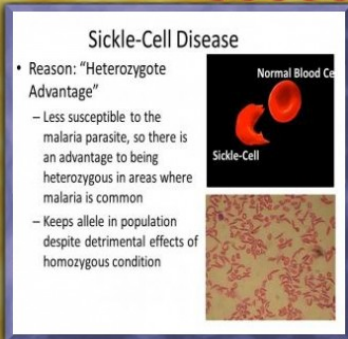
[CH.19]

ATK / 1500 DEF / 1300

17648900

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BIOL 1110- 19.7



[CH.19]
Oscillating Selection- Is where a phenotype is favored at one time and another at another time (wet and dry conditions, cold and hot)

ATK / 1900 DEF / 1400

57600297

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