

Quantitative Genetik, Polygene Vererbung

Thema 6

genetisch identische Hortensien (*Hydrangea macrophylla*)

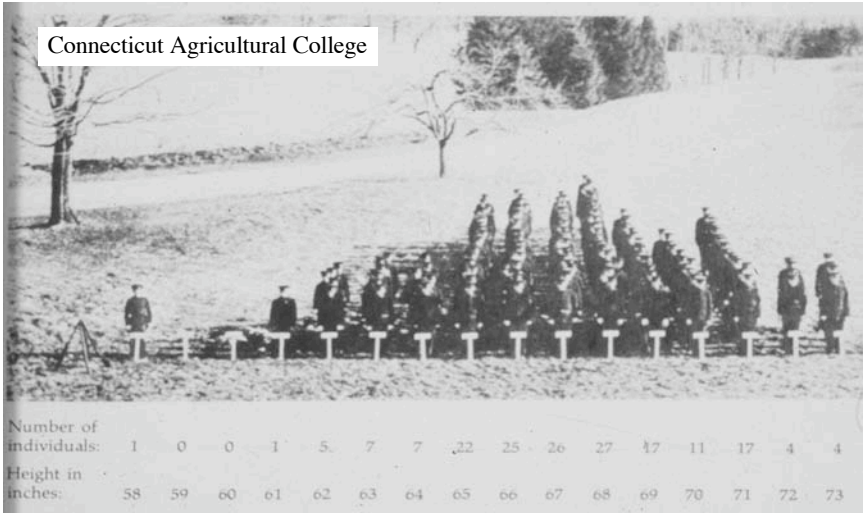


basischer Boden

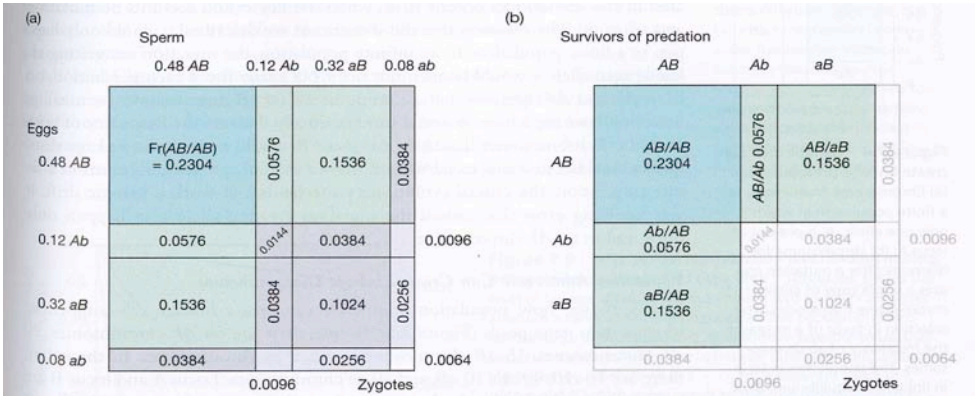


saurer Boden

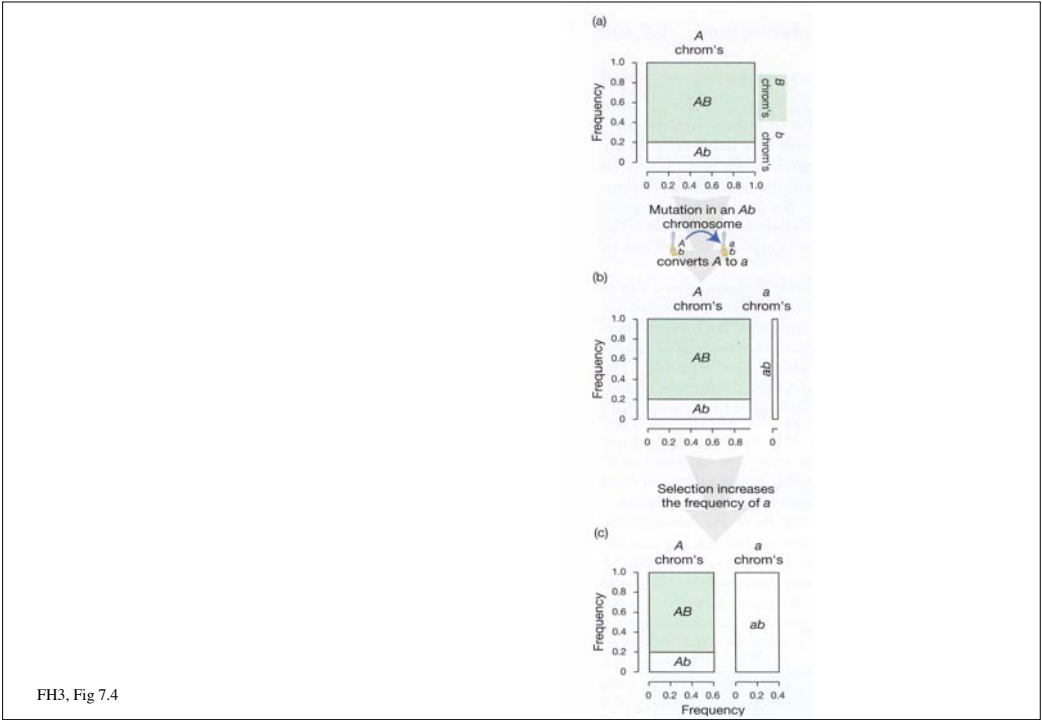
Campbell 5, Fig.14.13



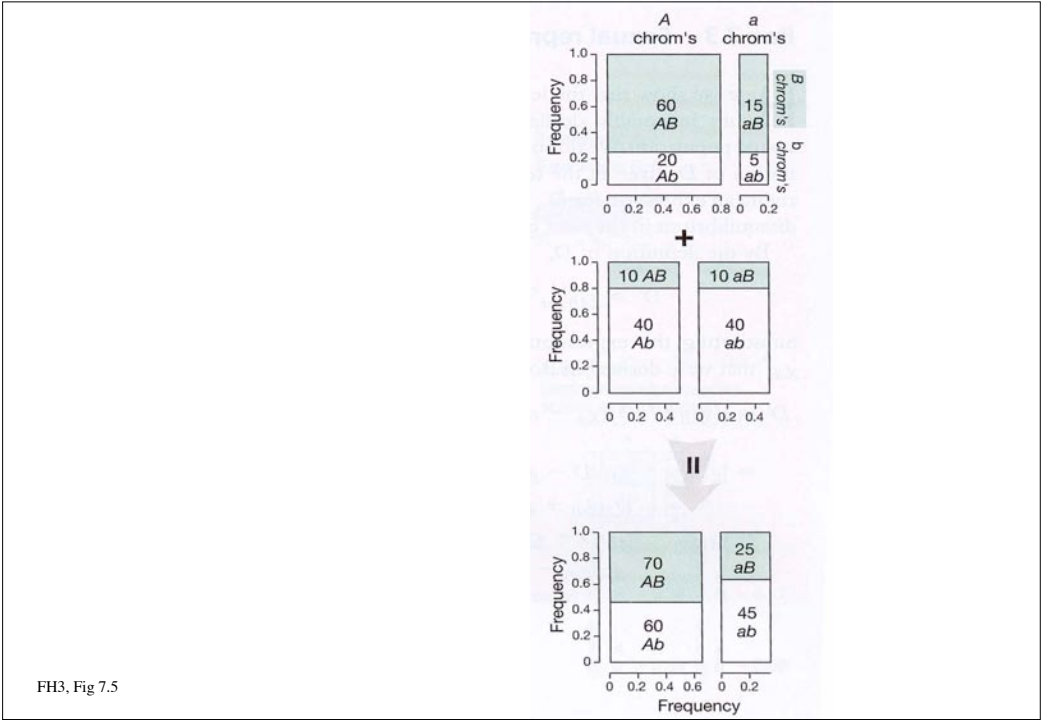
Connecticut Agricultural College (J. Hered., 1914)



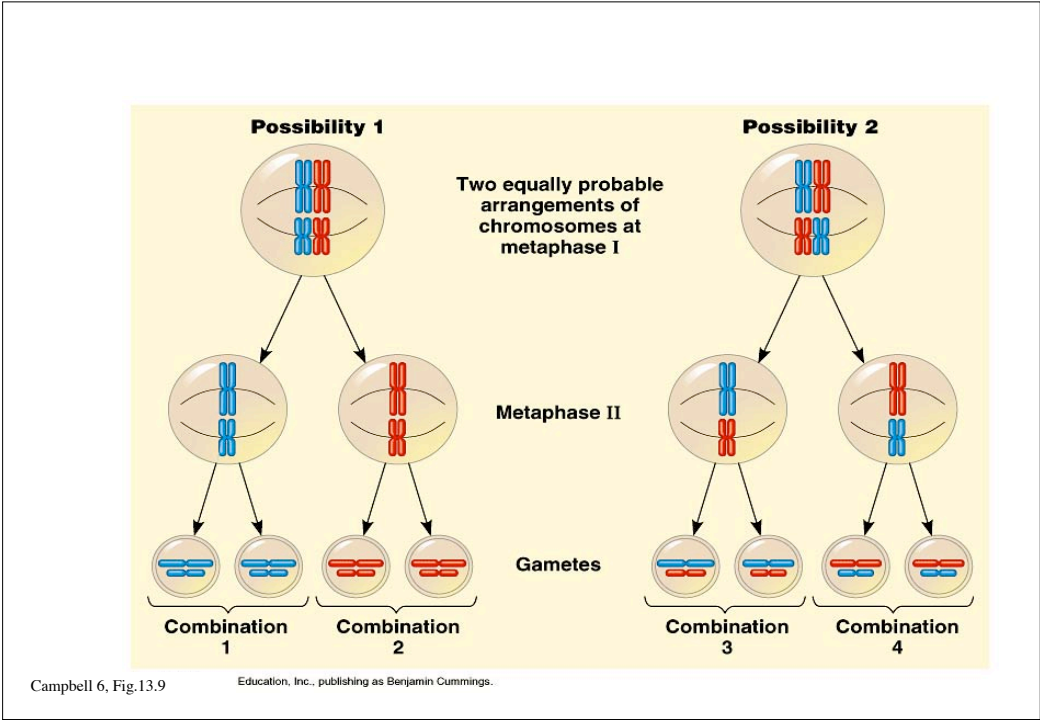
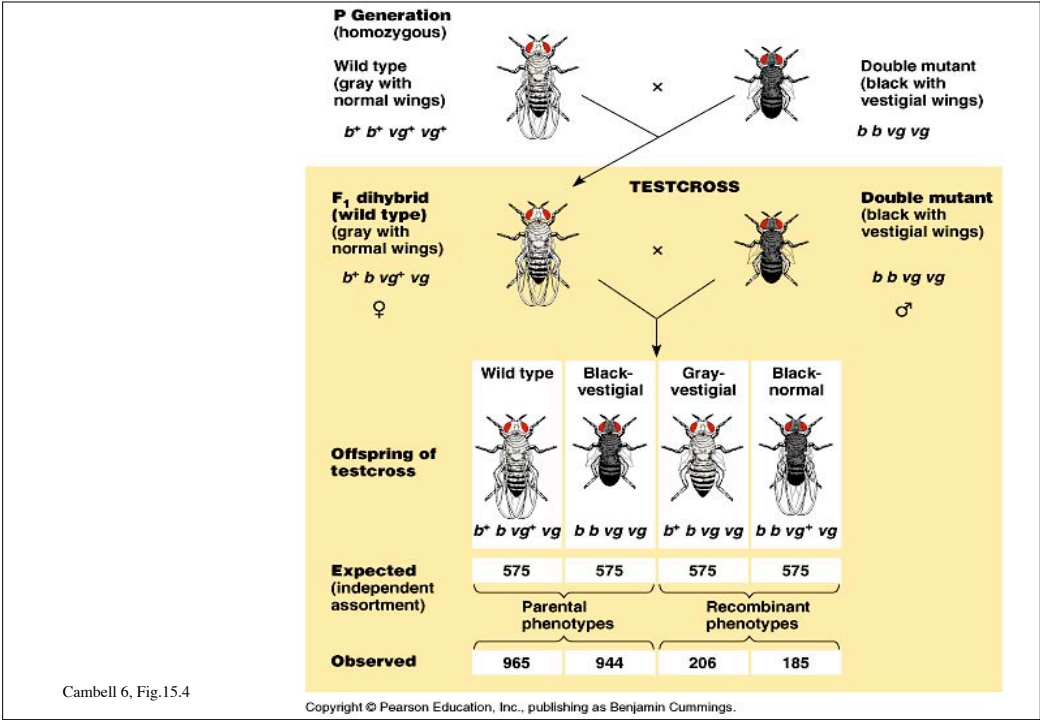
FH3, Fig 7.3

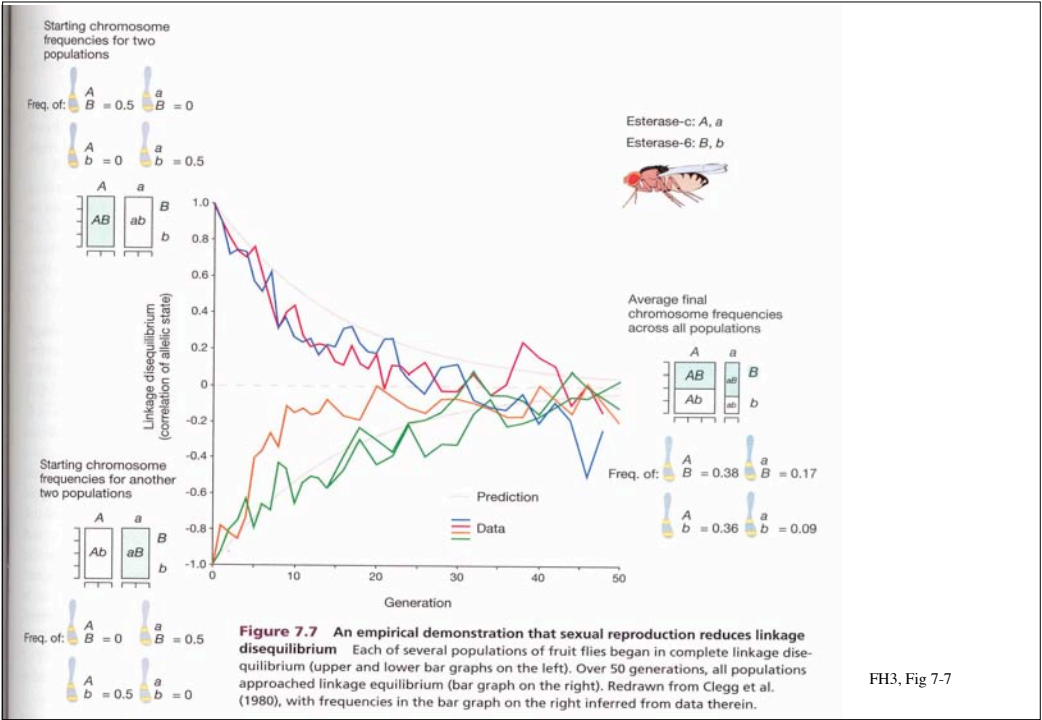


FH3, Fig 7.4



FH3, Fig 7.5





FH3, Fig 7-7

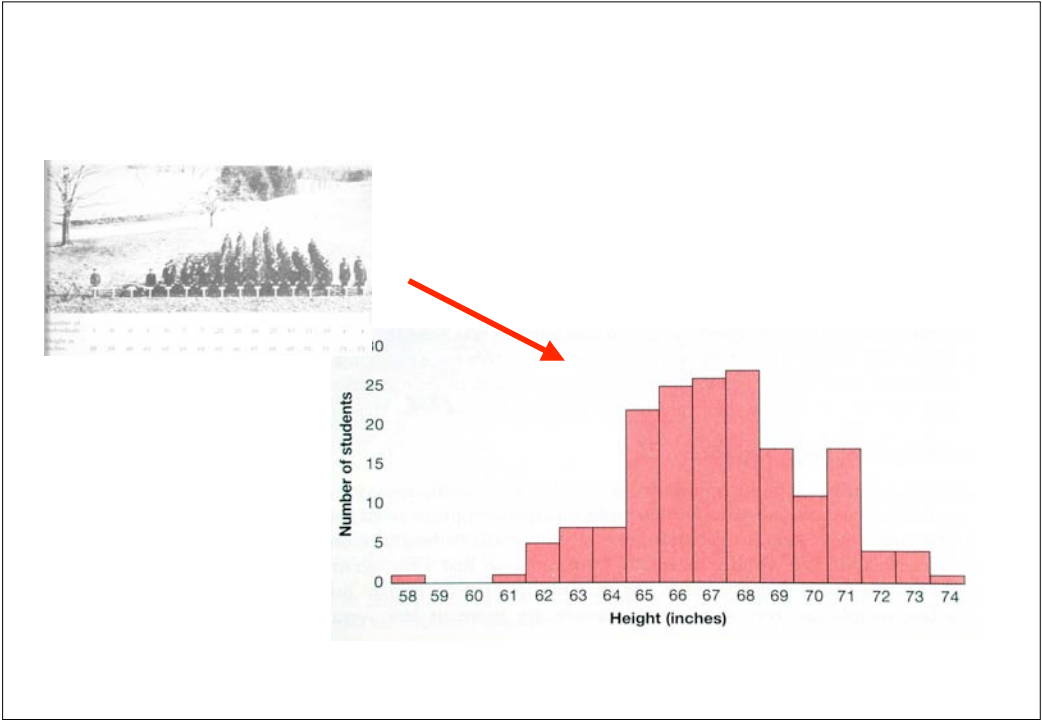
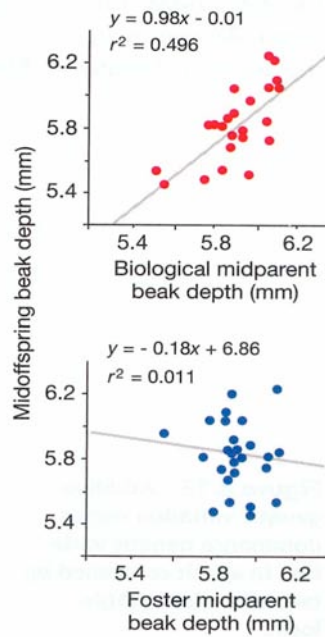
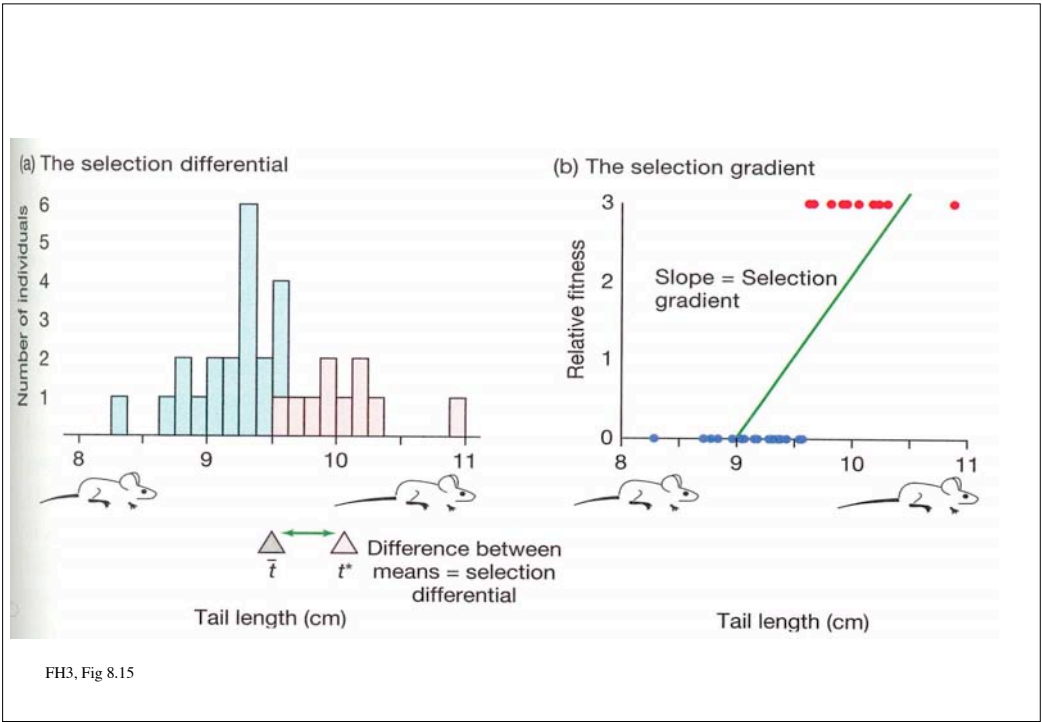
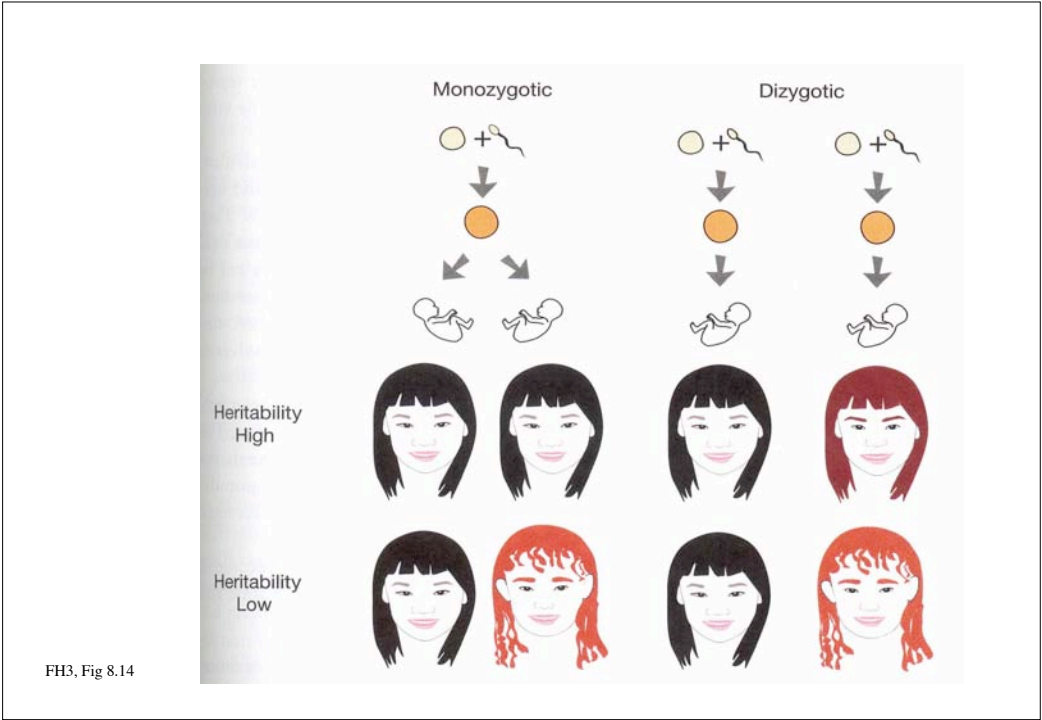


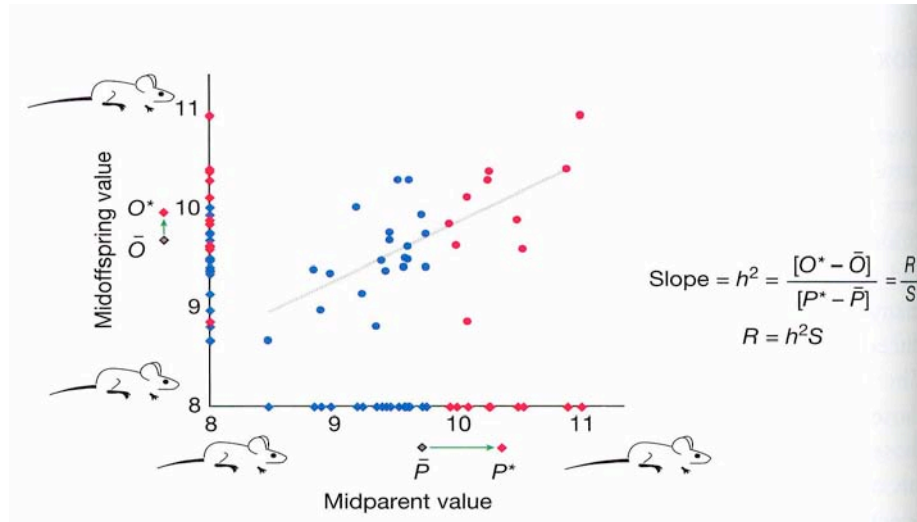
Table 6.4
Examples of heritability for traits in various organisms
(estimated by various methods).

Trait	Heritability
Amount of white spotting in Frisian cattle	0.95
Slaughter weight in cattle	0.85
Plant height in corn	0.70
Root length in radishes	0.65
Egg weight in poultry	0.60
Thickness of back fat in pigs	0.55
Fleece weight in sheep	0.40
Ovarian response to gonadotropic hormone in rats	0.35
Milk production in cattle	0.30
Yield in corn	0.25
Egg production in poultry	0.20
Egg production in <i>Drosophila</i>	0.20
Ear length in corn	0.17
Litter size in mice	0.15
Conception rate in cattle	0.05



FH3, Fig 8.12





FH3, Fig 8.18

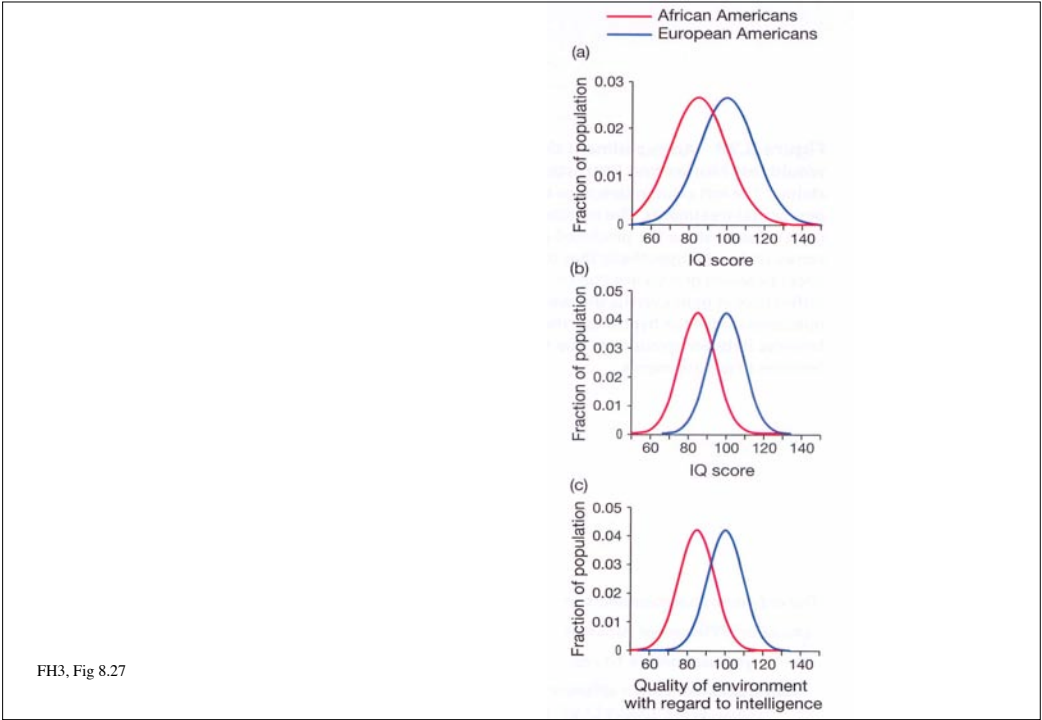


Polemonium viscosum

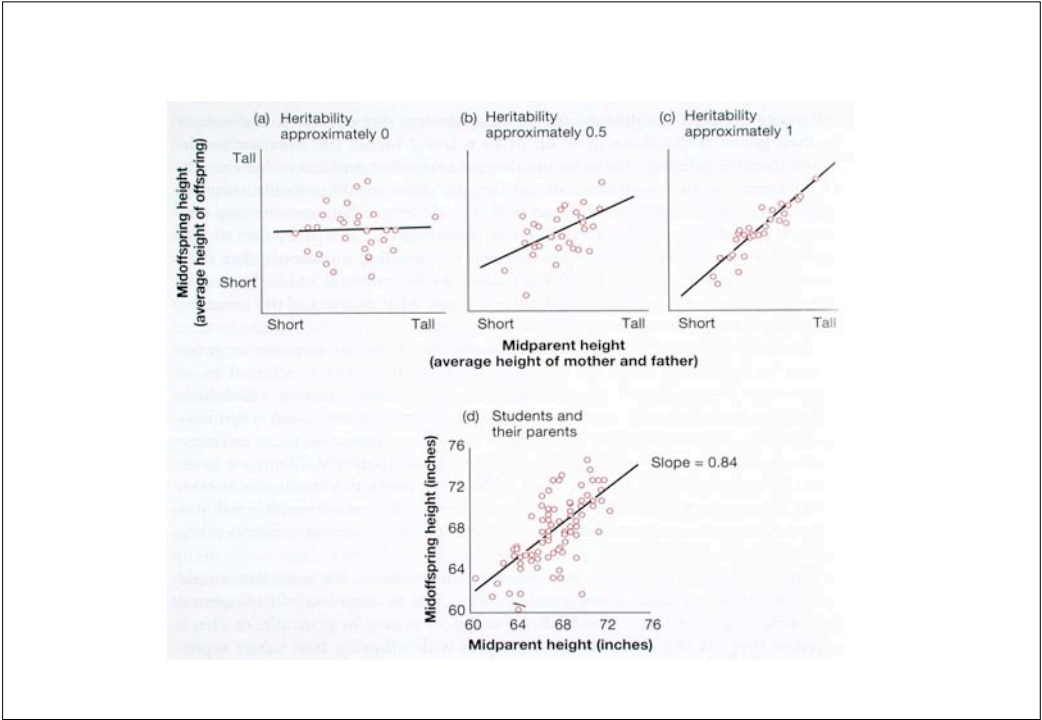


Bombus sp.

FH3, Fig 8.19



FH3, Fig 8.27



Sir Ronald A. Fisher

