



2010 Breeding Bird Survey Results for Arkansas Post National Memorial, Arkansas

Surveys conducted by Jason A. Allely, Sarah T. Allely, Jason B. McCallie, and Kirby N. McCallie

A Heartland Network Monitoring Report



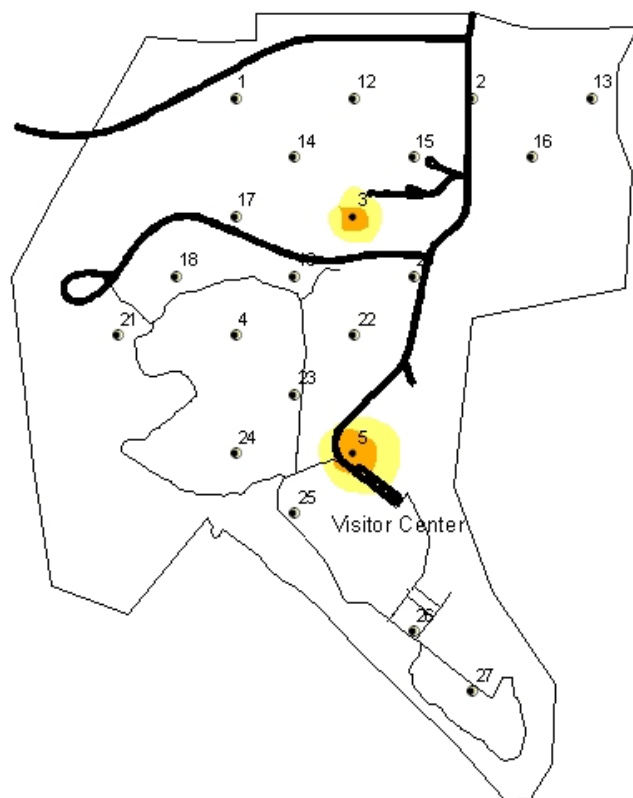
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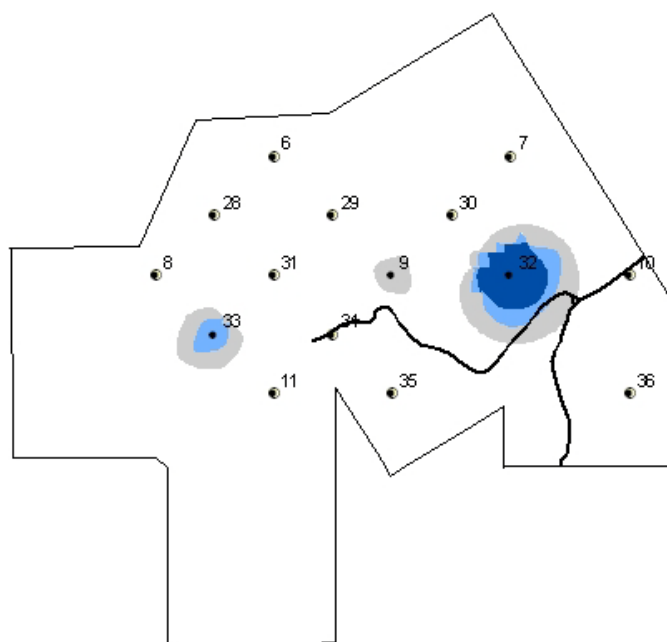
Heartland
Network

Natural Resource Monitoring

Memorial



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— Park road
— Park trail

0 100 200 400 Meters



Figure 1. Areas of higher (red) and lower (blue) than expected breeding bird species richness for plots on Arkansas Post National Memorial, Arkansas in 2010.

Table 1. Number of individuals encountered per plot visit, and proportion of plots out of 36 occupied by breeding bird species at Arkansas Post National Memorial, Arkansas 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	0.17	0.11
Baltimore Oriole	<i>Icterus galbula</i>	BAOR	SR	0.06	0.06
Blue Jay	<i>Cyanocitta cristata</i>	BLJA	R	0.06	0.06
Blue-gray Gnatcatcher	<i>Poliophtila caerulea</i>	BGGN	SR	0.17	0.08
Brown-headed Cowbird	<i>Molothrus ater</i>	BHCO	R	0.39	0.22
Brown Thrasher	<i>Toxostoma rufum</i>	BRTH	R	0.06	0.06
Canada Goose	<i>Branta canadensis</i>	CAGO	WR	--	--
Carolina Wren	<i>Thryothorus ludovicianus</i>	CARW	R	0.03	0.03
Chipping Sparrow	<i>Spizella passerina</i>	CHSP	R	0.25	0.14
Common Grackle	<i>Quiscalus quiscula</i>	COGR	R	0.64	0.14
Common Yellowthroat	<i>Geothlypis trichas</i>	COYE	SR	0.06	0.06
Dickcissel	<i>Spiza americana</i>	DICK	SR	0.11	0.06
(Eastern) Tufted Titmouse	<i>Baeolophus bicolor</i>	ETTI	R	0.08	0.06
European Starling	<i>Sturnus vulgaris</i>	EUST	R	0.03	0.03
Great Blue Heron	<i>Ardea herodias</i>	GBHE	R	0.06	0.06
Great Egret	<i>Ardea alba</i>	GREG	SR	0.19	0.17
Indigo Bunting	<i>Passerina cyanea</i>	INBU	SR	0.36	0.28
Loggerhead Shrike	<i>Lanius ludovicianus</i>	LOSH	R	0.03	0.03
Mississippi Kite	<i>Ictinia mississippiensis</i>	MIKI	SR	0.03	0.03
Mourning Dove	<i>Zenaidura macroura</i>	MODO	R	0.14	0.11
Northern Cardinal	<i>Cardinalis cardinalis</i>	NOCA	R	0.31	0.17
Northern Mockingbird	<i>Mimus polyglottos</i>	NOMO	R	0.08	0.08
Pileated Woodpecker	<i>Dryocopus pileatus</i>	PIWO	R	0.03	0.03
Red-bellied Woodpecker	<i>Melanerpes carolinus</i>	RBWO	R	0.17	0.11
Red-tailed Hawk	<i>Buteo jamaicensis</i>	RTHA	R	0.03	0.03
Red-winged Blackbird	<i>Agelaius phoeniceus</i>	RWBL	R	1.00	0.31
Ruby-throated Hummingbird	<i>Archilochus colubris</i>	RTHU	SR	0.17	0.14
Song Sparrow	<i>Melospiza melodia</i>	SOSP	WR	--	--
Summer Tanager	<i>Piranga rubra</i>	SUTA	SR	0.03	0.03
Wood Duck	<i>Aix sponsa</i>	WODU	R	0.11	0.06

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

This document was prepared by:

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