Appendix 4

R^2 values and p-values for linear and quadratic models fit to rate data. One observation was taken at random from each individual. ASY and SY males were also modeled separately to determine if age class affected rate patterns (Appendix 3). Neither model type explained significant variation in song rate for either sex, so rate does not seem to be affected by the period of the breeding season in which the recording was collected.

Model Type	Linear R^2	Quadratic R^2	Linear Significance of Fit ($P = 0.05$)	Quadratic Significance of Fit ($P = 0.05$)
Female	0.035	0.001	0.348	0.691
Male (combined)	0.042	0.001	0.840	0.438
ASY Male	-0.004	0.084	0.355	0.117
SY Male	-0.059	0.010	0.808	0.363