



2012 Breeding Bird Survey Results for Effigy Mounds National Monument, Iowa

Surveys conducted by Jon W. Stravers

A Heartland Network Monitoring Report



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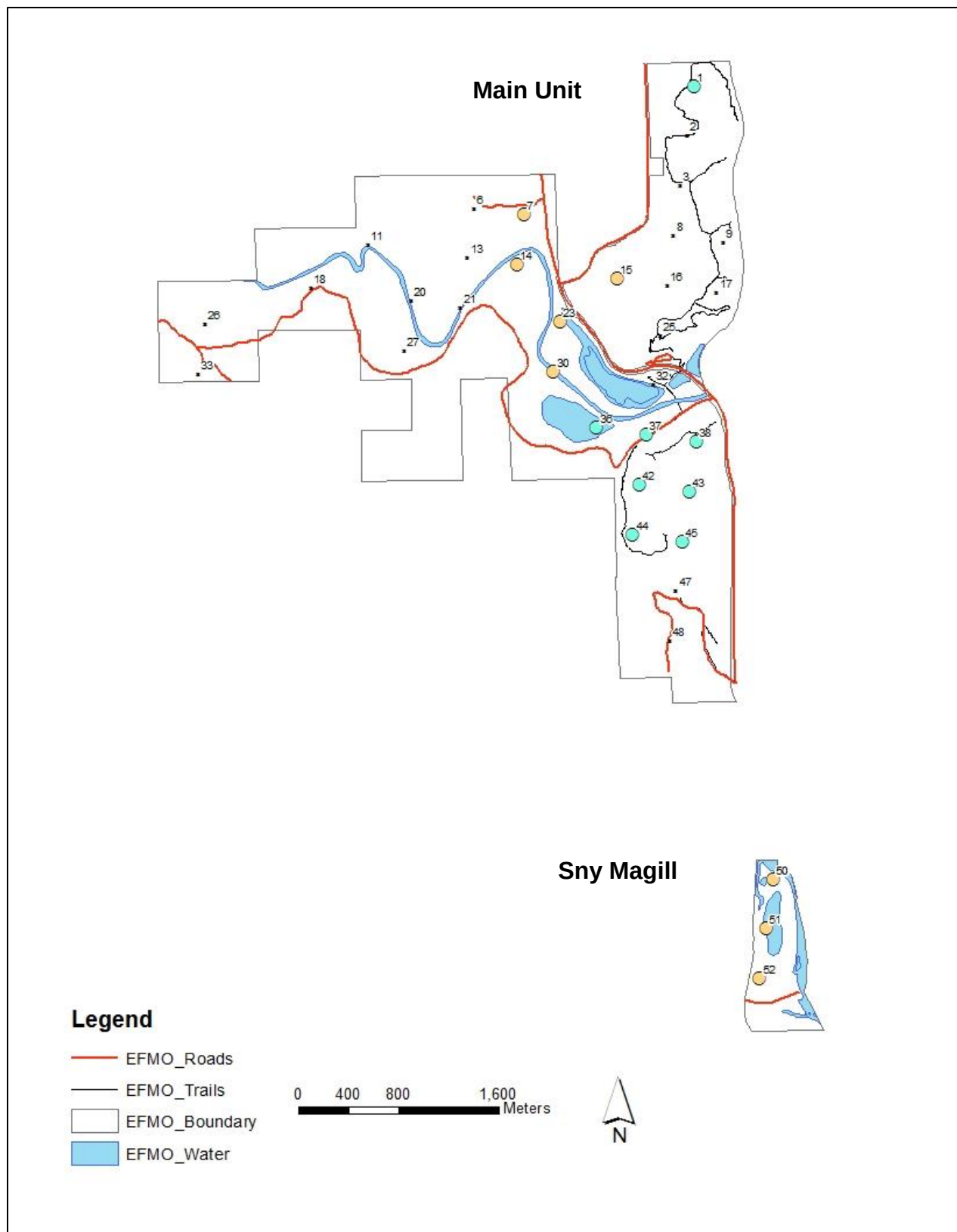


Figure 1. Areas of higher {gold (high) $\Rightarrow$ red (higher)} and lower {light blue (low) $\Rightarrow$ dark blue (lower)} than expected breeding bird species richness for plots on Effigy Mounds National Monument, Iowa in 2012.

Table 1. Number of individuals encountered per plot visit, and proportion of plots out of 35 occupied by breeding bird species at Effigy Mounds National Monument, Iowa 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	0.20	0.20
American Crow	<i>Corvus brachyrhynchos</i>	AMCR	R	0.26	0.23
American Goldfinch	<i>Carduelis tristis</i>	AMGO	R	0.37	0.34
American Redstart	<i>Setophaga ruticilla</i>	AMRF	SR	1.34	0.83
American Robin	<i>Turdus migratorius</i>	AMRO	SR	0.83	0.63
Bald Eagle	<i>Haliaeetus leucocephalus</i>	BAEA	R	0.06	0.06
Baltimore Oriole	<i>Icterus galbula</i>	BAOR	SR	1.06	0.63
Barn Swallow*	<i>Hirundo rustica</i>	BARS	SR	--	--
Belted Kingfisher*	<i>Megasceryle alcyon</i>	BEKI	SR	--	--
Black-capped Chickadee	<i>Poecile atricapillus</i>	BCCH	R	0.06	0.06
Blue Jay	<i>Cyanocitta cristata</i>	BLJA	R	0.31	0.31
Blue-gray Gnatcatcher	<i>Poliophtila caerulea</i>	BGGN	SR	0.71	0.51
Blue-winged Warbler	<i>Vermivora pinus</i>	BWWA	SR	0.03	0.03
Brown Creeper*	<i>Certhia americana</i>	BRCR	R	--	--
Brown-headed Cowbird	<i>Molothrus ater</i>	BHCO	SR	0.17	0.17
Cerulean Warbler	<i>Dendroica cerulean</i>	CERW	SR	0.03	0.03
Cliff Swallow	<i>Petrochelidon pyrrhonota</i>	CLSW	SR	0.14	0.03
Common Grackle	<i>Quiscalus quiscula</i>	COGR	SR	0.09	0.09
Common Yellowthroat	<i>Geothlypis trichas</i>	COYE	SR	0.77	0.49
Downy Woodpecker	<i>Picoides pubescens</i>	DOWO	R	0.23	0.23
Eastern Bluebird	<i>Sialia sialia</i>	EABL	SR	0.03	0.03
Eastern Wood-pewee	<i>Contopus virens</i>	EAWP	SR	1.06	0.74
Eastern Towhee	<i>Pipilo erythrophthalmus</i>	EATO	R	0.09	0.09
(Eastern) Tufted Titmouse	<i>Baeolophus bicolor</i>	ETTI	R	0.03	0.03
Field Sparrow	<i>Spizella pusilla</i>	FISP	SR	0.06	0.06
Great Blue Heron*	<i>Ardea herodias</i>	GBHE	SR	--	--
Great Crested Flycatcher	<i>Myiarchus crinitus</i>	GCFL	SR	0.06	0.06
Gray Catbird	<i>Dumetella carolinensis</i>	GRCA	SR	0.11	0.11
Hairy Woodpecker	<i>Picoides villosus</i>	HAWO	R	0.06	0.06
House Wren	<i>Troglodytes aedon</i>	HOWR	SR	0.34	0.26
Indigo Bunting	<i>Passerina cyanea</i>	INBU	SR	0.26	0.26
Least Flycatcher	<i>Empidonax minimus</i>	LEFL	SR	0.11	0.11
Mourning Dove	<i>Zenaidura macroura</i>	MODO	SR	0.03	0.03
Northern Cardinal	<i>Cardinalis cardinalis</i>	NOCA	R	0.23	0.23
Northern (Yellow-shafted) Flicker*	<i>Colaptes auratus</i>	YSFL	R	--	--
Ovenbird	<i>Seiurus aurocapilla</i>	OVEN	SR	0.20	0.17
Pileated Woodpecker	<i>Dryocopus pileatus</i>	PIWO	R	0.20	0.17
Prothonotary Warbler	<i>Protonotaria citrea</i>	PROW	SR	0.26	0.17
Red-bellied Woodpecker	<i>Melanerpes carolinus</i>	RBWO	R	0.66	0.63
Red-eyed Vireo	<i>Vireo olivaceus</i>	REVI	SR	0.71	0.63
Red-shouldered Hawk*	<i>Buteo lineatus</i>	RSHA	R	--	--
Red-winged Blackbird	<i>Agelaius phoeniceus</i>	RWBL	R	0.49	0.26
Rose-breasted Grosbeak	<i>Pheucticus ludovicianus</i>	RBGR	SR	0.66	0.54
Ruby-throated Hummingbird*	<i>Archilochus colubris</i>	RTHU	SR	--	--
Scarlet Tanager	<i>Piranga olivacea</i>	SCTA	SR	0.14	0.14
Song Sparrow	<i>Melospiza melodia</i>	SOSP	R	0.31	0.23
Tree Swallow	<i>Tachycineta bicolor</i>	TRES	SR	0.11	0.06

Table 1. Number of individuals encountered per plot visit, and proportion of plots out of 35 occupied by breeding bird species at Effigy Mounds National Monument, Iowa 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 (continued).

Common name	Species name	AOU code	Residency ¹	Individuals / plot visit	Proportion of plots occupied
Turkey Vulture*	<i>Cathartes aura</i>	TUVU	SR	--	--
Veery	<i>Catharus fuscescens</i>	VEER	SR	0.03	0.03
Warbling Vireo	<i>Vireo gilvus</i>	WAVI	SR	0.26	0.20
White-breasted Nuthatch	<i>Sitta carolinensis</i>	WBNU	R	0.40	0.37
White-eyed Vireo	<i>Vireo griseus</i>	WEVI	SR	0.03	0.03
Willow Flycatcher	<i>Empidonax traillii</i>	WIFL	SR	0.06	0.06
Wild Turkey*	<i>Meleagris gallopavo</i>	WITU	R	--	--
Wood Duck	<i>Aix sponsa</i>	WODU	SR	0.06	0.03
Wood Thrush	<i>Hylocichla mustelina</i>	WOTH	SR	0.35	0.29
Worm-eating Warbler	<i>Helmitheros vermivorum</i>	WEWA	SR	0.03	0.03
Yellow-billed Cuckoo	<i>Coccyzus americanus</i>	YBCU	SR	0.23	0.23
Yellow-bellied Sapsucker	<i>Sphyrapicus varius</i>	YBSA	SR	0.23	0.20
Yellow-throated Vireo	<i>Vireo flavifrons</i>	YTVI	SR	0.31	0.29
Yellow Warbler	<i>Dendroica petechia</i>	YWAR	SR	0.29	0.26

¹ Residency status: R = year around resident; SR = summer resident (Spess Jackson, L., C.A. Thompson, and J.J. Dinsmore. 1996. The Iowa Breeding Bird Atlas. University of Iowa Press, Iowa City. 484 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 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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