

**Appendix 15.** The relationship between the mean number of calling migrant songbirds recorded per minute at stopover sites during fall migration and the artificial-to-natural light ratio of 37 bird sampling sites in southeastern Ontario, Canada. The grey area is the 95% confidence band for the predicted curve of the negative binomial GAM. The data points represent the mean number of calling birds per minute at each site after adjusting for variation in date and time of day sampled. There was no relationship between the mean number of calling birds/min and the artificial light ratio. Artificial light ratio edf = 0.57,  $F = 157.43$ ,  $p = 0.38$ .

