



2011 Breeding Bird Survey Results for Pipestone National Monument, Minnesota

Surveys conducted by Seth B. Hendriks, Julianne L. Pierson, and Creighton C. Schroyer

A Heartland Network Monitoring Report



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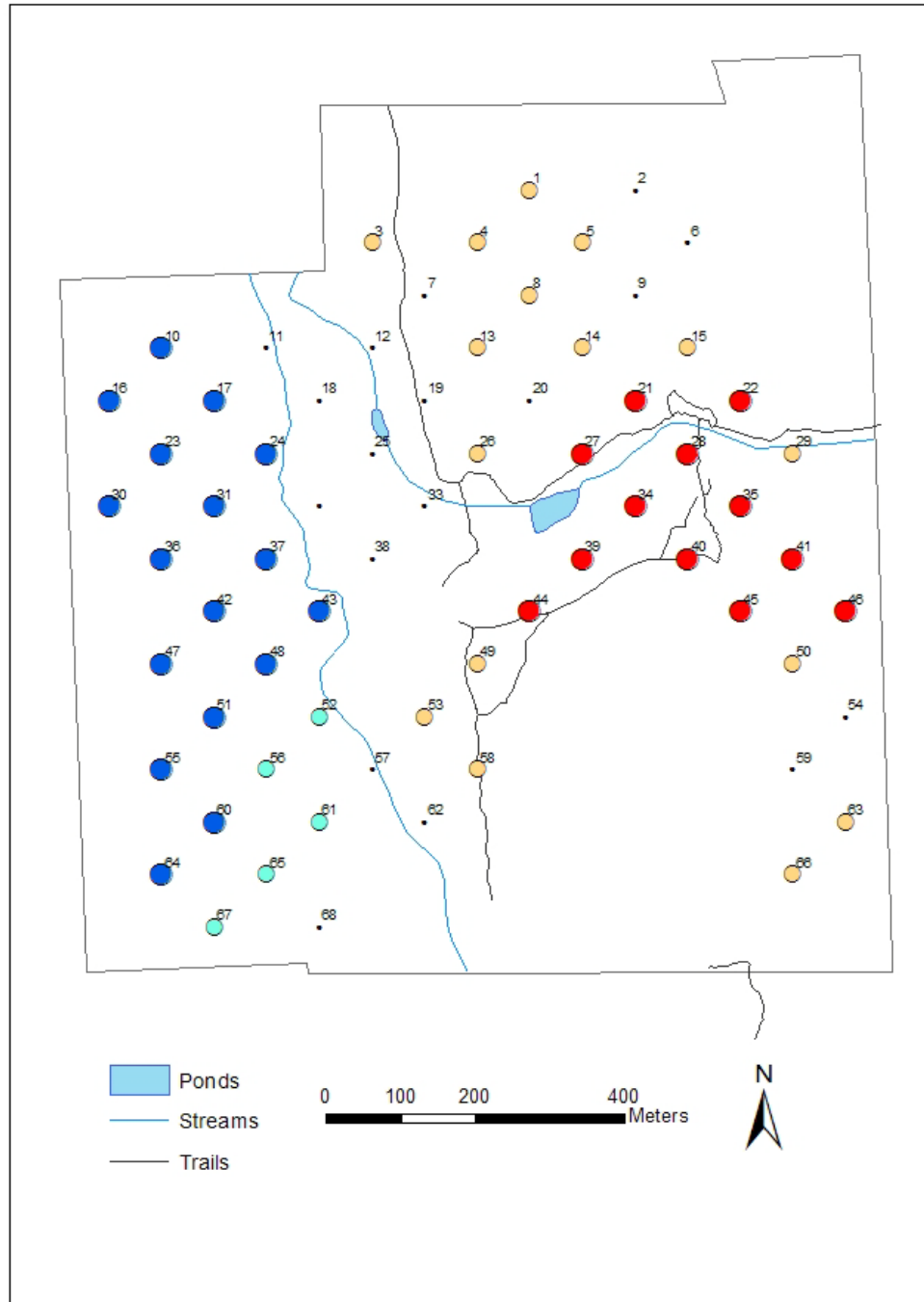


Figure 1. Areas of higher {gold (high) $\square$ red (higher)} and lower {light blue (low) $\square$ dark blue (lower)} than expected breeding bird species richness for plots on Pipestone National Monument, Minnesota in 2011.

Table 1. Number of individuals encountered per plot visit, and proportion of plots out of 67 occupied by breeding bird species at Pipestone National Monument, Minnesota 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
American Coot	<i>Fulica americana</i>	AMCO	SR	0.04	0.03
American Crow	<i>Corvus brachyrhynchos</i>	AMCR	R	0.32	0.29
American Goldfinch	<i>Carduelis tristis</i>	AMGO	R	0.84	0.60
American Robin	<i>Turdus migratorius</i>	AMRO	SR	0.59	0.56
Baltimore Oriole	<i>Icterus galbula</i>	BAOR	SR	0.12	0.04
Barn Swallow	<i>Hirundo rustica</i>	BARS	SR	0.37	0.21
Belted Kingfisher	<i>Megaceryle alcyon</i>	BEKI	R	0.03	0.03
Black Tern*	<i>Chlidonias niger</i>	BLTE	SR	--	--
Blue Grosbeak	<i>Passerina caerulea</i>	BLGR	SR	0.03	0.01
Blue Jay	<i>Cyanocitta cristata</i>	BLJA	R	0.07	0.07
Blue-winged Teal	<i>Anas discors</i>	BWTE	SR	0.03	0.03
Bobolink	<i>Dolichonyx oryzivorus</i>	BOBO	SR	1.19	0.65
Brewer's Blackbird	<i>Euphagus cyanocephalus</i>	BRBL	SR	0.15	0.07
Brown-headed Cowbird	<i>Molothrus ater</i>	BHCO	SR	0.37	0.26
Brown Thrasher*	<i>Toxostoma rufum</i>	BRTH	R	--	--
Canada Goose	<i>Branta canadensis</i>	CAGO	SR	0.65	0.19
Clay-colored Sparrow	<i>Spizella pallida</i>	CCSP	SR	0.06	0.03
Cedar Waxwing	<i>Bombycilla cedrorum</i>	CEDW	R	0.07	0.06
Chestnut-sided Warbler*	<i>Dendroica pensylvanica</i>	CSWA	SR	--	--
Chimney Swift	<i>Chaetura pelagica</i>	CHSW	SR	0.18	0.07
Chipping Sparrow	<i>Spizella passerina</i>	CHSP	SR	0.32	0.31
Common Grackle	<i>Quiscalus quiscula</i>	COGR	SR	2.72	0.78
Common Nighthawk	<i>Chordeiles minor</i>	CONI	SR	0.21	0.19
Common Snipe*	<i>Gallinago gallinago</i>	COSN	M	--	--
Common Yellowthroat	<i>Geothlypis trichas</i>	COYE	SR	0.37	0.37
Dickcissel	<i>Spiza americana</i>	DICK	SR	0.19	0.19
Downy Woodpecker	<i>Picoides pubescens</i>	DOWO	R	0.03	0.03
Eastern Kingbird	<i>Tyrannus tyrannus</i>	EAKI	SR	0.18	0.15
Eastern Meadowlark	<i>Sturnella magna</i>	EAME	SR	0.04	0.04
Eastern Phoebe	<i>Sayornis phoebe</i>	EAPH	SR	0.04	0.04
European Starling	<i>Sturnus vulgaris</i>	EUST	R	0.19	0.16
Field Sparrow	<i>Spizella pusilla</i>	FISP	SR	0.32	0.31
Great Crested Flycatcher	<i>Myiarchus crinitus</i>	GCFL	SR	0.01	0.01
Green Heron	<i>Butorides virescens</i>	GRHE	SR	0.01	0.01
Grasshopper Sparrow	<i>Ammodramus savannarum</i>	GRSP	SR	0.66	0.62
Gray Catbird	<i>Dumetella carolinensis</i>	GRCA	SR	0.06	0.06
Gray-cheeked Thrush*	<i>Catharus minimus</i>	GCTH	M	--	--
Hairy Woodpecker	<i>Picoides villosus</i>	HAWO	R	0.03	0.03
House Finch	<i>Carpodacus mexicanus</i>	HOFI	O	--	--
House Sparrow	<i>Passer domesticus</i>	HOSP	R	0.01	0.01
House Wren	<i>Troglodytes aedon</i>	HOWR	SR	0.31	0.31
Killdeer	<i>Charadrius vociferus</i>	KILL	SR	0.12	0.10
Least Bittern	<i>Ixobrychus exilis</i>	LEBI	SR	0.01	0.01
Mallard	<i>Anas platyrhynchos</i>	MALL	R	0.09	0.07
Mourning Dove	<i>Zenaida macroura</i>	MODO	R	0.46	0.34
Northern Pintail*	<i>Anas acuta</i>	NOPI	SR	--	--
Northern Rough-winged Swallow	<i>Stelgidopteryx serripennis</i>	NRWS	SR	0.19	0.12

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Common name	Species name	AOU code	Residency ¹	Individuals / plot visit	Proportion of plots occupied
Orchard Oriole	<i>Icterus spurius</i>	OROR	SR	0.07	0.07
Ring-neck Pheasant	<i>Phasianus colchicus</i>	RPHE	R	0.35	0.35
Red-eyed Vireo*	<i>Vireo olivaceus</i>	REVI	SR	--	--
Red-tailed Hawk*	<i>Buteo jamaicensis</i>	RTHA	R	--	--
Red-winged Blackbird	<i>Agelaius phoeniceus</i>	RWBL	R	0.49	0.38
Rough-legged Hawk*	<i>Buteo lagopus</i>	RLHA	WR	--	--
Ruby-throated Hummingbird*	<i>Archilochus colubris</i>	RTHU	SR	--	--
Savannah Sparrow	<i>Passerculus sandwichensis</i>	SAVS	SR	0.01	0.01
Sedge Wren	<i>Cistothorus platensis</i>	SEWR	SR	0.01	0.01
Sora	<i>Porzana carolina</i>	SORA	SR	0.03	0.03
Song Sparrow	<i>Melospiza melodia</i>	SOSP	R	0.18	0.18
Tree Swallow	<i>Tachycineta bicolor</i>	TRES	SR	0.35	0.28
Turkey Vulture	<i>Cathartes aura</i>	TUVU	SR	0.10	0.07
Upland Sandpiper	<i>Bartramia longicauda</i>	UPSA	SR	0.01	0.01
Vesper Sparrow	<i>Pooecetes gramineus</i>	VESP	SR	0.01	0.01
Western Kingbird	<i>Tyrannus verticalis</i>	WEKI	SR	0.01	0.01
Wild Turkey	<i>Meleagris gallopavo</i>	WITU	R	0.13	0.06
Wood Duck	<i>Aix sponsa</i>	WODU	SR	0.06	0.03
Yellow-breasted Chat	<i>Icteria virens</i>	YBCH	SR	0.01	0.01
Yellow-headed Blackbird	<i>Xanthocephalus xanthocephalus</i>	YHBL	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	0.07	0.07
Yellow-rumped Warbler*	<i>Dendroica coronata</i>	MYWA	M	--	--

¹ Residency status: SR = summer resident; R = year around resident; O = outside of normal range; M = migrant; 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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