

Supplementary Material 3. Photos of Arizona Grasshopper Sparrows using mesquite (A,C) and elderberry (B) as thermal refugia on hot days, and exhibiting wing-spreading behavior for cooling (D). There are at least 2 individuals in panel 3A and at least 3 in panel 3C. Date and time of photos are as follows: A-26 June 2012, 11:12; B-28 June 2012, 13:00; C-28 June 2012, 13:07; and D-26 June 2012, 11:19. Photographs by Janet Ruth.