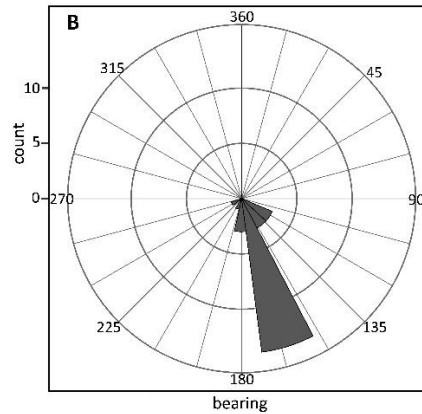
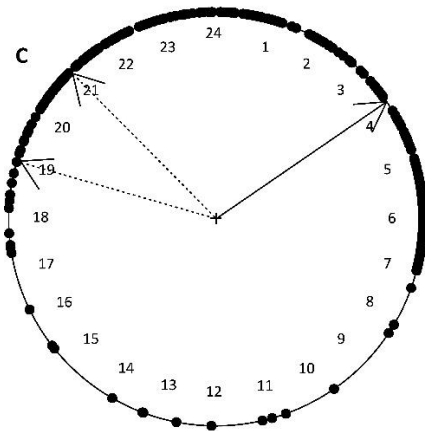


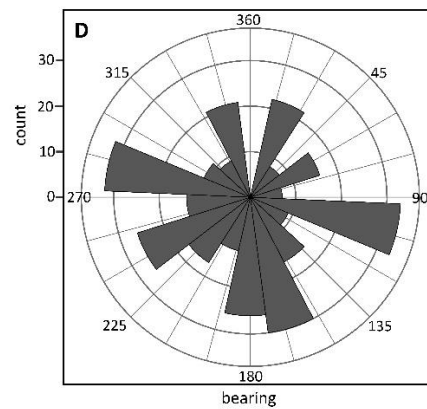
mean departure time 20:42
 range = 18:26 to 22:47, $\bar{R} = 0.713$, $p < 0.001$



mean = 171° , $\bar{R} = 0.925$, $p < 0.001$



mean local pre-migratory flight times =
 03:42, $\bar{R} = 0.383$, $p < 0.001$



mean = 171° , $\bar{R} = 0.925$, $p < 0.001$

Fig. S1. Circular graph depicting time of day (0 to 24 hr. clock) and directional movement for juvenile Wood Thrushes based on Motus tower detections to classify movements as pre-migratory or migratory. Unambiguous first migratory flight ($n = 25$ individuals) classed by: (A) Time of day for first flight; and (B) Direction of first fall migration flight. Pre-migratory flights ($n = 93$ individuals) classed by: (C) Time of day of movements; and (D) Direction of movements. Solid arrow indicates the average departure/movement time and dashed arrow indicating average local sunset time (range for sunset given by two broken arrows in Fig. C from July 3 – 9:03 pm to Oct. 1 – 7:04).