



# 2010 Breeding Bird Survey Results for Homestead National Monument of America, Nebraska

Surveys conducted by Jesse M. Bolli, Gordan Grover, and Sarah E. Rehme

A Heartland Network Monitoring Report



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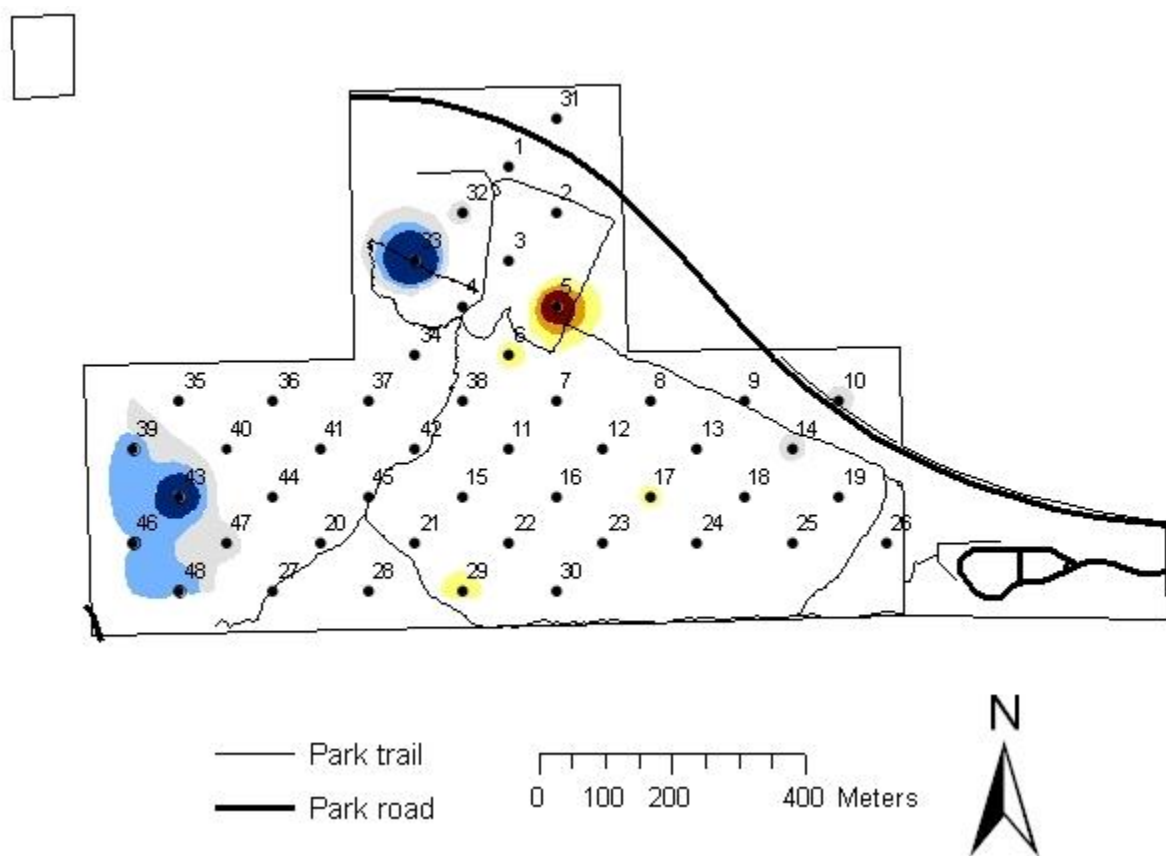


Figure 1. Areas of higher (red) and lower (blue) than expected breeding bird species richness for plots on Homestead National Monument of America, Nebraska in 2010.

Table 1. Number of individuals encountered per plot visit, and proportion of plots out of 47 occupied by breeding bird species at Homestead National Monument of America, Nebraska during the 2010 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 <sup>1</sup>	Individuals / plot visit	Proportion of plots occupied
American Crow	<i>Corvus brachyrhynchos</i>	AMCR	R	0.66	0.47
American Goldfinch	<i>Carduelis tristis</i>	AMGO	R	1.17	0.60
American Robin	<i>Turdus migratorius</i>	AMRO	SR	0.40	0.30
Baltimore Oriole	<i>Icterus galbula</i>	BAOR	SR	0.47	0.36
Barn Swallow	<i>Hirundo rustica</i>	BARS	SR	0.09	0.06
<b>Bell's Vireo</b>	<b><i>Vireo bellii</i></b>	<b>BEVI</b>	<b>SR</b>	<b>0.17</b>	<b>0.15</b>
Blue Jay	<i>Cyanocitta cristata</i>	BLJA	R	0.28	0.21
Blue-gray Gnatcatcher	<i>Poliophtila caerulea</i>	BGGN	SR	0.02	0.02
Brown-headed Cowbird	<i>Molothrus ater</i>	BHCO	SR	1.81	0.60
<b>Brown Thrasher</b>	<b><i>Toxostoma rufum</i></b>	<b>BRTH</b>	<b>R</b>	<b>0.15</b>	<b>0.13</b>
Canada Goose	<i>Branta canadensis</i>	CAGO	SR	0.04	0.04
Chipping Sparrow	<i>Spizella passerine</i>	CHSP	SR	0.02	0.02
Chimney Swift	<i>Chaetura pelagic</i>	CHSW	SR	0.04	0.02
Cooper's Hawk	<i>Accipiter cooperii</i>	COHA	R	0.02	0.02
Common Yellowthroat	<i>Geothlypis trichas</i>	COYE	SR	1.49	0.66
<b>Chestnut-sided Warbler</b>	<b><i>Dendroica pensylvanica</i></b>	<b>CSWA</b>	<b>M</b>	<b>--</b>	<b>--</b>
<b>Dickcissel</b>	<b><i>Spiza americana</i></b>	<b>DICK</b>	<b>SR</b>	<b>1.77</b>	<b>0.64</b>
Downy Woodpecker	<i>Picoides pubescens</i>	DOWO	R	0.04	0.04
Eastern Bluebird	<i>Sialia sialis</i>	EABL	R	0.09	0.04
Eastern Kingbird	<i>Tyrannus tyrannus</i>	EAKI	SR	0.13	0.06
Eastern Meadowlark	<i>Stumella magna</i>	EAME	SR	0.13	0.09
Eastern Phoebe	<i>Sayornis phoebe</i>	EAPH	SR	0.04	0.04
<b>Eastern Towhee</b>	<b><i>Pipilo erythrophthalmus</i></b>	<b>EATO</b>	<b>R</b>	<b>0.15</b>	<b>0.15</b>
Eastern Wood-pewee	<i>Contopus virens</i>	EAWP	SR	0.26	0.21
European Starling	<i>Sturnus vulgaris</i>	EUST	R	0.17	0.13
Field Sparrow	<i>Spizella pusilla</i>	FISP	R	0.47	0.38
Great Blue Heron	<i>Ardea Herodias</i>	GBHE	SR	0.04	0.04
Great Crested Flycatcher	<i>Myiarchus crinitus</i>	GCFL	SR	0.02	0.02
<b>Grasshopper Sparrow</b>	<b><i>Ammodramus savannarum</i></b>	<b>GRSP</b>	<b>SR</b>	<b>0.26</b>	<b>0.13</b>
Gray Catbird	<i>Dumetella carolinensis</i>	GRCA	SR	0.83	0.51
Hairy Woodpecker	<i>Picoides villosus</i>	HAWO	R	0.02	0.02
Hermit Thrush	<i>Catharus guttatus</i>	HETH	M	--	--
House Sparrow	<i>Passer domesticus</i>	HOSP	R	0.04	0.02
House Wren	<i>Troglodytes aedon</i>	HOWR	SR	1.38	0.55
<b>Indigo Bunting</b>	<b><i>Passerina cyanea</i></b>	<b>INBU</b>	<b>SR</b>	<b>0.04</b>	<b>0.04</b>
Killdeer	<i>Charadrius vociferous</i>	KILL	SR	0.02	0.02
Least Flycatcher	<i>Empidonax minimus</i>	LEFL	M	--	--
Mourning Dove	<i>Zenaida macroura</i>	MODO	R	0.70	0.47
Northern Bobwhite	<i>Colinus virginianus</i>	NOBO	R	0.17	0.13
Northern Cardinal	<i>Cardinalis cardinalis</i>	NOCA	R	0.21	0.17
Northern Rough-winged Swallow	<i>Stelgidopteryx serripennis</i>	NRWS	SR	0.06	0.04
Orchard Oriole	<i>Icterus spurius</i>	OROR	SR	0.04	0.04
<b>Red-bellied Woodpecker</b>	<b><i>Melanerpes carolinus</i></b>	<b>RBWO</b>	<b>R</b>	<b>0.49</b>	<b>0.45</b>
Red-eyed Vireo	<i>Vireo olivaceus</i>	REVI	SR	0.04	0.04
<b>Red-headed Woodpecker</b>	<b><i>Melanerpes</i></b>	<b>RHWO</b>	<b>R</b>	<b>0.11</b>	<b>0.09</b>
Ring-necked Pheasant	<i>Phasianus colchicus</i>	RPHE	R	1.04	0.72

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Common name	Species name	AOU code	Residency <sup>1</sup>	Individuals / plot visit	Proportion of plots occupied
Red-winged Blackbird	<i>Agelaius phoeniceus</i>	RWBL	R	1.19	0.60
Rose-breasted Grosbeak	<i>Pheucticus ludovicianus</i>	RBGR	SR	0.47	0.38
Song Sparrow	<i>Melospiza melodia</i>	SOSP	R	0.49	0.40
Swainson's Thrush	<i>Catharus ustulatus</i>	SWTH	M	--	--
<b>Tennessee Warbler</b>	<b><i>Vermivora peregrine</i></b>	<b>TEWA</b>	<b>M</b>	--	--
Turkey Vulture	<i>Cathartes aura</i>	TUVU	SR	0.02	0.02
Warbling Vireo	<i>Vireo gilvus</i>	WAVI	SR	0.23	0.19
White-breasted Nuthatch	<i>Sitta carolinensis</i>	WBNU	R	0.13	0.13
Wild Turkey	<i>Meleagris gallopavo</i>	WITU	R	0.09	0.06
Wood Duck	<i>Aix sponsa</i>	WODU	O	--	--
Yellow-billed Cuckoo	<i>Coccyzus americanus</i>	YBCU	SR	0.02	0.02
Northern (Yellow-shafted) Flicker	<i>Colaptes auratus</i>	YSFL	R	0.13	0.11
Yellow Warbler	<i>Dendroica petechia</i>	YWAR	SR	0.55	0.47

<sup>1</sup> Residency status: SR = summer resident; R = year around resident; M = late season migrant; O = outside of normal range (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.

Species names are valid and verified names obtained from ITIS. (Integrated Taxonomic Information System. Accessed in 2010, <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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