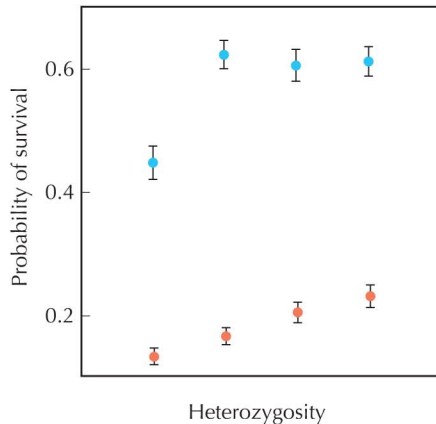


A



B



C

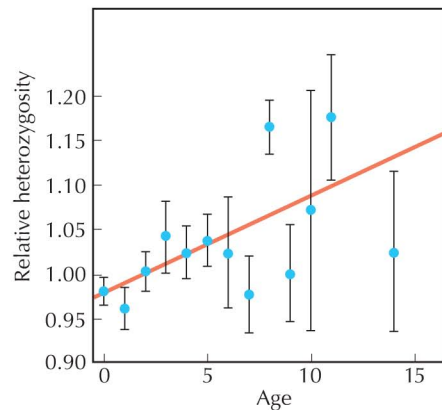


FIGURE 18.27. Overwinter survival of Soay sheep (*Ovis aries*) (A) is correlated with their heterozygosity at up to 14 microsatellite loci. (B) Survival has been corrected for environmental variables (e.g., weather) and is compared between four equal-sized quartiles of increasing heterozygosity. Red circles, overwinter survival of lambs; blue circles, adults. (C) As a result of the correlation between heterozygosity and survival, relative heterozygosity increases with age.

18.27A, photo courtesy of Kathie Miller, www.soayfarms.com; 18.27B,C, redrawn from Coltman D.W. et al., *Evolution* **53**: 1259–1267, © 1999 Society for the Study of Evolution