

BIOLOGY

easy to understand

Population dynamics

Population dynamics
Introduction

Understanding Population Dynamics
Population dynamics is the study of how and why the number of individuals in a population changes over time. It involves understanding the factors that influence birth rates, death rates, and migration.

Birth Rates and Death Rates
Birth rates and death rates are key factors in population dynamics. Birth rates refer to the number of new individuals added to a population, while death rates refer to the number of individuals that die.

Population Growth
Population growth occurs when the birth rate is higher than the death rate. This can lead to an increase in the size of a population over time.

Population Decline
Population decline occurs when the death rate is higher than the birth rate. This can lead to a decrease in the size of a population over time.

Population Stability
Population stability occurs when the birth rate and death rate are equal. This results in a population that remains the same size over time.

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