



Fauna of the Jack Lake Watershed





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- January 2015 -

Preface

This compilation has been prepared to assemble and consolidate information on the fauna of Jack Lake and its watershed. Baseline information has been obtained from published books which delineate the distribution of various amphibians, birds, crustaceans, fishes, insects, mammals, molluscs, and reptiles. Additional information has been derived from the Jack Lake Strategic Plan, MNR records, the Ontario Herptofaunal Atlas, the Ontario breeding bird atlas, and reported observations by Jack Lake residents and members of the Peterborough Field Naturalists. I am also grateful to Drew Monkman and Bob Bowles for their assistance in providing additional information from their archives.

It is hoped that this information can be used to monitor the quality of the Jack Lake ecosystem and prevent harmful alteration or destruction of habitat by land-based activities such as shoreline development and logging.

Now that this baseline information is established, lake residents and visitors to Jack Lake are encouraged to report observations. It is my intent that this listing is a “living” document and I will strive to keep it updated as new information is provided to me.

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(last updated January, 2015)

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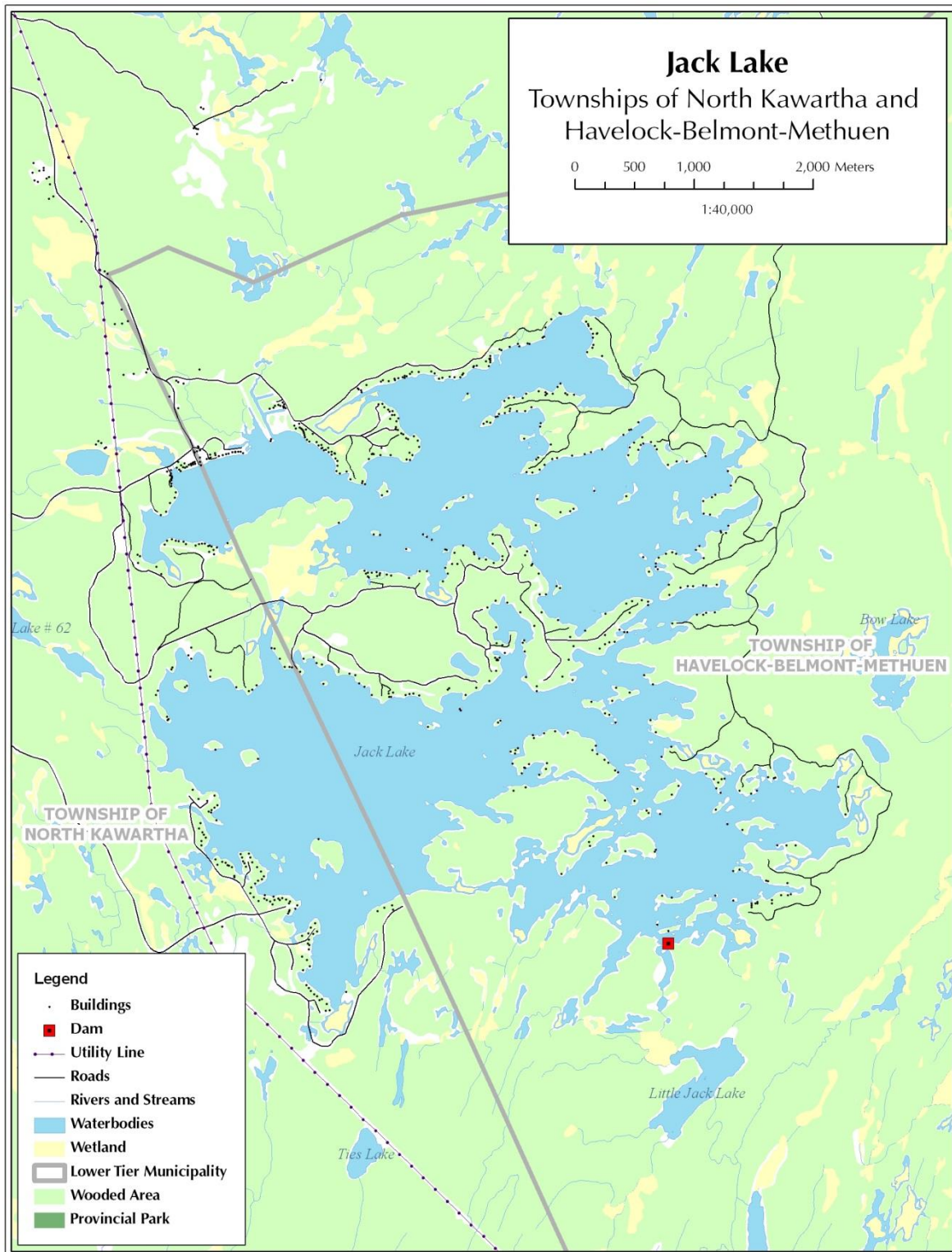
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Summary of Records

Efforts to record information and observations of the fauna in the Jack Lake watershed were initiated in 2013. Since that time, volunteers have reported 1,265 sightings involving a total of 413 species. Twenty-three species designated as Species at Risk have been identified in the Jack Lake area (Table 1).

Table 1. Observations of fauna from the Jack Lake watershed since 2013.

Fauna	# Species Documented (# Species at Risk)	# Records/Sitings
Amphibians	19 (0)	73
Birds	169 (14)	526
Crustaceans	5 (0)	5
Fish	20 (0)	60
Insects (Terrestrial)	109 (1)	313
Insects (Aquatic)	11 (0)	11
Mammals	46 (3)	156
Molluscs	5 (0)	6
Plankton	14 (0)	14
Reptiles	15 (5)	101
Summary	413 (23)	1,265

While the listing of some species (e.g., fishes and reptiles) may be relatively comprehensive, other groups (e.g., insects and molluscs) have not been adequately sampled and will require more intensive efforts in the future.

Amphibians

Species	Date Observed	Location	Source	Misc. Comments
American toad (<i>Bufo americanus</i>)	Historic	Lakewide	Conant (1975)	-
	Post 1983	Lakewide	Oldham and Weller (2000), JLK (2009), Bowles (2012)	-
	August 26, 2007	Cottage parking lot in Rathbun Bay	Steven Kerr	- Believed to be young-of-the- year.
	July 9, 2008	Rathbun Bay	Steven Kerr	- Small young-of-year toad.
	August 29, 2008	Rathbun Bay	Steven Kerr	- Large specimen
	July 8, 2009	Rathbun Bay	Steven Kerr	- Small specimen.
	June 5, 2010	Rathbun Bay	Steven Kerr	- Observed near water's edge.
	July-August, 2011	Brooks Bay (northwest corner)	Sheelagh Hysenaj	- Regular visitor on dock at night.
	July 1, 2012	Rathbun Bay	Steven Kerr	- Small young-of-year toad.
	May 18, 2013	Brooks Bay (northwest corner)	Sheelagh Hysenaj	- Heard calling at 10:00 pm.
	June 2, 2013	Rathbun Bay (north shore)	Steven Kerr	- Small specimen

observed at cottage.

	July 1, 2014	Rathbun Bay (north shore)	Steven Kerr	-
	October 3, 2014	Rathbun Bay (north shore)	Steven Kerr	-
Blue spotted salamander (<i>Ambystoma laterale</i>)	Historic	Lakewide	Conant (1975), Bowles (2012)	-
	October 7, 2007	Rathbun Bay	Steven Kerr	- Speciman observed near water's edge.
	May 23, 2010	Rathbun Bay	Steven Kerr	- Speciman found in moist debris.
	May 21, 2011	Brooks Bay	Sheelagh Hysenaj	- Speciman found behind cottage in leaf litter.
Bullfrog (<i>Rana catesbeiana</i>)	Historic	Lakewide	Conant (1975)	-
	Post 1983	Lakewide	Oldham and Weller (2000), JLA (2009)	-
	May 22, 2011	Brooks Bay (northwest corner)	Sheelagh Hysenaj	- Heard calling at night.
	July 18, 2014	McCoy Bay wetland	Amanda Smith	-
Eastern redbacked salamander (<i>Plethodon cinereus</i>)	Historic	Lakewide	Conant (1975), JLA (2009)	-
Four toed salamander (<i>Hemidactylum scutatum</i>)	Historic	Lakewide	Conant (1975), Oldham and Weller (2000)	-

Gray tree frog (<i>Hyla versicolor</i>)	Historic	Lakewide	Conant (1975)	-
	Post 1983	Lakewide	Oldham and Weller (2000), JLA (2009), Bowles (2012)	-
	May 17, 2008	Rathbun Bay	Steven Kerr	- Bright orange inside hind legs.
	July 24, 2011	Rathbun Bay	Steven Kerr	- Observed on deck of boathouse.
Green frog (<i>Rana clamitans melanota</i>)	Historic	Lakewide	Conant (1975)	-
	Post 1983	Lakewide	Oldham and Weller (2000), JLA (2009), Bowles (2012)	-
	September 1, 2007	Rathbun Bay	Steven Kerr	-
	July 8, 2008	Jack Lake outlet	Steven Kerr	-
	August, 2012	Rathbun Bay	Steven Kerr	- Large specimen.
	October 5, 2013	Callahan Bay wetland	Bob Bowles	-
Mink frog (<i>Rana septentrionalis</i>)	Historic	Lakewide	Conant (1975)	-
	Post 1982	Lakewide	Oldham and Weller (2000)	-
Mudpuppy	Historic	Lakewide	Conant (1975)	-

<i>(Necturus maculosus)</i>				
Northern leopard frog <i>(Rana pipiens)</i>	Historic	Lakewide	Conant (1975)	-
	Post 1983	Lakewide	Oldham and Weller (2000)	-
	September 1, 2007	Rathbun Bay	Steven Kerr	-
	April 26, 2011	Not recorded	Bob Bowles, Neill Lanz and Denyse Martial	-
	July 24, 2012	Rathbun Bay	Steven Kerr	- Speciman observed near water's edge.
	October 5, 2013	Callahan Bay wetland	Bob Bowles	-
	October 14, 2014	Forest Glen Marina	Neill Lanz and Steven Kerr	-
Northern redback salamander <i>(Plethodon cinereus)</i>	Historic	Lakewide	Conant (1975)	-
	Post 1983	Lakewide	Oldham and Weller (2000)	-
	April 26, 2011	Not recorded	Bob Bowles, Neill Lanz and Denyse Martial	-
Pickerel frog <i>(Rana palustris)</i>	Historic	Lakewide	Conant (1975)	-
	Post 1983	Lakewide	Oldham and Weller (2000)	-
<i>Red spotted newt</i>	Historic	Lakewide	Conant (1975)	-

<i>(Notophthalmus viridiscens)</i>	Post 1983	Lakewide	Oldham and Weller (2000)	-
Spotted salamander <i>(Ambystoma maculatum)</i>	Historic	Lakewide	Conant (1975)	-
	Post 1983	Lakewide	Oldham and Weller (2000), JLA (2009), Bowles (2012)	-
	April 26, 2011	Finger Bay	Bob Bowles, Neill Lanz and Denyse Martial	- Egg masses and adults were observed.
	April 27, 2011	Little Jack Lake trail	Bob Bowles, Neill Lanz, Denyse Martial and Ruth Pezzack	- Two dead specimens observed. They had been run over by ATVs in a vernal pool.
Spring peeper <i>(Pseudacris crucifer)</i>	Historic	Lakewide	Conant (1975)	-
	Post 1983	Lakewide	Oldham and Weller (2000), JLA (2009), Bowles (2012)	-
	Historic	McCoy Bay road	Sheelagh Hysenaj	- Heard many at night in small ponds during the spring.
	April 26-27, 2011	Finger Bay	Bob Bowles, Neill Lanz and Denyse Martial	- Approximately 100 peepers calling.
	May 22, 2011	Brooks Bay (northwest corner)	Sheelagh Hysenaj	-

	May 4-5, 2013	Brooks Bay (northwest corner)	Sheelagh Hysenaj	<ul style="list-style-type: none"> - More than twenty frogs heard calling at night. - Still calling on May 18.
	October 5, 2013	Callahan Bay wetland	Bob Bowles	-
Striped chorus frog (<i>Pseudacris triseriata</i>)	Historic	Lakewide	Conant (1975)	-
Two lined salamander (<i>Eurycea bislineata</i>)	Historic	Lakewide	Conant (1975)	-
Western chorus frog (<i>Pseudacris triseriata</i>)	Historic	Lakewide	Conant (1975)	-
	Post 1983	Lakewide	Oldham and Weller (2000)	-
	April 26-27, 2011	Not recorded	Bob Bowles, Neill Lanz and Denyse Martial	<ul style="list-style-type: none"> - Approximately 50 frogs calling.
Wood frog (<i>Rana sylvatica</i>)	Historic	Lakewide	Conant (1975)	-
	Post 1983	Lakewide	Oldham and Weller (2000), JLA (2009), Bowles (2012)	-
	April 26-27, 2011	Finger Bay	Bob Bowles, Neill Lanz and Denyse Martial	<ul style="list-style-type: none"> - Frogs were heard and seen. - Egg masses observed. - Approximately 20 frogs calling

May 4-5, 2013	Brooks Bay (northwest corner)	Sheelagh Hysenaj	- Several frogs heard calling at night. - Still calling on May 18.
October 5, 2013	Callahan Bay wetland	Bob Bowles	-

Birds

Species	Date Observed	Location	Source	Misc. Comments
Acadian flycatcher (<i>Empidonax virescens</i>)	Historic	Lakewide	Hysenaj (2009), JLA (2010)	- Designated as a Species at Risk (Endangered).
Alder flycatcher (<i>Empidonax traillii traillii</i>)	Historic	Lakewide	Peterson (1947), JLA (2010)	-
American bittern (<i>Botaurus lentiginosus</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010)	-
	July 6, 2010	Brooks Bay (southwest corner)	Sheelagh Hysenaj	- Saw the bird twice in the wetland next to the Court's cottage.
	May 4-5, 2013	Brooks Bay (northwest corner)	Sheelagh Hysenaj	- Bird was heard calling.
American crow (<i>Corvus brachyhynchos</i>)	Historic	Lakewide	Peterson (1947), JLA (2010), Ontario Breeding Bird Atlas	-
	January 4, 2009	Western portion of lake	2008-09 Christmas Bird Count	- Two birds were observed.
	April 26, 2011	Not recorded	Bob Bowles, Neill Lanz and Denyse Martial	-
	December 22, 2012	Unknown	Jones (2013)	- Eight birds observed

during the 2012-13
Petroglyphs
Christmas bird
count.

	January 2, 2012	West side of lake	2011-12 Christmas Bird Count	-	Five birds were observed.
	September 19, 2014	Sharpe Bay (southwest)	Steven Kerr	-	
	December 27, 2014	Area south of lake	Parker (2015)	-	Seven birds observed during the 2014-15 Petroglyphs Christmas bird count.
	Not recorded	East Bay (Kodak Island)	Hugh Spence	-	
American egret (<i>Casmerodius albus egretta</i>)	Not recorded	End of Redmond Bay	Sheelagh Hysenaj	-	
American goldfinch (<i>Carduelis tristis</i>)	Historic	Lakewide	JLA (2010)	-	
	January 4, 2009	Lakewide	2008-09 Christmas bird count,	-	A total of 123 birds were observed.
	December, 2010	Lakewide	2010-11 Christmas bird count	-	A total of 22 birds were observed.
	April 26, 2011	Not recorded	Bob Bowles, Neill Lanz and Denyse Martial	-	

	January 2, 2012	Lakewide	2011-12 Christmas bird count	- A total of 178 birds were observed.
	December 22, 2012	Area around the lake	Jones (2013)	- A total of 134 birds observed during the 2012-13 Petroglyphs Christmas bird count
	January 2, 2014	Area around the lake	2013-14 Christmas bird count	- 202 birds observed.
American kestrel (<i>Falco sparverius</i>)	Historic	Lakewide	Peterson (1947)	- Also known as a sparrow hawk.
American merganser (<i>Mergus merganser americanus</i>)	April 26, 2011	Not recorded	Bob Bowles, Neil Lanz and Denyse Martial	-
	August 9, 2014	Center Bay	Steven Kerr	- Female with 14-15 young-of-year.
	Not recorded	East Bay	Hugh Spence	-
American redstart (<i>Setophaga ruticilla</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010), Ontario Breeding Bird Atlas	-
American tree sparrow (<i>Spizella arborea</i>)	January 2, 2012	West side of lake	2011-12 Christmas bird count	- One bird observed.
	December 22, 2012	Area around the lake	Jones (2013)	- Twenty-three birds observed during the

				2012-13 Petroglyphs Christmas bird count.
	January 2, 2014	Area around the lake	2013-14 Christmas bird count	- Seventy-three birds observed.
American widgeon (<i>Anas americana</i>)	Historic	Lakewide	Bellrose (1976)	- Fall migration corridor.
Arctic loon (<i>Gavia artica pacifica</i>)	December, 1993	Sharpe's Bay	Irene Mann	- Approximately twenty birds observed.
Bald eagle (<i>Haliaeetus leucocephalus</i>)	Historic	Narrows and south end of lake.	Peterson (1947), Hysenaj (2009), JLA (2010)	- Designated as a Species at Risk (Endangered). - COSSARO priority for assessment.
	Winter, 1987	Jack Lake outlet and Little Jack falls.	Hysenaj (2009)	- Eight birds observed.
	November 3, 2007	Sharpe's Bay (Hurricane Point)	Don Perrin	- Sighting (with photo) appeared in the Apsley Voice.
	January 2, 2012	East side of lake	2011-12 Christmas Bird Count	- One bird observed.
	December 22, 2012	Area around the lake	Jones (2013)	- Ten eagles observed during the 2012-13 Petroglyphs Christmas bird count.

April 12, 2014	Little Jack Creek (inflow from Jack Lake)	Sheelagh Hysenaj	-	Eagle observed perched in tree above open water. - Eagles have been seen in the past at this site.
December 27, 2014	Area south of lake	Parker (2015)	-	Five eagles observed during the 2014-15 Petroglyphs Christmas bird count.

Baltimore oriole (<i>Icterus galbula</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010)	-
	Not recorded	East Bay (Kodak Island)	Hugh Spence	-
Bank swallow (<i>Riparia riparia riparia</i>)	Historic	Lakewide	Peterson (1947)	- Designated as a Species at Risk (Threatened)
Barn swallow (<i>Hirundo rustica erythrogaster</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010), Ontario Breeding Bird Atlas	-
	April 26, 2011	Not recorded	Bob Bowles, Neill Lanz and Denyse Martial	-
Barred owl (<i>Strix varia</i>)	Historic	Lakewide	Peterson (1947), JLA (2010)	-
	January 4, 2009	Eastern portion of lake.	2008-09 Christmas Bird Count	- One owl observed.

	December, 2010	West side of lake	2010-11 Christmas Bird Count	- One owl observed.
	May 22, 2011	Centre Bay (northeast shore)	Sheelagh Hysenaj	-
	June 17, 2011	Green gate at end of road 17T	Bob Bowles, Neill Lanz and Denyse Martial	- Male and female barred owls were calling each other.
	August, 2012	Brooks Bay (northwest corner)	Sheelagh Hysenaj	- Owl responded to human calls.
	December 27, 2014	Area south of lake	Parker (2015)	- Eleven birds observed during the 2014-15 Petroglyphs Christmas bird count.
Belted (eastern) kingfisher (<i>Megaceryle alcyon alcyon</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010)	-
	May 18, 2013	Jack Lake Road (near Sharpe's Bay)	Sheelagh Hysenaj	-
	Not recorded	East Bay (Kodak Island)	Hugh Spence	-
Black and white warbler (<i>Mniotilta varia</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010)	-
	August 6, 2013	Williams Bay	Shari Fulmer	- Photograph taken.
	Not recorded	East Bay (Kodak Island)	Hugh Spence	-
Black backed woodpecker	Historic	Center Bay	David Lean	-

<i>(Picoides arcticus)</i>				
	January 23, 2015	Jack Lake road bog (100-150 m east of CR 52)	Donald Sutherland	- Called constantly for an extended period of time.
Black billed cuckoo (<i>Coccyzus erythrophthalmus</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010)	-
Black capped chickadee (<i>Parus atricapillus</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010), Ontario Breeding Bird Atlas	-
	January 4, 2009	Lakewide	2008-09 Christmas Bird Count	- A total of 374 birds were observed.
	December, 2010	Lakewide	2010-2011 Christmas Bird Count	- A total of 514 birds were observed.
	April 26, 2011	Not recorded	Bob Bowles, Neill Lanz and Denyse Martial	-
	January 2, 2012	Lakewide	2011-12 Christmas Bird Count	- A total of 61 birds were observed.
	December 22, 2012	Area around the lake	Jones (2013)	- A total of 645 birds observed during the 2012-13 Petroglyphs Christmas birds count.
	July 30, 2013	Rathbun Bay	Steven Kerr	-

	August 6, 2013	Williams Bay	Shari Fulmer	-	Photograph taken.
	Summer, 2014	Sharpes Bay	Judy Kiffer	-	
	December 27, 2014	Area south of lake	Parker (2015)	-	A total of 1,144 birds observed during the 2014-15 Petroglyphs Christmas bird count.
	Not recorded	East Bay (Kodak Island)	Hugh Spence	-	
Black duck (<i>Anas rubripes</i>)	Historic	Lakewide	Peterson (1947), Bellrose (1976), JLA (2009, 2010), Ontario Breeding Bird Atlas	-	
	April 26, 2011	Not recorded	Bob Bowles, Neill Lanz and Denyse Martial	-	
	June 15, 2013	Brooks Bay	Sheelagh Hysenaj	-	One pair observed.
	Not recorded	East Bay	Hugh Spence	-	
Black backed woodpecker (<i>Picoides arcticus</i>)	January 2, 2014	Area south of lake	2013-14 Christmas bird count	-	Single bird observed.
	Not recorded	East Bay (Kodak Island)	Hugh Spence		
Blackburnian warbler (<i>Dendroica fusca</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010),	-	

			Ontario Breeding Bird Atlas	
Blackpoll warbler (<i>Setophaga striata</i>)	Not recorded	East Bay (Kodak Island)	Hugh Spence	-
Black tern (<i>Chlidonias nigra surinamensis</i>)	Historic	Lakewide	Peterson (1947)	-
Black throated blue warbler (<i>Dendroica coerulescens</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010)	-
Black throated green warbler (<i>Dendroica virens</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010)	-
	May 20, 2012	Fire Road 85	Bob Bowles	-
Blue headed vireo (<i>Vireo solitaries</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010)	-
Blue jay (<i>Cyanocitta cristata</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010), Ontario Breeding Bird Atlas	-
	January 4, 2009	Lakewide	2008-09 Christmas Bird Count	- A total of 113 birds observed.
	December, 2010	Lakewide	2010-11 Christmas Bird Count	- A total of 120 birds observed.
	April 26, 2011	Not recorded	Bob Bowles, Neill	-

			Lanz and Denyse Martial	
	January 2, 2012	Lakewide	2011-12 Christmas Bird Count	- A total of 12 birds were observed.
	December 22, 2012	Unknown	Jones (2013)	- Thirty-eight birds observed during the 2012-13 Petroglyphs Christmas bird count.
	July 7, 2013	Rathbun Bay (north shore)	Karen Burleigh-Kerr	- Five bluejays observed in a tree.
	January 2, 2014	Area south of lake	2013-14 Christmas bird count	- A total of 564 birds were observed.
	May 2, 2014	McCoy Road	Shari Fulmer	-
	July 25, 2014	Rathbun Bay (north shore)	Steven Kerr	-
	Summer, 2014	Sharpes Bay	Judy Kiffer	-
	December 27, 2014	Area south of lake	Parker (2015)	- A total of 456 birds observed during the 2014-15 Petroglyphs Christmas bird count.
	Not recorded	East Bay (Kodak Island)	Hugh Spence	-
Blue winged teal (<i>Anas discors</i>)	Historic	Lakewide	Peterson (1947), Bellrose (1976), JLA (2009, 2010)	-

Bohemian waxwing (<i>Bombycilla garrulus</i>)	January 2, 2012	Jack Lake area	Bigg (2012)	-	Forty birds observed in one flock during the 26 th Petroglyphs Christmas Bird Count.
Boreal chickadee (<i>Poecile hudsonicus</i>)	December 27, 2014	Area south of lake	Parker (2015)	-	One bird observed during the 2014-15 Petroglyphs Christmas bird count.
Broad winged hawk (<i>Buteo platypterus</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010), Ontario Breeding Bird Atlas	-	
	May 19, 2012	McCoy Bay	Ford (2013)	-	Nesting in a white pine tree.
Brown creeper (<i>Certhia familiaris</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010)	-	
	December, 2010	West side of lake	2010-11 Christmas Bird Count	-	Two birds were observed.
	January 2, 2012	East side of lake	2011-12 Christmas Bird Count	-	Only one bird observed.
	December 22, 2012	Area around the lake	Jones (2013)	-	Five birds observed during the 2012-13 Petroglyphs Christmas bird count.
	December 27, 2014	Area south of lake	Parker (2015)	-	Eight birds observed

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count.

Brown thrasher (<i>Toxostoma rufum</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010)	-	
Bufflehead (<i>Bucephala albeola</i>)	Historic	Lakewide	Bellrose (1976)	-	
	April 26, 2011	Not recorded	Bob Bowles, Neil Lanz and Denyse Martial	-	
	December 22, 2012	Area around the lake	Jones (2013)	-	Four birds observed during the 2012-13 Petroglyphs Christmas bird count.
	November 17, 2013	Williams Bay	Shari Fulmer	-	Photograph taken.
Canada goose (<i>Branta canadensis</i>)	Historic	Lakewide	Peterson (1947), Bellrose (1976), JLA (2010), Ontario Breeding Bird Atlas	-	
	June 7, 2008	Narrows	Steven Kerr	-	Pair of geese with 7 downy young.
	April 26, 2011	Not recorded	Bob Bowles, Neil Lanz and Denyse Martial	-	
	April 13, 2013	Brooks Bay (northwest corner)	Sheelagh Hysenaj	-	Two geese walking

on the ice.

	April 21, 2013	Narrows	Ashleigh Johnston	-	Pair of geese observed.
	May 4-5, 2013	Brooks Bay (northwest corner)	Sheelagh Hysenaj	-	Two geese also observed on May 18.
	October 2013	Williams Bay	Shari Fulmer	-	Photograph taken.
	January 2, 2014	Area south of lake	2013-14 Christmas Bird Count	-	Very cold day. Three birds observed.
	July 26, 2014	Sheeps Bay	Steven Kerr	-	One adult with several young-of-year.
	Summer, 2014	Sharpes Bay	Judy Kiffer	-	
	August 18, 2014	Center Bay	Steven Kerr	-	21 geese observed.
	October 12, 2014	Callahan Bay wetland	Steven Kerr	-	
Canada (Grey) Jay (<i>Perisoreus canadensis</i>)	December 27, 2014	Jack Lake bog	Parker (2015)	-	One bird observed during the 29 th Christmas Bird Count.
	January 23, 2015	Jack Lake road bog (near CR 52)	Donald Sutherland	-	
Canada warbler (<i>Wilsonia canadensis</i>)	Historic	Lakewide	Peterson (1947), Hysenaj (2009, 2010), JLA (2009, 2010)	-	Four birds observed. Designated as a Species at Risk (Special Concern)

Canvasback (<i>Aythya valisineria</i>)	Historic	Lakewide	Bellrose (1976)	-	Migration corridor.
Catbird (<i>Dumetella carolinensis</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010), Ontario Breeding Bird Atlas	-	
Cedar waxwing (<i>Bombycilla cedrorum</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010)		
Cerulean warbler (<i>Setophaga cerulea</i>)	Historic	Lakewide	JLA (2010)	-	Designated as a Species at Risk (Threatened).
Chestnut-sided warbler (<i>Dendroica pensylvania</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010)	-	
Chimney swift (<i>Choetura pelagica</i>)	Historic	Lakewide	Peterson (1947)	-	Designated as a Species at Risk (Threatened)
Chipping sparrow (<i>Spizella passerine</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010), Ontario Breeding Bird Atlas	-	
Cliff swallow (<i>Petrochelidon pyrrhonota</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010), Ontario Breeding Bird Atlas	-	
Common goldeneye (<i>Bucephala clangula americana</i>)	Historic	Lakewide	Bellrose (1976)	-	
	December 22, 2012	Area around the lake	Jones (2013)	-	Seventeen birds

observed during the
2012-13 Petroglyphs
Christmas bird
count.

Common goldfinch (<i>Spinus tristis tristis</i>)	Historic	Lakewide	Peterson (1947), JLA (2009), Ontario Breeding Bird Atlas	-
	Not recorded	East Bay (Kodak Island)	Hugh Spence	-
Common loon (<i>Gavia immer</i>)	Historic	Lakewide	JLA (2010)	-
	1982-2012	Throughout lake	Steven Kerr, Ontario Breeding Bird Atlas	- Data collected for Canada Lakes Loon Survey. - Multiple breeding pairs on the lake.
	Summer, 1987	Entire lake	Irene Mann	- More loons on lake than the previous year.
	Summer, 1989	Entire lake	Irene Mann	- 10-15 young of year reported.
	Summer, 1991	Entire lake	Irene Mann	- Reports of 26 adults and 14 young of year (8 survived).
	October 7, 2007	Unknown	Steven Kerr	- Two loons (both singles) observed.
	April 4, 2010	Williams Bay	Sheelagh Hysenaj	- Early observation of loon on Jack Lake.

May 15, 2010	Robbins Bay	Sheelagh Hysenaj	-
April 26, 2011	Not recorded	Bob Bowles, Neill Lanz and Denyse Martial	-
December 22, 2012	Area around the lake	Jones (2013)	- One loon observed during the 2012-13 Petroglyphs Christmas bird count.
April 21, 2013	Narrows	Ashleigh Johnston	- Group of approximately 20 loons observed for most of day.
May 4-5, 2013	Brooks Bay (northwest corner)	Sheelagh Hysenaj	- A pair of birds observed.
2013 Season	Entire lake	CLLS volunteers	- Five nesting pairs on the lake – at least three young-of-year survived to fall.
July 21, 2014	Sheeps Bay	Charles Coffee	- Group of nine adults observed (No young-of-year).
September 6, 2014	Rathbun Bay	Steven Kerr	- Pair of adult loons exhibiting distress behaviour.
November 23, 2014	Brooks Bay	Sheelagh Hysenaj	- Large young-of-year still on lake – ice starting to form.

	2014 Season	Entire lake	CLLS volunteers	- Three nesting pairs on the lake – four young-of-year survived to fall.
Common merganser (<i>Mergus merganser americanus</i>)	Historic	Lakewide	Bellrose (1976)	-
	December 22, 2012	Area around the lake	Jones (2013)	- Ninety-seven birds observed during the 2012-13 Petroglyphs Christmas bird count.
	August 10, 2013	Williams Bay	Shari Fulmer	- Female with 3 young-of-year. - Photograph taken.
Common nighthawk (<i>Chordeilis minor</i>)	Historic	Lakewide	Peterson (1947), Hysenaj (2009), JLA (2009, 2010)	- Designated as a species at risk (Special Concern)
Common redpoll (<i>Carduelis flammea</i>)	January 4, 2009	Lakewide	2008-09 Christmas Bird Count	- A total of 109 birds observed.
	December, 2010	Lakewide	2010-11 Christmas Bird Count	- A total of 26 birds were observed.
	January 2, 2012	West side of lake	2011-12 Christmas Bird Count	- One bird observed.
	December 22, 2012	Area around the lake	Jones (2013)	- A total of 366 birds were observed during the 2012-13 Petroglyphs

Christmas bird count

	December 27, 2014	Area around the lake	Parker (2015)	-	Eight birds observed during the 2014-15 Petroglyphs Christmas bird count.
Coopers hawk (<i>Accipiter cooperii</i>)	Historic	Lakewide	Peterson (1947)	-	
	December 22, 2012	Area around the lake	Jones (2013)	-	One bird observed during the 2012-13 Petroglyphs Christmas bird count.
Cowbird (<i>Molothrus ater</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010)	-	
	Not recorded	East Bay (Kodak Island)	Hugh Spence	-	
Crested flycatcher (<i>Mniotilta crinitus</i>)	Historic	Lakewide	Peterson (1947), JLA (2009), Ontario Breeding Bird Atlas	-	
Cowbird (<i>Molothrus ater</i>)	Historic	Lakewide	Peterson (1947), JLA (2009)	-	
Dark-eyed junco (<i>Junco hyemalis</i>)	Historic	Lakewide	JLA (2010)	-	
	April 26, 2011	Not recorded	Bob Bowles, Neill Lanz and Denyse Martial	-	
	January 2, 2012	East side of lake	2011-12 Christmas bird count	-	Single bird observed.

	December 22, 2012	Area around the lake	Jones (2013)	- Five birds observed during the 2012-13 Petroglyphs Christmas bird count.
	January 2, 2014	Area around the lake	2013-14 Christmas bird count	- Twenty-one birds observed.
	May 2, 2014	Williams Bay	Shari Fulmer	- Photo taken of bird. - Identification by Dr. P. Hubert (MNR)
Double crested cormorant (<i>Phalacrocorax auritus</i>)	May 15, 2010	Sharpe's Bay (Jenny's Island)	Sheelagh Hysenaj	- Single bird observed.
	May 4-5, 2013	Sharpe's Bay (Jenny's Island)	Sheelagh Hysenaj	-
	August 6, 2013	Williams Bay	Shari Fulmer	- Photograph taken.
	August 21, 2013	Long Bay	Steven Kerr	- One immature bird standing on outcropping of rocks in middle of bay.
	June 15, 2014	Sharpe's Bay	Steven Kerr	- One cormorant observed.
	Not recorded	East Bay	Hugh Spence	-
Downy woodpecker (<i>Dendrocopus</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010),	-

<i>pubescens</i>)			Ontario Breeding Bird Atlas	
	January 4, 2009	Lakewide	2008-09 Christmas Bird Count	- A total of 11 birds were observed.
	December, 2010	Lakewide	2010-11 Christmas Bird Count	- Two birds observed.
	January 2, 2012	Lakewide	2011-12 Christmas Bird Count	- A total of 5 birds observed.
	December 22, 2012	Unknown	Jones (2013)	- Twelve birds observed during the 2012-13 Petroglyphs Christmas bird count.
	September 9, 2014	Callahan Bay	Amanda Smith	-
	December 27, 2014	Area south of lake	Parker (2015)	- Forty-eight birds observed during the 2014-15 Petroglyphs Christmas bird count.
Eastern belted kingfisher (<i>Megaceryle alocyon</i>)	2013	Bowers Bay	Jill Illedge	- Two observations in 2013.
	2014	Bowers Bay	Jill Illedge	- One observation in 2014.
Eastern bluebird (<i>Sialia sialis</i>)	Historic	Lakewide	Peterson (1947)	-

Eastern kingbird (<i>Tyrannus tyrannus</i>)	Historic	Lakewide	Peterson (1947), JLA (2009)	-
	July 2014	East Bay	Dawn Tower DuBois	- Photo taken of bird. - Identification by Dr. P. Hubert (MNR)
	Not recorded	East Bay (Kodak Island)	Hugh Spence	-
Eastern phoebe (<i>Sayornis phoebe</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010), Ontario Breeding Bird Atlas	-
	April 26, 2011	Not recorded	Bob Bowles, Neill Lanz and Denyse Martial	-
Evening grosbeak (<i>Hesperiphona vespertina</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010)	-
	December, 2010	West side of lake	2010-11 Christmas bird count	- A total of 26 birds were observed.
	December 22, 2012	Area around the lake	Jones (2013)	- Twenty-four birds observed during the 2012-13 Petroglyphs Christmas bird count.
	January 2, 2014	Area around the lake	2013-14 Christmas bird count	- Four birds were observed.
	December 27, 2014	Area around the lake	Parker (2015)	- Forty-eight birds observed during the

2014-15 Petroglyphs
Christmas bird
count.

	Not recorded	East Bay (Kodak Island)	Hugh Spence	-
Flicker (<i>Colaptes auratus</i>)	Historic	Lakewide	Peterson (1947)	-
	September 6, 2014	Rathbun Bay (north shore)	Arnold Tripp	- Pair of birds observed at cottage.
Golden crowned kinglet (<i>Regulus satrapa</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010)	-
	Winter, 1987	Lake outlet	Sheelagh Hysenaj	- Two birds observed.
	December, 2010	Lakewide	2010-11 Christmas Bird Count	- A total of 9 birds were observed.
	January 2, 2012	East side of lake	2011-12 Christmas Bird Count	- Two birds were observed.
	December 22, 2012	Area around the lake	Jones (2013)	- Twenty-one birds were observed during the 2012-13 Petroglyphs Christmas bird count.
	December 27, 2014	Area south of lake	Parker (2015)	- A total of 106 birds were observed during the 2014-15 Petroglyphs Christmas bird count.

Golden eagle (<i>Aquila chrysaetos</i>)	September, 2011	Centre Bay	Ruth Pezzack	-	Designated as a Species at Risk (Endangered)
	December 22, 2012	Unknown	Jones (2013)	-	One bird observed during the 2012-13 Petroglyphs Christmas bird count.
	December, 2012	South of narrows before Sharpe's Bay	Ruth Pezzack	-	
	January 2, 2014	Area south of lake	2013-14 Christmas Bird Count	-	Two birds observed feeding on beaver carcasses left by local trapper.
Goshawk (<i>Accipiter gentilis</i>)	Historic	Lakewide	Peterson (1947), JLA (2009)	-	
Grackle (<i>Quiscalus versicolor</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010), Ontario Breeding Bird Atlas	-	
	April 26, 2011	Not recorded	Bob Bowles, Neill Lanz and Denyse Martial	-	
	Not recorded	East Bay (Kodak Island)	Hugh Spence	-	
Great blue heron (<i>Ardea herodias</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010)	-	Anecdotal report of heronry near East

			Bay.
Historic	Southeast end of lake	Erin MacDonald (MNR)	- Two heronries between Jack and Little Jack Lake.
April 26, 2011	Not recorded	Bob Bowles, Neill Lanz and Denyse Martial	
2002 - 2012	Centre Bay	Ruth Pezzack	-
July – August 2012	Callahan Bay Rathbun Bay Sheeps Bay	Steven Kerr	-
May 4-5, 2013	Brooks Bay (northwest corner)	Sheelagh Hysenaj	- Two birds observed. - Single heron observed on May 18
August 6, 2013	Williams Bay	Shari Fulmer	- Photograph taken.
August 11, 2013	Williams Bay	Shari Fulmer	- Photograph taken.
June 23, 2014	Sharpe's Bay (Hurricane Point)	Steven Kerr	- Great blue heron observed in former osprey nest.
July 20, 2014	Hurricane Point (Sharpe's Bay)	Steven Kerr	- Heron flew up into red pine tree – no nest observed.
July 2014	Hurricane Point (Sharpe's Bay)	Susan Quarry	- Two herons in former osprey nests.
August 29, 2014	East Bay	Steven Kerr	- Heron standing on

Stuart Beadon's dock.

September 9, 2014	East Bay	Steven Kerr
September 20, 2014	East Bay (Kodak Island)	Steven Kerr
September 21, 2014	Rathbun Bay (north shore)	Arnold Tripp
Not recorded	East Bay (Kodak Island)	Hugh Spence

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- Heron walking along shoreline "fishing".

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Great gray owl (<i>Strix nebulosa</i>)	January 4, 2009	Western portion of lake.	2008-09 Christmas Bird Count	- One bird observed.
Great horned owl (<i>Bubo virginianus</i>)	Historic	Centre Bay (southwest shore)	Sheelagh Hysenaj	-
	December 27, 2014	Area south of lake	Parker (2015)	- Three birds observed during the 2014-15 Petroglyphs Christmas bird count.
Greater scaup (<i>Aythya marila mariloides</i>)	Historic	Lakewide	Bellrose (1976)	- Migration corridor.
Green heron (<i>Butorides virescens</i>)	Historic	Lakewide	Peterson (1947)	-
Green winged teal (<i>Anas carolinensis</i>)	Historic	Lakewide	Peterson (1947), Bellrose (1976)	-
Hairy woodpecker (<i>Dendrocopus villosus</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010),	-

			Ontario Breeding Bird Atlas	
	January 4, 2009	Lakewide	2008-09 Christmas Bird Count	- A total of 17 birds were observed.
	December, 2010	Lakewide	2010-11 Christmas Bird Count	- A total of 11 birds were observed.
	April 26, 2011	Not recorded	Bob Bowles, Neil Lanz and Denyse Martial	-
	January 2, 2012	Lakewide	2011-12 Christmas Bird Count	- A total of 13 birds were observed.
	December 22, 2012	Unknown	Jones (2013)	- Fifteen birds observed during the 2012-13 Petroglyphs Christmas bird count.
	October 2013	Williams Bay	Shari Fulmer	- Photograph taken.
	November 2013	Williams Bay	Shari Fulmer	- Photograph taken.
	December 27, 2014	Area south of lake	Parker (2015)	- Sixty-seven birds observed during the 2014-15 Petroglyphs Christmas bird count.
	Not recorded	East Bay (Kodak Island)	Hugh Spence	-
Hermit thrush (<i>Hylocichla guttata</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010),	-

			Ontario Breeding Bird Atlas		
	April 26, 2011	Not recorded	Bob Bowles, Neill Lanz and Denyse Martial	-	
	August, 2012	Rathbun Bay	Steven Kerr	-	Dead specimen was photographed.
	May 17, 2013	Brooks Bay (northwest corner)	Sheelagh Hysenaj	-	
Herring gull (<i>Larus argentatus</i>)	Historic	Lakewide	Peterson (1947)	-	
	April 26, 2011	Not recorded	Bob Bowles, Neil Lanz and Denyse Martial	-	
	December 22, 2012	Area around the lake	Jones (2013)	-	Four birds observed during the 2012-13 Petroglyphs Christmas bird count.
	December 27, 2014	Area south of lake	Parker (2015)	-	Eight birds observed during the 2014-15 Petroglyphs Christmas bird count.
Hoary redpoll (<i>Acanthis hornemanni</i>)	December, 2010	East side of lake	2010-11 Christmas Bird Count	-	One bird observed.
	December 22, 2012	Area around the lake	Jones (2013)	-	Two birds observed during the 2012-13

				Petroglyphs Christmas bird count.
	December 27, 2014	Area around the lake	Parker (2015)	- One bird observed during the 2014-15 Petroglyphs Christmas bird count.
Hooded merganser (<i>Lophodytes cucullatus</i>)	Historic	Lakewide	Peterson (1947), Bellrose (1976), JLA (2009, 2010), Ontario Breeding Bird Atlas	-
	December 22, 2012	Area around the lake	Jones (2013)	- Sixteen birds observed during the 2012-13 Petroglyphs Christmas bird count.
	July 2013	Williams Bay	Shari Fulmer	
	August 11, 2013	Williams Bay	Shari Fulmer	- Photograph taken.
	May 2, 2014	Brooks Bay	Sheelagh Hysenaj	- Photograph taken.
	June 15, 2014	Brooks Bay	Sheelagh Hysenaj	- Photo taken – identification by Dr. P. Hubert (MNR).
	Summer, 2014	Sharpes Bay	Judy Kiffer	- Female with six young-of-year.
				-
Horned lark (<i>Eremophila alpestris</i>)	Historic	Lakewide	Peterson (1947)	-

House wren (<i>Troglodytes aedon</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010), Ontario Breeding Bird Atlas	-	
Indigo bunting (<i>Passerina cyanea</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010)	-	
	July 13, 2011	Jack Lake Road (past Narrow's Point road toward Sharpe's Bay).	Sheelagh Hysenaj	-	
Killdeer (<i>Charadrius vociferous</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010), Ontario Breeding Bird Atlas	-	
	May 4-5, 2013	Jack Lake Road (at the gravel yard)	Sheelagh Hysenaj	-	
Least bittern (<i>Lxobrychus exilis</i>)	Historic	Lakewide	JLA (2009, 2010)	-	Designated as a Species at Risk (Threatened).
	May 18, 2013	Brooks Bay (northwest corner)	Sheelagh Hysenaj	-	Bird was heard at 4:00 pm.
	August 2014	Mosquito Bay	Rod Crawford	-	Bird observed at causeway separating Sheeps Bay and Sharpe's Bay.
Least flycatcher (<i>Empidomax minimus</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010)	-	

Lesser scaup (<i>Aythya affinis</i>)	Historic	Lakewide	Bellrose (1976)	-	Migration corridor.
Lincoln's sparrow (<i>Melospiza lincolni</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010)	-	
Long eared owl (<i>Asio otus wilsonianus</i>)	Historic	Lakewide	Peterson (1947)	-	
Magnolia warbler (<i>Dendroica magnolia</i>)	Historic	Lakewide	Peterson (1947), JLK (2009, 2010)	-	
Mallard (<i>Anas platyrhynchos</i> <i>platyrhynchos</i>)	Historic	Lakewide	Peterson (1947), Bellrose (1976), JLA (2009, 2010), Ontario Breeding Bird Atlas	-	
	April 26, 2011	Not recorded	Bob Bowles, Neill Lanz and Denyse Martial	-	
	July 2, 2012	Narrows	Steven Kerr	-	Hen with one young- of-year.
	May 18, 2013	Brooks Bay (northwest corner)	Sheelagh Hysenaj	-	Female duck.
	August 11, 2013	Williams Bay	Shari Fulmer	-	Female duck with 5 young-of-year. - Photograph taken
	June 15, 2014	Brooks Bay	Sheelagh Hysenaj	-	One pair observed.
	Not recorded	East Bay	Hugh Spence	-	

Marsh hawk (<i>Circus cyaneus hudsonius</i>)	July, 2008	Rathbun Bay (north shore)	Steven Kerr	-
	December 27, 2014	Area south of lake	Parker (2015)	- One bird observed during the 2014-15 Petroglyphs Christmas bird count.
Marsh wren (<i>Telmatodytes palustris</i>)	Historical	Lakewide	Peterson (1947)	-
Mourning dove (<i>Zenaidura macroura</i>)	Historical	Lakewide	Peterson (1947), JLA (2009, 2010)	-
	January 4, 2009	Eastern portion of lake	2008-09 Christmas bird count	- One bird observed.
	December, 2010	Lakewide	2010-11 Christmas bird count	- A total of 10 birds observed.
	December 22, 2012	Unknown	Jones (2013)	- Five birds observed during the 2012-13 Petroglyphs Christmas bird count.
	January 2, 2014	Area south of lake	2013-14 Christmas bird count	- Five birds were observed.
	December 27, 2014	Area south of lake	Parker (2015)	- Nine birds observed during the 2014-15 Petroglyphs Christmas bird count.

	Not recorded	East Bay (Kodak Island)	Hugh Spence	-
Mourning warbler (<i>Oporornis philadelphia</i>)	Historical	Lakewide	Peterson (1947), JLA (2009, 2010)	-
Myrtle warbler (<i>Dendroica coronate</i>)	Not recorded	East Bay (Kodak Island)	Hugh Spence	-
Nashville warbler (<i>Vermivora ruficapilla</i>)	Historical	Lakewide	Peterson (1947), JLA (2009, 2010), Ontario Breeding Bird Atlas	-
Northern flicker (<i>Colaptes auratus</i>)	Historical	Lakewide	Peterson (1947), JLA (2009, 2010), Ontario Breeding Bird Atlas	-
	Not recorded	East Bay (Kodak Island)	Hugh Spence	-
Northern goshawk (<i>Accipiter gentilis</i>)	Historic	Lakewide	Peterson (1947), JLA (2010)	-
	January 4, 2009	Eastern portion of lake	2008-09 Christmas Bird Count	- One bird observed.
	December 22, 2012	Area around the lake	Jones (2013)	- One bird observed during the 2012-13 Petroglyphs Christmas bird count.
Northern shrike (<i>Lanius excubitor</i>)	January 4, 2009	Eastern portion of lake	2008-09 Christmas Bird Count	- One bird was observed.

	January 2, 2012	West side of lake	2011-12 Christmas Bird Count	- One bird was observed.
Northern waterthrush (<i>Seiurus noveboracensis</i>)	Historical	Lakewide	Peterson (1947), JLA (2009, 2010)	-
	Not recorded	East Bay (Kodak Island)	Hugh Spence	-
Northern yellowthroat (<i>Geothypis trichas</i>)	Historic	Lakewide	Peterson (1947), JLA (2009), Ontario Breeding Bird Atlas	-
Olive-sided flycatcher (<i>Nuttallornis borealis</i>)	Historical	Lakewide	Peterson (1947), JLA (2009, 2010), Ford (2013)	- Designated as a Species at Risk (Special Concern).
Osprey (<i>Pandion halioetus carolinensis</i>)	Historical	Sharpe's Bay (Hurricane Point) East Bay Island near outlet	Peterson (1947), JLA (2009, 2010), Ontario Breeding Bird Atlas, Francis Pick	- Three osprey nest sites on lake.
	August, 2006	East Bay (island)	Steven Kerr	- Nest blown off tree during small tornado.
	Spring, 2007	East Bay	Steven Kerr	- Ospreys re-nested near former site.
	May 16, 2008	Rathbun Bay	Steven Kerr	- Osprey observed with a 6-7" fish in its talons.
	2008	East Bay	Ruth Davenport	- Fully grown bird fell out of nest tree. Bird

				was relocated to small island at end of bay but it was dead the next day.
April 11, 2010	Sharpe's Bay (Hurricane Point)	Sheelagh Hysenaj	-	Pair of birds on nest.
July, 2010	Sharpe's Bay (Hurricane Point)	Steven Kerr	-	Active nest site.
July 25, 2010	Centre Bay	Sheelagh Hysenaj	-	New nesting site.
April 26, 2011	Not recorded	Bob Bowles, Neil Lanz and Denyse Martial	-	
May 15, 2011	Williams Bay near dam	Shellagh Hysenaj	-	Pair on nest.
May 15, 2011	Redmond Bay (near Tallon's cottage)	Sheelagh Hysenaj	-	
May 28 and June 19, 2011	Sharpe's Bay (Hurricane Point)	Sheelagh Hysenaj	-	Pair on nest.
June 19, 2011	Centre Bay (island at entrance to narrows)	Sheelagh Hysenaj	-	
July 16, 2012	Sharpe's Bay (Hurricane Point)	Steven Kerr	-	No osprey nest observed.
July 27, 2012	Sheep Bay	Steven Kerr	-	Pair of ospreys soaring over bay.
August, 2012	East Bay	Steven Kerr	-	New nest on East Bay island.

	2002-2012	Centre Bay	Ruth Pezzack	-
	May 4-5, 2013	Brooks Bay (northwest corner)	Sheelagh Hysenaj	- Bird was fishing.
	May 18, 2013	West end of narrows, Snake Island (across from marina)	Sheelagh Hysenaj	- New nests observed at each site.
	April 20, 2014	Snake Island (Brooks Bay)	Sheelagh Hysenaj	- Pair of osprey on the nest – first observed nesting at this site in 2013. - Lake was still frozen.
	June 20, 2014	Elizabeth Island (Center Bay)	Marcene DuBois	- Active nest with one young-of-year.
	June 22, 2014	Brooks Bay (Snake Island)	Steven Kerr	-
	July 2014	Jenny Island	Susan Quarry	- Active nest with one young-of-year. - New nest.
Oven bird (<i>Seiurus aurocapillus</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010)	-
	May 20, 2012	Fire Road 85	Bob Bowles	-
Pied-billed grebe (<i>Podilymbus podiceps</i>)	Historic	Lakewide	Peterson (1947)	-
Pigeon hawk (<i>Falco columbarius</i>)	Not recorded	East Bay (Kodak Island)	Hugh Spence	-
	December 27, 2014	Area south of lake	Parker (2015)	- One bird observed during the 2014-15

				Petroglyphs Christmas bird count.
Pileated woodpecker (<i>Hylatomus pileatus</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010)	-
	January 4, 2009	Eastern portion of lake.	2008-09 Christmas Bird Count	- Three birds were observed.
	April 26, 2011	Not recorded	Bob Bowles, Neill Lanz and Denyse Martial	-
	January 2, 2012	West side of lake	2011-12 Christmas Bird Count	- Two birds were seen.
	August, 2012	Rathbun Bay (south shore)	Dennis Davenport	- Pair of birds observed.
	December 22, 2012	Unknown	Jones (2013)	- Five birds observed during the 2012-13 Petroglyphs Christmas bird count.
	2008-2012	Centre Bay	Ruth Pezzack	-
	May 18, 2013	Jack Lake road (near Sharpe's Bay)	Sheelagh Hysenaj	-
	November 2013	Williams Bay	Shari Fulmer	- Photograph taken.
	December 27, 2014	Area south of lake	Parker (2015)	- Twenty-three birds observed during the 2014-15 Petroglyphs

Christmas bird
count.

Pine grosbeak (<i>Pinicola enucleator</i>)	January 4, 2009	Lakewide	2008-09 Christmas Bird Count	-	A total of 8 birds were observed.
	December 22, 2012	Area around the lake	Jones (2013)	-	Thirty-nine birds observed during the 2012-13 Petroglyphs Christmas bird count.
Pine siskin (<i>Carduelis pinus</i>)	January 4, 2009	Eastern portion of lake	2008-09 Christmas Bird Count	-	A total of 63 birds were observed.
	January 2, 2012	Area around the lake	2011-12 Christmas Bird Count	-	Forty-nine birds observed.
	December 22, 2012	Area around the lake	Jones (2013)	-	Four birds observed during the 2012-13 Petroglyphs Christmas bird count.
Pine warbler (<i>Dendroica pinus</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010)	-	
	Not recorded	East Bay (Kodak Island)	Hugh Spence	-	
Pintail (<i>Anas acuta tzitzioha</i>)	Historic	Lakewide	Peterson (1947), Bellrose (1976)	-	
Purple finch (<i>Carpodacus purpureus</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010), Ontario Breeding	-	

			Bird Atlas	
	January 2, 2012	East side of lake	2011-12 Christmas Bird Count	- Single bird observed.
	Not recorded	East Bay (Kodak Island)	Hugh Spence	-
Purple martin (<i>Progne subis</i>)	Historic	Lakewide	Peterson (1947)	-
Raven (<i>Corvus corax</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010), Ontario Breeding Bird Atlas	-
	January 4, 2009	Lakewide	2008-09 Christmas Bird Count	- A total of 24 birds were observed.
	April 26, 2011	Not recorded	Bob Bowles, Neill Lanz and Denyse Martial	-
	December, 2010	Lakewide	2010-11 Christmas Bird Count	- A total of 24 birds observed.
	December 22, 2012	Unknown	Jones (2013)	- A total of 119 birds observed during the 2012-13 Petroglyphs Christmas bird count.
	January 2, 2012	Lakewide	2011-12 Christmas Bird Count	- A total of 25 birds were observed.
	December 27, 2014	Area south of lake	Parker (2015)	- Ninety-seven birds observed during the

2014-15 Petroglyphs
Christmas bird
count.

	Not recorded	East Bay (Kodak Island)	Hugh Spence	-
Red breasted merganser (<i>Mergus serrator</i>)	Historic	Lakewide	Bellrose (1976)	-
Red breasted nuthatch (<i>Sitta canadensis</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010), Ontario Breeding Bird Atlas	-
	January 4, 2009	Lakewide	2008-09 Christmas bird count	- A total of 54 birds were observed.
	December, 2010	Lakewide	2010-11 Christmas bird count	- A total of 35 birds were observed.
	December 22, 2012	Area around the lake	Jones (2013)	- Forty-nine birds were observed during the 2012-13 Petroglyphs Christmas bird count.
	January 2, 2012	Lakewide	2011-12 Christmas bird count	- A total of 7 birds were observed.
	January 2, 2014	Area south of lake	2013-14 Christmas bird count	- 48 birds observed.
	December 27, 2014	Area south of lake	Parker (2015)	- Forty-three birds observed in the 2014-15 Petroglyphs

Christmas bird
count.

	Not recorded	East Bay (Kodak Island)	Hugh Spence	-	
Red Crossbill (<i>Loxia curvirostra</i>)	December 22, 2012	Area around the lake	Jones (2013)	-	Seven birds observed during the 2012-13 Petroglyphs Christmas bird count.
Red eyed vireo (<i>Vireo olivaceus</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010), Ontario Breeding Bird Atlas	-	
Red headed woodpecker (<i>Melanerpes erythrocephalus</i>)	Historic	Lakewide	Peterson (1947)	-	Designated as a Species at Risk (Special Concern)
Red shouldered hawk (<i>Buteo lineatus</i>)	Historic	Lakewide	Peterson (1947), Hysenaj (2009), JLA (2009, 2010), Ontario Breeding Bird Atlas	-	Designated as a Species at Risk (Special Concern)
	May 19, 2012	East Bay, McCoy Bay	Ford (2013)	-	Soaring bird was identified by B. Bowles.
	July, 2013	Marsh along McCoy Road	Carolyn Ford	-	
Red tailed hawk (<i>Buteo jamaicensis</i>)	Historic	Lakewide	Peterson (1947)	-	
	January 4, 2009	East half of lake	2008-09 Christmas Bird Count	-	One bird observed.

	May 19, 2012	McCoy Bay	Ford (2013)	- Specimen identified by B. Bowles.
	December 22, 2012	Area around the lake	Jones (2013)	- Three birds observed during the 2012-13 Petroglyphs Christmas bird count.
	December 27, 2014	Area south of lake	Parker (2015)	- Ten birds observed during the 2014-15 Petroglyphs Christmas bird count.
Red winged blackbird (<i>Agelaius phoeniceus</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010), Ontario Breeding Bird Atlas	-
Ring billed gull (<i>Larus delawarensis</i>)	Historic	Lakewide	Peterson (1947), JLA (2009,2010)	-
	August 6, 2013	Williams Bay	Shari Fulmer	- Photograph taken.
Ring necked duck (<i>Aythya collaris</i>)	Historic	Lakewide	Peterson (1947), Bellrose (1976), JLA (2009, 2010)	-
Robin (<i>Turdus migratorius</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010), Ontario Breeding Bird Atlas	-

	April 26, 2011	Not recorded	Bob Bowles, Neil Lanz and Denyse Martial	-
	January 2, 2014	Area south of lake	2013-14 Christmas bird count	- Three birds observed.
Rock dove (pigeon) (<i>Columba livia</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010), Ontario Breeding Bird Atlas	-
	January 4, 2009	West side of lake	2008-09 Christmas Bird Count	- A total of 26 birds observed.
	December, 2010	West side of lake	2010-11 Christmas Bird Count	- A total of 22 birds observed.
	January 2, 2012	West side of lake	2011-12 Christmas Bird Count	- A total of 4 birds were observed.
	December 22, 2012	Unknown	Jones (2013)	- Seventy-four birds observed during the 2012-13 Petroglyphs Christmas bird count.
	December 27, 2014	Area south of lake	Parker (2015)	- Forty-eight birds observed during the 2014-15 Petroglyphs Christmas bird count.
Rose breasted grosbeak (<i>Pheucticus ludovicianus</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010)	-

	May 20, 2012	Fire Road 85	Bob Bowles	-
	May 18, 2013	Jack Lake road (toward Sharpe's Bay)	Sheelagh Hysenaj	-
	Not recorded	East Bay (Kodak Island)	Hugh Spence	-
Ruby-throated hummingbird (<i>Archilochus colubris</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010), Ontario Breeding Bird Atlas	-
	May 17, 2008	Rathbun Bay (north shore)	Steven Kerr	- First hummingbird observed at feeder.
	May-September, 2010	Rathbun Bay (north shore)	Steven Kerr	- One hummingbird at feeder all season.
	May-September, 2011	Rathbun Bay (north shore)	Steven Kerr	- Feeder used by two hummingbirds all season.
	May-September, 2012	Rathbun Bay (north shore)	Steven Kerr	- Feeder used by two hummingbirds all season.
	May-September, 2012	Brooks Bay (northwest corner)	Sheelagh Hysenaj	- Feeder used by up to four birds.
	2002-2012	Centre Bay	Ruth Pezzack	-
	May 18, 2013	Brooks Bay (northwest corner)	Sheelagh Hysenaj	- Male and female bird observed at feeder.
	August 12, 2013	Williams Bay	Shari Fulton	- Photograph taken.

Ruffed grouse (<i>Bonasa umbellus</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010), Ontario Breeding Bird Atlas	-	
	August 10, 2008	McCoy Road	Steven Kerr	-	
	October 11, 2008	McCoy Road	Steven Kerr	-	
	January 4, 2009	Eastern and western portions of lake	2008-09 Christmas Bird Count	-	A total of four birds were observed.
	August 13, 2009	McCoy Road	Karen Burleigh-Kerr	-	
	April 11, 2010	McCoy Road	Steven Kerr	-	
	July 20, 2010	McCoy Road	Steven Kerr	-	One adult and three young-of-year observed.
	December, 2010	Lakewide	2010-11 Christmas bird count	-	A total of four birds seen.
	April 26, 2011	Not recorded	Bob Bowles, Neil Lanz and Denyse Martial	-	
	January 2, 2012	Lakewide	2011-12 Christmas bird count	-	A total of three birds seen.
	April 5, 2012	McCoy Road	Steven Kerr	-	Single bird observed.

July 5, 2012	McCoy Road	Steven Kerr	-	Two young-of-year chicks observed.
December 22, 2012	Area around the lake	Jones (2013)	-	Twenty birds observed during the 2012-13 Petroglyphs Christmas bird count.
October 6, 2013	McCoy Road	Steven Kerr	-	One bird observed.
October 12, 2013	McCoy Road	Steven Kerr	-	One bird observed.
October 20, 2013	McCoy Road	Steven Kerr	-	One bird observed.
January 2, 2014	Area south of lake	2013-14 Christmas bird count	-	One bird observed.
December 27, 2014	Area south of lake	Parker (2015)	-	Twenty-seven grouse observed during the 2014-15 Petroglyphs Christmas Bird Count

Saw-whet owl (<i>Aegolius acadia acadia</i>)	Historic	Centre Bay (northeast shore)	Peterson (1947), Sheelagh Hysenaj	-
Scarlet tanager (<i>Piranga olivacea</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010)	-
Screech owl (<i>Otus asio</i>)	Historic	Lakewide	Peterson (1947)	-
	December 27, 2014	Area south of lake	Parker (2015)	- Two birds observed during the 2014-15

				Petroglyphs Christmas bird count.
Sharp shinned hawk (<i>Accipiter striatus velox</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010)	-
	December 27, 2014	Area south of lake	Parker (2015)	- One bird observed during the 2014-15 Petroglyphs Christmas bird count.
Short-eared owl (<i>Asio flammerus</i>)	Historic	Lakewide	Peterson (1947)	- Designated as a Species at Risk (Special Concern)
Shoveler (<i>Anas clypeata</i>)	Historic	Lakewide	Bellrose (1976)	- Migration corridor.
Slate colored junco (<i>Junco hyemalis</i>)	Historic	Lakewide	Peterson (1947), JLA (2009)	-
Snow bunting (<i>Plectrophenax nivalis</i>)	December 22, 2012	Area around the lake	Jones (2013)	- Nine birds observed during the 2012-13 Petroglyphs Christmas bird count.
	December 27, 2014	Area around the lake	Parker (2015)	- Thirty-seven birds observed during the 2014-15 Petroglyphs Christmas bird count.
Song sparrow	Historic	Lakewide	Peterson (1947),	-

<i>(Melospiza melodia)</i>			JLA (2009, 2010), Ontario Breeding Bird Atlas	
	April 26, 2011	Not recorded	Bob Bowles, Neill Lanz and Denyse Martial	-
	May 2, 2014	Williams Bay	Shari Fulmer	- Photo taken – identification by Dr. P. Hubert (MNR).
Sora <i>(Porzana carolina)</i>	Historic	Lakewide	Peterson (1947)	-
Spotted sandpiper <i>(Actitis macularia)</i>	Historic	Lakewide	Peterson (1947)	-
Starling <i>(Sturnus vulgaris)</i>	Historic	Lakewide	Peterson (1947), JLA (2009, 2010), Ontario Breeding Bird Atlas	-
	January 4, 2009	Lakewide	2008-09 Christmas bird count	- A total of 7 birds were observed.
	December, 2010	West side of lake	2010-11 Christmas bird count	- A total of 14 birds were observed.
	April 26, 2011	Not recorded	Bob Bowles, Neil Lanz and Denyse Martial	-
	January 2, 2012	Lakewide	2011-12 Christmas bird count	- A total of 48 birds observed.

January 2, 2014	Area south of lake	2013-14 Christmas bird count	-	Seven birds observed.
December 22, 2012	Area around the lake	Jones (2013)	-	Thirty-five birds observed during the 2012-13 Petroglyphs Christmas bird count.
December 27, 2014	Area around the lake	Parker (2015)	-	Forty-six birds observed during the 2014-15 Petroglyphs Christmas bird count.

Swamp sparrow (<i>Melospiza georgiana</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010)	-
	Not recorded	East Bay (Kodak Island)	Hugh Spence	-
Tree swallow (<i>Iridoprocne bicolor</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010), Ontario Breeding Bird Atlas	-
	January 4, 2009	Lakewide	2008-09 Christmas Bird Count	- A total of 8 birds were observed.
	April 26, 2011	Not recorded	Bob Bowles, Neill Lanzand Denyse Martial	-
Trumpeter swam (<i>Cygnus buccinators</i>)	September 26, 2012	Sheep Bay	Elizabeth Campbell	-
	May, 2013	Bowers Bay	Dave Robbins	- Photo was taken of

the bird.

	September 17, 2013	Callahan Bay (near Lebo Point)	Mary Beadon	- Pair of large birds.
Turkey vulture (<i>Cathartes aura</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010)	-
	July 17, 2010	McCoy Road	Steven Kerr	- Two birds feeding on deer carcass.
	April 26, 2011	Not recorded	Bob Bowles, Neill Lanz and Denyse Martial	-
	April 2013	Williams Bay	Shari Fulmer	- Bird soaring overhead. - Photograph taken.
	Not recorded	East Bay	Hugh Spence	-
Veery (<i>Hylocichla fuscescens</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010)	-
Virginia rail (<i>Rallus limicola</i>)	Historic	Lakewide	Peterson (1947)	-
Warbling vireo (<i>Vireo gilvus</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010)	-
Whip-poor-will (<i>Caprimulgus vociferus</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010)	- Designated as a species at risk (Threatened) - COSSARO priority for assessment.

	June, 2012	Kodak Island (East Bay)	Hugh Spence	-
	June 28, 2013	Redmond Bay	Reported to Neill Lanz	- Bird was heard on two consecutive nights.
White breasted nuthatch (<i>Sitta carolinensis</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010), Ontario Breeding Bird Atlas	-
	January 4, 2009	Lakewide	2008-09 Christmas bird count	- A total of 5 birds were observed.
	December, 2010	West side of lake	2010-11 Christmas bird count	- A total of 13 birds were observed.
	December 22, 2012	Area around the lake	Jones (2013)	- Forty-five birds observed during the 2012-13 Petroglyphs Christmas bird count.
	January 2, 2012	Lakewide	2011-12 Christmas bird count	- Three birds were observed.
	January 2, 2014	Area south of lake	2013-14 Christmas bird count	- Thirty-five birds observed.
	August 12, 2014	East of Rathbun Bay	Neill Lanz	-
	December 27, 2014	Area south of lake	Parker (2015)	- A total of 233 birds observed during the 2014-15 Petroglyphs Christmas bird

				count.
	Not recorded	East Bay (Kodak Island)	Hugh Spence	-
White crowned sparrow (<i>Zonotrichia leucophrys</i>)	April 26, 2011	Not recorded	Bob Bowles, Neill Lanz and Denyse Martial	-
White throated sparrow (<i>Zonotrichia albicollis</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010)	-
White winged crossbill (<i>Loxia leucoptera</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010)	-
	January 4, 2009	Lakewide	2008-09 Christmas Bird Count	- A total of 24 birds were observed.
	December, 2010	West side of lake	2010-11 Christmas Bird Count	- Two birds were observed.
	January 2, 2012	West side of lake	2011-12 Christmas Bird Count	- Thirty birds observed.
White winged scoter (<i>Melanitta fusca deglandi</i>)	May 20, 2012	Brooks Bay	Sheelagh Hysenaj	- Observed at 6:50 pm. - Identified by Dr. Patrick Hubert, MNR, Peterborough
Wild Turkey (<i>Meleagris gallopavo</i>)	September 16, 2007	McCoy Road (near highway)	Steven Kerr	- Five birds observed. - First observations in area.
	January 4, 2009	Eastern portion of lake.	2008-09 Christmas Bird Count	- A total of 16 birds were observed.

July 5, 2009	McCoy Road	Steven Kerr	- One hen observed.
August, 2009	McCoy Road	Steven Kerr	- One hen with 5 young-of-year (one noticeably smaller) observed.
June 4, 2010	Jack Lake Road	Steven Kerr	- Single hen observed near the marina.
June 4, 2010	McCoy Road (near highway)	Steven Kerr	- Single hen observed.
July 13, 2010	McCoy Road	Steven Kerr	- Two hens observed.
September 3, 2010	Highway 504 (south of Apsley)	Steven Kerr	- 10-12 turkeys (all YOY?) on side of road.
December 2010	East portion of lake	2010-11 Christmas Bird Count	- Two birds observed.
August 11, 2011	Highway 504 (south of Apsley)	Steven Kerr	- One adult with 8-9 large young-of-year observed on side of road.
January 2, 2012	East side of lake	2011-12 Christmas Bird Count	- A total of 8 birds observed.
June, 2012	Kodak Island (East Bay)	Hugh Spence	- One hen observed.
August 9, 2012	McCoy Road	Bob Walroth	- Several turkeys observed.
August 13, 2012	Sheep Bay (south shore)	Steven Kerr	- 5-6 turkeys observed

			on shoreline between cottages.
August 27, 2012	McCoy Road	Steven Kerr	- Pair of hens observed near PCGP sign.
2011-2012	Centre Bay	Ruth Pezzack	-
December 22, 2012	Area around the lake	Jones (2013)	- Sixty-five birds observed during the 2012-13 Petroglyphs Christmas bird count.
April 13, 2013	Brooks Bay (northwest corner)	Sheelagh Hysenaj	- - Single male bird.
September 16, 2013	McCoy Road (near Hwy 504)	Steven and Allan Kerr	- Flock of 18-20 birds observed on road (no adult males)
October 6, 2013	McCoy Road	Steven Kerr	- Pair of birds observed.
January 2, 2014	Area south of lake	2013-2014 Christmas bird count	- Virtually all of the 126 turkeys observed were associated with feeders.
July 6, 2014	McCoy Road	Steven Kerr	- Three adults feeding in small clearing along road.
July 13, 2014	Junction of McCoy Road and Hwy. 504	Steven Kerr	- One hen observed.

August 10, 2014	Junction of McCoy Road and Hwy. 504	Steven Kerr	- One hen with four young-of-year observed.
December 27, 2014	Area south of lake	Parker (2015)	- Sixty-four turkeys observed during the 2014-15 Petroglyphs Christmas bird count.

Wilson's snipe (<i>Capella gallinago</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010)	-
Winter wren (<i>Troglodytes troglodytes</i>)	Historic	Lakewide	Peterson (1947), JLA (2009, 2010)	-
	December 22, 2012	Unknown	Jones (2013)	- One bird observed during the 2012-13 Petroglyphs Christmas bird count.
	December 27, 2014	Unknown	Parker (2015)	- One bird observed during the 2014-15 Petroglyphs Christmas bird count.
Woodcock (<i>Philohela minor</i>)	Historic	Lakewide	Peterson (1947), JLA (2010)	-
Wood duck (<i>Aix sponsa</i>)	Historic	Lakewide	Bellrose (1976)	-
	June 8, 2014	Apsley Creek	Sheelagh Hysenaj	-

Wood pewee (<i>Contopus virens</i>)	Historic	Lakewide	Peterson (1947), JLA (2009,2010), Ontario Breeding Bird Atlas	-	
Wood thrush (<i>Hylocichla mustelina</i>)	Historic	Lakewide	Peterson (1947), JLA (2009)	-	Designated as a Species at Risk (Special Concern)
	May 20, 2012	Fire Road 85	Bob Bowles	-	
Wood duck (<i>Aix sponsa</i>)	Historic	Lakewide	Peterson (1947), JLA (2009), Ontario Breeding Bird Atlas	-	
	April 26, 2011	Not recorded	Bob Bowles, Neill Lanz and Denyse Martial	-	
Yellow bellied sapsucker (<i>Sphyrapicus varius</i>)	Historic	Lakewide	Peterson (1947), JLA (2009), Ontario Breeding Bird Atlas	-	
	April 26, 2011	Not recorded	Bob Bowles, Neil Lanz and Denyse Martial	-	
	Not recorded	East Bay (Kodak Island)	Hugh Spence	-	
Yellow warbler (<i>Dendropica petechial</i>)	Historic	Lakewide	Peterson (1947), JLA (2009)	-	
Yellow rumped (Myrtle) warbler (<i>Dendroica coronata</i>)	Historic	Lakewide	Peterson (1947), JLA (2009)	-	

Crustaceans

Species	Date Observed	Location	Source	Misc. Comments
Crustacean zooplankton (<i>Cyclopoida spp.</i>)	Historic	Lakewide	MOE (1979)	-
Fairy shrimp (<i>Eubbranchipus bundyi</i>)	Historic	Lakewide	Bowles (2012)	-
Snails and limpets (<i>Gastropoda</i>)	August 13, 2007	Apsley Creek	MNR data	-
Virile crayfish (<i>Orconectes virilis</i>)	Historic	Lakewide	-	-
Water flea (<i>Cladocera spp.</i>)	Historic	Lakewide	MOE (1979)	-

Fish

Species	Date Observed	Location	Source	Misc. Comments
Black crappie (<i>Pomoxis nigromaculatus</i>)	Summer 2003	Throughout lake	MNR records, JLA (2010, 2013)	- Unauthorized introduction - first documented in 2003.
	Summer 2003	Throughout lake	Steven Kerr	- Five specimens angled – identification confirmed.
	July, 2009	Throughout lake	MacDonald (2009)	- 34 specimens captured during index netting.
	August, 2013	Throughout lake	MacDonald (2013)	- 32 specimens captured during index netting.
Bluegill (<i>Lepomis macrochirus</i>)	2007	Throughout lake	MNR records, JLA (2013)	- Unauthorized introduction. - First documented in 2007.
	July, 2009	Throughout lake	MacDonald (2009)	- 15 specimens captured during index netting.
	August, 2013	Throughout lake	MacDonald (2013)	- 68 specimens captured during

	July 20, 2014	Rathbun Bay wetland	Steven Kerr	- index netting. One young-of-year captured in a minnow trap.
Bluntnose minnow (<i>Pimephales notatus</i>)	Historic	Throughout lake	MNR records, Scott and Crossman (1973), JLA (2013)	-
	Summer, 2009	Throughout lake	MacDonald (2009)	- 8 specimens captured during index netting.
Brown bullhead (<i>Ictalurus nebulosis</i>)	Historic	Throughout lake	MNR records, JLA (2013)	-
	Summer, 2009	Unknown	MacDonald (2009)	- One specimen caught during index netting.
	July, 2013	Rathbun Bay	Allan Kerr	- Specimen captured and photographed.
Creek chub (<i>Semotilus atromaculatus</i>)	Historic	Throughout lake	MNR records, Scott and Crossman (1973), JLA (2013)	-
Golden shiner (<i>Notemoginus crysoleucas</i>)	Historic	Throughout lake	MNR records, Macdonald (2009), JLA (2013)	-
	August, 2013	Throughout lake	MacDonald (2013)	- 7 specimens captured during index netting.

Johnny darter (<i>Etheostoma nigrum</i>)	Historic	Throughout lake	MNR records, Scott and Crossman (1973), JLA (2013)	-
Lake herring (<i>Coregonus artedii</i>)	Historic	Sharpe's Bay	JLA (2013)	-
	August, 2008	Sharpe's Bay	Steven Kerr	- Two lake herring angled off Hurricane Point in 80-100 feet of water. Identification confirmed.
	July, 2009	Sharpe's Bay	MacDonald (2009)	- 56 individuals captured during index netting.
	June 2013	Sharpe's Bay	Steven Kerr	- One large (17") herring angled – photo taken and identification confirmed.
	August, 2013	Sharpe's Bay	MacDonald (2013)	- 29 specimens captured during index netting
Lake trout (<i>Salvelinus namaycush</i>)	Historic	Sharpe's Bay	MNR Records, JLA (2013)	-
	1994	Sharpe's Bay	Bill Wilber	- Angled a fish measuring 34 inches in length and 17.5 pounds in weight.
	October 20-27,	Sharpe's Bay (Gull Rock and	Plunkett et al.	- 22 lake trout

	2008	point south of Hurricane Point)	(2009), Kerr (2009)	observed on spawning shoals; 12 were captured and sampled.
	July, 2009	Sharpe's Bay	MacDonald (2009)	- 4 lake trout captured during index netting.
	February 26, 2012	Sharpe's Bay	Joe Dunkerley	- Fish angled – 20.0 inches total length – girth 11.0 inches – weight 2.6 pounds.
	August, 2013	Sharpe's Bay	MacDonald (2013)	- 4 lake trout captured during index netting.
Largemouth Bass (<i>Micropterus salmoides</i>)	Historic	Throughout lake	MNR records, JLA (2013)	- Unauthorized introduction in the early 1970s.
	July, 2009	Throughout lake	MacDonald (2009)	- 49 specimens captured during index netting.
	August, 2013	Throughout lake	MacDonald (2013)	- 29 specimens captured during index netting.
Muskellunge (<i>Esox masquinongy</i>)	Historic	Throughout lake	MNR and MCI records, JLA (2013)	-
	Several years	Hatten Bay (east end)	Mark Cousins	- Muskellunge spawning area.
	Several years	Rathbun Bay (east end)	Steven Kerr	- Muskellunge spawning area.

	Summer, 2009	Unknown	MacDonald (2009)	- Five specimens captured during index netting.
	May 18, 2013	Rathbun Bay (north shore)	Allan Kerr	- Pair of muskellunge (one large and one smaller) observed near dock.
	July, 2013	Sheeps Bay	Allan Kerr	- 45 inch muskellunge angled – fish was released.
Ninespine stickleback (<i>Pungitius pungitius</i>)	Summer, 2009	Unknown	MacDonald (2009), JLA (2013)	- One specimen captured during index netting.
Pumpkinseed (<i>Lepomis gibbosus</i>)	Historic	Throughout lake	MNR records, JLA (2013)	-
	July, 2009	Throughout lake	MacDonald (2009)	- 107 specimens captured during index netting.
	August, 2013	Throughout lake	MacDonald (2013)	- 27 specimens captured during index netting.
Rock bass (<i>Ambloplites rupestris</i>)	Historic	Throughout lake	MNR records, JLA (2010, 2013)	- Unauthorized introduction. - First documented in 1989.

	July, 2009	Throughout lake	MacDonald (2009)	- 79 specimens captured during index netting.
	May 4-5, 2013	Brooks Bay (northwest corner)	Sheelagh Hysenaj	- One small specimen observed at dock.
	August, 2013	Throughout lake	MacDonald (2013)	- Specimens captured during index netting.
	July 20, 2014	Rathbun Bay wetland	Steven Kerr	- One young-of-year captured in a minnow trap.
Slimy sculpin (<i>Cottus cognatus</i>)	Summer, 2009	Unknown	MacDonald (2009)	- One specimen captured during index netting.
Smallmouth bass (<i>Micropterus dolomieu</i>)	Historic	Throughout lake	MNR records, JLA (2013)	-
	July, 2009	Throughout lake	MacDonald (2009)	- 47 specimens captured during index netting.
	August, 2013	Throughout lake	MacDonald (2013)	- Specimens captured during index netting.
Spottfin shiner (<i>Notropis spilopterus</i>)	Historic	Throughout lake	MNR records, JLA (2013)	-
Spottail shiner (<i>Notropis hudsonius</i>)	Spring, 1979	Apsley Creek	Corbett (1986)	- Shiners fed extensively on walleye eggs.
Walleye	Historic	Throughout lake	MNR records,	- Intentional

<i>(Sander vitreus)</i>			Corbett (1981), JLA (2013)	introductions in 1920s and 1950s. - Spawn in Apsley Creek, Redmond Creek and numerous lake shoals.
	July , 2009	Throughout lake	MacDonald (2009)	- 21 specimens captured during index netting.
	August, 2013	Throughout lake	MacDonald (2013)	- Specimens captured during index netting.
White sucker <i>(Catastomus commersoni)</i>	Historic	Throughout lake	MNR records, Corbett and Powles (1986), JLA (2013)	- Spawn in Apsley Creek.
	July, 2009	Throughout lake	MacDonald (2009)	- 43 specimens captured during index netting.
	August, 2013	Throughout lake	MacDonald (2013)	- Specimens captured during index netting.
Yellow perch <i>(Perca flavescens)</i>	Historic	Throughout lake	MNR records, JLA (2013)	-
	July, 2009	Throughout lake	MacDonald (2009)	- 848 specimens captured during index netting.
	August, 2013	Throughout lake	MacDonald (2013)	- Specimens captured during index netting.

Insects (Terrestrial)

Species	Date Observed	Location	Source	Misc. Comments
Acadian hairstreak butterfly (<i>Satryium acadicum</i>)	Historic	Lakewide	MNR (2003a)	-
	July 16, 2011	Area south of lake	Ball (2011)	- Thirty-four specimens observed during the 14 th Annual Petroglyphs Butterfly Count.
	July 21, 2012	Area south of lake	Ball and Parker (2012)	- Five specimens observed during the 15 th Annual Petroglyphs Butterfly Count.
	July 20, 2013	Area south of lake	Martin and Ball (2013)	- Eighteen specimens observed during the 16 th Annual Petroglyphs Butterfly Count.
	July 19, 2014	Area around lake	Ball and Parker (2014)	- Twenty-three specimens observed during the 17 th Annual Petroglyphs Butterfly Count.
American copper butterfly (<i>Lycaena phlaeas americana</i>)	July 16, 2011	Area south of lake	Ball (2011)	- One specimen observed during the 14 th Annual

Petroglyphs Butterfly Count.

July 21, 2012	Area south of lake	Ball and Parker (2012)	- Two specimens observed during the 15 th Annual Petroglyphs Butterfly Count.
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American lady butterfly (<i>Vanessa virginiensis</i>)	Historic	Lakewide	MNR (2003aa)	-
	July 16, 2011	Area south of lake	Ball (2011)	- One specimen observed during the 14 th Annual Petroglyphs Butterfly Count.
	May 19, 2012	East Bay	Ford (2013)	- Specimen identified by Bob Bowles.
	July 21, 2012	Area south of lake	Ball and Parker (2012)	- Ten specimens observed during the 15 th Annual Petroglyphs Butterfly Count.
	July 20, 2013	Area south of lake	Parker and Ball (2013)	- Six specimens observed during the 16 th Annual Petroglyphs Butterfly Count.
	July 19, 2014	Area around the lake	Ball and Parker (2014)	- Fourteen specimens observed during the 17 th Annual Petroglyphs Butterfly

Count.

Aphrodite fritillary butterfly (<i>Speyeria aphrodite</i>)	Historic	Lakewide	MNR (2003a)	-
	July 16, 2011	Area south of lake	Ball (2011)	- Eighty specimens observed during the 14 th Annual Petroglyphs Butterfly Count.
	July 21, 2012	Area south of lake	Ball and Parker (2012)	- Sixty-two specimens observed during the 15 th Annual Petroglyphs Butterfly Count.
	July 20, 2013	Area south of lake	Parker and Ball (2013)	- Fifty-two specimens observed during the 16 th Annual Petroglyphs Butterfly Count.
	July 19, 2014	Area around the lake	Ball and Parker (2014)	- Seventy-eight specimens observed during the 17 th Annual Petroglyphs Butterfly Count.
Appalachian brown butterfly (<i>Satyrodes appalachia</i>)	Historic	Lakewide	MNR (2003a)	- Two specimens observed during the 16 th Annual Petroglyphs Butterfly Count.
	July 20, 2013	Area south of lake	Parker and Ball (2013)	

	July 19, 2014	Area around the lake	Ball and Parker (2014)	- Two specimens observed during the 17 th Annual Petroglyphs Butterfly Count.
Arctic skipper butterfly (<i>Carterocephalus palaemon</i>)	Historic	Lakewide	MNR (2003a)	-
Atlantis fritillary butterfly (<i>Speyeria atlantis</i>)	Historic	Lakewide	MNR (2003a)	-
	July 21, 2012	Area south of lake	Ball and Parker (2012)	- Six specimens observed during the 15 th Annual Petroglyphs Butterfly Count.
	July 20, 2013	Area south of lake	Parker and Ball (2013)	- Thirteen specimens observed during the 16 th Annual Petroglyphs Butterfly Count.
	July 19, 2014	Area around the lake	Ball and Parker (2014)	- Three specimens observed during the 17 th Annual Petroglyphs Butterfly Count.
Ashy clubtail dragonfly (<i>Gomphus lividus</i>)	Historic	Jack Creek	MNR (2003b)	-
Banded hairstreak	Historic	Lakewide	MNR (2003a)	-

butterfly (<i>Satyrrium calanus</i>)	July 16, 2011	Area south of lake	Ball (2011)	- 143 specimens observed during the 14 th Annual Petroglyphs Butterfly Count.
	July 21, 2012	Area south of lake	Ball and Parker (2012)	- Three specimens observed during the 15 th Annual Petroglyphs Butterfly Count.
	July 20, 2013	Area south of lake	Parker and Ball (2013)	- Forty-eight specimens observed during the 16 th Annual Petroglyphs Butterfly Count.
	July 19, 2014	Area around the lake	Ball and Parker (2014)	- Twenty-two specimens observed during the 17 th Annual Petroglyphs Butterfly Count.
Black shouldered spinylegs dragonfly (<i>Dromogomphus spinosus</i>)	Summer 2013	Rathbun Bay	Kristi Maquire	- Photo taken of dragonfly emerging from its nymph case. - Speciman identified by Bob Bowles.
Black swallowtail butterfly (<i>Papilio polyxenes</i>)	Historic	Lakewide	MNR (2003a)	-
	July 16, 2011	Area south of lake	Ball (2011)	- One specimea observed during the

14th Annual
Petroglyphs Butterfly
Count.

July 19, 2014

Area around lake

Ball and Parker
(2014)

- One specimen
observed during the
17th Annual
Petroglyphs Butterfly
Count.

Bog copper butterfly
(*Lycaena epixanthe*)

July 16, 2011

Area south of lake

Ball (2011)

- Thirty-five
specimens observed
during the 14th
Annual Petroglyphs
Butterfly Count.

July 21, 2012

Area south of lake

Ball and Parker
(2012)

- Five specimens
observed during the
15th Annual
Petroglyphs Butterfly
Count.

July 20, 2013

Area south of lake

Parker and Ball
(2013)

- One specimen
observed during the
16th Annual
Petroglyphs Butterfly
Count.

July 19, 2014

Area around lake

Ball and Parker
(2014)

- One specimen
observed during the
17th Annual
Petroglyphs Butterfly
Count.
-

Broad winged skipper butterfly (<i>Poanes viator</i>)	Historic	Lakewide	MNR (2003a)	-
	July 16, 2011	Area south of lake	Ball (2011)	- 703 specimens observed during the 14 th Annual Petroglyphs Butterfly Count.
	July 21, 2012	Area south of lake	Ball and Parker (2012)	- 138 specimens observed during the 15 th Annual Petroglyphs Butterfly Count.
	July 20, 2013	Area south of lake	Parker and Ball (2013)	- 482 specimens observed during the 16 th Annual Petroglyphs Butterfly Count.
	July 19, 2014	Area around the lake	Ball and Parker (2014)	- 260 specimens observed during the 17 th Annual Petroglyphs Butterfly Count.
Bronze copper butterfly (<i>Lycaena hyllus</i>)	Historic	Lakewide	MNR (2003a)	-
	July 21, 2012	Area south of lake	Ball and Parker (2012)	- One specimen observed during the 15 th Annual Petroglyphs Butterfly Count.
Cabbage white butterfly	Historic	Lakewide	MNR (2003a)	-

(*Pieris rapae*)

July 16, 2011	Area south of lake	Ball (2011)	- Seven specimens observed during the 14 th Annual Petroglyphs Butterfly Count.
July 21, 2012	Area south of lake	Ball and Parker (2012)	- Thirty specimens observed during the 15 th Annual Petroglyphs Butterfly Count.
July 20, 2013	Area south of lake	Parker and Ball (2013)	- Three specimens observed during the 16 th Annual Petroglyphs Butterfly Count.
July 19, 2014	Area around lake	Ball and Parker (2014)	- Twenty specimens observed during the 17 th Annual Petroglyphs Butterfly Count.

Canada darner dragonfly (<i>Aeshna canadensis</i>)	June 18, 2011	Finger Bay area	Bob Bowles, Neill Lanz and Denyse Martial	-
Canada tiger swallowtail butterfly (<i>Papilio canadensis</i>)	Historic	Lakewide	MNR (2003a)	-
	July 16, 2011	Area south of lake	Ball (2011)	- Two specimens observed during the 14 th Annual Petroglyphs Butterfly

Count.

	July 19, 2014	Area around lake	Ball and Parker (2014)	- Three specimens observed during the 17 th Annual Petroglyphs Butterfly Count.
Chalk fronted corporal dragonfly (<i>Ladona julia</i>)	June 18, 2011	Finger Bay area	Bob Bowles, Neill Lanz and Denyse Martial	-
Chryxus arctic butterfly (<i>Oeneis chryxus</i>)	Historic	Lakewide	MNR (2003a)	-
Clouded sulphur butterfly (<i>Colias philodice</i>)	Historic	Lakewide	MNR (2003a)	-
	July 16, 2011	Area south of lake	Ball (2011)	- Twenty-eight specimens were observed during the 14 th Annual Petroglyphs Butterfly Count.
	July 21, 2012	Area south of lake	Ball and Parker (2012)	- Forty-four specimens were observed during the 15 th Annual Petroglyphs Butterfly Count.
	July 20, 2013	Area south of lake	Parker and Ball (2013)	- Fifty-five specimens observed during the 16 th Annual Petroglyphs Butterfly Count.

	July 19, 2014	Area around lake	Ball and Parker (2014)	- Eighty-seven specimens observed during the 17 th Annual Petroglyphs Butterfly Count.
Columbine duskywing (<i>Erynnis lucillus</i>)	Historic	Lakewide	MNR (2003a)	-
	July 16, 2011	Area south of lake	Ball (2011)	- Forty-one specimens observed during the 14 th Annual Petroglyphs Butterfly Count.
	July 21, 2012	Area south of lake	Ball and Parker (2012)	- 126 specimens observed during the 15 th Annual Petroglyphs Butterfly Count.
	July 20, 2013	Area south of lake	Parker and Ball (2013)	- Nine specimens observed during the 16 th Annual Petroglyphs Butterfly Count.
	July 19, 2014	Area around the lake	Ball and Parker (2014)	- Forty-three specimens observed during the 17 th Annual Petroglyphs Butterfly Count.
Common buckeye	July 21, 2012	Area south of lake	Ball and Parker	- Two specimens

butterfly (<i>Junonia coenia</i>)			(2012)	observed during the 15 th Annual Petroglyphs Butterfly Count.
	July 20, 2013	Area south of lake	Parker and Ball (2013)	- One specimen observed during the 16 th Annual Petroglyphs Butterfly Count.
	July 19, 2014	Area around the lake	Ball and Parker (2014)	- One specimen observed during the 17 th Annual Petroglyphs Butterfly Count.
Common green darner (<i>Anax junius</i>)	April 26, 2011	Not recorded	Bob Bowles, Neill Lanz and Denyse Martial	-
Common ringlet butterfly (<i>Coenonympha tullia</i>)	Historic	Lakewide	MNR (2003a)	-
	July 20, 2013	Area south of lake	Parker and Ball (2013)	- One specimen observed during the 16 th Annual Petroglyphs Butterfly Count.
	July 19, 2014	Area around the lake	Ball and Parker (2014)	- Two specimens observed during the 17 th Annual Petroglyphs Butterfly Count.

Common roadside skipper butterfly (<i>Amplyscirtes vialis</i>)	Historic	Lakewide	MNR (2003a)	-
Common sanddragon dragonfly (<i>Progomphus obscurus</i>)	Historic	Jack Creek	MNR (2003b)	- Jack Creek is only known breeding area in the province.
Common whitetail dragonfly (<i>Plathemis lydia</i>)	June 18, 2011	Finger Bay area	Bob Bowles, Neill Lanz and Denyse Martial	-
Common wood nymph butterfly (<i>Cercyonis pegala</i>)	Historic	Lakewide	MNR (2003a)	-
	July 16, 2011	Area south of lake	Ball (2011)	- Nineteen specimens observed during the 14 th Annual Petroglyphs Butterfly Count.
	July 21, 2012	Area south of lake	Ball and Parker (2012)	- Forty-nine specimens observed during the 15 th Annual Petroglyphs Butterfly Count.
	July 20, 2013	Area south of lake	Parker and Ball (2013)	- Seventy specimens observed during the 16 th Annual Petroglyphs Butterfly Count.
	July 19, 2014	Area around the lake	Ball and Parker (2014)	- Twenty-eight specimens observed during the 17 th Annual Petroglyphs

Butterfly Count.

Compton tortoiseshell butterfly (<i>Nymphalis vaualbum</i>)	Historic	Lakewide	MNR (2003a)	-
Coral hairstreak butterfly (<i>Satyrrium titus</i>)	Historic	Lakewide	MNR (2003a)	-
	July 16, 2011	Area south of lake	Ball (2011)	- Seventy-four specimens observed during the 14 th Annual Petroglyphs Butterfly Count.
	July 21, 2012	Area south of lake	Ball and Parker (2012)	- Four specimens observed during the 15 th Annual Petroglyphs Butterfly Count.
	July 20, 2013	Area south of lake	Parker and Ball (2013)	- Forty-three specimens observed during the 16 th Annual Petroglyphs Butterfly Count.
	July 19, 2014	Area around the lake	Ball and Parker (2014)	- Thirty-three specimens observed during the 17 th Annual Petroglyphs Butterfly Count.
Cross line skipper butterfly (<i>Polites manataaqua</i>)	July 16, 2011	Area south of lake	Ball (2011)	- Sixteen specimens observed during the 14 th Annual

Petroglyphs Butterfly Count.

July 20, 2013	Area south of lake	Parker and Ball (2013)	- Twelve specimens observed during the 16 th Annual Petroglyphs Butterfly Count.
July 19, 2014	Area around the lake	Ball and Parker (2014)	- Five specimens observed during the 17 th Annual Petroglyphs Butterfly Count.

Delaware skipper butterfly (<i>Anatrytone logan</i>)	Historic	Lakewide	MNR (2003a)	-
	July 16, 2011	Area south of lake	Ball (2011)	- 105 specimens observed during the 14 th Annual Petroglyphs Butterfly Count.
	July 21, 2012	Area south of lake	Ball and Parker (2012)	- Thirty-eight specimens observed during the 15 th Annual Petroglyphs Butterfly Count.
	July 20, 2013	Area south of lake	Parker and Ball (2013)	- 163 specimens observed during the 16 th Annual Petroglyphs Butterfly Count.

	July 19, 2014	Area around the lake	Ball and Parker (2014)	- Seventy specimens observed during the 17 th Annual Petroglyphs Butterfly Count.
Dion skipper butterfly (<i>Euphyes dion</i>)	Historic	Lakewide	MNR (2003a)	-
	July 16, 2011	Area south of lake	Ball (2011)	- Eight specimens observed during the 14 th Annual Petroglyphs Butterfly Count.
	July 21, 2012	Area south of lake	Ball and Parker (2012)	- Sixteen specimens observed during the 15 th Annual Petroglyphs Butterfly Count.
	July 20, 2013	Area south of lake	Parker and Ball (2013)	- 113 specimens observed during the 16 th Annual Petroglyphs Butterfly Count.
	July 19, 2014	Area around the lake	Ball and Parker (2014)	- Twelve specimens observed during the 17 th Annual Petroglyphs Butterfly Count.
Dot tailed whiteface dragonfly	June 18, 2011	Finger Bay area	Bob Bowles, Neill Lanz and Denyse	-

(*Leucorrhinia intacta*)

Martial

Dragonhunter (<i>Hagenius brevistylus</i>)	Historic	Jack Creek	MNR (2003b)	-
Dreamy duskywing butterfly (<i>Erynnis icelus</i>)	Historic	Lakewide	MNR (2003a)	-
	July 21, 2012	Area south of lake	Ball and Parker (2012)	- Three specimens observed during the 15 th Annual Petroglyphs Butterfly Count.
	July 20, 2013	Area south of lake	Parker and Ball (2013)	- One specimen observed during the 16 th Annual Petroglyphs Butterfly Count.
Dun skipper butterfly (<i>Euphyes vestris</i>)	Historic	Lakewide	MNR (2003a)	-
	July 16, 2011	Area south of lake	Ball (2011)	- 2,884 specimens observed during the 14 th Annual Petroglyphs Butterfly Count.
	July 21, 2012	Area south of lake	Ball and Parker (2012)	- Approximately 2,000 specimens observed during the 15 th Annual Petroglyphs Butterfly Count.
	July 20, 2013	Area south of lake	Parker and Ball	- 2,760 specimens

			(2013)	observed during the 16 th Annual Petroglyphs Butterfly Count.
	July 19, 2014	Area around the lake	Ball and Parker (2014)	- 863 specimens observed during the 17 th Annual Petroglyphs Butterfly Count.
Dusty clubtail dragonfly (<i>Gomphus spicatus</i>)	June 18, 2011	Finger Bay area	Bob Bowles, Neill Lanz and Denyse Martial	-
Eastern comma butterfly (<i>Polygonia comma</i>)	Historic	Lakewide	MNR (2003a)	-
	April 26-27, 2011	Long Bay	Bob Bowles, Neill Lanz and Denyse Martial	-
	July 21, 2012	Area south of lake	Ball and Parker (2012)	- One specimen observed during the 15 th Annual Petroglyphs Butterfly Count.
	July 19, 2014	Area around the lake	Ball and Parker (2014)	- Four specimens observed during the 17 th Annual Petroglyphs Butterfly Count.
Eastern pine elfin	Historic	Lakewide	MNR (2003a)	-

(Incisalia niphon)

Eastern pondhawk dragonfly <i>(Erythemis simplicicollis)</i>	June 18, 2011	Finger Bay area	Bob Bowles, Neill Lanz and Denyse Martial	- One specimen observed during the 14 th Annual Petroglyphs Butterfly Count.
Eastern tailed blue butterfly <i>(Cupido comyntas)</i>	July 16, 2011	Area south of lake	Ball (2011)	- Five specimens observed during the 14 th Annual Petroglyphs Butterfly Count.
	July 21, 2012	Area south of lake	Ball and Parker (2012)	- Ten specimens observed during the 15 th Annual Petroglyphs Butterfly Count.
	July 20, 2013	Area south of lake	Parker and Ball (2013)	- Fourteen specimens observed during the 16 th Annual Petroglyphs Butterfly Count.
	July 19, 2014	Area around lake	Ball and Parker (2014)	- Four specimens observed during the 17 th Annual Petroglyphs Butterfly Count.
Eastern tiger swallowtail butterfly <i>(Papilio glaucus)</i>	July 16, 2011	Area south of lake	Ball (2011)	- Two specimens observed during the 14 th Annual Petroglyphs Butterfly

Count.

July 21, 2012	Area south of lake	Ball and Parker (2012)	-	Two specimens observed during the 15 th Annual Petroglyphs Butterfly Count.
July 20, 2013	Area south of lake	Parker and Ball (2013)	-	Two specimens observed during the 16 th Annual Petroglyphs Butterfly Count.
July 19, 2014	Area around lake	Ball and Parker (2014)	-	Three specimens observed during the 17 th Annual Petroglyphs Butterfly Count.

Ebony jewelwing dragonfly (<i>Calopteryx maculate</i>)	June 18, 2011	Finger Bay area	Bob Bowles, Neill Lanz and Denyse Martial	-
Edwards hairstreak butterfly (<i>Satyrium edwardsii</i>)	July 16, 2011	Area south of lake	Ball (2011)	- Three specimens observed during the 14 th Annual Petroglyphs Butterfly Count.
	July 20, 2013	Area south of lake	Parker and Ball (2013)	- One specimen observed during the 16 th Annual Petroglyphs Butterfly Count.

July 19, 2014	Area around lake	Ball and Parker (2014)	- Two specimens observed during the 17 th Annual Petroglyphs Butterfly Count.
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European skipper butterfly (<i>Thymelicus lineola</i>)	Historic	Lakewide	MNR (2003a)	-
	July 16, 2011	Area south of lake	Ball (2011)	- 135 specimens observed during the 14 th Annual Petroglyphs Butterfly Count.
	July 21, 2012	Area south of lake	Ball and Parker (2012)	- Seven specimens observed during the 15 th Annual Petroglyphs Butterfly Count.
	July 20, 2013	Area south of lake	Parker and Ball (2013)	- Thirty-three specimens observed during the 16 th Annual Petroglyphs Butterfly Count.
	July 19, 2014	Area around the lake	Ball and Parker (2014)	- Fifty-six specimens observed during the 17 th Annual Petroglyphs Butterfly Count.

Eyed brown butterfly (<i>Satyrodes eurydice</i>)	Historic	Lakewide	MNR (2003a)	-
	July 16, 2011	Area south of lake	Ball (2011)	- Fifty-three specimens observed during the 14 th Annual Petroglyphs Butterfly Count.
	July 21, 2012	Area south of lake	Ball and Parker (2012)	- Four specimens observed during the 15 th Annual Petroglyphs Butterfly Count.
	July 20, 2013	Area south of lake	Parker and Ball (2013)	- Seventy-eight specimens observed during the 16 th Annual Petroglyphs Butterfly Count.
	July 19, 2014	Area around the lake	Ball and Parker (2014)	- Seventy-eight specimens observed during the 17 th Annual Petroglyphs Butterfly Count.
Fawn darner damselfly (<i>Boyeria vinosa</i>)	Historic	Jack Creek	MNR (2003b)	-
Gray hairstreak butterfly (<i>Strymon melinus</i>)	July 16, 2011	Area south of lake	Ball (2011)	- Ten specimens observed during the 14 th Annual Petroglyphs Butterfly Count.

	July 20, 2013	Area south of lake	Parker and Ball (2013)	- One specimen observed during the 16 th Annual Petroglyphs Butterfly Count.
	July 19, 2014	Area around the lake	Ball and Parker (2014)	- Three specimens observed during the 17 th Annual Petroglyphs Butterfly Count.
Great spangled fritillary butterfly (<i>Speyeria cybele</i>)	Historic	Lakewide	MNR (2003a)	-
	July 16, 2011	Area south of lake	Ball (2011)	- Forty-one specimens observed during the 14 th Annual Petroglyphs Butterfly Count.
	July 21, 2012	Area south of lake	Ball and Parker (2012)	- Seventeen specimens observed during the 15 th Annual Petroglyphs Butterfly Count.
	July 20, 2013	Area south of lake	Parker and Ball (2013)	- 136 specimens observed during the 16 th Annual Petroglyphs Butterfly Count.
	July 19, 2014	Area around the lake	Ball and Parker (2014)	- Sixty-one specimens observed during the 17 th Annual

				Petroglyphs Butterfly Count.
Green comma butterfly (<i>Polygonia faunus</i>)	Historic	Lakewide	MNR (2003a)	-
Grey comma butterfly (<i>Polygonia progne</i>)	Historic	Lakewide	MNR (2003a)	-
	July 16, 2011	Area south of lake	Ball (2011)	- Three specimens observed during the 14 th Annual Petroglyphs Butterfly Count.
	July 21, 2012	Area south of lake	Ball and Parker (2012)	- One specimen observed during the 15 th Annual Petroglyphs Butterfly Count.
	July 19, 2014	Area around the lake	Ball and Parker (2014)	- Eight specimens observed during the 17 th Annual Petroglyphs Butterfly Count.
Harris checkerspot butterfly (<i>Chlosyne harrisii</i>)	Historic	Lakewide	MNR (2003a)	-
Harvester butterfly (<i>Feniseca tarquinius</i>)	Historic	Lakewide	MNR (2003a)	-
	July 21, 2012	Area south of lake	Ball and Parker (2012)	- Two specimens observed during the 15 th Annual

	July 19, 2014	Area around lake	Ball and Parker (2014)	-	Petroglyphs Butterfly Count. One specimen observed during the 17 th Annual Petroglyphs Butterfly Count.
Henrys elfin (<i>Incisalia henrici</i>)	Historic	Lakewide	MNR (2003a)	-	
Hickory hairstreak butterfly (<i>Satyrrium caryaevorus</i>)	July 20, 2013	Area around the lake	Parker and Ball (2013)	-	Four specimens observed during the 16 th Annual Petroglyphs Butterfly Count.
	July 19, 2014	Area around the lake	Ball and Parker (2014)	-	Two specimens observed during the 17 th Annual Petroglyphs Butterfly Count.
Hobomok skipper butterfly (<i>Poanes hobomok</i>)	Historic	Lakewide	MNR (2003a)	-	
	July 20, 2013	Area south of lake	Parker and Ball (2013)	-	Eleven specimens observed during the 16 th Annual Petroglyphs Butterfly Count.
	July 19, 2014	Area around the lake	Ball and Parker (2014)	-	One specimen observed during the

					17 th Annual Petroglyphs Butterfly Count.
Illinois River cruiser dragonfly (<i>Macromia illinoiensis</i>)	Historic	Jack Creek	MNR (2003b)	-	A relatively uncommon species.
Imperial moth (<i>Antheraea polyphemus</i>)	June, 2012	Brooks Bay (northwest shoreline)	Sheelagh Hysenaj	-	Mating pair.
	June, 2012	East Bay	Margaret McKay	-	
	July, 2013	Southeast end of lake	Bob McClanahan	-	
Indian skipper butterfly (<i>Hesperla sassacus</i>)	Historic	Lakewide	MNR (2003a)	-	
Juvenal's duskywing butterfly (<i>Erynnis juvenalis</i>)	Historic	Lakewide	MNR (2003a)	-	
Least clubtail dragonfly (<i>Stylogomphus albistylus</i>)	Historic	Jack Creek	MNR (2003b)	-	
Least skipper butterfly (<i>Ancyloxpha numitor</i>)	Historic	Lakewide	MNR (2003a)	-	
	July 16, 2011	Area south of lake	Ball (2011)	-	Fifty-three specimens observed during the 14 th Annual Petroglyphs Butterfly Count.
	July 21, 2012	Area south of lake	Ball and Parker	-	Two specimens

			(2012)	observed during the 15 th Annual Petroglyphs Butterfly Count.
	July 20, 2013	Area south of lake	Parker and Ball (2013)	- Twenty-eight specimens observed during the 16 th Annual Petroglyphs Butterfly Count.
	July 19, 2014	Area around the lake	Ball and Parker (2014)	- Twenty-three specimens observed during the 17 th Annual Petroglyphs Butterfly Count.
Leonard's skipper butterfly (<i>Hesperla leonardus</i>)	Historic	Lakewide	MNR (2003a)	-
Little wood satyr butterfly (<i>Megisto cymela</i>)	Historic	Lakewide	MNR (2003a)	-
	July 20, 2013	Area south of lake	Parker and Ball (2013)	- Two specimens observed during the 16 th Annual Petroglyphs Butterfly Count.
	July 19, 2014	Area around the lake	Ball and Parker (2014)	- Seven specimens observed during the 17 th Annual Petroglyphs Butterfly Count.

Little glassywing butterfly (<i>Pompeius verna</i>)	July 21, 2012	Area south of lake	Ball and Parker (2012)	- One specimen observed during the 15 th Annual Petroglyphs Butterfly Count.
	July 20, 2013	Area south of lake	Parker and Ball (2013)	- Fifteen specimens observed during the 16 th Annual Petroglyphs Butterfly Count.
	July 19, 2014	Area around the lake	Ball and Parker (2014)	- Twelve specimens observed during the 17 th Annual Petroglyphs Butterfly Count.
Long-dash skipper butterfly (<i>Polites mystic</i>)	Historic	Lakewide	MNR (2003a)	-
	July 16, 2011	Area south of lake	Ball (2011)	- Twelve specimens observed during the 14 th Annual Petroglyphs Butterfly Count.
	July 21, 2012	Area south of lake	Ball and Parker (2012)	- Three specimens observed during the 15 th Annual Petroglyphs Butterfly Count.
	July 20, 2013	Area south of lake	Parker and Ball (2013)	- Thirteen specimens observed during the

	July 19, 2014	Area around the lake	Ball and Parker (2014)	-	16 th Annual Petroglyphs Butterfly Count. Twelve specimens observed during the 17 th Annual Petroglyphs Butterfly Count.
Luna moth (<i>Actias luna</i>)	May 21, 2012	Brooks Bay (northwest shoreline)	Sheelagh Hysenaj	-	Stayed throughout the day.
	August 9, 2013	Sheeps Bay	Doyne Saunders	-	Large colourful caterpillar – photo taken.
Mayfly (<i>Callibaetis</i>)	Summer, 2012	McCoy Bay	Greg Herring	-	
Meadow fritillary butterfly (<i>Boloria bellona</i>)	July 20, 2013	Area south of lake	Parker and Ball (2012)	-	One specimen observed during the 16 th Annual Petroglyphs Butterfly Count.
Milbert's tortoiseshell (<i>Nymphalis milberti</i>)	Historic	Lakewide	MNR (2003a)	-	
Monarch butterfly (<i>Danaus plexippus</i>)	Historic	Lakewide	MNR (2003a), Hysenaj (2009), JLA (2010)	-	Designated as a species at risk (Special Concern)
	July 16, 2011	Area south of lake	Ball (2011)	-	Twenty specimens observed during the

				14 th Annual Petroglyphs Butterfly Count.
	July 21, 2012	Area south of lake	Ball and Parker (2012)	- 301 specimens observed during the 15 th Annual Petroglyphs Butterfly Count.
	July 20, 2013	Area south of lake	Parker and Ball (2013)	- Seven specimens observed during the 16 th Annual Petroglyphs Butterfly Count.
	August, 2014	Robbins Bay (west side)	Rod Crawford	-
	July 19, 2014	Around the lake	Ball and Parker (2014)	- Sixty-two specimens observed during the 17 th Annual Petroglyphs Butterfly Count.
	August, 2014	Robbins Bay (west side)	Rod Crawford	-
	Summer, 2014	Sharpes Bay	Judy Kiffer	- Two specimens observed.
	Not recorded	East Bay (Kodak Island)	Hugh Spence	-
Mourning cloak butterfly (<i>Nymphalis antiopa</i>)	Historic	Lakewide	MNR (2003a)	-
	April 26, 2011	Not recorded	Bob Bowles, Neill	-

			Lanz and Denyse Martial		
	May 4-5, 2013	Brooks Bay (northwest corner)	Sheelagh Hysenaj	-	
	July 20, 2013	Area south of lake	Parker and Ball (2013)	-	Five specimens observed during the 16 th Annual Petroglyphs Butterfly Count.
	July 19, 2014	Area around the lake	Ball and Parker (2014)	-	Seven specimens observed during the 17 th Annual Petroglyphs Butterfly Count.
Moustached clubtail dragonfly (<i>Gomphus adelphus</i>)	Historic	Jack's Creek	MNR (2003b)	-	A relatively uncommon species
Mulberry wing butterfly (<i>Poanes massasoit</i>)	Historic	Lakewide	MNR (2003a)	-	
	July 16, 2011	Area south of lake	Ball (2011)	-	Seventy-one specimens observed during the 14 th Annual Petroglyphs Butterfly Count.
	July 21, 2012	Area south of lake	Ball and Parker (2012)	-	Seven specimens observed during the 15 th Annual Petroglyphs Butterfly Count.

	July 20, 2013	Area south of lake	Parker and Ball (2013)	- 131 specimens observed during the 16 th Annual Petroglyphs Butterfly Count.
	July 19, 2014	Area around the lake	Ball and Parker (2014)	- 149 specimens observed during the 17 th Annual Petroglyphs Butterfly Count.
Mustard white butterfly (<i>Pieris oleracea</i>)	Historic	Lakewide	MNR (2003a)	-
	July 16, 2011	Area south of lake	Ball (2011)	- Two specimens observed during the 14 th Annual Petroglyphs Butterfly Count.
	July 21, 2012	South end of lake	Ball and Parker (2012)	- Two specimens observed during the 15 th Annual Petroglyphs Butterfly Count.
	July 20, 2013	South end of lake	Parker and Ball (2013)	- Three specimens observed during the 16 th Annual Petroglyphs Butterfly Count.
	July 19, 2014	Area around lake	Ball and Parker	- Two specimens

			(2014)	observed during the 17 th Annual Petroglyphs Butterfly Count.
Northern broken dash butterfly (<i>Wallengrenia egeremet</i>)	Historic	Lakewide	MNR (2003a)	-
	July 16, 2011	Area south of lake	Ball (2011)	- Thirteen specimens observed during the 14 th Annual Petroglyphs Butterfly Count.
	July 21, 2012	Area south of lake	Ball and Parker (2012)	- Ten specimens observed during the 15 th Annual Petroglyphs Butterfly Count.
	July 20, 2013	Area south of lake	Parker and Ball (2013)	- Thirty-seven specimens observed during the 16 th Annual Petroglyphs Butterfly Count.
	July 19, 2014	Area around the lake	Ball and Parker (2014)	- Ten specimens observed during the 17 th Annual Petroglyphs Butterfly Count.
Northern caddisfly (<i>Limnephilidae</i>)	Summer, 2012	Little Jack Creek and Forest Glen marina	Greg Herring	-
Northern cloudywing	Historic	Lakewide	MNR (2003a)	

butterfly (<i>Thorybes pylades</i>)	July 16, 2011	Area south of lake	Ball (2011)	- One specimen observed during the 14 th Annual Petroglyphs Butterfly Count.
Northern crescent butterfly (<i>Phyciodes cocyta</i>)	Historic	Lakewide	MNR (2003a)	-
	July 16, 2011	Area south of lake	Ball (2011)	- 223 specimens observed during the 14 th Annual Petroglyphs Butterfly Count.
	July 2012	Williams Bay	Shari Fulmer	- Photograph taken.
	July 21, 2012	Area south of lake	Ball and Parker (2012)	- Twenty-one specimens observed during the 15 th Annual Petroglyphs Butterfly Count.
	July 20, 2013	Area south of lake	Parker and Ball (2013)	- 411 specimens observed during the 16 th Annual Petroglyphs Annual Butterfly Count.
	July 19, 2014	Area around the lake	Ball and Parker (2014)	- 301 specimens observed during the 17 th Annual Petroglyphs Butterfly Count.
Northern pearly eye	Historic	Lakewide	MNR (2003a)	-

butterfly (<i>Enodia anthedon</i>)	July 16, 2011	Area south of lake	Ball (2011)	- Twelve specimens observed during the 14 th Annual Petroglyphs Butterfly Count.
	July 21, 2012	Area south of lake	Ball and Parker (2012)	- Ten specimens observed during the 15 th Annual Petroglyphs Butterfly Count.
	July 20, 2013	Area south of lake	Parker and Ball (2013)	- Twelve specimens observed during the 16 th Annual Petroglyphs Butterfly Count.
	July 19, 2014	Area around the lake	Ball and Parker (2014)	- Thirty-nine individual specimens observed during the 17 th Annual Petroglyphs Butterfly Count.
Olympic marble butterfly (<i>Euchloe olympia</i>)	Historic	Lakewide	MNR (2003a)	-
Orange sulphur butterfly (<i>Colias eurytheme</i>)	Historic	Lakewide	MNR (2003a)	-
	July 16, 2011	Area south of lake	Ball (2011)	- One specimen observed during the 14 th Annual Petroglyphs Butterfly Count.

	July 21, 2012	Area south of lake	Ball and Parker (2012)	- Fifteen specimens observed during the 15 th Annual Petroglyphs Butterfly Count.
	July 20, 2013	Area south of lake	Parker and Ball (2013)	- One specimen observed during the 16 th Annual Petroglyphs Butterfly Count.
	July 19, 2014	Area around lake	Ball and Parker (2014)	- One specimen observed during the 17 th Annual Petroglyphs Butterfly Count.
Painted lady butterfly (<i>Vanessa cardui</i>)	Historic	Lakewide	MNR (2003a)	-
	May 19, 2012	East Bay	Ford (2013)	- Specimen identified by B. Bowles.
Pearl crescent butterfly (<i>Phyciodes tharos</i>)	Historic	Lakewide	MNR (2003a)	-
	July 16, 2011	Area south of lake	Ball (2011)	- Thirty-one specimens observed during the 14 th Annual Petroglyphs Butterfly Count.
	July 21, 2012	Area south of lake	Ball and Parker (2012)	- Thirty specimens observed during the 15 th Annual Petroglyphs Butterfly

				Count.
	July 20, 2013	Area south of lake	Parker and Ball (2013)	- Fifty specimens observed during the 16 th Annual Petroglyphs Butterfly Count.
	July 19, 2014	Area around the lake	Ball and Parker (2014)	- Thirty-one specimens observed during the 17 th Annual Petroglyphs Butterfly Count.
Peck's skipper butterfly (<i>Polites peckius</i>)	Historic	Lakewide	MNR (2003a)	-
	July 16, 2011	Area south of lake	Ball (2011)	- Fifty-seven specimens observed during the 14 th Annual Petroglyphs Butterfly Count.
	July 21, 2012	Area south of lake	Ball and Parker (2012)	- Twenty-eight specimens observed during the 15 th Annual Petroglyphs Butterfly Count.
	July 20, 2013	Area south of lake	Parker and Ball (2013)	- Seventy-three specimens observed during the 16 th Annual Petroglyphs Butterfly Count.

	July 19, 2014	Area around the lake	Ball and Parker (2014)	-	Thirty-two specimens observed during the 17 th Annual Petroglyphs Butterfly Count.
Pink edged sulphur butterfly (<i>Colias interior</i>)	Historic	Lakewide	MNR (2003a)	-	
	July 16, 2011	Area south of lake	Ball (2011)	-	Forty-five specimens observed during the 14 th Annual Petroglyphs Butterfly Count.
	July 21, 2012	Area south of lake	Ball and Parker (2012)	-	Five specimens observed during the 15 th Annual Petroglyphs Butterfly Count.
	July 20, 2013	Area south of lake	Parker and Ball (2013)	-	Eight specimens observed during the 16 th Annual Petroglyphs Butterfly Count.
	July 19, 2014	Area around lake	Ball and Parker (2014)	-	Fifteen specimens observed during the 17 th Annual Petroglyphs Butterfly Count.
Powdered dancer damselfly (<i>Argia moesta</i>)	Historic	Jack Creek	MNR (2003b)		

Question mark butterfly (<i>Polygonia interrogationis</i>)	Historic	Lakewide	MNR (2003a)	-
	April 26, 2011	Not recorded	Bob Bowles, Neill Lanz and Denyse Martial	-
	July 21, 2012	Area south of lake	Ball and Parker (2012)	- Two specimens observed during the 15 th Annual Petroglyphs Butterfly Count.
	July 20, 2013	Area south of lake	Parker and Ball (2013)	- One specimen observed during the 16 th Annual Petroglyphs Butterfly Count.
Racket tailed emerald dragonfly (<i>Dorocordulia libera</i>)	June 18, 2011	Finger Bay area	Bob Bowles, Neill Lanz and Denyse Martial	-
Red admiral butterfly (<i>Vanessa atalanta</i>)	Historic	Lakewide	MNR (2003a)	-
	July 21, 2012	Area south of lake	Ball and Parker (2012)	- One specimen observed during the 15 th Annual Petroglyphs Butterfly Count.
	July 19, 2014	Area around the lake	Ball and Parker (2014)	- Two specimens observed during the 17 th Annual Petroglyphs Butterfly

				Count.
River jewelwing damselfly (<i>Calopteryx aequabilis</i>)	Historic	Jack Creek	MNR (2003b)	-
Rusty snaketail dragonfly (<i>Ophiogomphus rupinsulensis</i>)	Historic	Jack Creek	MNR (2003b)	-
Silver bordered fritillary butterfly (<i>Boloria selene</i>)	Historic	Lakewide	MNR (2003a)	-
	July 16, 2011	Area south of lake	Ball (2011)	- Two specimens observed during the 14 th Annual Petroglyphs Butterfly Count.
	July 21, 2012	Area south of lake	Ball and Parker (2012)	- Four specimens observed during the 15 th Annual Petroglyphs Butterfly Count.
	July 20, 2013	Area south of lake	Parker and Ball (2013)	- One specimen observed during the 16 th Annual Petroglyphs Butterfly Count.
Silver spotted skipper butterfly (<i>Epargyreus clarus</i>)	Historic	Lakewide	MNR (2003a)	-
	July 16, 2011	Area south of lake	Ball (2011)	- Two specimens observed during the 14 th Annual

	July 21, 2012	Area south of lake	Ball and Parker (2012)	-	Petroglyphs Butterfly Count. Eight specimens observed during the 15 th Annual Petroglyphs Butterfly Count.
	July 20, 2013	Area south of lake	Parker and Ball (2013)	-	One specimen observed during the 16 th Annual Petroglyphs Butterfly Count.
	July 19, 2014	Area around the lake	Ball and Parker (2014)	-	Two specimens observed during the 17 th Annual Petroglyphs Butterfly Count.
Silvery blue butterfly (<i>Glaucopsyche lygdamus</i>)	Historic	Lakewide	MNR (2003a)	-	
Silvery checkerspot (<i>Chlosyne nyceis</i>)	Historic	Lakewide	MNR (2003a)	-	
Spring azure butterfly (<i>Celastrina ladon</i>)	Historic	Lakewide	MNR (2003a)	-	
Stream bluet damselfly (<i>Enallagma exsulans</i>)	Historic	Jack Creek	MNR (2003b)	-	
Striped hairstreak butterfly (<i>Satyrrium liparops</i>)	Historic	Lakewide	MNR (2003a)	-	

	July 16, 2011	Area south of lake	Ball (2011)	- Two specimens observed during the 14 th Annual Petroglyphs Butterfly Count.
	July 20, 2013	Area south of lake	Parker and Ball (2013)	- Twenty-seven specimens observed during the 16 th Annual Petroglyphs Butterfly Count.
	July 19, 2014	Area around the lake	Ball and Parker (2014)	- Twenty-nine specimens observed during the 17 th Annual Petroglyphs Butterfly Count.
				-
Summer azure butterfly (<i>Celasrina negecta</i>)	Historic	Lakewide	MNR (2003a)	-
	July 16, 2011	Area south of lake	Ball (2011)	- Forty-two specimens observed during the 14 th Annual Petroglyphs Butterfly Count.
	July 21, 2012	Area south of lake	Ball and Parker (2012)	- Eight specimens observed during the 15 th Annual Petroglyphs Butterfly Count.
	July 20, 2013	Area south of lake	Parker and Ball (2013)	- Nine specimens observed during the 16 th Annual

	July 19, 2014	Area around the lake	Ball and Parker (2014)	-	Petroglyphs Butterfly Count. Forty-nine specimens observed during the 17 th Annual Petroglyphs Butterfly Count.
Tawny crescent butterfly (<i>Phycoides batesii</i>)	Historic	Lakewide	MNR (2003a)	-	
Tawny-edged skipper butterfly (<i>Polites themistocles</i>)	Historic	Lakewide	MNR (2003a)	-	
	July 16, 2011	Area south of lake	Ball (2011)	-	Sixteen specimens observed during the 14 th Annual Petroglyphs Butterfly Count.
	July 21, 2012	Area south of lake	Ball and Parker (2012)	-	Fourteen specimens observed during the 15 th Annual Petroglyphs Butterfly Count.
	July 20, 2013	Area south of lake	Parker and Ball (2013)	-	Eleven specimens observed during the 16 th Annual Petroglyphs Butterfly Count.
	July 19, 2014	Area around the lake	Ball and Parker (2014)	-	Nine specimens observed during the 17 th Annual

				Petroglyphs Butterfly Count.
Twin spotted spiketail dragonfly (<i>Cordulegaster maculata</i>)	Historic	Lakewide	MNR (2003b)	-
Two spotted skipper butterfly (<i>Euphyes bimacula</i>)	Historic	Lakewide	MNR (2003a)	-
	July 16, 2011	Area south of lake	Ball (2011)	- Three specimens observed during the 14 th Annual Petroglyphs Butterfly Count.
	July 20, 2013	Area south of lake	Parker and Ball (2013)	- Nineteen specimens observed during the 16 th Annual Petroglyphs Butterfly Count.
	July 19, 2014	Area around the lake	Ball and Parker (2014)	- Ten specimens observed during the 17 th Annual Petroglyphs Butterfly Count.
Variable dancer dragonfly (<i>Argia fumipennis violacea</i>)	Historic	Jack Creek	MNR (2003b)	-
Viceroy butterfly (<i>Limenitis archippus</i>)	Historic	Lakewide	MNR (2003a)	-

	July 16, 2011	Area south of lake	Ball (2011)	- Four specimens observed during the 14 th Annual Petroglyphs Butterfly Count.
	July 21, 2012	Area south of lake	Ball and Parker (2012)	- Twenty-nine specimens observed during the 15 th Annual Petroglyphs Butterfly Count.
	July 20, 2013	Area south of lake	Parker and Ball (2013)	- Four specimens observed during the 16 th Annual Petroglyphs Butterfly Count.
White admiral butterfly (<i>Limenitis arthemis</i>)	Historic	Lakewide	MNR (2003a)	-
	July 16, 2011	Area south of lake	Ball (2011)	- Twenty-four specimens observed during the 14 th Annual Petroglyphs Butterfly Count.
	July 21, 2012	Area south of lake	Ball and Parker (2012)	- Nine specimens observed during the 15 th Annual Petroglyphs Butterfly Count.
	July 20, 2013	Area south of lake	Parker and Ball (2013)	- Eleven specimens observed during the 16 th Annual Petroglyphs Butterfly

				Count.
	July 19, 2014	Around the lake	Ball and Parker (2014)	- Thirty-eight specimens observed during the 17 th Annual Petroglyphs Butterfly Count.
Zebra clubtail dragonfly (<i>Stylurus scudderi</i>)	Historic	Jack Creek	MNR (2003b)	- A relatively uncommon species. -

Insects (Aquatic)

Species	Date Observed	Location	Source	Misc. Comments
Caddisflies (<i>Trichoptera</i>)	August 13, 2007	Apsley Creek	MNR data	-
Crane flies (<i>Tipulidae</i>)	August 13, 2007	Apsley Creek	MNR data	-
Damselflies (<i>Zygoptera</i>)	August 13, 2007	Apsley Creek	MNR data	-
Dragonflies (<i>Anisoptera</i>)	August 13, 2007	Apsley Creek	MNR data	-
Giant water bug (<i>Belostoma</i> sp.)	September, 2012	Brooks Bay (northwest corner)	Sheelagh Hysenaj	- Specimen found in boat.
Glassworm (<i>Chaoborus</i> sp.)	Historic	Lakewide	MOE (1979)	-
Midges (<i>Chironomidea</i>)	August 13, 2007	Apsley Creek	MNR data	-
Mites (<i>Hydrachnida</i>)	August 13, 2007	Apsley Creek	MNR data	-
Roundworms (<i>Nematoda</i>)	August 13, 2007	Apsley Creek	MNR data	-
Scuds (<i>Amphipoda</i>)	August 13, 2007	Apsley Creek	MNR data	-

Sow bugs (<i>Isopoda</i>)	August 13, 2007	Apsley Creek	MNR data	-
Water boatman (<i>Corixidae</i>)	Summer, 2012	McCoy Bay	Greg Herring	- Egg laying adults.

Mammals

Species	Date Observed	Location	Source	Misc. Comments
Beaver (<i>Castor canadensis</i>)	Historic	Lakewide	Burt and Grossenheider (1952), Novak et al. (1987), JLA (2009)	-
	October 7, 2007	Robbins Bay	Steven Kerr	- Small specimen.
	July 25, 2008	Rathbun Bay	Steven Kerr	-
	August 12, 2009	Centre Bay	Steven Kerr	-
	May 23, 2010	East Bay	Steven Kerr	-
	June-July, 2010	Rathbun Bay	Steven Kerr	- Swimming animal observed on several occasions.
	April 26, 2011	Not recorded	Bob Bowles, Neill Lanz and Denyse Martial	-
	July-August, 2012	Centre Bay (southwest corner)	Sheelagh Hysenaj	- Beaver seen several times.
	July-August, 2012	Rathbun Bay	Steven Kerr	- Animal observed on several occasions. - House in SE corner of bay.
	July-August, 2012	Reed Bay	Steven Kerr	- Inactive houses in

		Sheep Bay		each bay.
	August, 2012	Centre Bay	Ruth Pezzack	-
	August 31, 2014	Little Jack Lake (near inlet)	Karen Burleigh-Kerr	-
Big brown bat (<i>Eptesicus fuscus</i>)	Historic	Lakewide	Burt and Grossenheider (1952)	-
Black bear (<i>Ursus americanus</i>)	Historic	Lakewide	Burt and Grossenheider (1952), Novak et al. (1987)	-
	September, 1987	McCoy Road	Steven Kerr	- Speciman observed at night.
	July, 2005	Rathbun Bay	Steven Kerr	- Small (yearling?) bear in composter.
	August, 2009	McCoy Road	Karen Burleigh-Kerr	-
	June 30, 2010	McCoy Road	Michael Brown	-
	April 26, 2011	Not recorded	Bob Bowles, Neill Lanz and Denyse Martial	-
	Summer, 2011	Centre Bay	Ruth Pezzack	-
	August 16, 2011	McCoy Road	Andrew McKee	- Mid-sized (~150 lbs.) specimen.
	July-August, 2011	Rathbun Bay	Steven Kerr	- Same (?) specimen observed several

times.

	July-August, 2012	Rathbun Bay	Allan Kerr	- Medium-sized bear seen in parking lot – damaged door of cottage.
	June 14, 2014	McCoy Road	Steven Kerr	- Small bear.
Bobcat (<i>Lynx rufus</i>)	Historic	Lakewide	Burt and Grossenheider (1952), Novak et al. (1987), JLA (2009)	-
Boreal redback vole (<i>Clethrionomys gapperi</i>)	Historic	Lakewide	Burt and Grossenheider (1952)	-
Coyote (<i>Canis latrans</i>)	Historic	Lakewide	Burt and Grossenheider (1952), Novak et al. (1987)	-
	September, 1987	McCoy Road	Steven Kerr	- Animal observed on road after dark.
	2000s	Southeast end of lake	Joe Lovsin	- Two coyotes observed killing a deer.
	February, 2013	Robbins Bay (west side)	Rod Crawford	- Animals observed in the morning on the ice.
	August 30, 2014	Rathbun Bay (north shore)	Arnold Tripp	- “Mangy-looking” animal observed at

salt block.

	Summer, 2014	Jack Lake Road	Judy Kiffer	-	
Deer mouse (<i>Peromyscus maniculatus</i>)	Historic	Lakewide	JLA (2009)	-	
	Not recorded	East Bay (Kodak Island)	Hugh Spence	-	
Eastern chipmunk (<i>Tamias striatus</i>)	Historic	Lakewide	Burt and Grossenheider (1952), JLA (2009)	-	
	April 26, 2011	Not recorded	Bob Bowles, Neill Lanz and Denyse Martial	-	
	Not recorded	Rathbun Bay	Steven Kerr	-	Quite common.
Eastern cottontail rabbit (<i>Sylvilagus floridanus</i>)	Historic	Lakewide	Burt and Grossenheider (1952), JLA (2009)	-	
Elk (<i>Cervus canadensis</i>)	Late October - early November, 2013	Off east end of Rathbun Bay	Dennis Davenport	-	Animal heard "bugling".
Fisher (<i>Martes pennanti</i>)	Historic	Lakewide	Novak et al. (1987), JLA (2009)	-	
	October 5, 2013	Rathbun Bay wetland	Steve Kerr, Bob Bowles, Neill Lanz and Denyse Martial	-	Skull found and was identified by Dr. Patrick Hubert (MNR).

Flying squirrel (<i>Glaucomys</i> spp.)	Historic	Lakewide	Hysenaj (2009), JLA (2009)	-	Designated as a species at Risk (Special Concern)
	2007	Rathbun Bay	Steven Kerr	-	Seen on more than one occasion.
	July 6, 2010	Brooks Bay (northwest corner)	Sheelagh Hysenaj	-	
	December 31, 2012	East Bay	Ken Fulton	-	Squirrel observed at bird feeder.
	Not recorded	East Bay (Kodak Island)	Hugh Spence	-	
Grey fox (<i>Urocyon cinereoargenteus</i>)	Historic	Lakewide	JLA (2010)	-	Designated as a species at risk (Threatened)
	July 14, 2014	Narrows Point Road (FR89P12)	Jane Wilton	-	Fox observed chasing a chipmunk. - Good description provided.
Groundhog (<i>Marmota monax</i>)	Historic	Lakewide	Burt and Grossenheider (1952)	-	
	July 25, 2012	Rathbun Bay	Steven Kerr	-	One adult with tunnel.
	June 14, 2014	McCoy Road	Steven Kerr	-	
	June 28, 2014	McCoy Road (at PCGP sign)	Steven Kerr	-	
	August 29, 2014	McCoy Road (at PCGP sign)	Steven and Andrew	-	Animal was killed on

			Kerr	the road.
Gray squirrel (<i>Scirus carolinensis</i>)	Historic	Lakewide	Burt and Grossenheider (1952), JLA (2009)	-
	April 26, 2011	Not recorded	Bob Bowles, Neill Lanz and Denyse Martial	-
Hairy tail mole (<i>Parascalops breweri</i>)	Historic	Lakewide	Burt and Grossenheider (1952)	-
Hoary bat (<i>Lasiurus cinereus</i>)	Historic	Lakewide	Burt and Grossenheider (1952)	-
Keen bat (<i>Myotis keeni</i>)	Historic	Lakewide	Burt and Grossenheider (1952)	-
Least weasel (<i>Mustela rixosa</i>)	Historic	Lakewide	Burt and Grossenheider (1952)	-
Little brown bat (<i>Myotis lucifugus</i>)	Historic	Lakewide	Burt and Grossenheider (1952)	-
	September 2, 2007	Rathbun Bay	Steven Kerr	<ul style="list-style-type: none"> - Fifteen bats flushed out of attic during renovations. - Designated as a species at Risk (Endangered)

	August, 2008	East Bay	David Hoyle	-
Longtailed weasel (<i>Mustela frenata</i>)	Historic	Lakewide	Burt and Grossenheider (1952), Novak et al. (1987), JLA (2009)	-
	Not recorded	East Bay (Kodak Island)	Hugh Spence	-
Marten (<i>Martes americana</i>)	Historical	Centre Bay (east shore)	Anecdotal	-
	June 2012	Centre Bay	Ruth Pezzack	-
Masked shrew (<i>Sorex cinereus</i>)	Historic	Lakewide	Burt and Grossenheider (1952)	-
Meadow jumping mouse (<i>Zapus hudsonius</i>)	Historic	Lakewide	Burt and Grossenheider (1952)	-
Meadow vole (<i>Microtus pennsylvanicus</i>)	Historic	Lakewide	Burt and Grossenheider (1952), JLA (2009)	-
	Not recorded	East Bay (Kodak Island)	Hugh Spence	-
Mink (<i>Mustela vison</i>)	Historic	Lakewide	Burt and Grossenheider (1952), Novak et al. (1987), JLA (2009)	-
	June 30 and July 2, 2010	Rathbun Bay	Steven Kerr	- Three mink observed near

waters edge.

July 18, 2010	Northwest end of narrows	Steven Kerr	-	One animal observed.
May 20, 2013	McCoy Road	Steven Kerr	-	One animal ran across road in front of vehicle.
August 5, 2013	Williams Bay	Shari Fulmer	-	Photograph taken.
Not recorded	East Bay (Kodak Island)	Hugh Spence	-	

Moose (<i>Alces alces</i>)	Historic	Lakewide	JLA (2009)	-
	Summer, 2000	Redmond Bay	JLA (2009)	- Animal seen swimming.
	September 7, 2009	Between Apsley and McCoy Road	Anecdotal	- Cow moose in marsh along highway.
	Spring, 2010	McCoy Road	Sheelagh Hysenaj	- Tracks of cow and calf moose.
	September, 2010	McCoy Road	John Pluster	-
	August, 2011	McCoy Road	Arnold Tripp	- Cow and calf moose observed in swamp.
	June, 2013	Jack Lake Road	Ashleigh Johnson	- Moose observed on road at dusk.
	September 27, 2013	McCoy Road	Arnold and Linda Tripp	- Two adult moose

(sex unknown)
observed on side of
road.

December 25, 2013 McCoy Road (south of the "Y") Jackie Lean

- Three moose on the road. One animal had one half of rack remaining.
- Photograph was taken.

Muskrat (<i>Ondatra zibethicus</i>)	Historic	Lakewide	Burt and Grossenheider (1952), Novak et al. (1987), JLA (2009)	-
	April 26, 2011	Finger Bay	Bob Bowles, Neill Lanz and Denyse Martial	-
	Summer, 2014	Sharpes Bay	Judy Kiffer	-
Porcupine (<i>Erethizon dorsatum</i>)	Historic	Lakewide	Burt and Grossenheider (1952), JLA (2009)	-
	September, 1987	McCoy Road	Steven Kerr	- Four animals observed on road.
	April 26, 2011	Not recorded	Bob Bowles, Neill Lanz and Denyse Martial	-
	July 2011	Centre Bay	Ruth Pezzack	-

	July 2011	Rathbun Bay	Steven Kerr	- One animal observed at salt block.
Pygmy shrew (<i>Microsorex hoyi</i>)	Historic	Lakewide	Burt and Grossenheider (1952)	-
Raccoon (<i>Procyon loter</i>)	Historic	Lakewide	Burt and Grossenheider (1952), Novak et al. (1987), JLA (2009)	-
	September 18, 2009	McCoy Road	Steven Kerr	- Mother with four young-of-year observed.
	July 1, 2014	Hwy. 504 (near McCoy Road)	Steven Kerr	- Two small young-of-year observed along the highway.
	Summer, 2014	Sharpes Bay	Judy Klffer	-
	Every summer	Centre Bay	Ruth Pezzack	-
Red bat (<i>Lasiurus borealis</i>)	Historic	Lakewide	Burt and Grossenheider (1952)	-
Red fox (<i>Vulpes fulva</i>)	Historic	Lakewide	Burt and Grossenheider (1952), Novak et al. (1987), JLA (2009)	-

	June 30, 2011	McCoy Road	Steven Kerr	- Pair of foxes on road after dark.
	August 6, 2011	Rathbun Bay	Steven Kerr	- Healthy animal observed at salt block.
	July 6, 2013	Rathbun Bay (north shore)	Karen Kerr	- Fox observed on McCoy Road.
	August 3, 2014	Rathbun Bay (north shore)	Arnold Tripp	- Animal observed at salt block.
Red Squirrel (<i>Tamiasciurus hudsonicus</i>)	Historic	Lakewide	Burt and Grossenheider (1952), Novak et al. (1987)	-
	April 26, 2011	Not recorded	Bob Bowles, Neill Lanz and Denyse Martial	
	July 2013	Williams Bay	Shari Fulmer	- Photograph taken.
	July 19, 2014	Rathbun Bay (north shore)	Steven Kerr	-
	October 3, 2014	McCoy Road	Steven Kerr	-
	October 11, 2014	Rathbun Bay (north shore)	Steven Kerr	
	Not recorded	East Bay (Kodak Island)	Hugh Spence	-
	Every summer	Centre Bay	Ruth Pezzack	- Quite common.

River otter (<i>Lutra canadensis</i>)	Historic	Lakewide	Burt and Grossenheider (1952), Novak et al. (1987), JLA (2009)	-
	Historic	Casement Island	Anecdotal	-
	January, 2006	Centre Island	Ruth Pezzack	-
	August 12, 2009	Narrows (south end)	Steven Kerr	- Animal observed swimming.
	July, 2010	Little Jack Lake	Ruth Pezzack	-
	October 16, 2010	McCoy Bay	Greg Herring	- Animal observed in late afternoon.
	April 26, 2011	Not recorded	Bob Bowles, Neill Lanz and Denyse Martial	- Animal was observed in the water.
	April 27, 2011	Not recorded	Bob Bowles, Neill Lanz, Denyse Martial and Ruth Pezzack	- Pair of animals observed – one had a fish in its mouth.
	June 2, 2013	McCoy Road	Steven and Karen Kerr	- Near a small wetland.
	July, 2013	Brooks Bay	Sheelagh Hysenaj	- Animal observed swimming – photo taken.
	October 2, 2013	Robbins Bay (west side)	Rod Crawford	- Pair of otters fishing in the shallows.

	Not recorded	East Bay (Kodak Island)	Hugh Spence	-
Shorttail shrew (<i>Blarina brevicauda</i>)	Historic	Lakewide	Burt and Grossenheider (1952)	-
Shorttailed weasel (<i>Mustela ermine</i>)	Historic	Lakewide	Burt and Grossenheider (1952), Novak et al. (1987)	-
Silver haired bat (<i>Lasionycteris noctivagans</i>)	Historic	Lakewide	Burt and Grossenheider (1952)	-
Smoky shrew (<i>Sorex fumeus</i>)	Historic	Lakewide	Burt and Grossenheider (1952)	-
Snowshoe hare (<i>Lepus americanus</i>)	Historic	Lakewide	Burt and Grossenheider (1952), JLA (2009)	-
	August 5, 2013	Williams Bay	Shari Fulmer	- Two photographs taken.
Southern bog lemming (<i>Synopomys cooperi</i>)	Historic	Lakewide	Burt and Grossenheider (1952)	-
Starnose mole (<i>Condylura cristata</i>)	Historic	Lakewide	Burt and Grossenheider	- +

(1952)				
Striped skunk (<i>Mephitis mephitis</i>)	Historic	Lakewide	Burt and Grossenheider (1952), Novak et al. (1987), JLA (2009)	-
White footed mouse (<i>Peromyscus leucopus</i>)	Historic	Lakewide	Burt and Grossenheider (1952)	
	July 19, 2014	Rathbun Bay (north shore)	Steven Kerr	- One young-of-year observed near cottage.
White-tailed deer (<i>Odocoileus virginianus</i>)	Historic	Entire area	Burt and Grossenheider (1952), MNR records, Monkman (2012)	- Animals congregate (yard) in PCGP during the winter.
	September, 1987	McCoy Road (Highway 502 to Rathbun Bay).	Steven Kerr	- Twenty-two deer observed on drive in to cottage.
	September 28, 2007	McCoy Road	Steven Kerr	- Doe and two fawns observed.
	June 6, 2008	McCoy Road	Steven Kerr	- Two single does.
	August 29, 2008	McCoy Road	Steven Kerr	- Good-sized fawn (red coat – no spots) – no mother.
	June 18, 2010	Rathbun Bay	Steven Kerr	- One small (yearling?) doe –

			very red in colour.
July 14, 2010	Rathbun Bay	Steven Kerr	- Small doe (still lactating) apparently hit by car and killed.
April 26, 2011	Not recorded	Bob Bowles, Neill Lanz and Denyse Martial	- Several observed at close range.
August 10, 2011	Rathbun Bay	Steven Kerr	- Doe and small fawn (still had spots) observed. - Buck with 8-10 point antlers still in velvet.
June 16, 2012	McCoy Road	Steven Kerr	- Four point buck observed.
July 13, 2012	Rathbun Bay	Steven Kerr	- Very thin doe.
July, 2012	Rathbun Bay	Allan Kerr	- Two fawns (still had spots) observed.
July, 2012	Jack Lake Road (near Sharpe's Bay).	Sheelagh Hysenaj	- Doe with two fawns seen several times in the same area. - Larger doe seen in another area closer to the lake.
August 29, 2012	McCoy Road	Steven Kerr	- Doe and small fawn (no spots) observed.
August 30, 2012	McCoy Road	Steven Kerr	- Small (4 point) buck and a doe observed.

June 2, 2013	McCoy Road	Steven Kerr	- Doe which was very skinny.
August 9, 2013	Williams Bay	Shari Fulmer	- Fawn – photo taken.
November 18, 2013	Williams Bay	Shari Fulmer	- Doe and fawn – photo taken.

Woodland jumping mouse (<i>Napaeozapus insignis</i>)	Historic	Lakewide	Burt and Grossenheider (1952)	-
	July 19, 2014	Rathbun Bay (north shore)	Steven Kerr	- Small (young-of-year) specimen observed near cottage deck.

Molluscs

Species	Date Observed	Location	Source	Misc. Comments
Banded mystery snail (<i>Viviparus georgianus</i>)	2004	Brooks and Redmond bays	JLA (2009)	- Non-indigenous species.
	October 5, 2013	Rathbun Bay wetland	Bob Bowles (Bowles 2014)	-
Chinese mystery snail (<i>Cipangopaludina chinensis</i>)	October 5, 2013	Rathbun Bay wetland	Bob Bowles (Bowles 2014)	- Non-indigenous species.
Eastern elliptio (<i>Elliptio complanata</i>)	July 2012	Rathbun Bay	Steven Kerr	- Identified by Dr. Patrick Hubert, MNR, Peterborough
Giant floater (<i>Pyganodon grandis</i>)	July 2012	Rathbun Bay	Steven Kerr	- Identified by Dr. Patrick Hubert, MNR, Peterborough
Japanese mystery snail (<i>Cipangopaludina japonica</i>)	October 5, 2013	Rathbun Bay wetland	Bob Bowles (Bowles 2014)	- Non-indigenous species.

Plankton

Species	Date Observed	Location	Source	Misc. Comments
<i>Anabaena</i> sp.	August 25, 1980	Sharpe's Bay	Lean and White (1983)	-
<i>Aphanizomenon</i> sp.	August 25, 1980	Sharpe's Bay	Lean and White (1983)	-
<i>Chlamydomonas sagittula</i>	June-August, 2003	Sharpe's Bay	Hamilton and Taylor (1987)	-
<i>Chromulina</i> sp.	June-August, 1983	Sharpe's Bay	Hamilton and Taylor (1987)	-
<i>Cryptomonas erasa</i>	August 25, 1980	Sharpe's Bay	Lean and White (1983)	-
<i>Chrysochromutina parva</i>	August 25, 1980	Sharpe's Bay	Lean and White (1983)	-
<i>Chrysosphaerella longispina</i>	July, 1979 and 1980	Williams Bay	Pick et al. (1984a, 1984b)	-
<i>Cyclotella</i> sp.	August 25, 1980	Sharpe's Bay	Lean and White (1983)	-
<i>Gomphosphaeria lacustris</i>	August 25, 1980	Sharpe's Bay	Lean and White (1983)	-
<i>Katablepharis ovalis</i>	June-August, 1983	Sharpe's Bay	Hamilton and Taylor (1987)	-

<i>Oocystis parva</i>	June-August, 1983	Sharpe's Bay	Hamilton and Taylor (1987)	
<i>Rhodomonas minuta</i>	June-August, 1983	Sharpe's Bay	Hamilton and Taylor (1987)	-
Freshwater ciliate (<i>Strombidium viride</i>)	June and September, 1980	Sharpe's Bay	Taylor and Lean (1981)	-
<i>Ulothrix</i> sp.	August 25, 1980	Sharpe's Bay	Lean and White (1983)	-

Reptiles

Species	Date Observed	Location	Source	Misc. Comments
Blandings turtle (<i>Emydoidea blandingi</i>)	Historic	Lakewide	Conant (1975),	-
	Post 1983	Lakewide	Oldham and Weller (2000), Hysenaj (2009), JLA (2009), Bowles (2012)	- Designated as a species at risk (Threatened)
	June 27, 2009	McCoy Road (wetland near Casey's Corners)	Karen Burleigh-Kerr	- Laying eggs on side of the road. - Pronounced yellow throat.
	June 5, 2010	Jack Lake Road (near wetland)	Alexander Hysenaj	- Turtle was basking next to the road.
	June 5, 2010	McCoy Bay road (near the fork)	David Lean	- Preparing nest on shoulder of road.
	July 10, 2010	Highway 504 (south of Apsley)	Steven Kerr	- One large turtle removed from side of road. - Pronounced yellow throat.
	August 2, 2010	End of East Bay	Hugh Spence	- Dome-like shell with distinctive yellow throat.
	June 19, 2011	Bay at Road 17T	Bob Bowles, Neill Lanz and Denyse	- Photo was taken of turtle.

			Martial	
	July 13, 2011	Sharpe's Bay road (near Game Preserve sign).	Sheelagh Hysenaj	- Often seen basking on logs in a small pond.
	May 19, 2012	Jack Lake Road (near landscaping business)	Sheelagh Hysenaj	- Turtle was basking on edge of road - Reported to Turtle Tally - Other observations in the same area
	June, 2012	Kodak Island (East Bay)	Hugh Spence	-
	May 18, 2014	Jack Lake Road (near landscaping business)	Sheelagh Hysenaj	- Turtle was moved off the road.
Brown snake (<i>Storeria dekayi</i>)	Historic	Lakewide	Conant (1975)	-
	Post 1983	Lakewide	Oldham and Weller (2000)	-
Eastern garter snake (<i>Thamnophis sirtalis sirtalis</i>)	Historic	Lakewide	Conant (1975)	-
	Post 1983	Lakewide	Oldham and Weller (2000), JLA (2009)	-
	June 6, 2008	McCoy Road	Steven Kerr	- Dead snake on road.
	June 4, 2010	McCoy Road	Steven Kerr	- Two dead snakes on road.
	April 26, 2011	Not recorded	Bob Bowles, Neill Lanz and Denyse Martial	-

	August 2012	Williams Bay	Shari Fulmer	<ul style="list-style-type: none"> - Snake was swallowing a frog. - Photograph taken.
	July 29, 2013	Rathbun Bay (north shore)	Steven Kerr	<ul style="list-style-type: none"> - Snake was near the shoreline.
	August 25, 2013	East side of lake	Steven Kerr	<ul style="list-style-type: none"> - Snake was crossing McCoy Road.
	October 12, 2013	McCoy Road	Steven Kerr	-
	September 12, 2014	McCoy Road	Steven Kerr	<ul style="list-style-type: none"> - Snake was dead on road.
	October 3, 2014	McCoy Road	Steven Kerr	<ul style="list-style-type: none"> - Snake was crawling across the road.
Eastern hognose snake (<i>Heterodon platyrhinos</i>)	Historic	Lakewide	MNR records, Conant (1975), JLA (2010)	<ul style="list-style-type: none"> - Designated as a species at risk (Threatened) - COSSARO priority for assessment.
	June, 2003	Hatton Bay shoreline	David Wotten	<ul style="list-style-type: none"> - Photograph was taken.
	June, 2008	Centre Bay	Ruth Pezzack	-
	August, 2010	Unknown	Tim Dinesen	<ul style="list-style-type: none"> - Article and photo in Winter 2011 edition of Smoke Signals
	August, 2012	Sharpe's Bay (Hurricane Point)	Carolyn Ford	-
Eastern milksnake	Historic	Lakewide	Conant (1975)	-

<i>(Lampropeltis triangulum)</i>	Post 1983	Lakewide	Oldham and Weller (2000), JLA (2009, 2010)	- Designated as a species at risk (Special Concern)
Five lined skink <i>(Eumeces fasciatus)</i>	Historic	Lakewide	Conant (1975),	-
	Historic	McCoy Bay (north shore) Sharpe's Bay (west shore) Centre Bay (east shore) Little Jack Lake	Oldham and Weller (2000), Hysenaj (2009), JLA (2010), Francis Pick	- Designated as a species at risk (Special Concern) - COSSARO priority for assessment.
	August 2010	Little Jack falls	Sheelagh Hysenaj	- Also seen at the outlet dam.
	June 18, 2011	Finger Bay	Bob Bowles, Neill Lanz and Denyse Martial	-
	August 2, 2011	Brooks Bay	Sheelagh Hysenaj	-
	May 25, 2014	Brooks Bay (northwest shore)	Sheelagh Hysenaj	- Several specimens observed at same location in 2013.
Midland painted turtle <i>(Chrysemys picta)</i>	Historic	Lakewide	Conant (1975)	-
	May 25, 2007	McCoy Road	Steven Kerr	- Turtle constructing nest on side of gravel road.
	June 6, 2008	McCoy Road	Steven Kerr	- Three turtles observed on road.
	June 5, 2009	McCoy Road	Steven Kerr	- Two turtles on side

			of gravel road.
July 3, 2009	Callahan Bay	Steven Kerr	- Five turtles basking on a log.
May 21, 2010	McCoy Road (near highway)	Steven Kerr	- - One turtle on side of road.
June 4, 2010	McCoy Road	Steven Kerr	- Three single (large) turtles digging in gravel at side of road. - All three were moved off the road.
May 30-August 7, 2010	Brooks Bay (northwest corner)	Sheelagh Hysenaj	- Three medium-sized and one small turtle basking on logs.
April 27, 2011	Finger Bay	Bob Bowles, Neill Lanz, Denyse Martial and Ruth Pezzack	-
June 19, 2011	Centre Bay (Lean cottage)	Sheelagh Hysenaj	- Basking on a log at end of bay.
July 13, 2011	Sharpe's Bay road (near Game Preserve sign).	Sheelagh Hysenaj	- Often seen basking on logs in a small pond.
May 19, 2012	Brooks Bay	Sheelagh Hysenaj	- Very small specimen - Reported to Turtle Tally.
May 18, 2013	Brooks Bay (northwest corner)	Sheelagh Hysenaj	- Small specimen swimming near

shore.

May 18, 2013	Wetland adjacent to Jack Lake Road.	Sheelagh Hysenaj	-	Four turtles basking on a log.
June 28, 2014	Hwy. 504 (south of Apsley)	Steven Kerr	-	
July 2013	Williams Bay	Shari Fulmer	-	Photograph taken.
June 7, 2014	McCoy Road	Steven Kerr	-	
June 14, 2014	McCoy Road (small pool beside road)	Steven Kerr	-	Turtle was basking on log.
July 13, 2014	Brooks Bay (southwest)	Sheelagh Hysenaj	-	Fifteen turtles basking on logs.
July 13, 2014	Brooks Bay (northwest)	Sheelagh Hysenaj	-	Six turtles observed basking on logs.
July 13, 2014	Hwy. 504 (south of Apsley)	Steven Kerr	-	Turtle observed on the gravel shoulder of the road.
July 18, 2014	McCoy Bay wetland	Sheelagh Hysenaj	-	One turtle observed.
July 25, 2014	McCoy Bay wetland (near Hwy 504)	Steven Kerr	-	Two turtles basking (on separate logs).

Northern redbelly snake (<i>Storeria occipitomaculata</i>)	Historic	Lakewide	Conant (1975)	-
	Post 1983	Lakewide	Oldham and Weller (2000)	-
Northern ribbon snake	Historic	Lakewide	Conant (1975)	-

<i>(Thamnophis sauritus)</i>	Post 1983	Lakewide	Oldham and Weller (2000)	-
Northern ringneck snake (<i>Diadophis punctatus</i>)	Historic	Lakewide	Conant (1975)	-
	Post 1983	Lakewide	Oldham and Weller (2000)	-
Northern water snake (<i>Nerodia sipedon</i>)	May 21, 2010	Robbins Bay	Steven Kerr	- Snake was observed swimming.
	August 7, 2010	Brooks Bay (northwest corner)	Sheelagh Hysenaj	- ~ 1 meter long snake observed in the water.
	August 3, 2012	Rathbun Bay	Steven Kerr	- Snake caught and swallowed a large toad at water's edge.
	August 4, 2013	Brooks Bay (Marina)	Steven Kerr	- Snake was in water near shoreline.
	May 11, 2014	Brooks Bay (northwest corner)	Sheelagh Hysenaj	- Two snakes believed to be mating at waters edge. - Photo was taken.
	May 18, 2014	Rathbun Bay (north shore)	Steven Kerr	- Large snake observed.
	August 31, 2014	Rathbun Bay	Steven Kerr	- Snake was in the boat.
	September 7, 2014	McCoy Road	Karen Burleigh-Kerr	

	Summer, 2014	Sharpes Bay	Judy Kiffer	<ul style="list-style-type: none"> - Snake (~ 15 inches long) killed on road. - Large snake regularly basks on dock.
Smooth green snake (<i>Liochlorophis vernalis</i>)	Historic	Lakewide	Conant (1975)	-
	Post 1983	Lakewide	Oldham and Weller (2000), JLA (2009)	-
Snapping turtle (<i>Chelydra serpentina</i>)	Historic	Lakewide	Coutant (1975)	-
	Post 1983	Lakewide	Oldham and Weller (2000), Hysenaj (2009), JLA (2009, 2010), Bowles (2012)	- Designated as a species at risk (Special Concern)
	June 6, 2008	McCoy Road	Steven Kerr	- Turtle on side of gravel road (hot day).
	June 26, 2009	Highway 28	Steven Kerr	- Turtle in the middle of the road.
	June, 2012	Centre Bay	Ruth Pezzack	-
	June 2012	Hatton Bay (southwest end)	-	<ul style="list-style-type: none"> - Turtle observed digging a nest on cottage owners property. - Photos provided.
	July 1, 2012	Brooks Bay (marina)	Sheelagh Hysenaj	- Four inch long

(young-of-year) turtle
seen on beach at
outflow near public
boat launch.

May 19, 2012	East Bay	Ford (2013)	- Turtle was basking on a rock.
July 7, 2012	Sharpe`s Bay	Susan Quarry	- Young specimen.
June 23, 2013	Narrows Point Road (between Robbins and Crane Bay)	Rod Crawford	- Adult turtle 16-18 inches in length.
July, 2013	Sheeps Bay (east part of bay)	Rick Gardner	- Very large specimen.
July 2013	Williams Bay	Shari Fulmer	- Photograph taken.
August 5, 2013	Williams Bay	Shari Fulmer	- Photograph taken.
September 10, 2013	Narrows Point Road (between Robbins and Crane Bay)	Rod Crawford	- Young-of-year (3-4 inches in length) heading to the lake.
May 18, 2014	Rathbun Bay	Steven Kerr	-
May 2014	Rathbun Bay (south shore)	Dennis Davenport	-
June 8, 2014	Jack Lake Road (pond near glass makers studio)	Sheelagh Hysenaj	-
July 1, 2014	McCoy Road (near PCGP sign)	Steven Kerr	- One adult observed on side of road.
July 1, 2014	Hwy. 504 (south of Apsley)	Steven Kerr	- One small turtle observed on side of

road.

Summer, 2014

Sharpes Bay

Judy Kiffer

- Large turtle lives under dock.

Spotted turtle
(*Clemmys guttata*)

Historic

Lakewide

Pickthorn et al.
(2011), Hysenaj
(2009), JLA (2009),
Bowles (2012)

- Designated as a
species at risk
(Endangered)

Stinkpot (musk) turtle
(*Sternotherus odoratus*)

Historic

Lakewide

Conant (1975), JLA
(2010), Pickthorn et
al. (2011)

- Designated as a
species at risk
(Threatened)

June 19, 2011

Bay at Road 17T

Bob Bowles, Neill
Lanz and Denyse
Martial

- Photo was taken of
turtle.

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Appendix

Appendix 1. Jack Lake Fauna at Risk

Species at Risk Designations

In Ontario, a species at risk is any naturally occurring plant or animal in danger or extinction or disappearing from the province. A designated species may fall within one of the following categories:

Special Concern - A species with characteristics that make it sensitive to human activities or natural events.

Threatened - A species that is at risk of becoming endangered in Ontario if limiting factors are not reversed.

Endangered - A species facing imminent extinction or extirpation in Ontario which is a candidate for regulation under Ontario's Endangered Species Act.

Extirpated - A species that no longer exists in the wild in Ontario but still occurs elsewhere.

Fauna of the Jack Lake watershed which have been designated at risk (either federally or provincially) are summarized (listed alphabetically) below. In total, twenty-seven different species have been designated as “at risk” at either the federal or provincial level.

Species	Federal Designation	Provincial Designation
Acadian flycatcher	Endangered	Endangered
Bald eagle	-	Special Concern
Bank swallow	-	Threatened
Blandings turtle	Threatened	Threatened
Canada warbler	Threatened	Special Concern
Cerulean warbler	Special Concern	Threatened
Chimney swift	Threatened	Threatened
Common nighthawk	Threatened	Special Concern
Eastern hog nose snake	Threatened	Threatened
Eastern milksnake	Special Concern	Special Concern
Five lined skink	Endangered	Special Concern
Flying squirrel	-	Special Concern
Golden eagle	-	Endangered
Grey fox	Threatened	Threatened
Least bittern	Threatened	Threatened
Little brown bat	-	Endangered
Monarch butterfly	Special Concern	Special Concern
Nighthawk	Threatened	Special Concern
Olive sided flycatcher	-	Special Concern
Red-headed woodpecker	-	Special Concern
Red shouldered hawk	-	Special Concern
Short eared owl	Special Concern	Special Concern
Snapping turtle	Special Concern	Special Concern
Spotted turtle	Endangered	Endangered
Stinkpot (musk) turtle	Threatened	Special Concern
Whip-poor-will	Threatened	Threatened
Wood thrush	-	Special Concern

Appendix 2. Species Guides and Identification Resources:

<http://www.natureinstruct.org/dendroica/> - *Dendroica* is an interactive website developed to help students, volunteers and professionals improve their skills at identifying birds by sight or by sound, particularly so that they can participate in nature survey and monitoring programs. The site includes birds from throughout Canada, the U.S.A., and Mexico. Participants can contribute new photographs and sound recordings so it will continue to improve over time.

Dendroica allows you to browse through lists of species found in a particular region to see their pictures and listen to their songs and calls. You can then quiz yourself, based on songs or photos or both, to see how well you have learned the species. You can develop your own custom list of species for study.

To use all of the features of the program, including the quiz, or to submit your own photos or sound recordings, you must register and sign in. Registration is free, and only requires that you provide your name and a valid E-mail address.

If you prefer, you can continue as a guest, without logging in. This will allow you to browse through the list of species, see the photographs and listen to the songs. However, several features such as the quiz and the selection of customized lists to study particular groups of species will not be available.

<http://www.torontozoo.com/AdoptAPond/> - The Adopt-A-Pond Wetland Conservation Programme provides educators, students and community groups with stewardship resources and educational opportunities to protect, restore and conserve wetland habitats and biodiversity. Adopt-A-Pond has six major off-site initiatives that address wetland conservation issues in Ontario. Species guides for frogs, toads, lizards, snakes, larval amphibians, salamanders and turtles.

Additional Websites of Interest

Bird and Nature Photography

<http://www.kegressy.com/>

Bird Studies Canada

<http://www.bsc-eoc.org/>

Bug Guide

<http://bugguide.net/node/view/15740>

Butterfly Identification Guide

<http://pick4.pick.uga.edu/mp/20q?guide=Butterflies>

Canadian Amphibian and Reptile Conservation Network

<http://www.carcnet.ca/>

Center for North American Herpetology

<http://www.naherpetology.org/>

Committee on the Status of Endangered Wildlife in Canada (COSEWIC)

<http://www.cosewic.gc.ca/>

Committee on the Status of Species at Risk in Ontario (COSSARO)

<http://www.mnr.gov.on.ca/en/Business/Species/2ColumnSubPage/244543.html>

Drew Monkman's Kawartha Sightings

<http://www.drewmonkman.com/sightings.htm>

Ducks Unlimited Canada

<http://www.ducks.ca/>

Frogwatch

<http://www.naturewatch.ca/english/frogwatch/on/intro.html>

Frogwatch Ontario

<http://www.torontozoo.com/adoptapond/FrogwatchOntario.asp>

Ministry of Natural Resources Species at Risk

www.mnr.gov.on.ca/en/Business/Species/index.html

Nature Canada

<http://www.naturecanada.ca/>

Nature Conservancy of Canada

<http://www.natureconservancy.ca/en/>

Nature Watch

<http://www.naturewatch.ca/english/>

North American Amphibian Monitoring Program

<http://www.pwrc.usgs.gov/naamp/>

Ontario Butterflies

<http://vankempen.ca/OntarioButterflies.htm>

Ontario Environmental Network

<http://www.oen.ca/>

Ontario Federation of Anglers and Hunters Record Fish Registry

<http://www.ofah.org/fishing/OFAH-Ontario-Record-Fish-Registry>

Ontario Field Ornithologists

<http://www.ofo.ca/webapp/index.php>

Ontario Odonata Atlas

<http://nhic.mnr.gov.on.ca/odonates/>

Ontario Turtle Tally

<http://www.torontozoo.com/adoptapond/turtletally.asp>

Operation Rubythroat – The Hummingbird Project

<http://www.rubythroat.org/FormCanadaRTHUMain.html>

Partners in Amphibian and Reptile Conservation

<http://www.parcplace.org/>

Peterborough Field Naturalists

<http://peterboroughnature.org/>

Royal Ontario Museum

www.rom.on.ca/ontario/fieldguides.php - field guides for common species of amphibians, birds and fish

www.rom.on.ca/ontario/risk.php - species at risk information

Wetland Guardians Registry

<http://www.torontozoo.com/adoptapond/WetlandGuardiansRegistry.asp>

Wild Species – The General Status of Species in Canada

<http://www.wildspecies.ca/>

World Wildlife Fund of Canada

<http://www.wwf.ca/>

Appendix 3. Individuals who have contributed information and observations on Jack Lake fauna.

Beadon, Mary	Robbins. Dave
Bowles, Bob	Saunders, Doyne
Brown, Michael	Smith, Amanda
Burleigh-Kerr, Karen	Spence, Hugh
Campbell, Elizabeth	Sutherland, Donald
Coffee, Charles	Tower-DuBois, Dawn
Cousins, Mark	Tripp, Arnold
Crawford, Rod	Walroth. Robert
Davenport, Dennis	Wilbur, Bill
Davenport, Ruth	Wilton, Jane
Dinesen, Tim	Wotten, David
DuBois, Marcene	
Dunkerley, Joe	
Ford, Carolyn	
Fulmer, Shari	
Fulton, Ken	
Gardner, Rick	
Herring, Greg	
Hoyle, Dave	
Hysenaj, Sheelagh	
Illidge, Jill	
Johnston, Ashleigh	
Kerr, Allan	
Kerr, Steven	
Kiffer, Judy	
Lanz, Neill	
Lean, David	
Lean, Jackie	
Lovsin, Joe	
MacDonald, Erin	
Mann, Irene	
Macquire, Kristi	
Martial, Denyse	
McClanahan, Bob	
McKay, Margaret	
McKee, Andy	
Perrin, Don	
Pezzack, Ruth	
Pluster, John	
Quarry, Susan	