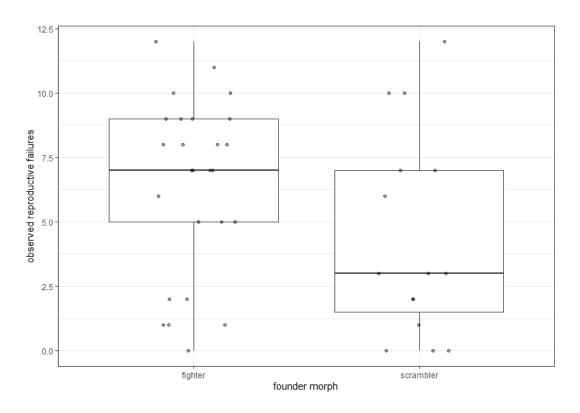
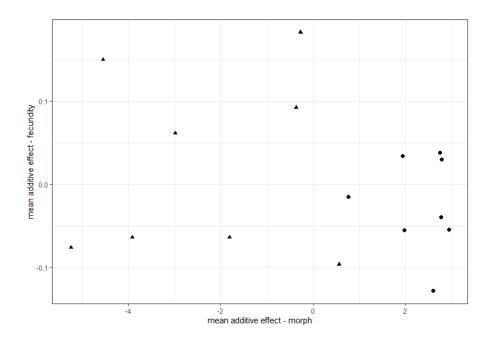
Supplementary figures

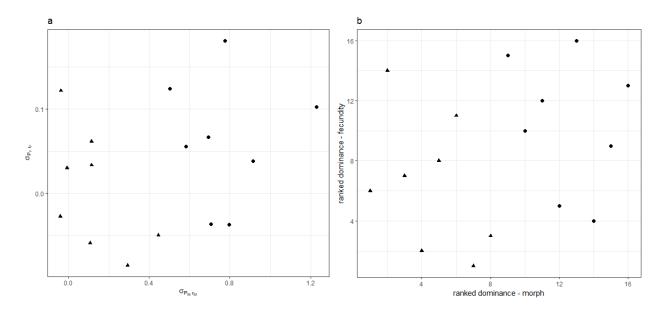
A sexually-selected male weapon characterised by strong additive genetic variance and no evidence for sexually antagonistic polyphenic maintenance



Supplementary Figure 1. Total number of observed reproductive failures per inbred line, founded by either fighter or scrambler males, over the first 10 generations of inbreeding. Number of reproductive failures are based on the observation of two male and female families, per line, each generation.



Supplementary Figure 2. No significant correlation between mean additive effect (mean HPD) of morph and fecundity. Lines founded by fighter and scrambler males are demoted by circles and triangles, respectively.



Supplementary Figure 3. No significant correlation between estimates of relative amount of recessive allelic variation for male morph ($\sigma_{PM,rM}$) and fecundity ($\sigma_{PF,rF}$), whether taking a) estimated values or b) rank of estimated values. Lines founded by fighter and scrambler males are demoted by circles and triangles, respectively.