|  |  |
| --- | --- |
| **R-SELECTED SPECIES*****The Opportunists***Generally Speaking:+ Have adaptations that permit them to **rapidly increase their numbers.**+ **Below their carrying capacities** for long periods. Specifically, Based on Study:+ Live in **disturbed environments**.+ Ecological **generalists**.+ Have **populations that fluctuate** rapidly in size.+ **Do not compete** well against other species+ Are **widely distributed**.+ Are **slow to respond** to ecological opportunities but live in wide varieties of environments.+ Are **short-lived**.+ Have **many, relatively small young**.+ Have short periods of embryonic development.+ Reach adulthood rapidly+ Small sized adults.+ Invest **little or no parental care** in young.+ **Reproduce once** per lifetime.+ Early successional species. | **K-SELECTED SPECIES*****The Competitors***Generally Speaking:+ Have adaptations that permit them to live in a **state of equilibrium**.+ **Close to carrying capacities** for long periods. Specifically, Based on Study:+ Live in **stable environments**.+ Ecological **specialists**.+ Have **populations stable** in size.+ **Compete** well against other species.+ Are **restricted in distribution** and where they can live.+ **Take rapid advantage** of ecological opportunities but live in specific types of environments.+ Are **long-lived**.+ Have **few, relatively large young**.+ Have long periods of embryonic development.+ Reach adulthood slowly.+ Large sized adults.+ Invest **intensive parental care** in young.+ **Reproduce throughout** lifetime+ Late successional species. |