

## Appendix 2.

Table A2.1 Expected percent change in pair density for a 5% increase in each habitat covariate in the top model for each nesting guild and associated habitat parameter estimates ( $\beta$ ) from best-approximating anthropogenic disturbance models. Not all habitat types advanced to the final model for each guild.

Nesting Guild	Habitat covariates	$\beta$ (SE)	Expected Change in Pair Density for a 5% Increase in Habitat Covariate (%)
Cavity	PERC_WETL	-2.83 (0.47)	-11.72
	PERC_CONI	-4.19 (0.53)	-19.51
	PERC_MIXE	-3.32 (0.97)	-13.26
	PERC_SHRU	-2.65 (0.81)	-10.86
	PERC_CROP	-3.94 (0.47)	-17.17
	PERC_OPWA	4.93 (0.66)	11.19
Ground	PERC_WETL	-5.57 (1.64)	-7.56
	PERC_CONI	-15.37 (1.86)	-19.43
	PERC_MIXE	-13.82 (3.45)	-17.79
	PERC_SHRU	-9.56 (2.84)	-12.60
	PERC_CROP	-3.78 (1.66)	-5.18
Overwater	PERC_CONI	-2.22 (0.48)	-16.03
	PERC_OPWA	4.93 (0.66)	47.89