



2011 Breeding Bird Survey Results for Tallgrass Prairie National Preserve, Kansas

Surveys conducted by Kristen J. and Chris D. Hase, Darin L. McCullough, and Jeff A. Rundell

A Heartland Network Monitoring Report



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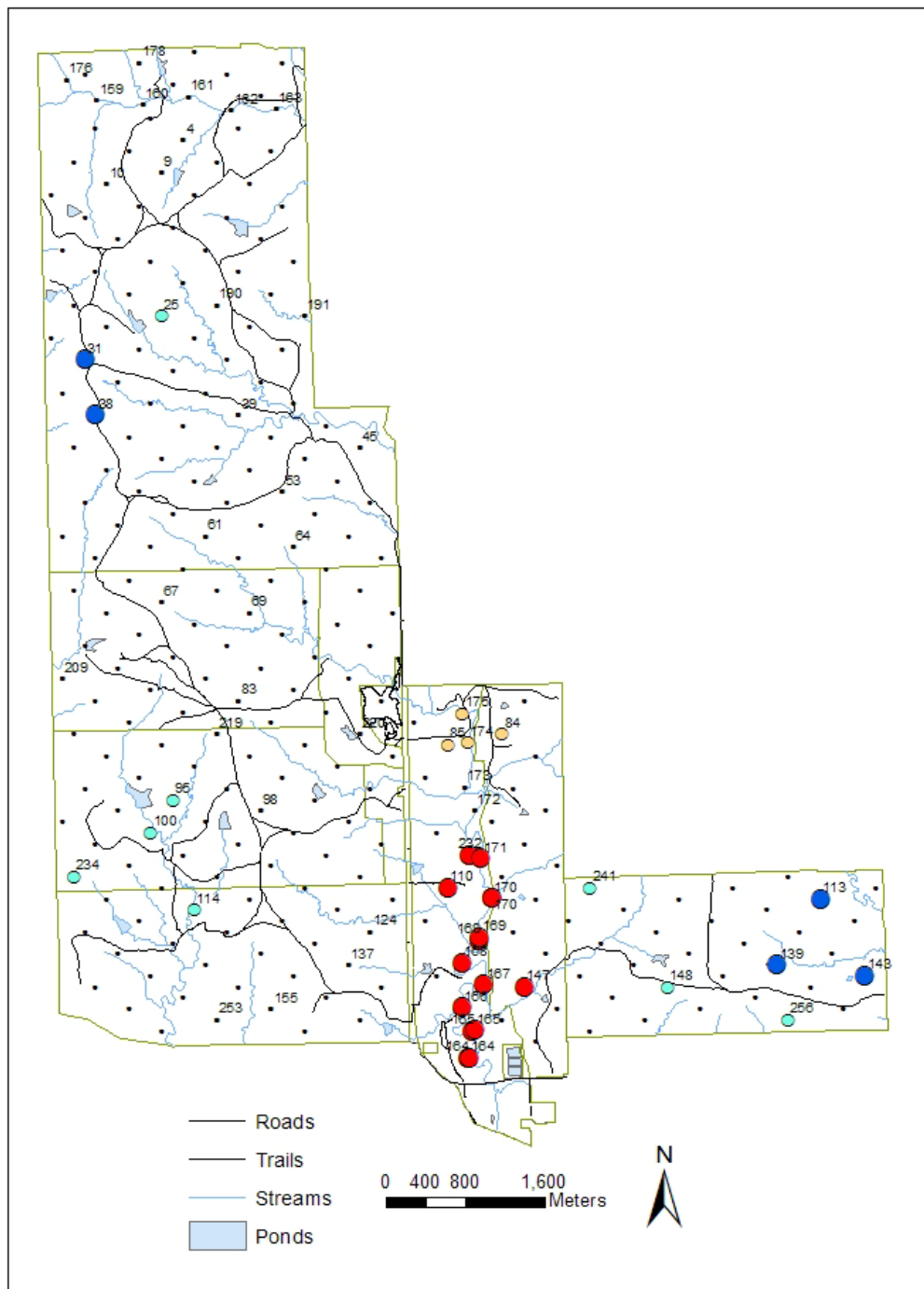


Figure 1. Areas of higher {gold (high) □ red (higher)} and lower {light blue (low) □ dark blue (lower)} than expected breeding bird species richness for plots on Tallgrass Prairie National Preserve, Kansas in 2011.

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 2011 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	0.12	0.10
American Goldfinch	<i>Carduelis tristis</i>	AMGO	R	0.03	0.02
Bald Eagle	<i>Haliaeetus leucocephalus</i>	BAEA	WR	--	--
Baltimore Oriole	<i>Icterus galbula</i>	BAOR	SR	0.09	0.09
Bank Swallow	<i>Riparia riparia</i>	BANS	SR	0.09	0.05
Barn Swallow	<i>Hirundo rustica</i>	BARS	SR	0.12	0.10
Black-capped Chickadee	<i>Poecile atricapillus</i>	BCCH	R	0.07	0.05
Barred Owl	<i>Strix varia</i>	BDOW	R	0.03	0.03
Blue-gray Gnatcatcher	<i>Poliophtila caerulea</i>	BGGN	SR	0.09	0.05
Blue Jay	<i>Cyanocitta cristata</i>	BLJA	R	0.12	0.10
Brown Thrasher	<i>Toxostoma rufum</i>	BRTH	R	0.03	0.02
Brown-headed Cowbird	<i>Molothrus ater</i>	BHCO	R	1.03	0.40
Cattle Egret*	<i>Bubulcus ibis</i>	CAEG	SR	--	--
Carolina Wren	<i>Thryothorus ludovicianus</i>	CARW	R	0.09	0.09
Common Nighthawk	<i>Chordeiles minor</i>	CONI	SR	0.02	0.02
Dickcissel	<i>Spiza americana</i>	DICK	SR	1.50	0.67
Downy Woodpecker	<i>Picoides pubescens</i>	DOWO	R	0.05	0.03
Eastern Bluebird*	<i>Sialia sialis</i>	EABL	R	--	--
Eastern Meadowlark	<i>Sturnella magna</i>	EAME	R	1.16	0.67
Eastern Wood-pewee	<i>Contopus virens</i>	EAWP	SR	0.28	0.21
(Eastern) Tufted Titmouse	<i>Baeolophus bicolor</i>	ETTI	R	0.14	0.12
Great Blue Heron	<i>Ardea herodias</i>	GBHE	R	0.03	0.03
Great Crested Flycatcher	<i>Myiarchus crinitus</i>	GCFL	SR	0.05	0.05
Greater Prairie Chicken*	<i>Tympanuchus cupido</i>	GRPC	R	--	--
Grasshopper Sparrow	<i>Ammodramus savannarum</i>	GRSP	SR	0.31	0.22
Henslow's Sparrow	<i>Ammodramus henslowii</i>	HESP	SR	0.34	0.16
House Wren	<i>Troglodytes aedon</i>	HOWR	SR	0.02	0.02
Indigo Bunting	<i>Passerina cyanea</i>	INBU	SR	0.12	0.07
Kentucky Warbler	<i>Oporornis formosus</i>	KEWA	SR	0.02	0.02
Killdeer	<i>Charadrius vociferus</i>	KILL	R	0.09	0.07
Lark Sparrow*	<i>Chondestes grammacus</i>	LASP	SR	--	--
Loggerhead Shrike	<i>Lanius ludovicianus</i>	LOSH	R	--	--
Louisiana Waterthrush	<i>Seiurus motacilla</i>	LOWA	SR	0.05	0.02
Mourning Dove	<i>Zenaida macroura</i>	MODO	SR	0.05	0.03
Northern Bobwhite	<i>Colinus virginianus</i>	NOBO	R	0.19	0.14
Northern Cardinal	<i>Cardinalis cardinalis</i>	NOCA	R	0.16	0.16
Northern Mockingbird	<i>Mimus polyglottos</i>	NOMO	R	0.02	0.02
Northern Parula	<i>Parula americana</i>	NOPA	SR	0.10	0.09
Orchard Oriole	<i>Icterus spurius</i>	OROR	SR	0.05	0.03
Pileated Woodpecker*	<i>Dryocopus pileatus</i>	PIWO	R	--	--
Prothonotary Warbler	<i>Protonotaria citrea</i>	PROW	SR	0.02	0.02
Red-bellied Woodpecker	<i>Melanerpes carolinus</i>	RBWO	R	0.16	0.14
Red-eyed Vireo	<i>Vireo olivaceus</i>	REVI	SR	0.17	0.17
Red-headed Woodpecker	<i>Melanerpes erythrocephalus</i>	RHWO	R	0.02	0.02
Red-tailed Hawk	<i>Buteo jamaicensis</i>	RTHA	R	0.05	0.05

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Common name	Species name	AOU code	Residency ¹	Individuals / plot visit	Proportion of plots occupied
Red-winged Blackbird	<i>Agelaius phoeniceus</i>	RWBL	R	0.19	0.14
Scissor-tailed Flycatcher*	<i>Tyrannus forficatus</i>	STFL	SR	--	--
Summer Tanager	<i>Piranga rubra</i>	SUTA	SR	0.10	0.07
Turkey Vulture	<i>Cathartes aura</i>	TUVU	SR	0.05	0.05
Upland Sandpiper	<i>Bartramia longicauda</i>	UPSA	SR	0.34	0.29
Warbling Vireo	<i>Vireo gilvus</i>	WAVI	SR	0.05	0.05
White-breasted Nuthatch	<i>Sitta carolinensis</i>	WBNU	R	0.07	0.07
Western Kingbird	<i>Tyrannus verticalis</i>	WEKI	SR	0.02	0.02
White-faced Ibis*	<i>Plegadis chihi</i>	WFIB	SR	--	--
Wild Turkey*	<i>Meleagris gallopavo</i>	WITU	R	--	--
Wood Duck	<i>Aix sponsa</i>	WODU	O	--	--
Yellow-billed Cuckoo	<i>Coccyzus americanus</i>	YBCU	SR	0.07	0.07
Northern (Yellow-shafted) Flicker	<i>Colaptes auratus</i>	YSFL	R	0.05	0.05
Yellow-throated Vireo	<i>Vireo flavifrons</i>	YTVI	SR	0.02	0.02
Yellow Warbler	<i>Dendroica petechia</i>	YWAR	SR	0.02	0.02

¹ Residency status: SR = summer resident; R = year around resident; O = outside of normal range; WR = winter resident (Stokes, D.W. and L.Q. Stokes. 1996. Stokes Field Guide to Birds: Eastern Region. Little, Brown and Company, New York, New York. 471 pp). 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 2011, <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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