



2012 Breeding Bird Survey Results for Arkansas Post National Memorial, Arkansas

Surveys conducted by Sarh T. Allely, Kirby N. McCallie, and Cecilia N. Kolesar

A Heartland Network Monitoring Report



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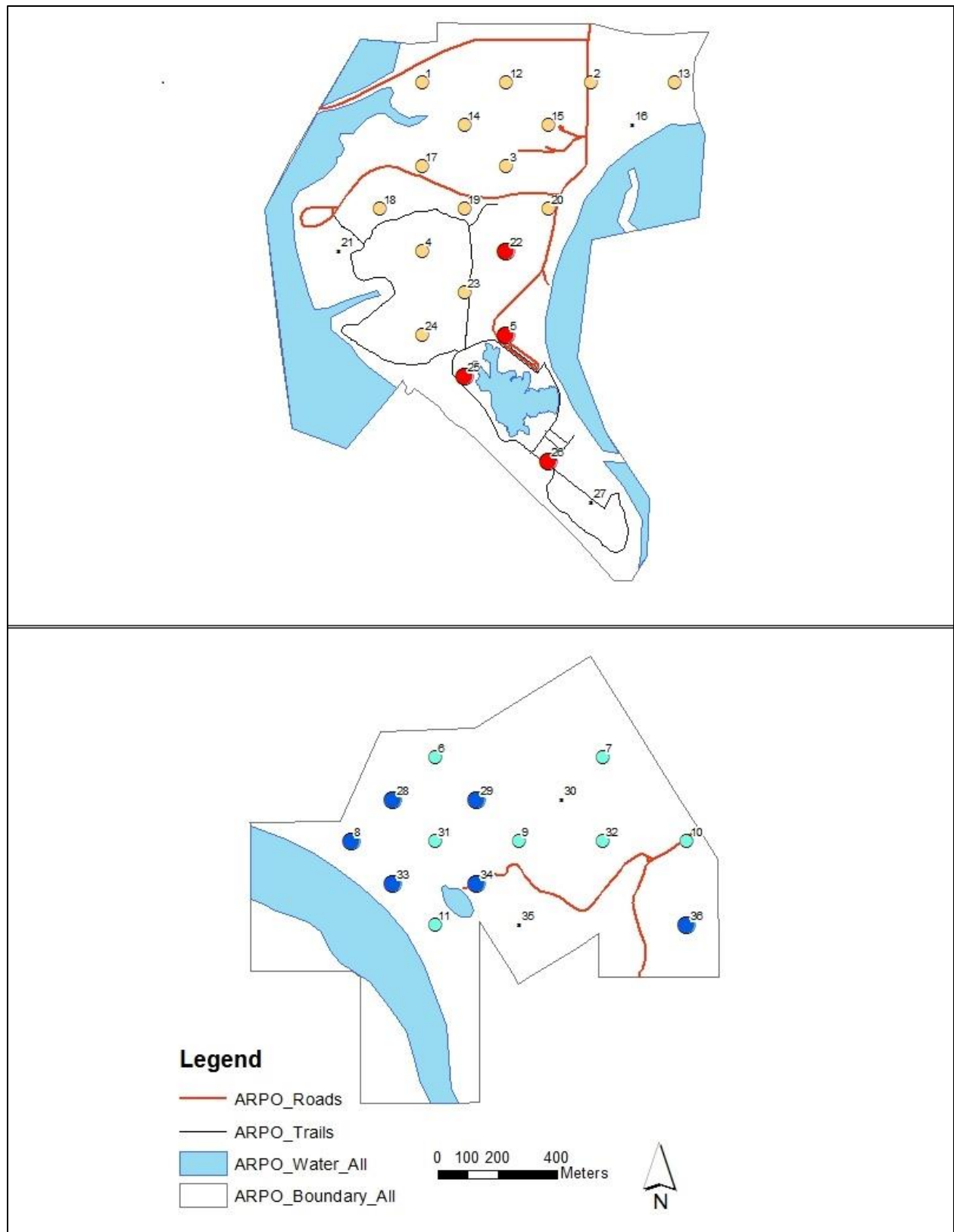


Figure 1. Areas of higher {gold (high) $\square$ red (higher)} and lower {light blue (low) $\square$ dark blue (lower)} than expected breeding bird species richness for plots on Arkansas Post National Memorial, Arkansas in 2012.

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 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
Acadian Flycatcher	<i>Empidonax virescens</i>	ACFL	SR	0.11	0.11
American Crow	<i>Corvus brachyrhynchos</i>	AMCR	R	0.22	0.17
American Kestrel	<i>Falco sparverius</i>	AMKE	R	0.03	0.03
Baltimore Oriole	<i>Icterus galbula</i>	BAOR	SR	0.03	0.03
Barred Owl	<i>Strix varia</i>	BDOW	R	0.03	0.03
Blue Jay	<i>Cyanocitta cristata</i>	BLJA	R	0.17	0.14
Blue-gray Gnatcatcher	<i>Poliophtila caerulea</i>	BGGN	SR	0.25	0.22
Brown-headed Cowbird	<i>Molothrus ater</i>	BHCO	R	0.31	0.19
Brown Thrasher	<i>Toxostoma rufum</i>	BRTH	R	0.03	0.03
Canada Goose	<i>Branta canadensis</i>	CAGO	RF	0.11	0.11
Carolina Chickadee	<i>Poecile carolinensis</i>	CACH	R	0.17	0.17
Carolina Wren	<i>Thryothorus ludovicianus</i>	CARW	R	0.17	0.14
Common Grackle	<i>Quiscalus quiscula</i>	COGR	R	0.03	0.03
Common Moorhen	<i>Gallinula chloropus</i>	COMO	SR	0.17	0.11
Double-crested Cormorant	<i>Phalacrocorax auritus</i>	DCCO	M	--	--
Downy Woodpecker	<i>Picoides pubescens</i>	DOWO	R	0.06	0.06
Eastern Kingbird	<i>Tyrannus tyrannus</i>	EAKI	SR	0.03	0.03
Eastern Phoebe	<i>Sayornis phoebe</i>	EAPH	R	0.03	0.03
Eastern Wood-pewee	<i>Contopus virens</i>	EAWP	SR	0.53	0.42
(Eastern) Tufted Titmouse	<i>Baeolophus bicolor</i>	ETTI	R	0.08	0.08
Fish Crow	<i>Corvus ossifragus</i>	FICR	R	0.03	0.03
Great Egret	<i>Ardea alba</i>	GREG	SR	0.75	0.36
Green Heron*	<i>Butorides virescens</i>	GRHE	SR	--	--
House Sparrow	<i>Passer domesticus</i>	HOSP	R	0.03	0.03
Indigo Bunting	<i>Passerina cyanea</i>	INBU	SR	0.33	0.19
Mourning Dove	<i>Zenaida macroura</i>	MODO	R	0.69	0.56
Nashville Warbler	<i>Vermivora ruficapilla</i>	NAWA	T	--	--
Northern Cardinal	<i>Cardinalis cardinalis</i>	NOCA	R	0.86	0.64
Northern Mockingbird	<i>Mimus polyglottos</i>	NOMO	R	0.17	0.14
Orchard Oriole	<i>Icterus spurius</i>	OROR	SR	0.08	0.08
Pileated Woodpecker	<i>Dryocopus pileatus</i>	PIWO	R	0.36	0.31
Prothonotary Warbler	<i>Protonotaria citrea</i>	PROW	SR	0.14	0.14
Purple Gallinule	<i>Porphyrio martinica</i>	PUGA	SR	0.03	0.03
Red-bellied Woodpecker	<i>Melanerpes carolinus</i>	RBWO	R	0.03	0.03
Red-shouldered Hawk	<i>Buteo lineatus</i>	RSHA	R	0.03	0.03
Red-winged Blackbird	<i>Agelaius phoeniceus</i>	RWBL	R	0.19	0.11
Ruby-crowned Kinglet	<i>Regulus calendula</i>	RCKI	M	--	--
Ruby-throated Hummingbird	<i>Archilochus colubris</i>	RTHU	SR	0.39	0.28
Summer Tanager	<i>Piranga rubra</i>	SUTA	SR	0.14	0.14
Wild Turkey	<i>Meleagris gallopavo</i>	WITU	R	0.03	0.03
Wood Duck	<i>Aix sponsa</i>	WODU	R	0.08	0.06
Yellow-billed Cuckoo	<i>Coccyzus americanus</i>	YBCU	SR	0.06	0.06

¹ Residency status: M = late season migrant; R = year around resident; RF = resident flock; SR = summer resident; T = transient (James, D.A. and J.C. Neal. 1986. Arkansas Birds – Their Distribution and Abundance. The University of Arkansas Press, Fayetteville, Arkansas. 402 pp). Permanent and summer resident birds and resident flock 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).

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