



2011 Breeding Bird Survey Results for Homestead National Monument of America, Nebraska

Surveys conducted by Jesse M. Bolli, Kellie L. DeJong, and Shin-Ping C. Lao

A Heartland Network Monitoring Report



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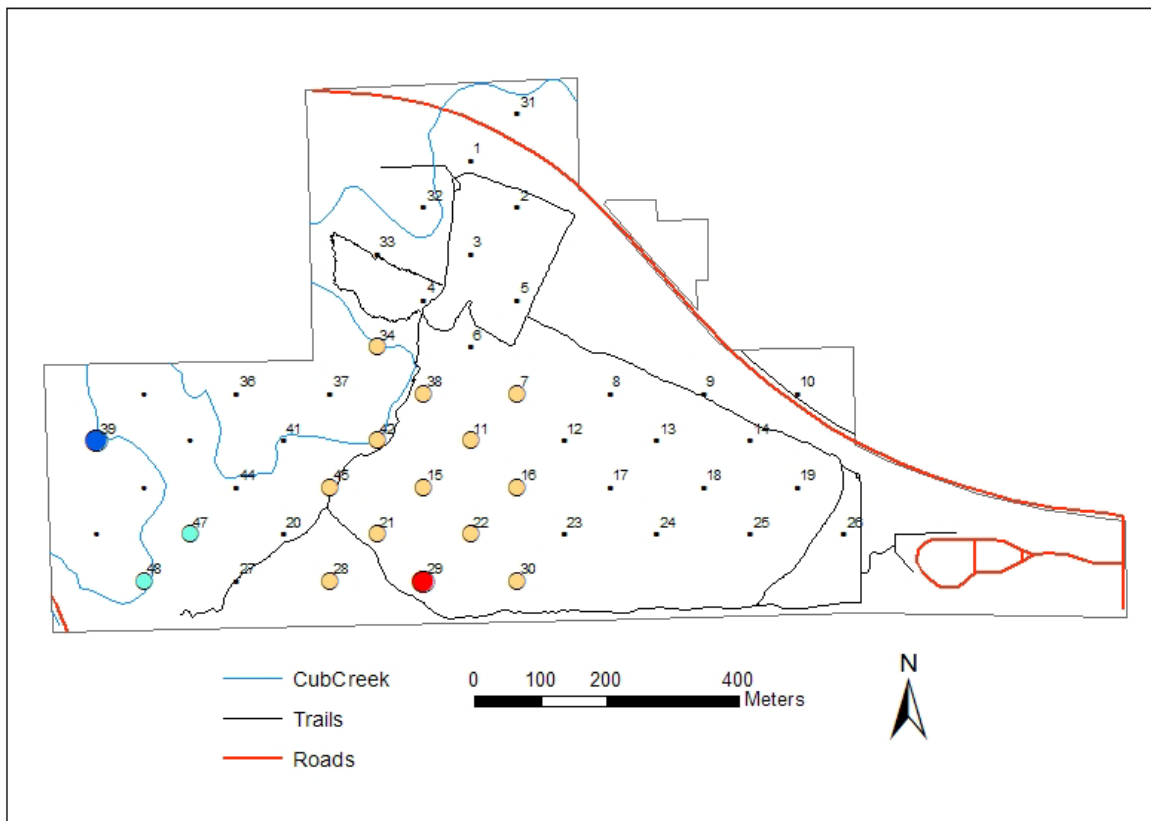


Figure 1. Areas of higher {gold (high) $\Rightarrow$ red (higher)} and lower {light blue (low) $\Rightarrow$ dark blue (lower)} than expected breeding bird species richness for plots on Homestead National Monument of America, Nebraska in 2011.

Table 1. Number of individuals encountered per plot visit, and proportion of plots out of 44 occupied by breeding bird species at Homestead National Monument of America, Nebraska 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 Crow	<i>Corvus brachyrhynchos</i>	AMCR	R	0.41	0.25
American Goldfinch	<i>Carduelis tristis</i>	AMGO	R	1.14	0.45
American Robin	<i>Turdus migratorius</i>	AMRO	SR	0.39	0.27
Baltimore Oriole	<i>Icterus galbula</i>	BAOR	SR	0.36	0.27
Barn Swallow	<i>Hirundo rustica</i>	BARS	SR	0.09	0.07
Barred Owl	<i>Strix varia</i>	BDOW	R	0.02	0.02
Bell's Vireo	<i>Vireo bellii</i>	BEVI	SR	0.02	0.02
Blue Jay	<i>Cyanocitta cristata</i>	BLJA	R	0.16	0.16
Brown-headed Cowbird	<i>Molothrus ater</i>	BHCO	SR	0.59	0.30
Brown Thrasher	<i>Toxostoma rufum</i>	BRTH	R	0.16	0.14
Canada Goose*	<i>Branta canadensis</i>	CAGO	SR	--	--
Chipping Sparrow	<i>Spizella passerine</i>	CHSP	SR	0.02	0.02
Common Grackle*	<i>Quiscalus quiscula</i>	COGR	R	--	--
Cooper's Hawk	<i>Accipiter cooperii</i>	COHA	R	0.03	0.02
Common Yellowthroat	<i>Geothlypis trichas</i>	COYE	SR	0.34	0.32
Dickcissel	<i>Spiza americana</i>	DICK	SR	2.02	0.75
Eastern Bluebird	<i>Sialia sialis</i>	EABL	R	0.02	0.02
Eastern Kingbird	<i>Tyrannus tyrannus</i>	EAKI	SR	0.07	0.05
Eastern Meadowlark	<i>Sturnella magna</i>	EAME	SR	0.02	0.02
Eastern Phoebe	<i>Sayornis phoebe</i>	EAPH	SR	0.05	0.05
Eastern Towhee	<i>Pipilo erythrophthalmus</i>	EATO	R	0.18	0.16
Eastern Wood-pewee	<i>Contopus virens</i>	EAWP	SR	0.16	0.14
European Starling	<i>Sturnus vulgaris</i>	EUST	R	0.11	0.07
Field Sparrow	<i>Spizella pusilla</i>	FISP	R	0.03	0.02
Great Blue Heron	<i>Ardea Herodias</i>	GBHE	SR	0.07	0.02
Gray Catbird	<i>Dumetella carolinensis</i>	GRCA	SR	0.32	0.27
House Wren	<i>Troglodytes aedon</i>	HOWR	SR	0.73	0.34
Indigo Bunting	<i>Passerina cyanea</i>	INBU	SR	0.03	0.02
Killdeer	<i>Charadrius vociferous</i>	KILL	SR	0.03	0.02
Lark Sparrow	<i>Chondestes grammacus</i>	LASP	SR	0.05	0.02
Mourning Dove	<i>Zenaida macroura</i>	MODO	R	0.39	0.27
Northern Bobwhite	<i>Colinus virginianus</i>	NOBO	R	0.20	0.18
Northern Cardinal	<i>Cardinalis cardinalis</i>	NOCA	R	0.11	0.11
Orchard Oriole	<i>Icterus spurius</i>	OROR	SR	0.02	0.02
Red-bellied Woodpecker	<i>Melanerpes carolinus</i>	RBWO	R	0.30	0.27
Red-headed Woodpecker	<i>Melanerpes</i>	RHWO	R	0.11	0.09
Red-tailed Hawk	<i>Buteo jamaicensis</i>	RTHA	R	0.05	0.05
Red-winged Blackbird	<i>Agelaius phoeniceus</i>	RWBL	R	1.14	0.48
Ring-necked Pheasant	<i>Phasianus colchicus</i>	RPHE	R	1.07	0.82
Rose-breasted Grosbeak	<i>Pheucticus ludovicianus</i>	RBGR	SR	0.09	0.09
Savannah Sparrow	<i>Passerculus sandwichensis</i>	SAVS	SR	0.03	0.02
Song Sparrow	<i>Melospiza melodia</i>	SOSP	R	0.07	0.07
Turkey Vulture	<i>Cathartes aura</i>	TUVU	SR	0.03	0.02
Warbling Vireo	<i>Vireo gilvus</i>	WAVI	SR	0.05	0.05
White-breasted Nuthatch	<i>Sitta carolinensis</i>	WBNU	R	0.14	0.14

Table 1. Number of individuals encountered per plot visit, and proportion of plots out of 44 occupied by breeding bird

species at Homestead National Monument of America, Nebraska 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 (continued).

Common name	Species name	AOU code	Residency ¹	Individuals / plot visit	Proportion of plots occupied
Wild Turkey	<i>Meleagris gallopavo</i>	WITU	R	0.20	0.07
Wood Duck	<i>Aix sponsa</i>	WODU	SR	0.02	0.02
Yellow-billed Cuckoo	<i>Coccyzus americanus</i>	YBCU	SR	0.05	0.05
Northern (Yellow-shafted) Flicker	<i>Colaptes auratus</i>	YSFL	R	0.02	0.02
Yellow Warbler	<i>Dendroica petechia</i>	YWAR	SR	0.05	0.02

¹ Residency status: SR = summer resident; R = year around 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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