



2013 Breeding Bird Survey Results for Tallgrass Prairie National Preserve, Kansas

Surveys conducted by Kristen J. Hase and Darin L. McCullough

A Heartland Network Monitoring Report



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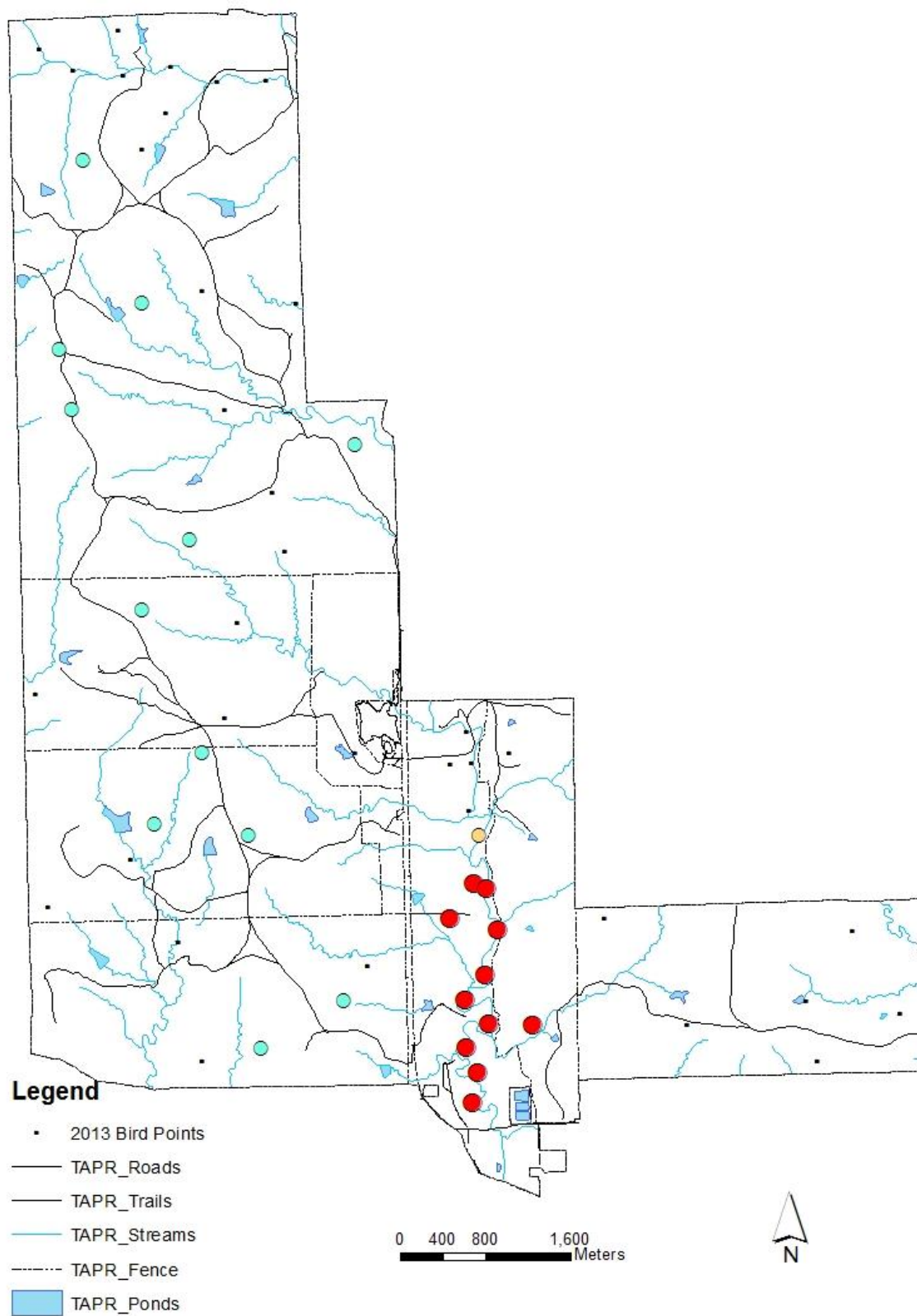


Figure 1. Areas of higher {gold (high) □ red (higher)} and lower {light blue (low) □ dark blue (lower)} than expected breeding bird species richness for plots on Tallgrass Prairie National Preserve, Kansas in 2013.

Table 1. Number of individuals encountered per plot visit, and proportion of plots out of 58 occupied by breeding bird species at Tallgrass Prairie National Preserve, Kansas during the 2013 bird surveys. Number of individuals per plot, and proportion of plots occupied includes all individuals recorded on plots during a 5-minute survey, including flyovers.

Common name	Species name	AOU code	Residency ¹	Individuals / plot visit	Proportion of plots occupied
American Crow	<i>Corvus brachyrhynchos</i>	AMCR	R	0.14	0.14
American Goldfinch	<i>Carduelis tristis</i>	AMGO	R	0.07	0.05
Baltimore Oriole	<i>Icterus galbula</i>	BAOR	SR	0.07	0.07
Bank Swallow	<i>Riparia riparia</i>	BANS	SR	0.17	0.07
Barn Swallow	<i>Hirundo rustica</i>	BARS	SR	0.19	0.10
Black-capped Chickadee	<i>Poecile atricapillus</i>	BCCH	R	0.07	0.07
Barred Owl*	<i>Strix varia</i>	BDOW	R	--	--
Belted Kingfisher	<i>Megasceryle alcyon</i>	BEKI	SR	0.02	0.02
Bewick's Wren	<i>Thryomanes bewickii</i>	BEWR	SR	0.03	0.02
Blue-gray Gnatcatcher	<i>Poliophtila caerulea</i>	BGGN	SR	0.17	0.14
Blue Jay	<i>Cyanocitta cristata</i>	BLJA	R	0.22	0.14
Brown Thrasher*	<i>Toxostoma rufum</i>	BRTH	SR	--	--
Brown-headed Cowbird	<i>Molothrus ater</i>	BHCO	R	0.90	0.53
Burrowing Owl*	<i>Athene cunicularia</i>	BUOW	T	--	--
Canada Goose*	<i>Branta canadensis</i>	CAGO	R	--	--
Carolina Wren	<i>Thryothorus ludovicianus</i>	CARW	R	0.09	0.09
Cedar Waxwing	<i>Bombycilla cedrorum</i>	CEDW	R	0.34	0.02
Chipping Sparrow	<i>Spizella passerina</i>	CHSP	SR	0.12	0.07
Common Nighthawk	<i>Chordeiles minor</i>	CONI	SR	0.03	0.03
Dickcissel	<i>Spiza americana</i>	DICK	SR	1.67	0.74
Downy Woodpecker	<i>Picoides pubescens</i>	DOWO	R	0.09	0.09
Eastern Bluebird	<i>Sialia sialis</i>	EABL	R	0.07	0.03
Eastern Kingbird	<i>Tyrannus tyrannus</i>	EAKI	SR	0.07	0.05
Eastern Meadowlark	<i>Sturnella magna</i>	EAME	R	1.34	0.69
Eastern Phoebe	<i>Sayornis phoebe</i>	EAPH	SR	0.02	0.02
Eastern Wood-pewee	<i>Contopus virens</i>	EAWP	SR	0.24	0.21
(Eastern) Tufted Titmouse	<i>Baeolophus bicolor</i>	ETTI	R	0.21	0.17
Great Blue Heron*	<i>Ardea herodias</i>	GBHE	R	--	--
Great Crested Flycatcher	<i>Myiarchus crinitus</i>	GCFL	SR	0.12	0.12
Great Horned Owl*	<i>Bubo virginianus</i>	GHOW	R	--	--
Greater Prairie Chicken*	<i>Tympanuchus cupido</i>	GPCH	R	--	--
Grasshopper Sparrow	<i>Ammodramus savannarum</i>	GRSP	SR	0.90	0.57
Henslow's Sparrow	<i>Ammodramus henslowii</i>	HESP	SR	0.07	0.07
Horned Lark	<i>Eremophila alpestris</i>	HOLA	R	0.02	0.02
House Wren	<i>Troglodytes aedon</i>	HOWR	SR	0.03	0.03
Indigo Bunting	<i>Passerina cyanea</i>	INBU	SR	0.09	0.07
Killdeer	<i>Charadrius vociferus</i>	KILL	SR	0.03	0.03
Mourning Dove	<i>Zenaida macroura</i>	MODO	R	0.28	0.19
Northern Bobwhite	<i>Colinus virginianus</i>	NOBO	R	0.12	0.12
Northern Cardinal	<i>Cardinalis cardinalis</i>	NOCA	R	0.28	0.21
Northern Mockingbird	<i>Mimus polyglottos</i>	NOMO	R	0.02	0.02
Northern Parula	<i>Parula americana</i>	NOPA	SR	0.09	0.09
Northern Rough-winged Swallow*	<i>Stelgidopteryx serripennis</i>	NRWS	SR	--	--
Orchard Oriole	<i>Icterus spurius</i>	OROR	SR	0.05	0.05
Pileated Woodpecker*	<i>Dryocopus pileatus</i>	PIWO	R	--	--
Prairie Warbler	<i>Dendroica discolor</i>	PRAW	T	0.02	0.02

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Common name	Species name	AOU code	Residency ¹	Individuals / plot visit	Proportion of plots occupied
Red-bellied Woodpecker	<i>Melanerpes carolinus</i>	RBWO	R	0.19	0.19
Red-eyed Vireo	<i>Vireo olivaceus</i>	REVI	SR	0.17	0.16
Red-headed Woodpecker	<i>Melanerpes erythrocephalus</i>	RHWO	R	0.03	0.03
Ring-necked Pheasant	<i>Phasianus colchicus</i>	RPHE	R	0.02	0.02
Red-tailed Hawk	<i>Buteo jamaicensis</i>	RTHA	R	0.02	0.02
Ruby-throated Hummingbird	<i>Archilochus colubris</i>	RTHU	SR	0.02	0.02
Red-winged Blackbird	<i>Agelaius phoeniceus</i>	RWBL	R	0.19	0.19
Scissor-tailed Flycatcher*	<i>Tyrannus forficatus</i>	STFL	SR	--	--
Summer Tanager	<i>Piranga rubra</i>	SUTA	SR	0.05	0.05
Turkey Vulture	<i>Cathartes aura</i>	TUVU	SR	0.47	0.14
Unknown		UNKN		0.07	0.02
Unknown Flycatcher		UNKNFLCA		0.03	0.03
Unknown Swallow		UNSW		0.02	0.02
Unknown Vireo*	<i>Vireo spp.</i>	UNVI		--	--
Upland Sandpiper	<i>Bartramia longicauda</i>	UPSA	SR	0.17	0.16
Warbling Vireo	<i>Vireo gilvus</i>	WAVI	SR	0.05	0.05
White-breasted Nuthatch	<i>Sitta carolinensis</i>	WBNU	R	0.05	0.05
Western Kingbird	<i>Tyrannus verticalis</i>	WEKI	SR	0.05	0.03
Western Meadowlark	<i>Sturnella neglecta</i>	WEME	R	0.03	0.02
Wild Turkey	<i>Meleagris gallopavo</i>	WITU	R	0.02	0.02
Wood Duck*	<i>Aix sponsa</i>	WODU	SR	--	--
Yellow-billed Cuckoo	<i>Coccyzus americanus</i>	YBCU	SR	0.03	0.03
Northern (Yellow-shafted) Flicker	<i>Colaptes auratus</i>	YSFL	R	0.03	0.03
Yellow Warbler	<i>Dendroica petechia</i>	YWAR	SR	0.03	0.03

¹ Residency status: R = year around resident; SR = summer resident; T = transient (Thompson, M.C., C.A. Ely, B. Gress, C. Otte, S.T. Patti, D. Seibel and E.A. Young. 2011. Birds of Kansas. University Press of Kansas, Lawrence, Kansas. 527pp). Permanent and summer resident birds are referred to as breeding species for analysis in this document.

* Breeding species recorded outside of 5-minute survey periods.

Species names are valid and verified names obtained from ITIS. (Integrated Taxonomic Information System. Accessed in 2013, <http://www.itis.gov/>).

Bolded species names are those species considered of continental importance (Rich, T.D., C.J. Beardmore, H. Berlanga, P.J. Blancher, M.S.W. Bradstreet, G.S. Butcher, D.W. Demarest, E.H. Dunn, W.C. Hunter, E.E. Inigo-Elias, J.A. Kennedy, A.M. Martell, A.O. Panjabi, D.N. Pashley, K.V. Rosenberg, C.M. Rustay, J.S. Wendt, T.C. Will. 2004. Partners in Flight North American Landbird Conservation Plan. Cornell Lab of Ornithology, Ithaca, New York. 84pp).

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