



2010 Breeding Bird Survey Results for Herbert Hoover National Historic Site, Iowa

Surveys conducted by Jim Fuller and Ken Lowder

A Heartland Network Monitoring Report



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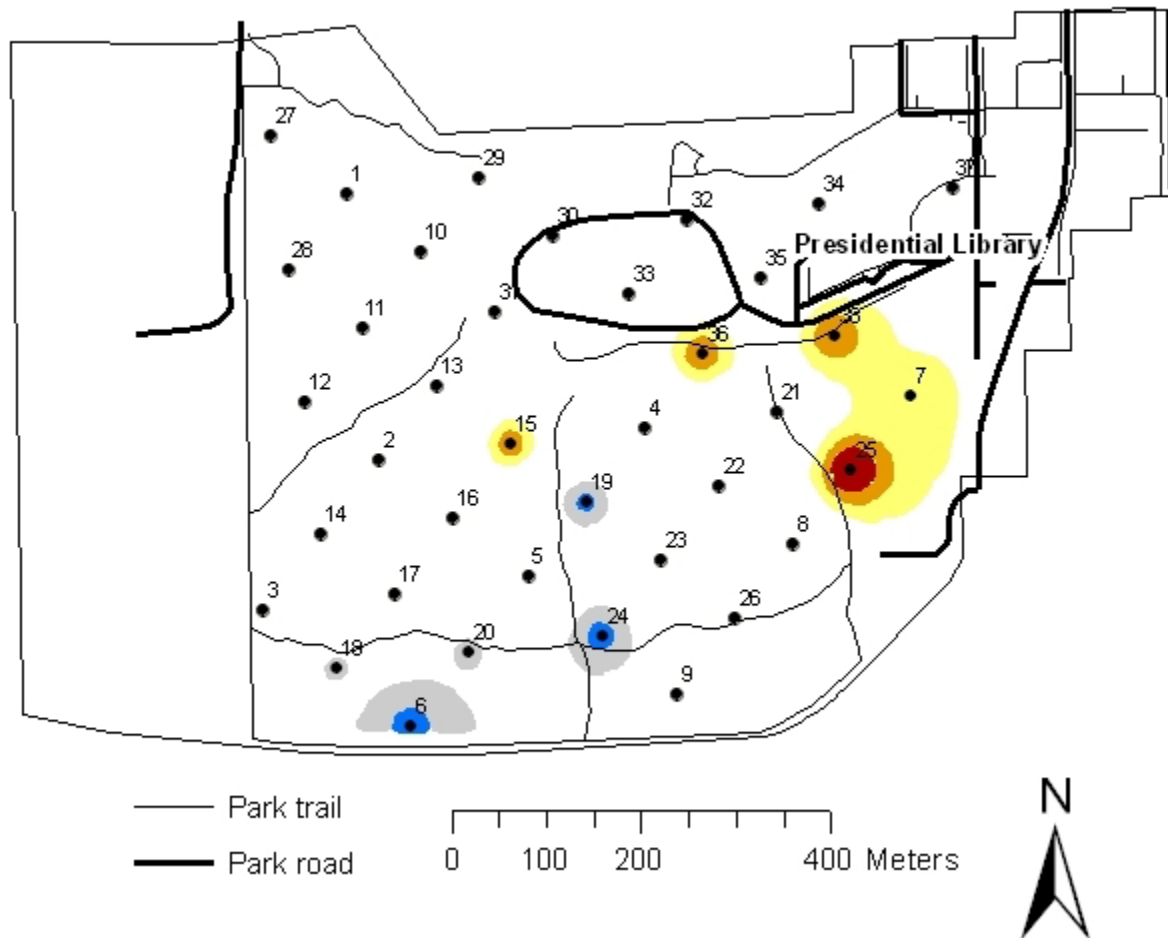


Figure 1. Areas of higher (red) and lower (blue) than expected breeding bird species richness for plots on Herbert Hoover National Historic Site, Iowa in 2010.

Table 1. Number of individuals encountered per plot visit, and proportion of plots out of 38 occupied by breeding bird species at Herbert Hoover National Historic Site, Iowa 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 ¹	Individuals / plot visit	Proportion of plots occupied
American Crow	<i>Corvus brachyrhynchos</i>	AMCR	R	0.34	0.21
American Goldfinch	<i>Carduelis tristis</i>	AMGO	R	1.92	0.61
American Robin	<i>Turdus migratorius</i>	AMRO	SR	3.00	0.89
Baltimore Oriole	<i>Icterus galbula</i>	BAOR	SR	0.13	0.13
Barn Swallow	<i>Hirundo rustica</i>	BARS	SR	0.45	0.29
Black-capped Chickadee	<i>Poecile atricapillus</i>	BCCH	R	0.03	0.03
Barred Owl	<i>Strix varia</i>	BDOW	R	0.05	0.03
Blue Jay	<i>Cyanocitta cristata</i>	BLJA	R	0.29	0.13
Brown-headed Cowbird	<i>Molothrus ater</i>	BHCO	R	0.18	0.08
Brown Thrasher	<i>Toxostoma rufum</i>	BRTH	R	0.21	0.18
Chipping Sparrow	<i>Spizella passerina</i>	CHSP	SR	0.37	0.21
Chimney Swift	<i>Chaetura pelagic</i>	CHSW	SR	0.11	0.08
Common Grackle	<i>Quiscalus quiscula</i>	COGR	R	2.82	0.79
Common Nighthawk	<i>Chordeiles minor</i>	CONI	SR	0.03	0.03
Common Yellowthroat	<i>Geothlypis trichas</i>	COYE	SR	1.26	0.74
Dickcissel	<i>Spiza americana</i>	DICK	SR	1.39	0.53
Downy Woodpecker	<i>Picoides pubescens</i>	DOWO	R	0.03	0.03
Eastern Kingbird	<i>Tyrannus tyrannus</i>	EAKI	SR	0.11	0.05
Eastern Meadowlark	<i>Sturnella magna</i>	EAME	R	1.42	0.68
Eastern Wood-pewee	<i>Contopus virens</i>	EAWP	SR	0.11	0.08
European Starling	<i>Sturnus vulgaris</i>	EUST	R	0.32	0.16
Field Sparrow	<i>Spizella pusilla</i>	FISP	SR	0.08	0.08
Great Blue Heron	<i>Ardea Herodias</i>	GBHE	SR	0.03	0.03
Gray Catbird	<i>Dumetella carolinensis</i>	GRCA	SR	0.13	0.08
Grasshopper sparrow	<i>Ammodramus savannarum</i>	GRSP	SR	0.05	0.05
House Sparrow	<i>Passer domesticus</i>	HOSP	R	0.08	0.08
House Wren	<i>Troglodytes aedon</i>	HOWR	SR	0.11	0.08
Indigo Bunting	<i>Passerina cyanea</i>	INBU	SR	0.34	0.24
Mallard	<i>Anas platyrhynchos</i>	MALL	R	0.03	0.03
Mourning Dove	<i>Zenaida macroura</i>	MODO	R	1.21	0.42
Northern Cardinal	<i>Cardinalis cardinalis</i>	NOCA	R	0.58	0.37
Red-bellied Woodpecker	<i>Melanerpes carolinus</i>	RBWO	R	0.03	0.03
Red-winged Blackbird	<i>Agelaius phoeniceus</i>	RWBL	R	4.05	0.97
Song Sparrow	<i>Melospiza melodia</i>	SOSP	R	0.32	0.21
Tennessee Warbler	<i>Vermivora peregrina</i>	TEWA	M	--	--
Warbling Vireo	<i>Vireo gilvus</i>	WAVI	SR	0.11	0.11
Yellow-throated Vireo	<i>Vireo flavifrons</i>	YTVI	SR	0.13	0.13

¹ Residency status: SR = summer resident; R = year around resident; M = late season migrant (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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