



2012 Breeding Bird Survey Results for Homestead National Monument of America, Nebraska

Surveys conducted by Jesse M. Bolli, Kelly A. Manktelow, and Chelsea N. Schrage

A Heartland Network Monitoring Report



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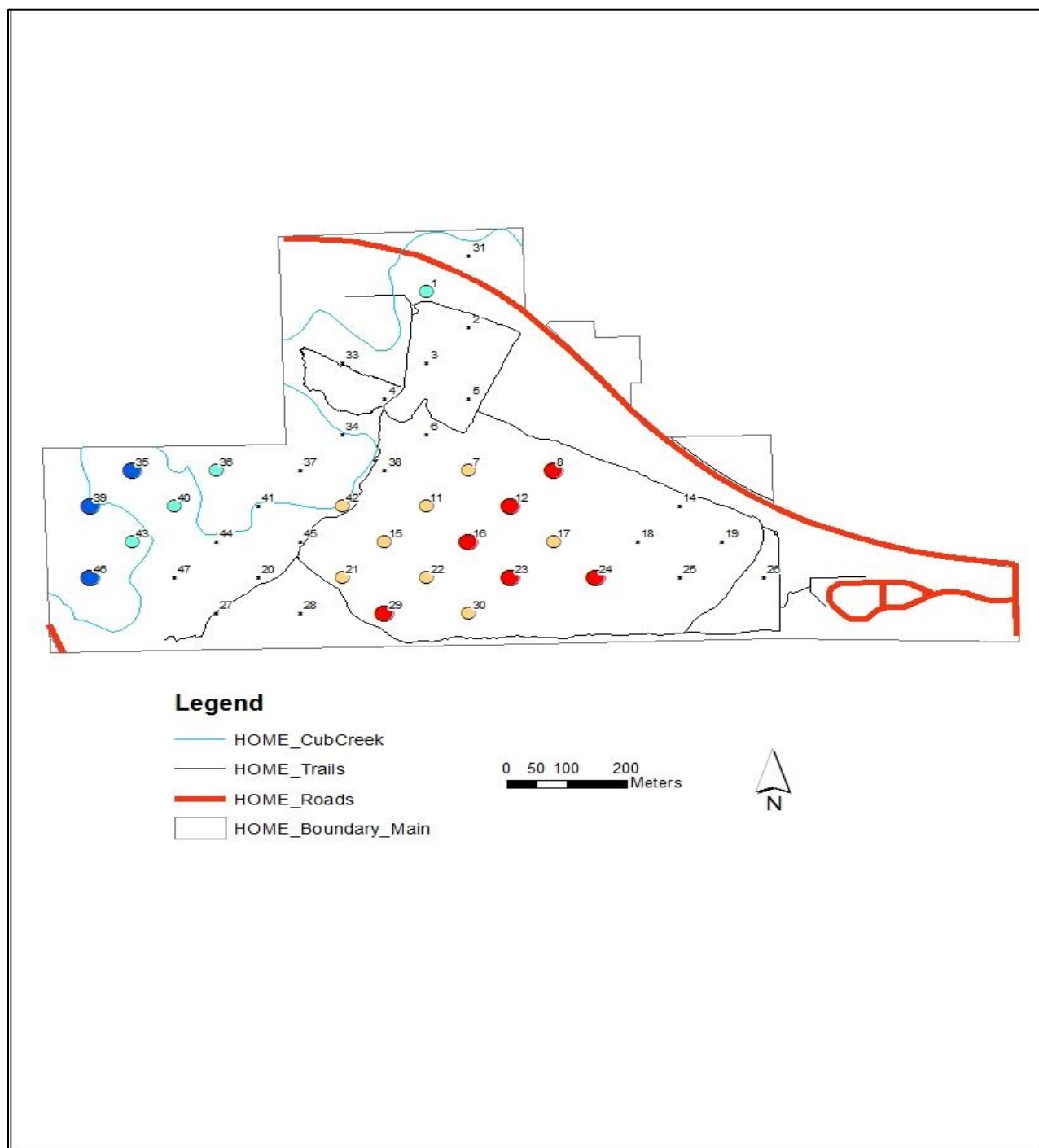


Figure 1. Areas of higher {gold (high) $\square$ red (higher)} and lower {light blue (low) $\square$ dark blue (lower)} than expected breeding bird species richness for plots on Homestead National Monument of America, Nebraska in 2012.

Table 1. Number of individuals encountered per plot visit, and proportion of plots out of 43 occupied by breeding bird species at Homestead National Monument of America, Nebraska 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
American Crow	<i>Corvus brachyrhynchos</i>	AMCR	R	0.88	0.47
American Goldfinch	<i>Carduelis tristis</i>	AMGO	R	0.95	0.42
American Robin	<i>Turdus migratorius</i>	AMRO	R	0.47	0.37
Baltimore Oriole	<i>Icterus galbula</i>	BAOR	SR	0.14	0.09
Barn Swallow	<i>Hirundo rustica</i>	BARS	SR	0.16	0.14
Blue Jay	<i>Cyanocitta cristata</i>	BLJA	R	0.35	0.23
Brown Creeper	<i>Certhia americana</i>	BRCR	R	0.02	0.02
Brown-headed Cowbird	<i>Molothrus ater</i>	BHCO	R	0.63	0.26
Brown Thrasher	<i>Toxostoma rufum</i>	BRTH	SR	0.09	0.09
Chipping Sparrow	<i>Spizella passerine</i>	CHSP	SR	0.02	0.02
Common Yellowthroat	<i>Geothlypis trichas</i>	COYE	SR	0.53	0.44
Dickcissel	<i>Spiza americana</i>	DICK	SR	1.58	0.67
Eastern Kingbird	<i>Tyrannus tyrannus</i>	EAKI	SR	0.16	0.12
Eastern Meadowlark	<i>Sturnella magna</i>	EAME	SR	0.07	0.05
Eastern Phoebe	<i>Sayornis phoebe</i>	EAPH	SR	0.09	0.09
Eastern Towhee	<i>Pipilo erythrophthalmus</i>	EATO	SR	0.33	0.21
Eastern Wood-pewee	<i>Contopus virens</i>	EAWP	SR	0.23	0.19
Field Sparrow	<i>Spizella pusilla</i>	FISP	SR	0.37	0.23
Great Blue Heron	<i>Ardea Herodias</i>	GBHE	R	0.02	0.02
Great Crested Flycatcher	<i>Myiarchus crinitus</i>	GCFL	SR	0.02	0.02
Grasshopper Sparrow	<i>Ammodramus savannarum</i>	GRSP	SR	0.05	0.05
Gray Catbird	<i>Dumetella carolinensis</i>	GRCA	SR	0.58	0.49
House Wren	<i>Troglodytes aedon</i>	HOWR	SR	1.33	0.42
Indigo Bunting	<i>Passerina cyanea</i>	INBU	SR	0.05	0.05
Killdeer*	<i>Charadrius vociferous</i>	KILL	SR	--	--
Mourning Dove	<i>Zenaida macroura</i>	MODO	R	0.33	0.28
Northern Bobwhite	<i>Colinus virginianus</i>	NOBO	R	0.63	0.53
Northern Cardinal	<i>Cardinalis cardinalis</i>	NOCA	R	0.30	0.26
Northern Flicker	<i>Colaptes auratus</i>	YSFL	R	0.07	0.07
Northern Rough-winged Swallow	<i>Stelgidopteryx serripennis</i>	NRWS	SR	0.02	0.02
Orchard Oriole*	<i>Icterus spurius</i>	OROR	SR	--	--
Red-bellied Woodpecker	<i>Melanerpes carolinus</i>	RBWO	R	0.44	0.28
Red-eyed Vireo	<i>Vireo olivaceus</i>	REVI	SR	0.02	0.02
Red-headed Woodpecker	<i>Melanerpes erythrocephalus</i>	RHWO	R	0.02	0.02
Red-winged Blackbird	<i>Agelaius phoeniceus</i>	RWBL	R	1.67	0.56
Ring-necked Pheasant	<i>Phasianus colchicus</i>	RPHE	R	0.56	0.42
Rose-breasted Grosbeak	<i>Pheucticus ludovicianus</i>	RBGR	SR	0.21	0.19
Ruby-throated Hummingbird	<i>Archilochus colubris</i>	RTHU	SR	0.02	0.02
Song Sparrow	<i>Melospiza melodia</i>	SOSP	R	0.05	0.05
Spotted Towhee	<i>Pipilo maculatus</i>	SPTO	SR	0.05	0.05
Turkey Vulture	<i>Cathartes aura</i>	TUVU	SR	0.02	0.02
Warbling Vireo	<i>Vireo gilvus</i>	WAVI	SR	0.07	0.07
White-breasted Nuthatch	<i>Sitta carolinensis</i>	WBNU	R	0.14	0.12
Wild Turkey*	<i>Meleagris gallopavo</i>	WITU	R	--	--
Wood Duck	<i>Aix sponsa</i>	WODU	SR	0.02	0.02
Yellow-throated Vireo*	<i>Vireo flavifrons</i>	YTVI	SR	--	--

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Common name	Species name	AOU code	Residency ¹	Individuals / plot visit	Proportion of plots occupied
Yellow Warbler	<i>Dendroica petechia</i>	YWAR	SR	0.07	0.07

¹ Residency status: R = year around resident; SR = summer resident (Sharpe, R.S., W.R. Silcock, and J.G. Jorgensen. 2001. Birds of Nebraska: their distribution and temporal occurrence. University of Nebraska Press, Lincoln, Nebraska. 520pp). 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).

This document was prepared by:

David G. Peitz

National Park Service
Heartland Inventory and Monitoring Network
Wilson's Creek National Battlefield
6424 West Farm Road 182,
Republic, MO 65738