

Habitat and Abundance of Lakeshore Nature Preserve Breeding Birds in 2013 and 2014

With Comparisons to the 2000-2002 Breeding Bird Study

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Rare breeding birds: one to two pairs

	Nest Status	Status	Status	No pairs		Habitat
	(Highest)	(other)		2013-	2000-	
	2013-14	2013-14	2000-02	2014	2002	
Green Heron	Probable (2014)	Po (2013)	C (2), Pr (1)	1	2	trees by marsh
Brown Thrasher	Probable (2)		Confirmed (3)	1	6	brush near edges
Prothonotary Warbler	Confirmed (2)		Pr (1)	1	1	holes in trees
Broad-winged Hawk	Confirmed (2013)	Pr (2014)	Pr (2)	1 to 2	1	mature forest
Sandhill Crane	Confirmed (2014)	Pr (2013)	Pr (2)	1 to 2	1	marsh
Yellow-throated Vireo	Confirmed (2014)	NP (2013)	C(1), Pr(1), Po(1)	1 to 2	1 to 2	mature forest (oak)
Blue-winged Teal	Confirmed (2014)	Po (2013)	Confirmed (3)	2	2 to 3	marsh
Virginia Rail	Probable (2013)	Po (2014)	C (2), Pr (1)	2	3 to 4	marsh
Barred Owl	Confirmed (2014)	Pr (2013)	Po (1)	2	1	forest, usually holes in trees

Uncommon breeding birds: two to five pairs

	Nest Status	Status	Status	No pairs		Habitat
	2013-14	(other)	2000-02	2014	2002	
	Red-tailed Hawk	Confirmed (2)		Confirmed (3)	2 to 3	
Sora Rail	Probable (2)		C (2), Pr (1)	2 to 3	13	marsh
Spotted Sandpiper	Probable (2014)	Po (2013)	C(1), Pr(1), Po(1)	2 to 3	2 to 3	marsh, lake edge
Belted Kingfisher	Probable (2)		C (2), Pr (1)	2 to 3	2	lake banks
Great Horned Owl	Probable (2)		Confirmed (3)	3	2	evergreens, near edge
Yellow-billed Cuckoo	Probable (2)		Pr (2)	3	4	forest
Ruby-throated Hummingbird	Probable (2)		C (1), Pr (2)	3	4+	forest (edge)
Bank Swallow	Confirmed (2014)	Pr (2013)	Pr (2)	3	1 to 3	holes in lake banks or gravel piles
American Redstart	Probable (2)		C (2), Pr (1)	3	12	forest, near water
Killdeer	Confirmed (2)		Confirmed (3)	4	4	ground, dirt, gravel
Scarlet Tanager	Probable (2)		Pr (1), Po(2)	4	8 to 10	mature forest (oak)
Northern Flicker	Probable (2)		Confirmed (3)	4 to 5	14	holes in trees

Fairly common breeding birds: five to ten pairs

	Nest Status	Status	Status	No pairs		Habitat
	2013-14	(other)	2000-02	2014	2002	
	Chimney Swift	Confirmed (2)		Confirmed (3)	5	
Canada Goose	Confirmed (2)		Confirmed (3)	6	5+	marsh edge, ground
Willow Flycatcher	Probable (2)		Confirmed (3)	6	14	dense willow thickets by marsh
Marsh Wren	Probable (2)		C (2), Pr (1)	6	20	marsh
Rose-breasted Grosbeak	Confirmed (2)		Pr (1), Po (1)	7	1	forest
Cooper's Hawk	Confirmed (2)		Confirmed (3)	7	3 to 4	evergreens, requires forest
Eastern Phoebe	Confirmed (2)		Confirmed (3)	7	9	artificial structures
Wood Duck	Confirmed (2)		Confirmed (3)	8	8+	holes in trees
Swamp Sparrow	Confirmed (2014)	Pr (2013)	C (2), Pr (1)	9	3+	marsh
European Starling	Confirmed (2)		Confirmed (3)	9	9	holes in trees, houses
Blue-gray Gnatcatcher	Confirmed (2)		Confirmed (3)	9	10	forest
Eastern Kingbird	Confirmed (2)		Confirmed (3)	9	13	mature trees, often edge of water
Eastern Bluebird	Confirmed (2)		C (2), Pr (1)	10	4	house in gardens
Tufted Titmouse	Confirmed (2)		Confirmed (3)	10	10	holes in trees

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Common breeding birds: ten to twenty pairs

	Nest Status	Status	Status	No pairs		Habitat
	(Highest)	(other)		2013-	2000-	
	2013-14	2013-14	2000-02	2014	2002	
Hairy Woodpecker	Confirmed (2)		Confirmed (3)	11	12	holes in trees
House Finch	Confirmed (2013)	Pr (2014)	Confirmed (3)	13	26	generalist
Chipping Sparrow	Confirmed (2)		Confirmed (3)	15	16	evergreens, edge
Yellow Warbler	Confirmed (2)		Confirmed (3)	17	13	trees next to marsh or lake
N Rough-winged Swallow	Confirmed (2014)	Pr (2013)	Confirmed (3)	18	13+	lake banks
American Crow	Confirmed (2)		Confirmed (3)	18	30+	generalist
House Sparrow	Confirmed (2)		Confirmed (3)	19	15	house in gardens, holes in trees
Brown-headed Cowbird	Confirmed (2)		C (2), Pr (1)	19	18	generalist
Barn Swallow	Confirmed (2)		Confirmed (3)	20	18+	manmade structures
Great Crested Flycatcher	Confirmed (2)		Confirmed (3)	20	26	holes in trees

Very common breeding birds: more than twenty pairs

	Nest Status	Status	Status	No pairs		Habitat
	2013-14	(other)	2000-02	2014	2002	
	Cedar Waxwing	Confirmed (2)		Confirmed (3)	22	
Mourning Dove	Probable (2)		C (2), Pr (1)	24	18	evergreens, also edges
Blue Jay	Confirmed (2014)	Pr (2013)	Confirmed (3)	24	46	generalist
Common Grackle	Confirmed (2)		Confirmed (3)	25	21+	generalist
Downy Woodpecker	Confirmed (2014)	Pr (2013)	Confirmed (3)	26	32	holes in trees
Eastern Wood Pewee	Confirmed (2014)	Pr (2013)	Confirmed (3)	29	34	mature trees, forest (oak)
Mallard	Confirmed (2)		Confirmed (3)	30	19 to 36	marsh or lake edge, fields
Common Yellowthroat	Confirmed (2)		C (1), Pr(2)	33	19	marsh edge or fields
White-breasted Nuthatch	Confirmed (2)		C (2), Pr (1)	34	18	holes in trees
Tree Swallow	Confirmed (2)		Confirmed (3)	34	30	holes in trees, houses
Cliff Swallow	Confirmed (2)		Not Present	34		manmade structures
Warbling Vireo	Confirmed (2)		Confirmed (3)	36	22	mature trees, edge of water
Indigo Bunting	Confirmed (2)		Confirmed (3)	36	25	brush, forest edge
Red-bellied Woodpecker	Confirmed (2014)	Pr (2013)	Confirmed (3)	37	28	holes in trees
Red-eyed Vireo	Confirmed (2)		Confirmed (3)	39	54	mature trees, forest
Black-capped Chickadee	Confirmed (2)		Confirmed (3)	41	56	holes in trees, houses
American Goldfinch	Confirmed (2)		Confirmed (3)	45	36+	old fields (thistle)
House Wren	Confirmed (2)		Confirmed (3)	56	39	holes in trees, houses
Gray Catbird	Confirmed (2)		Confirmed (3)	64	68	brush, edges
Baltimore Oriole	Confirmed (2)		Confirmed (3)	68	56	mature trees, usually edges
Song Sparrow	Confirmed (2)		Confirmed (3)	68	73	marsh, marsh edge, fields
Northern Cardinal	Confirmed (2)		Confirmed (3)	73	86	generalist
American Robin	Confirmed (2)		Confirmed (3)	78	36	generalist
Red-winged Blackbird	Confirmed (2)		Confirmed (3)	96	132	marsh, marsh edge, fields

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Possible breeding birds

	Nest Status	Status	Status	No pairs		Habitat
	(Highest)	(other)		2013-	2000-	
	2013-14	2013-14	2000-02	2014	2002	
Black-billed Cuckoo	Possible (2)			1	1	forest
Ovenbird	Possible (2013)		Pr (2)	1	1	forest floor
Cerulean Warbler	Possible (2014)		Po (1)	1	1	mature forest, often near water
Eastern Screech Owl	Possible (2014)		C(1), Pr(1), Po(1)	1	1 to 4	holes in trees
Wood Thrush	Possible (2014)		C (1), Pr (1)	1	3	forest

Birds Previously Breeding (Confirmed or Probable in 2000-02), but not Present in 2013-14

	Nest Status	Status	Status	No pairs		Habitat
	(Highest)	(other)		2013-	2000-	
	2013-14	2013-14	2000-02	2014	2002	
Mute Swan	Not present		C (2), Po (1)		1	marsh
Ruddy Duck	Not present		Pr (2)		1	marsh
Pine Siskin	Not present		C (1), Pr (1)		1	evergreens
Field Sparrow	Not present		C(1), Pr(1), Po(1)		1	brushy fields
Pied-billed Grebe	Not present		C (1), Po (1)		1 to 2	marsh
Purple Martin	Not present		C (1), Po (1)		1 to 2	house in garden
Chestnut-sided Warbler	Not present		C (1), Pr (1)		1 to 2	brush, second growth forest
Red-headed Woodpecker	Not present		C (1), Pr (2)		2	holes in trees
Savannah Sparrow	Not present		Pr (1), Po (2)		3+	grasslands
American Coot	Not present		Pr (2)		4	marsh
Least Flycatcher	Not present		Pr (2), Po (1)		4 to 5	forest (open, edge)

Abbreviations (breeding codes):

C = Confirmed	C (1) = Confirmed 1 year	Pr (1) = Probable 1 year	Po (1) = Possible 1 year
Pr = Probable	C (2) = Confirmed 2 years	Pr (2) = Probable 2 years	Po (2) = Possible 2 years
Po = Possible	C (3) = Confirmed 3 years	Pr (3) = Probable 3 years	Po (3) = Possible 3 years
NP = Not Present	C (year, ie 2014) = C 2014	Pr (year, ie 2014) = Pr 2014	Po (year, ie 2014) = Po 2014
"+" = more than			