



CORRECTION

Correction to: Grassland fragmentation affects declining tallgrass prairie birds most where large amounts of grassland remain

Mark R. Herse · Kimberly A. With · W. Alice Boyle

Published online: 12 January 2021
© Springer Nature B.V. 2020

Correction to: Landscape Ecol <https://doi.org/10.1007/s10980-020-01064-y>

In the original publication of the article, Table 1 was published incorrectly. The level of significance for the modelled fixed effect of grassland edge density on Grasshopper Sparrow occurrence was omitted from

the published table. Grassland edge density had a significant negative effect on Grasshopper Sparrow occurrence ($\hat{\beta} = -0.71$, standard error = 0.09, $p < 0.001$). The corrected version of Table 1 is shown below.

The original article can be found online at <https://doi.org/10.1007/s10980-020-01064-y>.

M. R. Herse · K. A. With · W. A. Boyle
Division of Biology, Kansas State University, Manhattan,
KS 66506, USA

M. R. Herse (✉)
School of Biological Sciences, University of Canterbury,
Private Bag 4800, Christchurch 8140, New Zealand
e-mail: markr.herse@gmail.com

Table 1 Slope parameter estimates ($\hat{\beta}$) and standard errors (SE) for predictor variables in the most parsimonious (i.e., lowest AICc) models of species apparent occurrence

Statistic	Grasshopper Sparrow	Henslow's Sparrow	Greater Prairie-Chicken	Upland Sandpiper
Sites occupied	1004/2250 (45%)	99/2250 (4%)	195/2250 (9%)	576/2250 (26%)
Transects occupied	74/75 (99%)	36/75 (48%)	30/75 (40%)	58/75 (77%)
Model fixed effects	Slope estimate (SE)			
Intercept	0.03 (0.16)	***− 3.77 (0.31)	***− 6.01 (0.63)	***− 1.90 (0.18)
Grass	*** 1.21 (0.10)	** 0.89 (0.30)	*** 1.10 (0.23)	*** 0.58 (0.13)
Grass ²	***− 0.47 (0.10)	*− 0.84 (0.33)		
Edge	***− 0.71 (0.09)	***− 1.17 (0.25)	***− 0.76 (0.18)	***− 1.36 (0.11)
Grass × edge				*− 0.21 (0.10)
Number of surveys	***0.46 (0.09)	**0.42 (0.15)	§0.59 (0.30)	*** 0.53 (0.10)
Survey point	*− 0.15 (0.07)		***− 1.57 (0.16)	
Variance explained				
Conditional R^2	0.51	0.16	0.61	0.48
Marginal R^2	0.39	0.13	0.24	0.30

Percent grassland ('Grass') and grassland edge density ('Edge') were measured within 400-m radii in models of Grasshopper Sparrows and Henslow's Sparrows, and 1600-m radii for Greater Prairie-Chickens and Upland Sandpipers. Estimates are based on scaled variables and thus directly comparable. Asterisks indicate significance level (***< 0.001, **< 0.01, *< 0.05, §< 0.1). The proportion of the variance in apparent occurrence explained by each full model versus only fixed effects are indicated by conditional R^2 and marginal R^2 , respectively, and based on the delta method

Publisher's Note Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.