

Figure 1. Schematic of Kuna Butte study area located approximately 3.2 km south of Kuna, Ada County, Idaho. Occupied (1997) burrowing owl nest sites are indicated by filled symbols. Scale: 1 in. = approx. 0.8 mi.

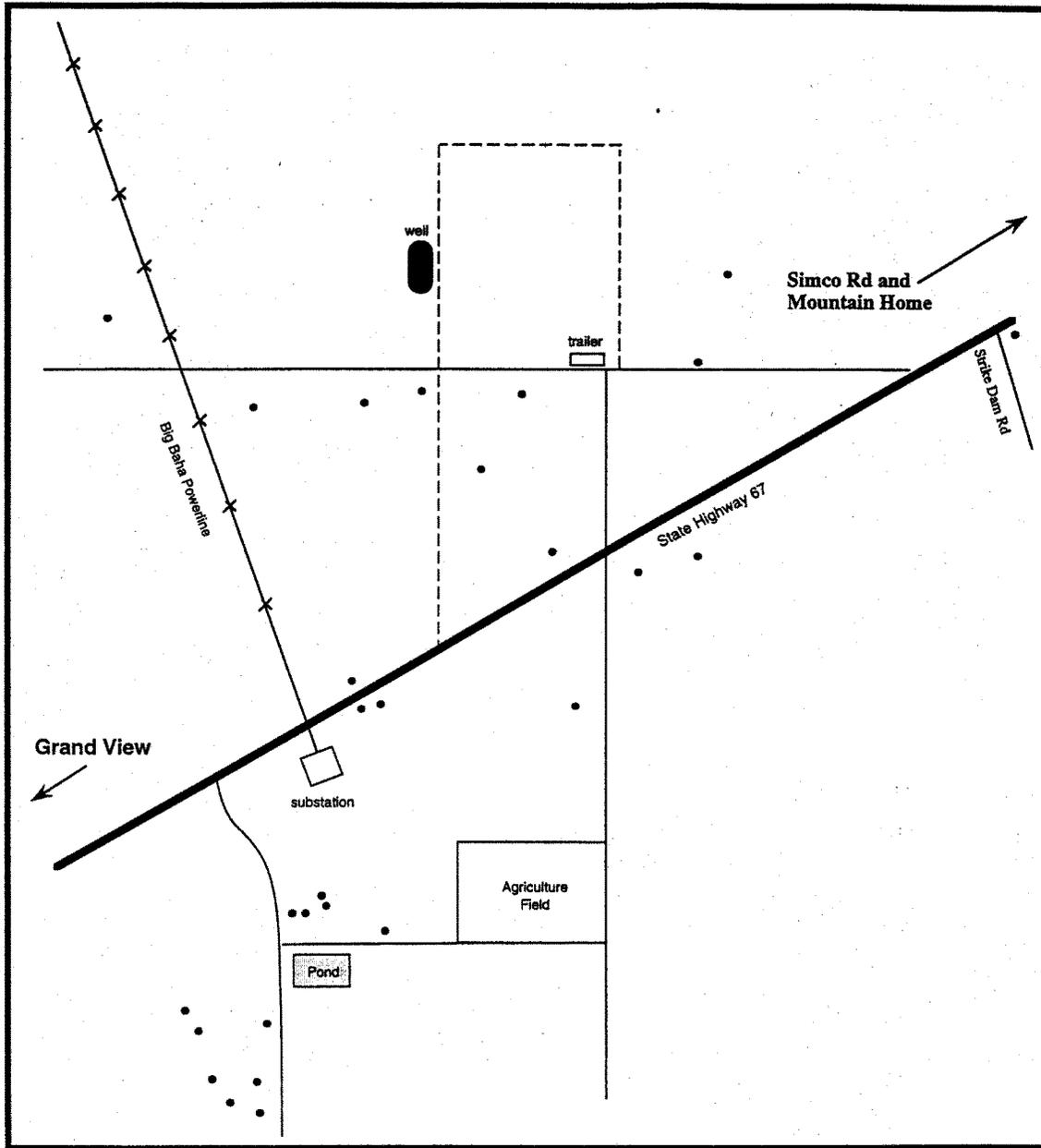


Figure 2. Schematic of Grand View study area located approximately 8 km north northeast of Grand View in Elmore County, Idaho along State Highway 67. Occupied (1997) burrowing owl nest sites are indicated by filled symbols. Scale: 1 in. = approx. 0.25 mi.

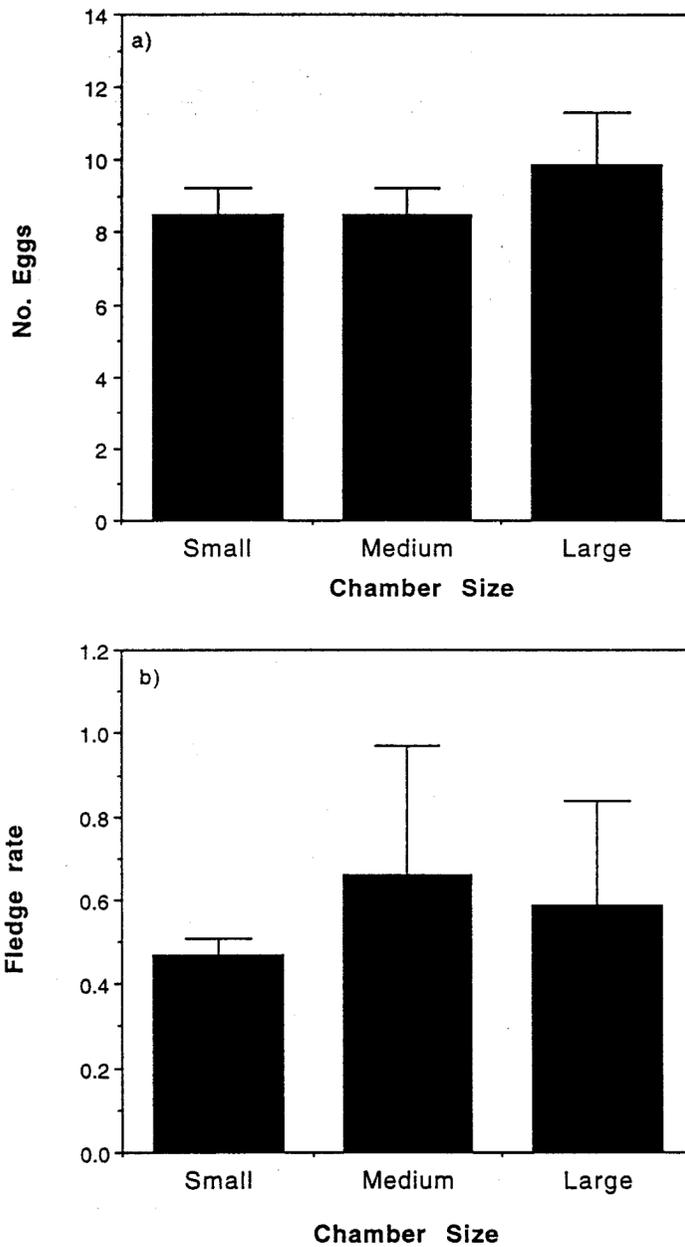


Figure 5. (a) Mean ( $\pm$  SD) clutch size for nests in small, medium, and large chambers ( $F = 1.57$ ,  $P = 0.237$ ). (b) Mean ( $\pm$  SD) number of fledglings from nests in large, small, medium, and large chambers. Fledging rate (No. fledged/No. eggs; arcsine transformed before analysis) did not differ among chamber sizes ( $F = 0.32$ ,  $P = 0.733$ ).

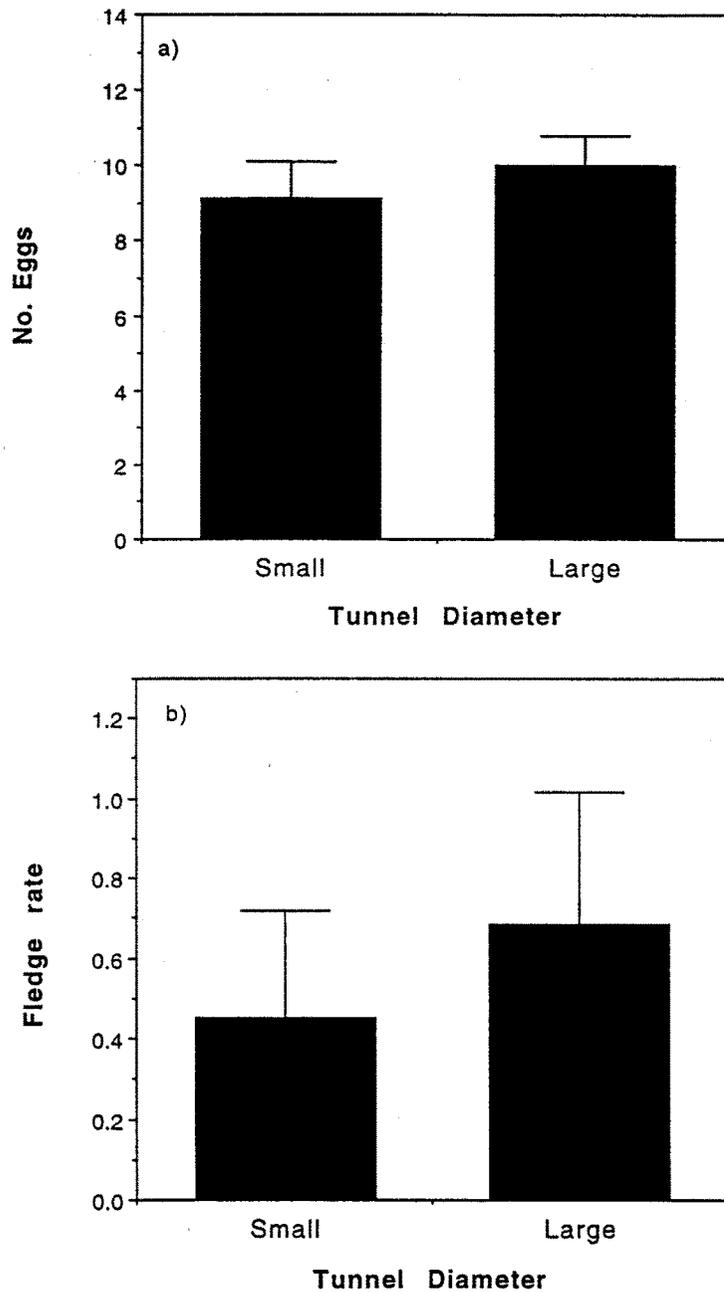


Figure 6. (a) Mean ( $\pm$  SD) clutch size for nests in 5 gal. buckets with small (10 cm) and large (15 cm) diameter tunnels ( $F = 2.30$ ,  $P = 0.160$ ). (b) Mean ( $\pm$  SD) number of fledglings from nests with small and large diameter tunnels. Fledging rate (No. fledged/No. eggs; arcsine transformed prior to analysis) did not differ between tunnel diameters ( $F = 1.74$ ,  $P = 0.216$ ).