

WILL DEF BE A NOT QUESTION ON EXAM! WILL GIVE 4 OF THESE CONDITIONS, THEN AN UNTRUE 5TH THING!

CONDITIONS: by selectively removing large males, what happened to...

1. age at first reproduction?
2. age of metamorphosis from female to male reproductive form (sex switching)?

LIGHT FISHING: no observable change in (1) or (2) over time

MODERATE FISHING: no change in (1), but age of metamorphosis (2) decreases (i.e., occurs at a younger age)

HEAVY FISHING: (1) & (2) both decrease (i.e., occur at an earlier age)

Frequency-dependent selection with promiscuous mating.

will produce more offspring of less prevalent gender b/c these offspring will thus have a greater chance of reproductive success

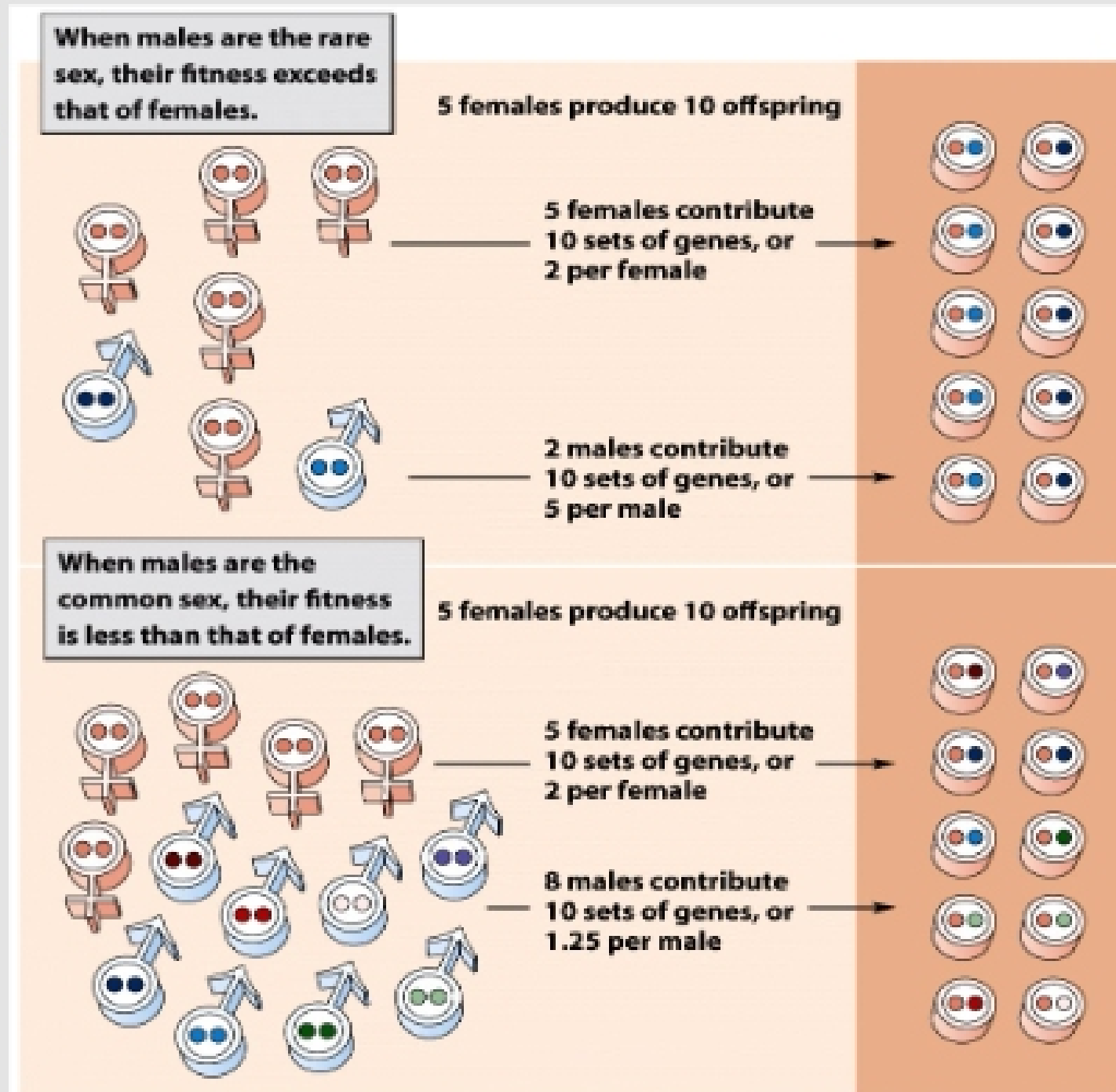


Figure 8.14
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Figure 8.16
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