**Plant Life Histories**

**Trade-offs**

Optimal Seed Size

**Life History**

**Components of Fitness**

Maturity

Parity

Fecundity

Aging

**Extremes of Life History**

Semelparity

Iteroparity

**Life History Strategies**

Annual

Biennial

Perennial

Semelparous

**Fast vs. Slow Development**

**Life History Asssumptions**

**Maximal vs. Optimal Fecundity**

**r vs. K Selection**

K-Selection and Traits

r-Selection and Traits

**Grime Selection Scheme**

Stress Tolerators

Ruderals

Competitors

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**r-K Selection vs. r-c-s Selection**

**Masting**