

# 2018 Bird Results

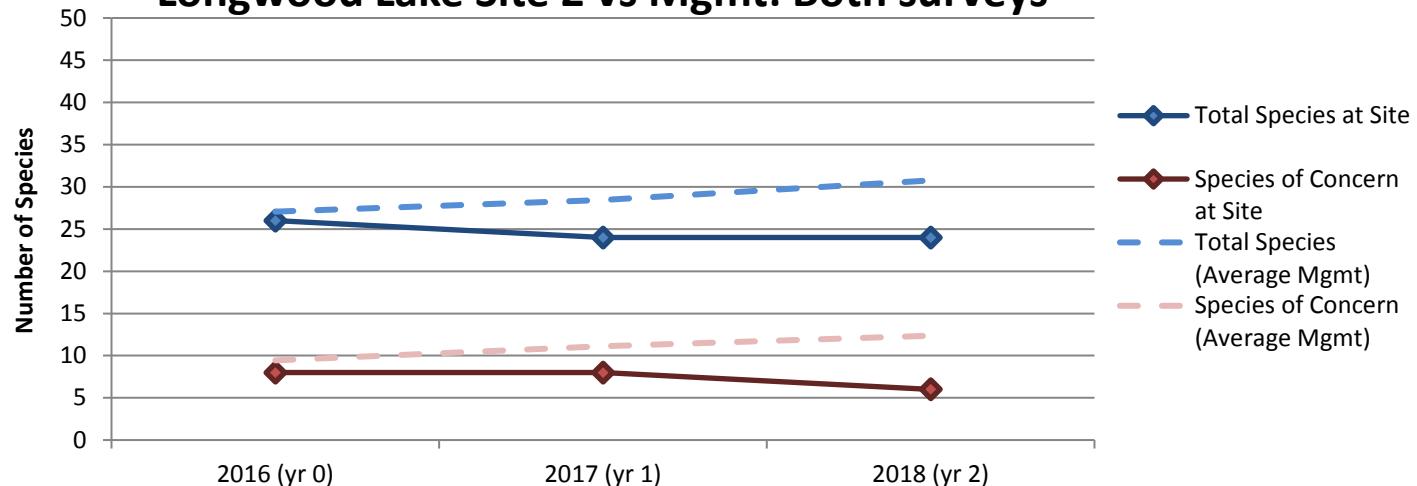
Below is the 2018 list of birds observed in your site enrolled in Working Lands for Wildlife, as well as a couple graphs. The first graph will show you how the total number of bird species at your site has changed over time and how this number compares with the average of the total number of bird species on all other sites managed for golden-winged warblers. The second graph will show you how the total number of bird species observed during the first survey at your site compares with the average of the total number of bird species in all control sites (shrubby wetlands, rights-of-way) surveyed.

*List of all bird species observed on your WLFW site during the 2018 surveys, including their status and some basic information on where they nest and migrate. Short-distance migrants tend to spend the winters in the southern US, whereas Neotropical migrants spend the winters in the tropics of Central or South America.*

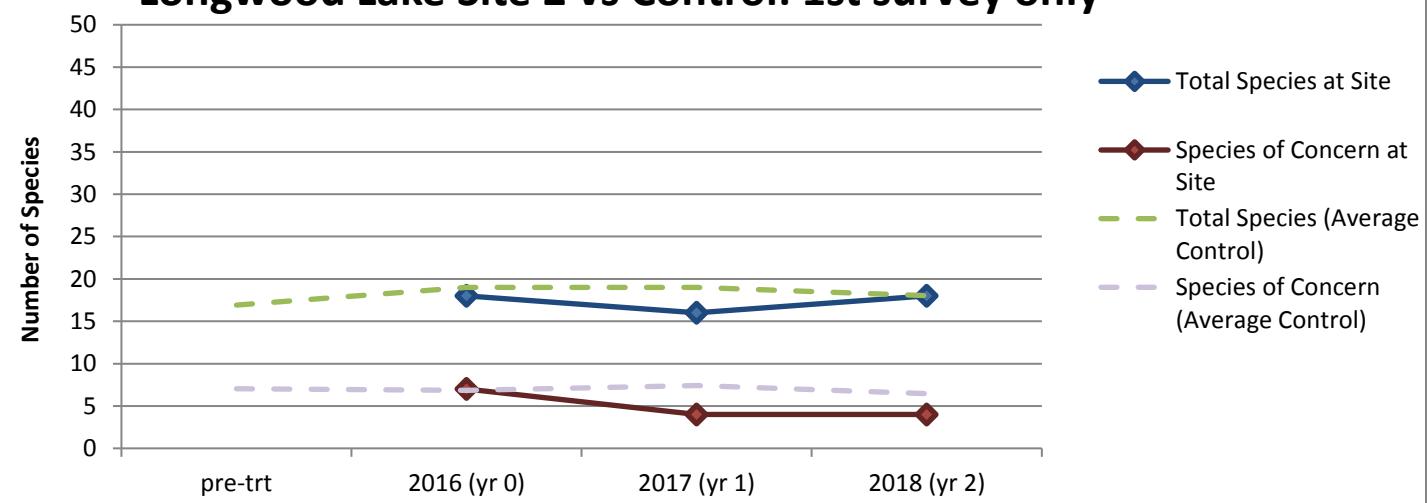
## Longwood Lake Site 2: Surveyed 5/21/18 and 6/8/18

Common Name	Status	Nesting Strata	Migration Strategy
American Crow	Common	subcanopy	Short distance
American Goldfinch	Common	subcanopy	Short distance
American Redstart	Common	subcanopy	Neotropical
Black-capped Chickadee	Common	cavity	Resident
Blue Jay	Common	subcanopy	Resident
Blue-gray Gnatcatcher	Common	subcanopy	Neotropical
Blue-winged Warbler	Regional Concern	ground	Neotropical
Brown-headed Cowbird	Common	nest parasite	Short distance
Chipping Sparrow	Common	subcanopy	Neotropical
Common Yellowthroat	Common	ground	Neotropical
Eastern Phoebe	Common	other	Short distance
Eastern Wood-Pewee	Regional Concern	subcanopy	Neotropical
Gray Catbird	Regional Concern	shrub	Short distance
Great Crested Flycatcher	Uncommon	cavity	Neotropical
Northern Cardinal	Common	shrub	Resident
Ovenbird	Common	ground	Neotropical
Red-bellied Woodpecker	Common	cavity	Resident
Red-eyed Vireo	Uncommon	shrub	Neotropical
Ruby-throated Hummingbird	Common	subcanopy	Neotropical
Scarlet Tanager	Regional Concern	canopy	Neotropical
Tufted Titmouse	Common	cavity	Resident
White-breasted Nuthatch	Common	cavity	Resident
Wood Thrush	Special Concern	subcanopy	Neotropical
Yellow-throated Vireo	Regional Concern	subcanopy	Neotropical

## Longwood Lake Site 2 vs Mgmt: Both surveys



## Longwood Lake Site 2 vs Control: 1st survey only



Since you did the management (between pre-trt and yr 0), your site has had about the same number of species as the average control site, even before the end of the first growing season (year 0)! Most management sites have fewer bird species pre-treatment than the control sites, so this is a good indicator that the habitat has improved. The number of bird species in your site remains at the average for control sites with no significant trend. In summary, with around 25 species of birds in total and about 1/3 of them being species of concern (state listed or regional concern), this site has been below the average of other management sites. That said, species of concern using this site because of the management done include the blue-winged warbler.

Thank you for managing your property for golden-winged warblers and making a positive impact on NJ's breeding bird population!

Sharon Petzinger, Senior Zoologist  
NJ Division of Fish and Wildlife's Endangered and Nongame Species Program