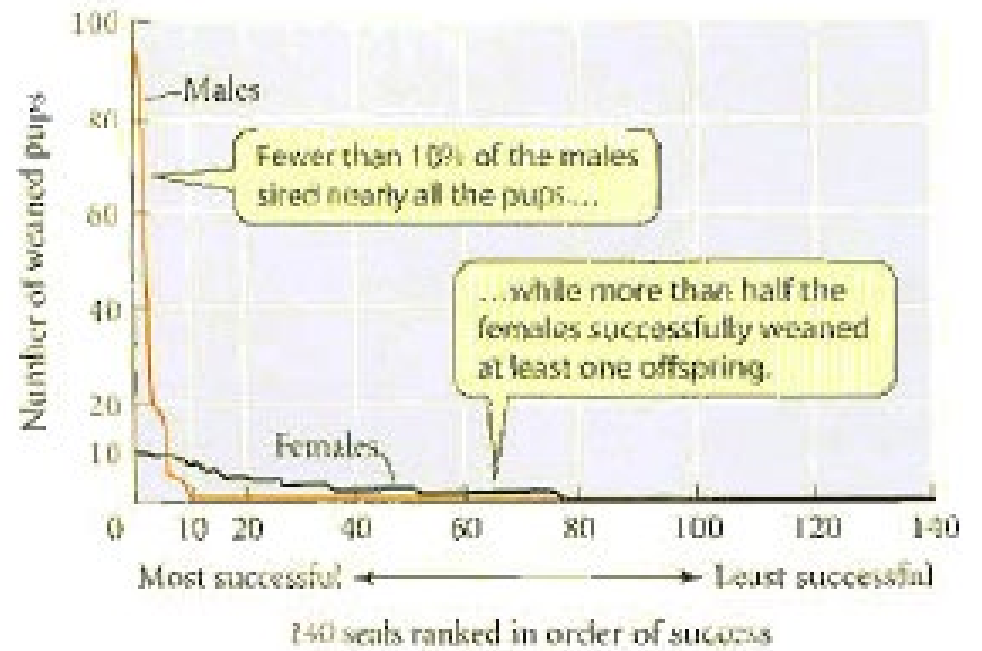
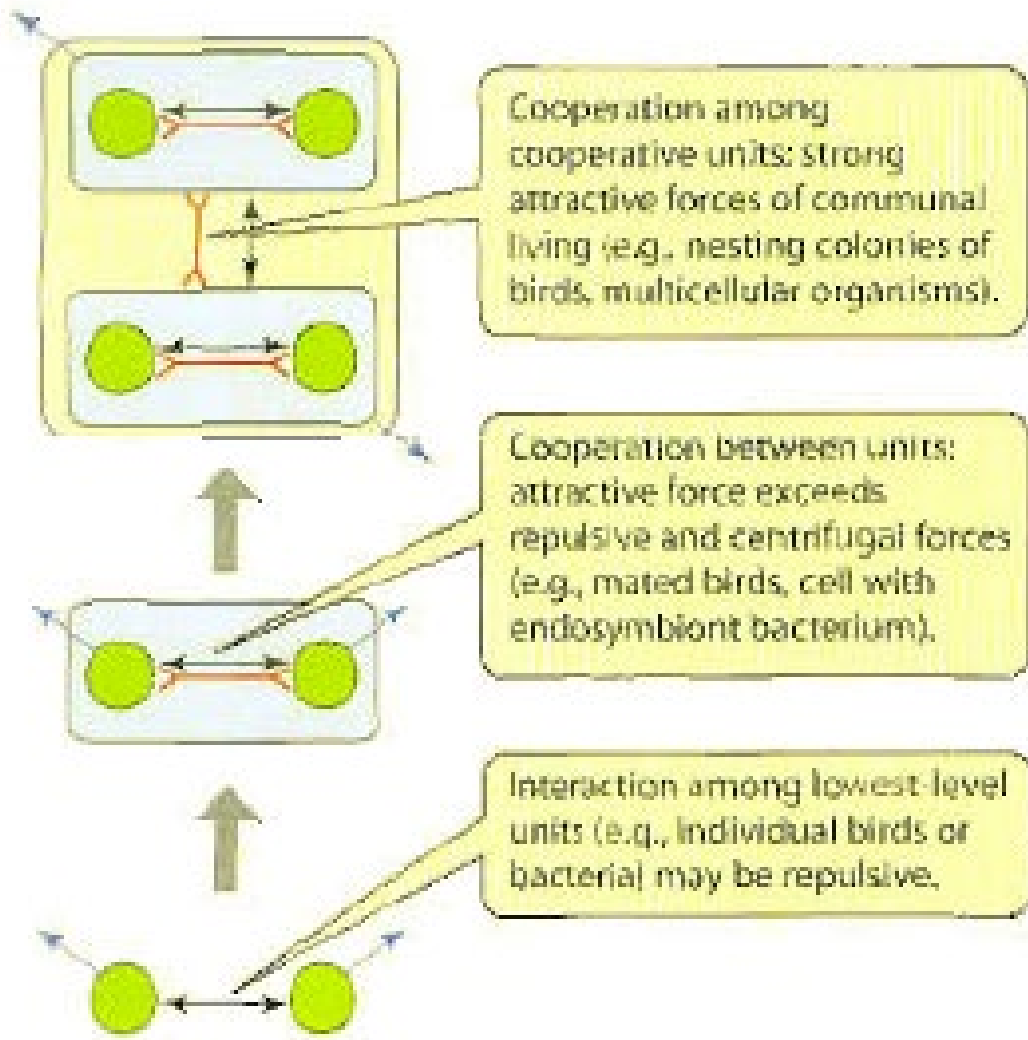
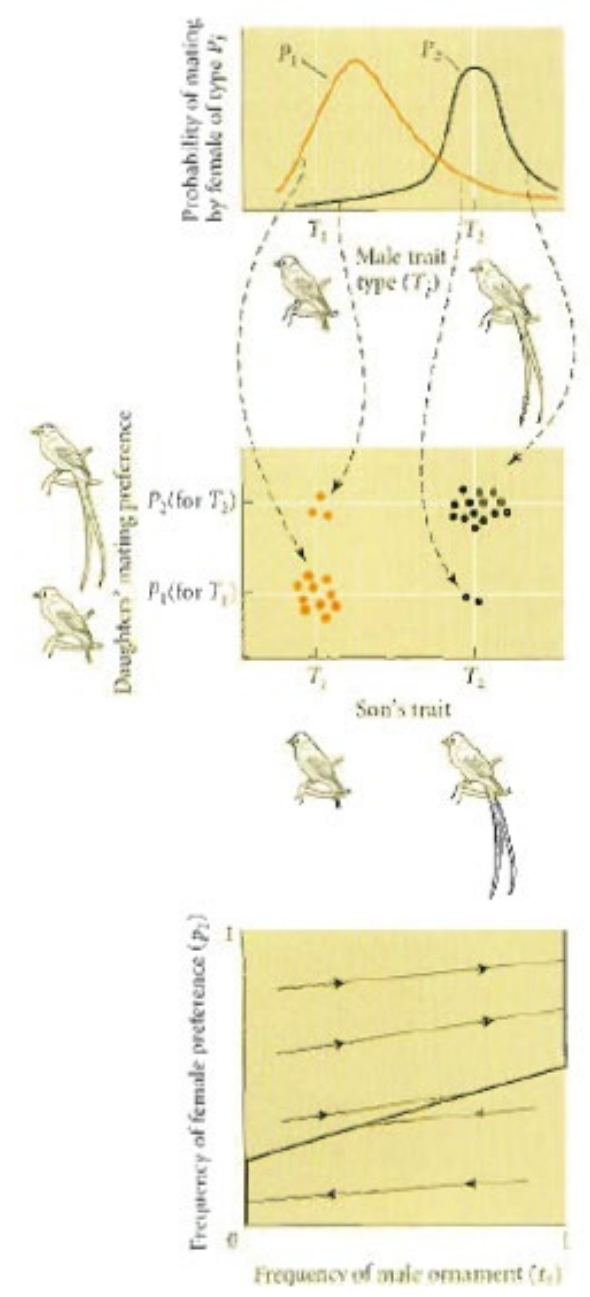
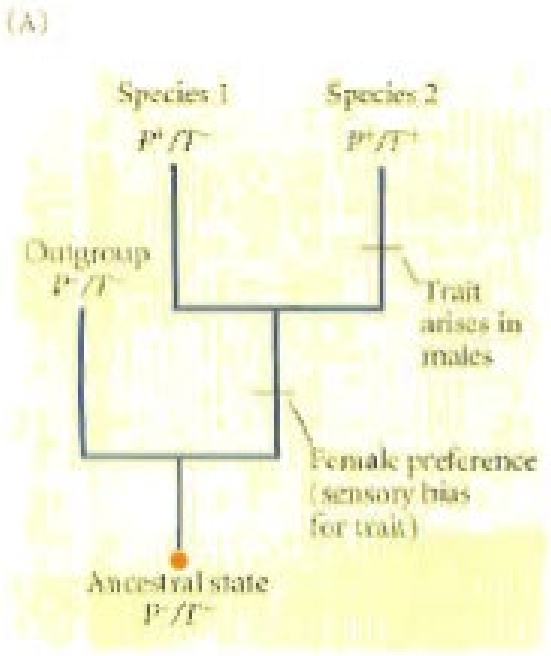


14. atıřma ve iřbirlięi





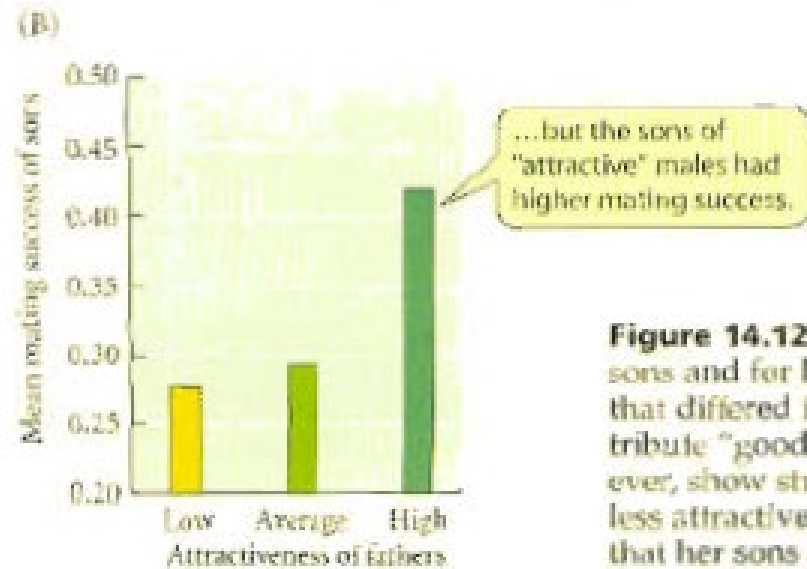
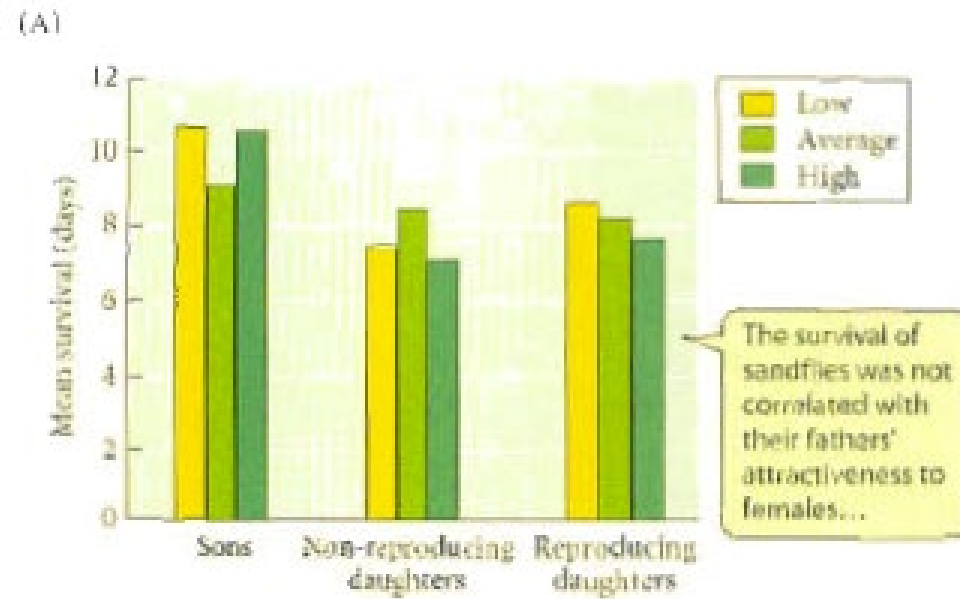
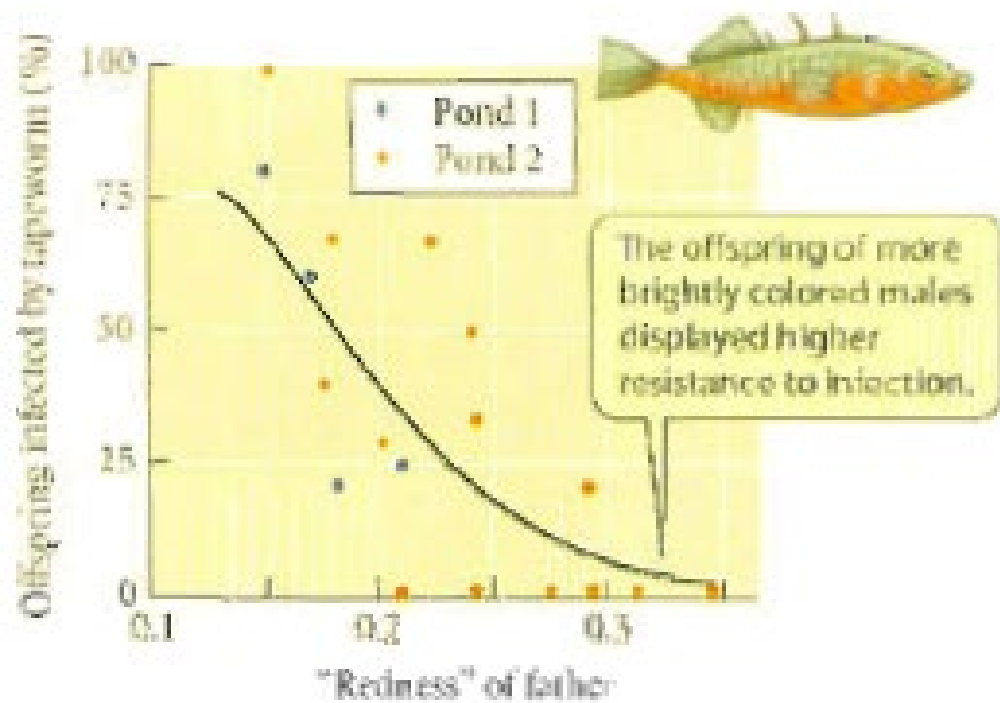
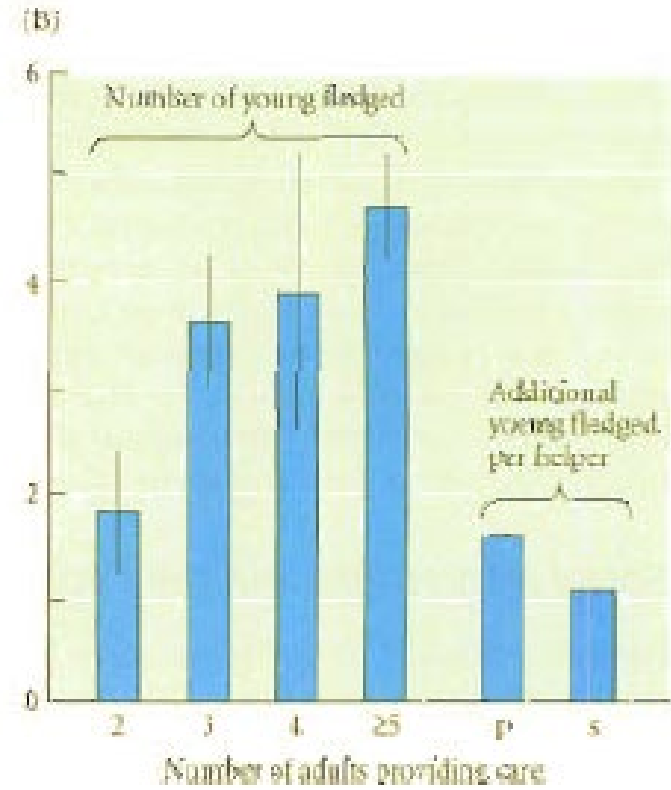
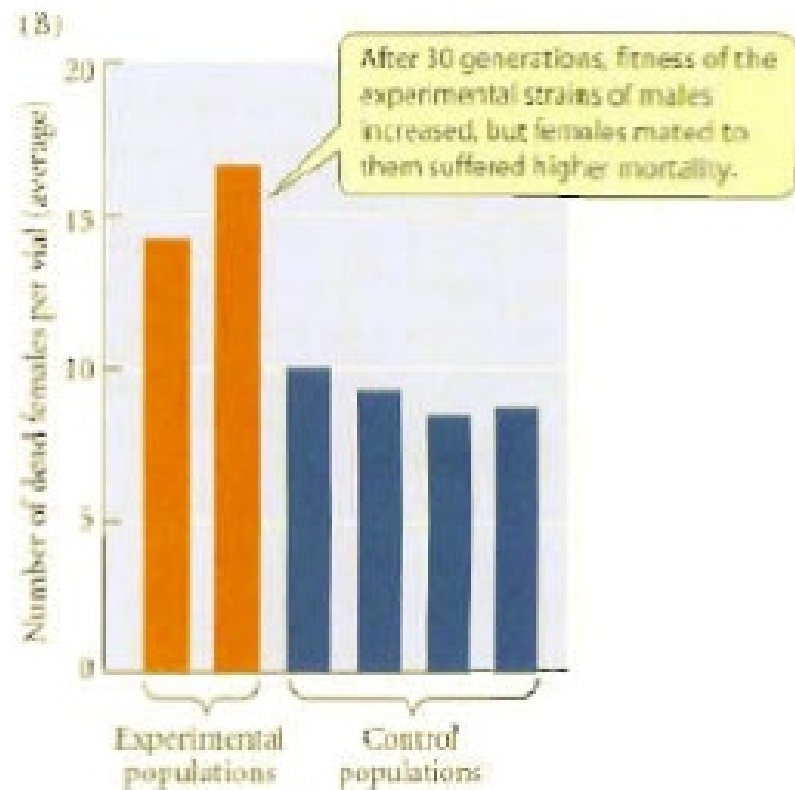
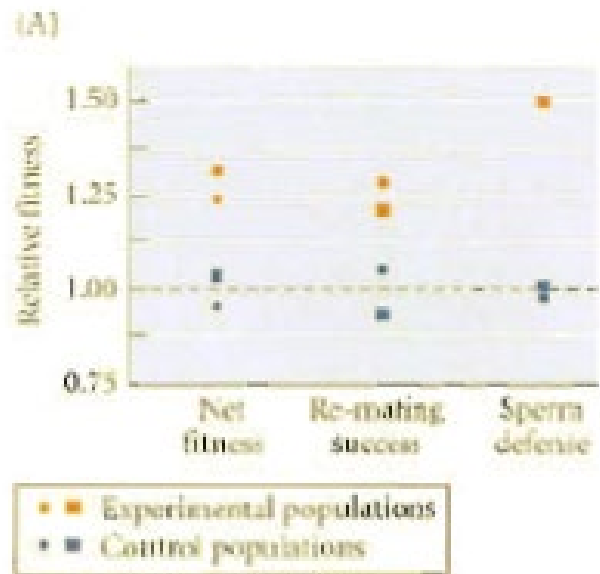
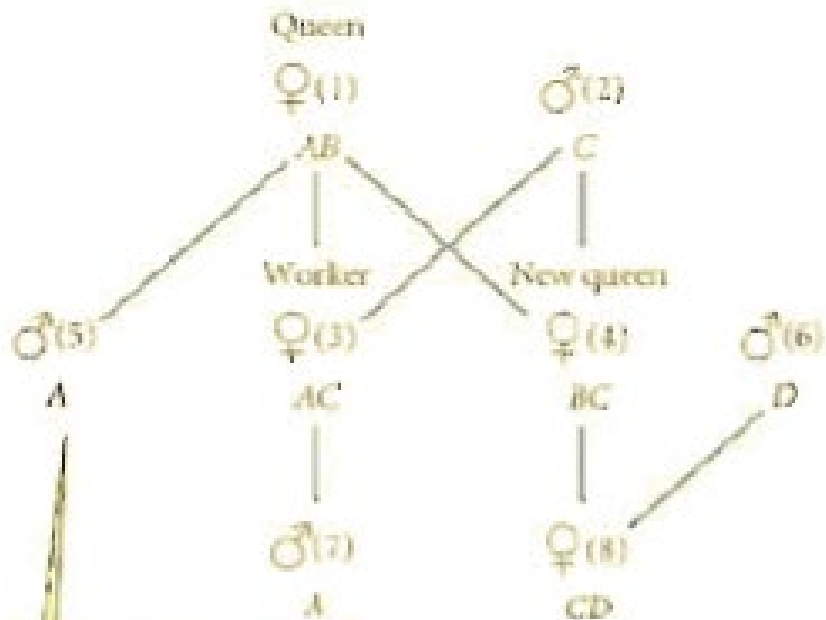


Figure 14.12 Evidence sons and for both the rep that differed in attractive tribute "good genes" to fl ever, show strikingly high less attractive fathers. Th that her sons will enjoy g

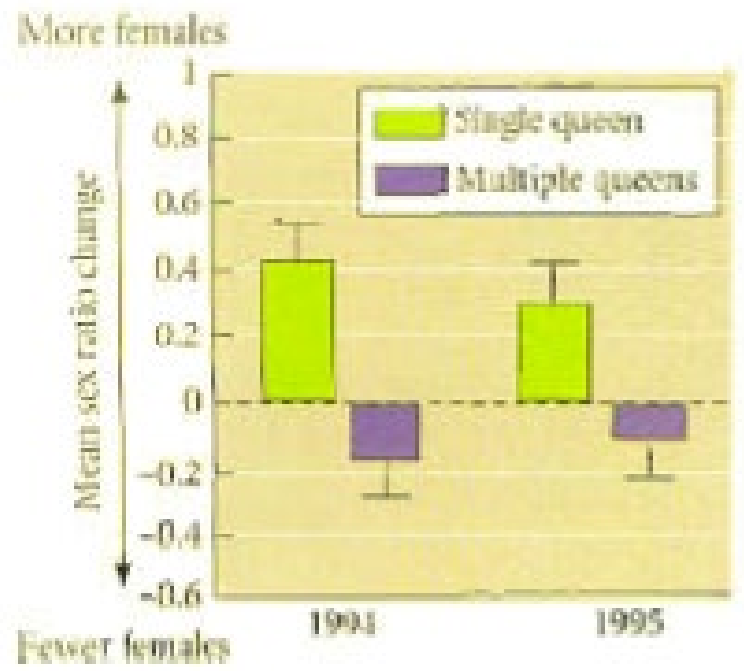


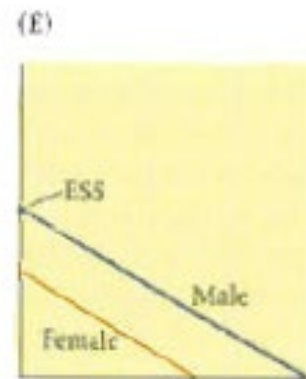
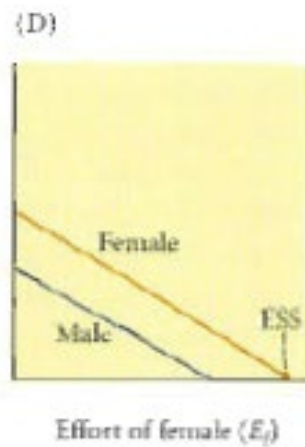
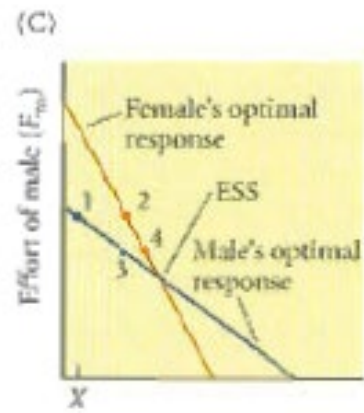
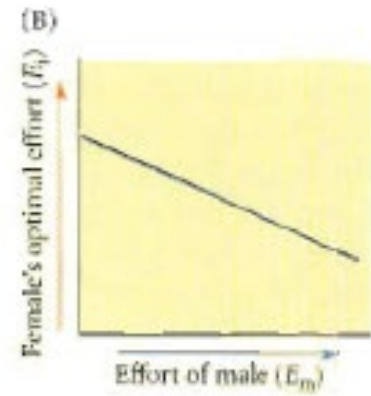
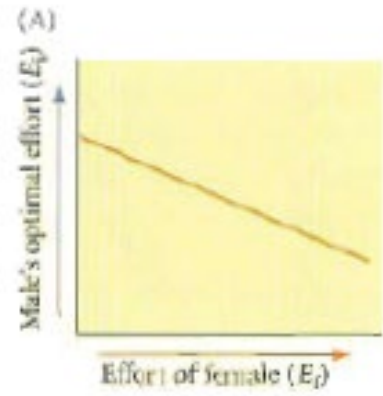


Letters represent alleles A-D. Note that hymenopteran males are haploid.

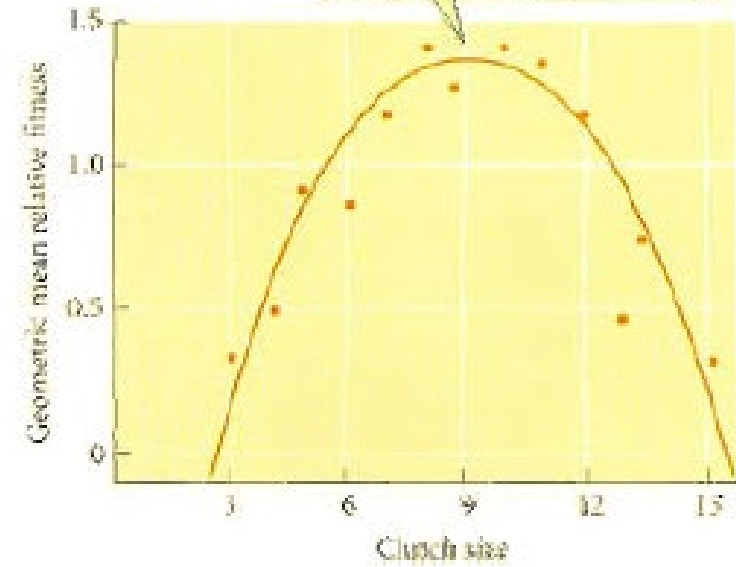
Actor, Recipient	r
Female (1), Daughter (3, 4)	0.5
Female (1 or 3), Son (5 or 7)	0.5
Male (2), Daughter (3, 4)	1.0
Male (2), Mate's son (5)	0.0
Sister (3), Sister (4)	0.75
Sister (3), Brother (5)	0.25
Female (3), Niece (8)	0.375
Female (4), Nephew (7)	0.375

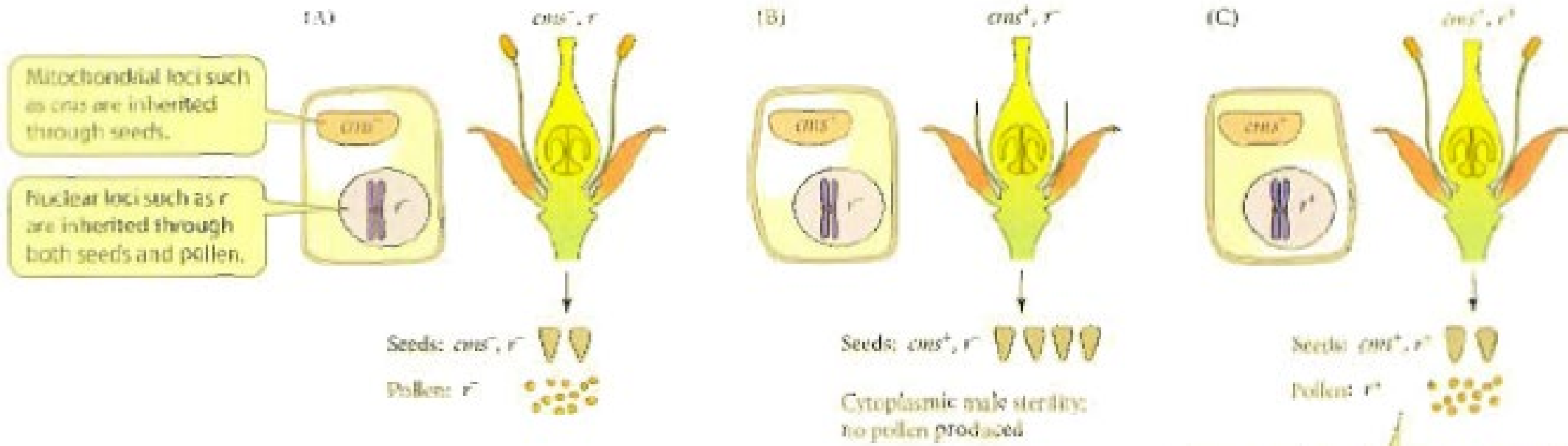
The coefficient of relationship (r) between actor and the recipient of the action is the average proportion of the actor's genes that are present and identical by descent in the recipient.



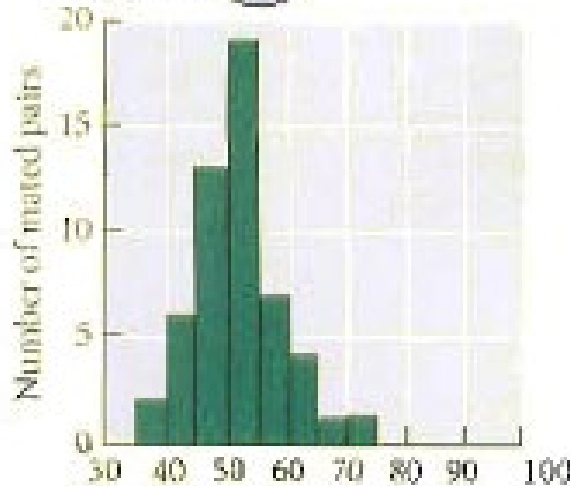
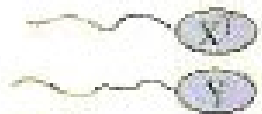
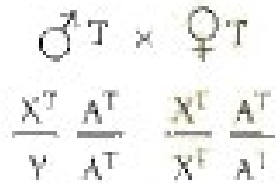


Above the optimal clutch size of ~8.5 eggs, competition among nestlings reduces the number of surviving offspring.

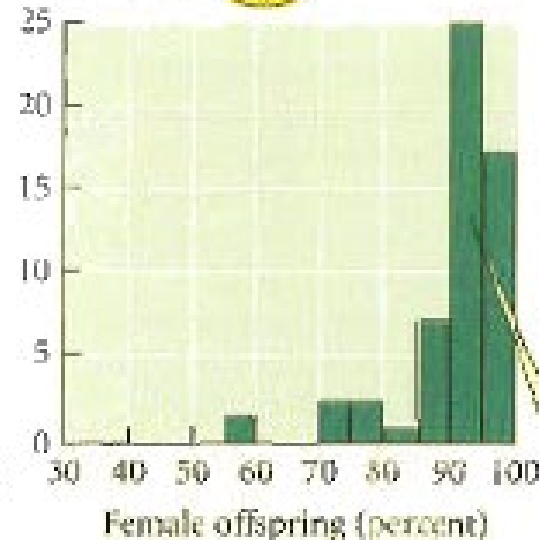
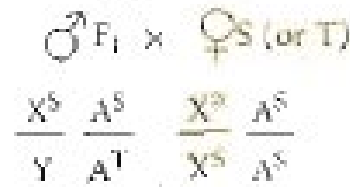
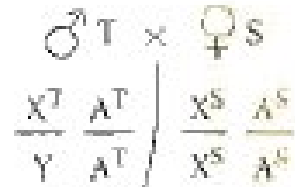




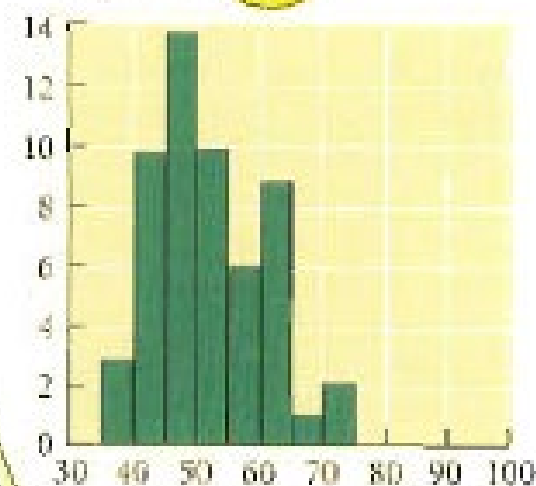
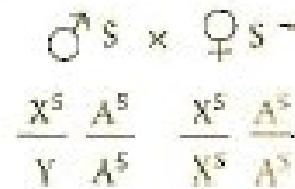
Within-population
(Tunisian Standard)



Between-population cross

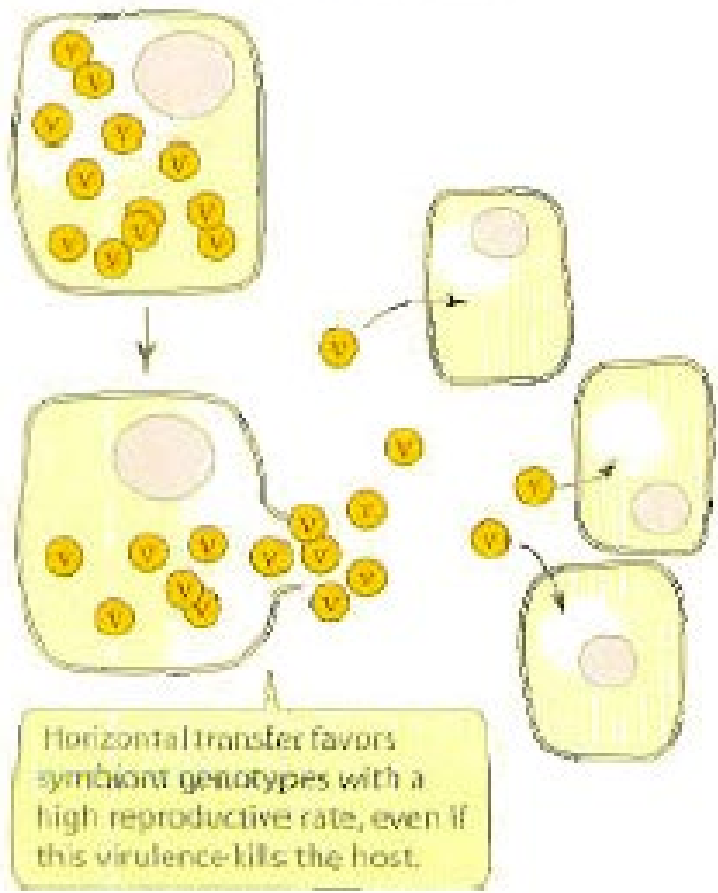


Within-population
(Seychelles,
segregation-distorter
gene on X chromosome)

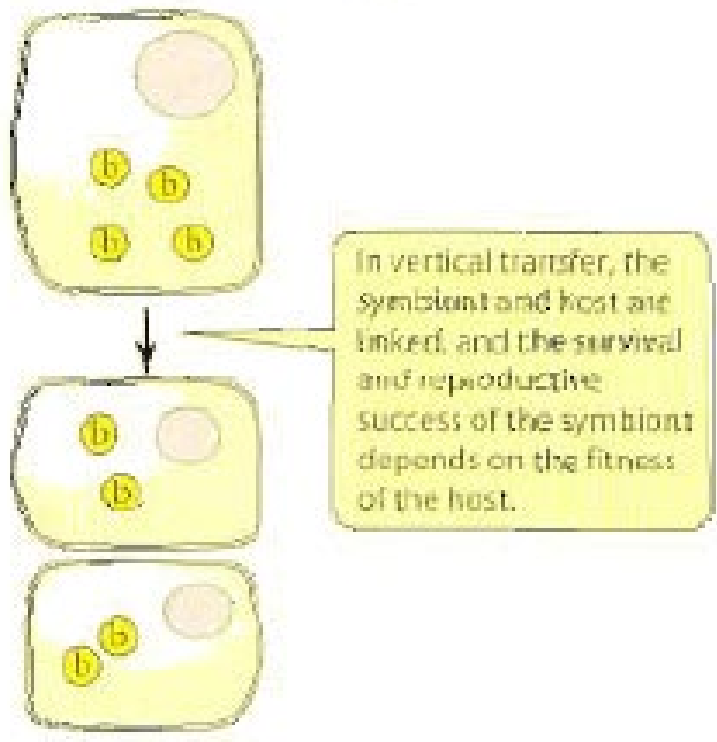


Recessive autosomal genes within the Seychelles population suppress the effects of the *segregation-distorter* mutation.

(A) Horizontal (lateral) transfer; virulent



(B) Vertical transfer; benign



(C)

