



FIGURE 19.32. Quantitative genetics of fitness in the population of red deer on Rum. (A) The heritability of morphological and life history traits (*red and blue circles*, respectively) decreases with the correlation between the trait and fitness. The *magenta dots* show the heritability of fitness itself, which is estimated as near 0 in both sexes. (B) A similar plot for the additive genetic variance standardized relative to the square of the mean (CV_A). Total fitness has near-zero CV_A in females (*lower magenta dot*) but high CV_A in males (*upper magenta dot*).

19.32, redrawn from Kruuk L.E.B. et al., *Proc. Natl. Acad. Sci.* **97**: 698–703, © 2000 National Academy of Sciences, U.S.A.