Linkage = 0.0 (no linkage) Linkage = 1.0 (complete linkage) Co-Dominant Dominant DMF No Dikaryon Male Function Recessive **Dominant** Co-Dominant Recessive No Dikaryon DMF DMF DMF DMF Male Function **DMF** 0.75 0.50 0.25 Nncjens 0.75 0.50 0.25 0.50 0.00 Nacional Naciona Naciona Naciona Nacion

Starting Proportion of — 0.10 ···· 0.30 ··· 0.50 ··· 0.70 ··· 0.90 non-DMF Alleles

Ö

Generation

250

500

750

250

0

500

750

250 500 750

250

500

750

**DMF Allele** 

Specialists % Mating

 $\sim$ 

Nucleus Fred.

Specialists % Mating

90000

60000

30000

500

750

**DMF Alelle** 

Starting Proportion of **—** 0.10 --- 0.30 --- 0.50 -- 0.70 ··· 0.90 non-DMF Alleles

Generation

0 250 500 750

250 500 750

0