



2012 Breeding Bird Survey Results for Tallgrass Prairie National Preserve, Kansas

Surveys conducted by Kristen J. Hase, Darin L. McCullough, Jeff A. Rundell, Rebecca A. Guffey, Andrew U. Rutter, Kelly M. Rice, Andrew D. Page, Micheal S. Wormington



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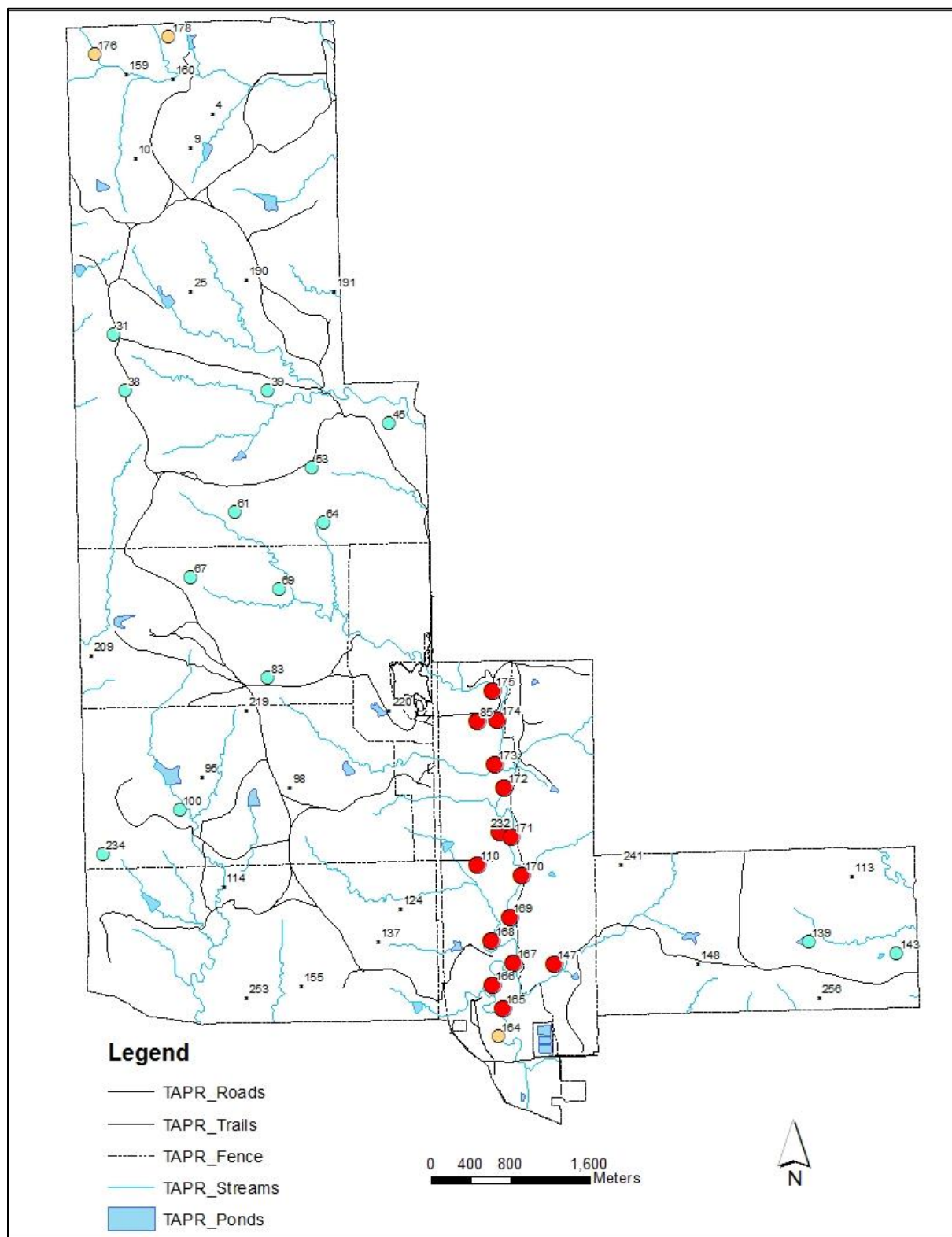


Figure 1. Areas of higher {gold (high) □ red (higher)} and lower {light blue (low) □ dark blue (lower)} than expected breeding bird species richness for plots on Tallgrass Prairie National Preserve, Kansas in 2012.

Table 1. Number of individuals encountered per plot visit, and proportion of plots out of 54 occupied by breeding bird species at Tallgrass Prairie National Preserve, Kansas during the 2012 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
Acadian Flycatcher	<i>Empidonax virescens</i>	ACFL	SR	0.02	0.02
American Crow	<i>Corvus brachyrhynchos</i>	AMCR	R	0.11	0.11
American Goldfinch	<i>Carduelis tristis</i>	AMGO	R	0.04	0.04
Baltimore Oriole	<i>Icterus galbula</i>	BAOR	SR	0.02	0.02
Bank Swallow	<i>Riparia riparia</i>	BANS	SR	0.02	0.02
Barn Swallow	<i>Hirundo rustica</i>	BARS	SR	0.24	0.13
Barred Owl	<i>Strix varia</i>	BDOW	R	0.04	0.04
Black-capped Chickadee	<i>Poecile atricapillus</i>	BCCH	R	0.13	0.09
Bell's Vireo	<i>Vireo bellii</i>	BEVI	SR	0.04	0.04
Blue Jay	<i>Cyanocitta cristata</i>	BLJA	R	0.15	0.09
Blue-gray Gnatcatcher	<i>Poliophtila caerulea</i>	BGGN	SR	0.04	0.04
Blue Grosbeak	<i>Passerina caerulea</i>	BLGR	SR	0.02	0.02
Blue-winged Teal*	<i>Anas discors</i>	BWTE	SR	--	--
Brown-headed Cowbird	<i>Molothrus ater</i>	BHCO	R	0.50	0.31
Brown Thrasher*	<i>Toxostoma rufum</i>	BRTH	SR	--	--
Canada Goose*	<i>Branta canadensis</i>	CAGO	R	--	--
Carolina Wren	<i>Thryothorus ludovicianus</i>	CARW	R	0.06	0.06
Common Grackle	<i>Quiscalus quiscula</i>	COGR	R	0.11	0.06
Common Nighthawk	<i>Chordeiles minor</i>	CONI	SR	0.15	0.15
Dickcissel	<i>Spiza americana</i>	DICK	SR	2.04	0.83
Downy Woodpecker	<i>Picoides pubescens</i>	DOWO	R	0.06	0.06
Eastern Bluebird	<i>Sialia sialis</i>	EABL	R	0.04	0.04
Eastern Kingbird	<i>Tyrannus tyrannus</i>	EAKI	SR	0.02	0.02
Eastern Meadowlark	<i>Sturnella magna</i>	EAME	R	1.17	0.61
Eastern Wood-pewee	<i>Contopus virens</i>	EAWP	SR	0.17	0.13
Grasshopper Sparrow	<i>Ammodramus savannarum</i>	GRSP	SR	0.26	0.19
Great Blue Heron	<i>Ardea herodias</i>	GBHE	R	0.02	0.02
Great Crested Flycatcher	<i>Myiarchus crinitus</i>	GCFL	SR	0.13	0.09
Greater Prairie Chicken	<i>Tympanuchus cupido</i>	GPCH	R	0.04	0.04
Green Heron*	<i>Butorides virescens</i>	GRHE	SR	--	--
Henslow's Sparrow	<i>Ammodramus henslowii</i>	HESP	SR	0.04	0.04
House Finch	<i>Carpodacus mexicanus</i>	HOFI	R	0.02	0.02
House Wren	<i>Troglodytes aedon</i>	HOWR	SR	0.02	0.02
Indigo Bunting	<i>Passerina cyanea</i>	INBU	SR	0.06	0.04
Kentucky Warbler*	<i>Oporornis formosus</i>	KEWA	SR	--	--
Killdeer	<i>Charadrius vociferus</i>	KILL	SR	0.02	0.02
Mourning Dove	<i>Zenaida macroura</i>	MODO	R	0.19	0.15
Northern Bobwhite	<i>Colinus virginianus</i>	NOBO	R	0.30	0.26
Northern Cardinal	<i>Cardinalis cardinalis</i>	NOCA	R	0.17	0.13
Northern Flicker	<i>Colaptes auratus</i>	YSFL	R	0.13	0.11
Northern Parula	<i>Parula americana</i>	NOPA	SR	0.04	0.02
Orchard Oriole	<i>Icterus spurius</i>	OROR	SR	0.04	0.04
Red-bellied Woodpecker	<i>Melanerpes carolinus</i>	RBWO	R	0.19	0.15
Red-eyed Vireo	<i>Vireo olivaceus</i>	REVI	SR	0.07	0.07
Red-tailed Hawk	<i>Buteo jamaicensis</i>	RTHA	R	0.06	0.04
Red-winged Blackbird	<i>Agelaius phoeniceus</i>	RWBL	R	0.31	0.15

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Common name	Species name	AOU code	Residency ¹	Individuals / plot visit	Proportion of plots occupied
Ruby-throated Hummingbird	<i>Archilochus colubris</i>	RTHU	SR	0.02	0.02
Summer Tanager	<i>Piranga rubra</i>	SUTA	SR	0.02	0.02
Tufted Titmouse	<i>Baeolophus bicolor</i>	ETTI	R	0.13	0.07
Turkey Vulture	<i>Cathartes aura</i>	TUVU	SR	0.09	0.07
Upland Sandpiper	<i>Bartramia longicauda</i>	UPSA	SR	0.37	0.30
Warbling Vireo	<i>Vireo gilvus</i>	WAVI	SR	0.04	0.04
Western Kingbird	<i>Tyrannus verticalis</i>	WEKI	SR	0.02	0.02
White-breasted Nuthatch	<i>Sitta carolinensis</i>	WBNU	R	0.26	0.20
Wild Turkey	<i>Meleagris gallopavo</i>	WITU	R	0.13	0.06
Yellow-billed Cuckoo	<i>Coccyzus americanus</i>	YBCU	SR	0.04	0.04
Yellow Warbler	<i>Dendroica petechia</i>	YWAR	SR	0.04	0.04

¹ Residency status: R = year around resident; SR = summer resident (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 2012, <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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