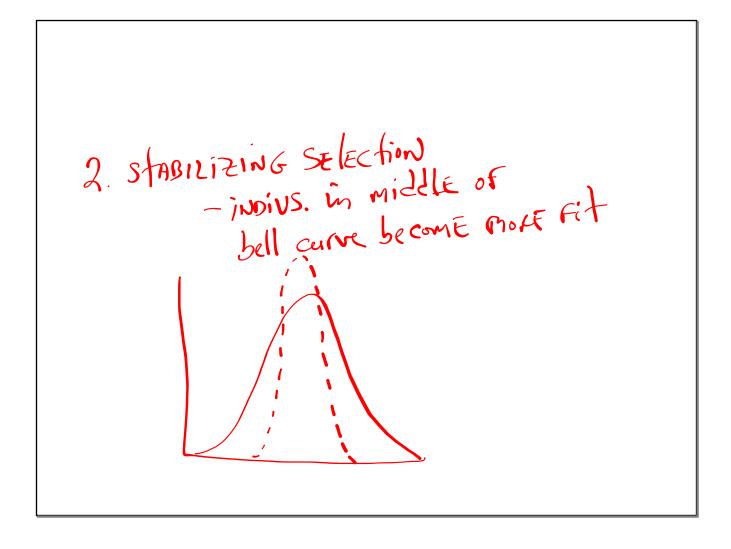
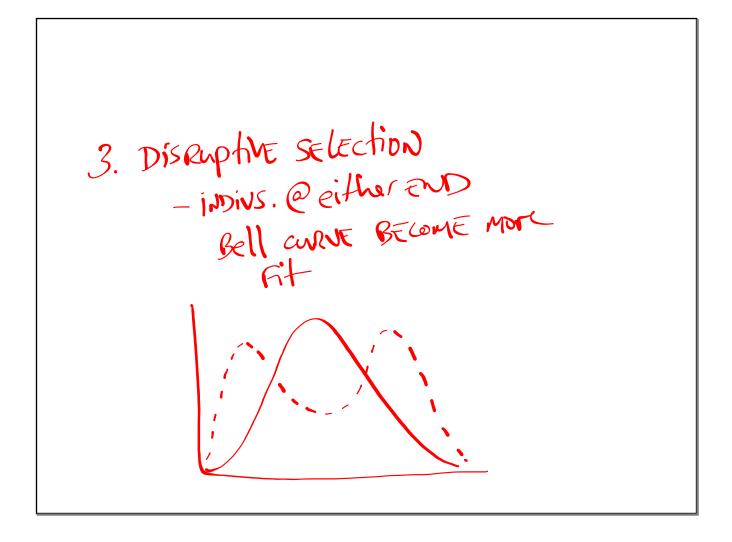
Dawins Therey: 1. Variation exists within spines 2. More indivis. are born than can survive 3. struggle For existence 4. b/c of #1, some indivs are better Suited to surver + reprodure (sinul of the fittes S. over time, populations of org. change - traits of Rithers become More Common 6. New species descend, with Modification, from existing species 7. All organison have descended from a single Continue ancestor

ARTIFICIAL SELECTION - Humans Select desirable TRuits FROM VARIATION in NATURE TO CHANGE SPECIES DARNIN: NATURE does this -

NAF. Selection on polycavic traits 1. DIRECTIONAL SELECTION -indivs. Q ONE END OF Bell Curve becommore fit





Sources of mutations: 1. Radiation or chemicals 2. random errors in DNA replication NAT. SEZ. ACTS ON PHENOTYPES, NOT JENOTYPES

Reproductive isolation - no longer interBREEDING - prerequisite For speciation 1. BEHAVIORAL 2 GEDGRAPHIC 3. TEMpoRAL