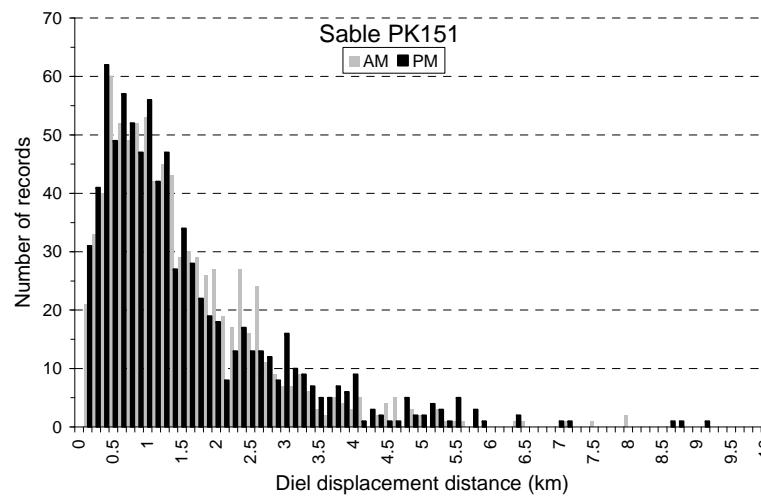
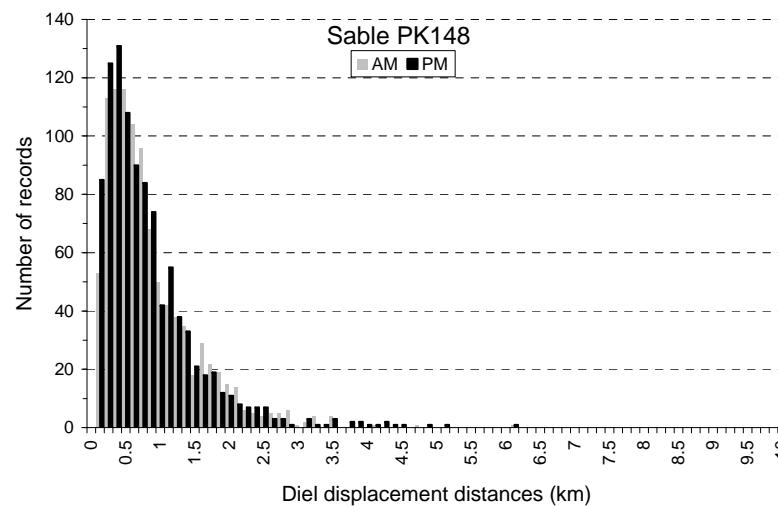
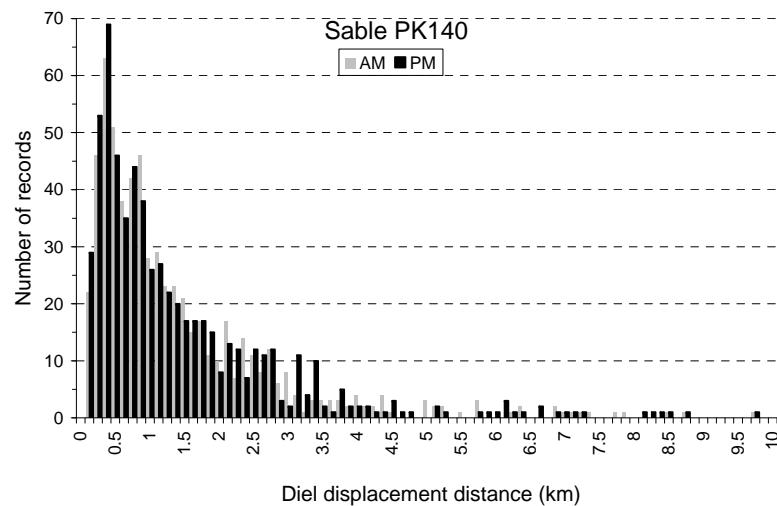


## SUPPLEMENTARY MATERIAL

Figure S1. Frequency distribution of diel displacement distances for three sable herds and four zebra herds



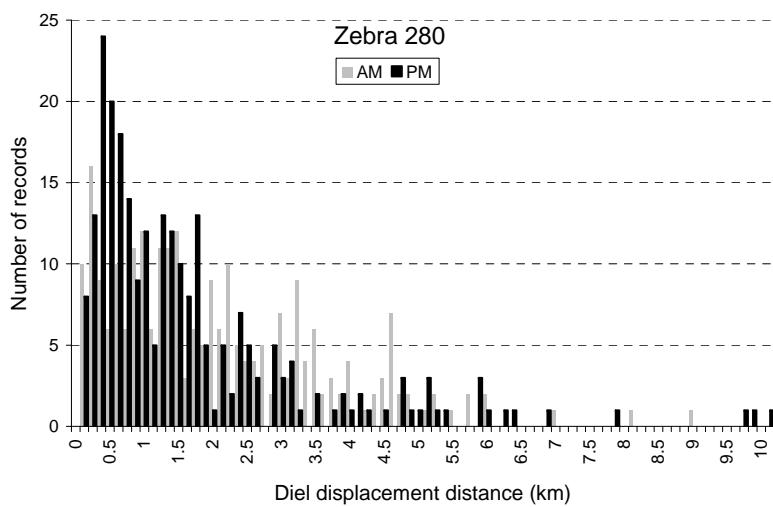
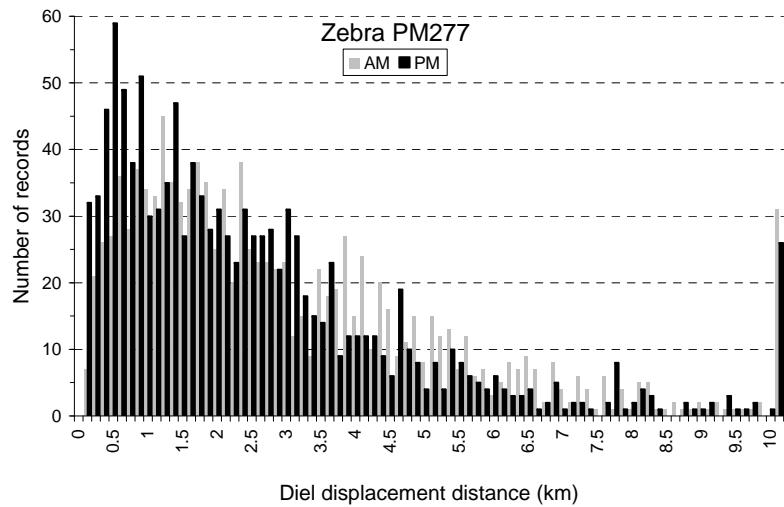
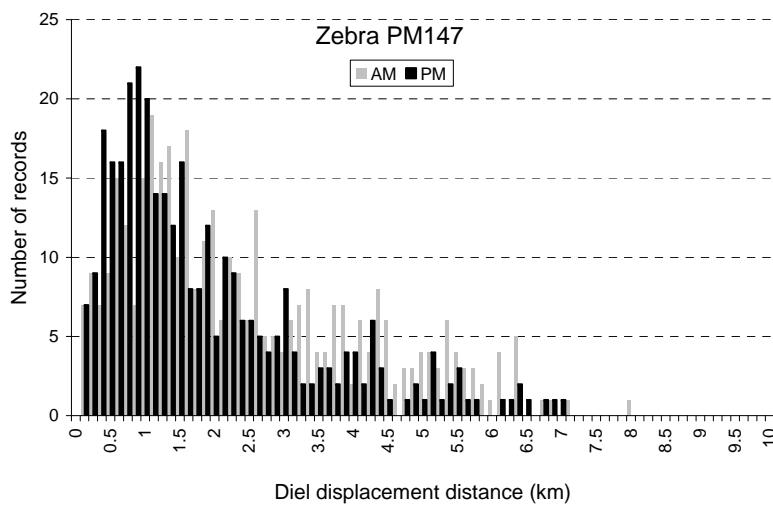
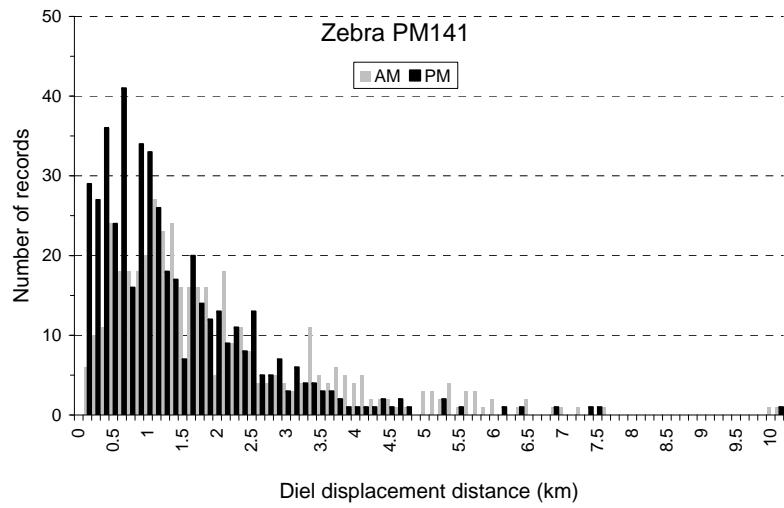


Figure S2. Monthly variation in daily displacement distances for sable herd SaPK-148 spanning three successive seasonal cycles

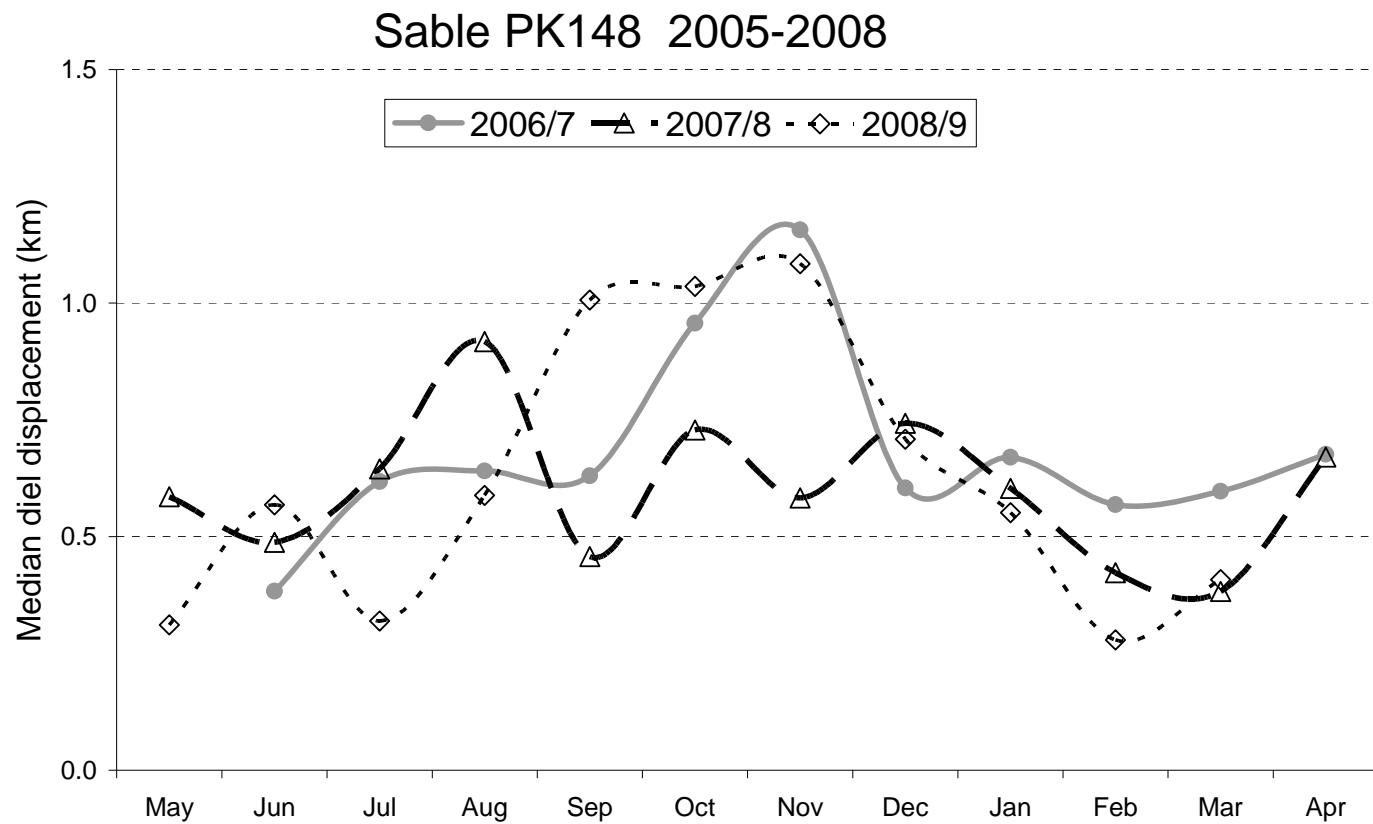


Figure S3. Bimonthly variation in median diel displacement distances, median for displacements <2 km, and proportion of displacements >2 km, from the initial two GPS collars placed on sable herds at PM. Note that the collared females came together in the same herd in August 2004. Annual rainfall in 2002/3 had been 23% below the long term mean, and that in the 2003/4 23% above the mean.

