

2018 Bird Results

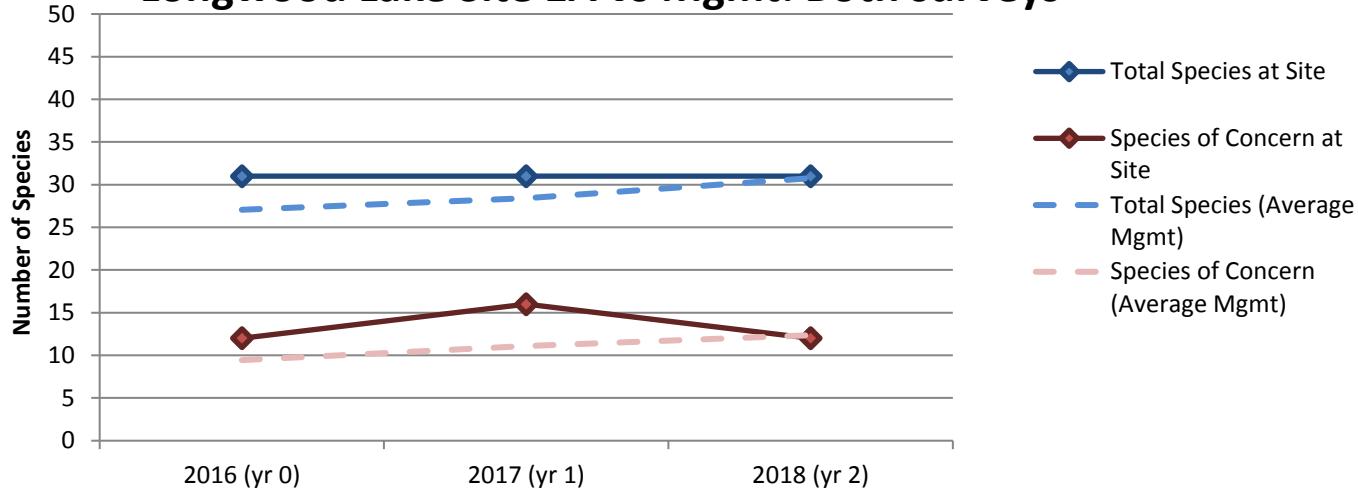
Below is the 2018 list of birds observed in your site enrolled in Working Lands for Wildlife, as well as a couple graphs. The first graph will show you how the total number of bird species at your site has changed over time and how this number compares with the average of the total number of bird species 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.

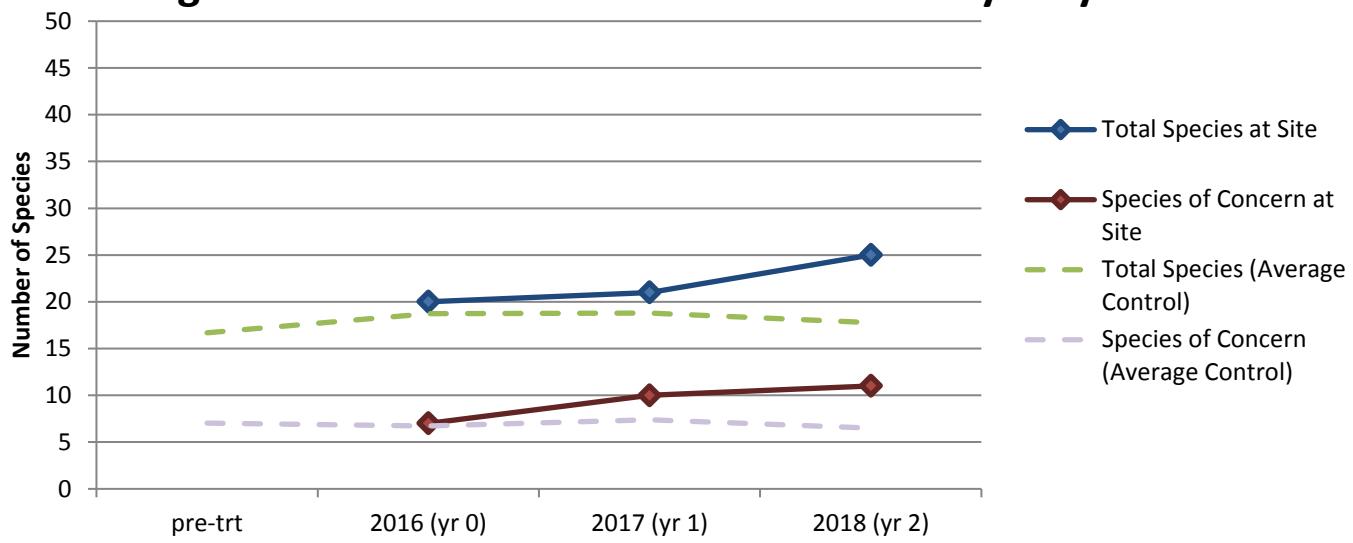
Longwood Lake Site 1a: Surveyed 5/21/18 and 6/8/18

Common Name	Status	Nesting Strata	Migration Strategy
American Goldfinch	Common	subcanopy	Short distance
American Redstart	Common	subcanopy	Neotropical
Baltimore Oriole	Regional Concern	canopy	Neotropical
Black-and-White Warbler	Regional Concern	ground	Neotropical
Blackpoll Warbler	Migrant	n/a	Neotropical
Blue-winged Warbler	Regional Concern	ground	Neotropical
Brown-headed Cowbird	Common	nest parasite	Short distance
Carolina Wren	Common	cavity	Resident
Chestnut-sided Warbler	Common	shrub	Neotropical
Chipping Sparrow	Common	subcanopy	Neotropical
Common Yellowthroat	Common	ground	Neotropical
Eastern Bluebird	Common	cavity	Short distance
Eastern Towhee	Regional Concern	ground	Short distance
Eastern Wood-Pewee	Regional Concern	subcanopy	Neotropical
Field Sparrow	Regional Concern	ground	Short distance
Gray Catbird	Regional Concern	shrub	Short distance
Great Crested Flycatcher	Uncommon	cavity	Neotropical
Indigo Bunting	Regional Concern	shrub	Neotropical
Magnolia Warbler	Uncommon	subcanopy	Neotropical
Mourning Dove	Game	subcanopy	Short distance
Ovenbird	Common	ground	Neotropical
Pileated Woodpecker	Uncommon	cavity	Resident
Prairie Warbler	Regional Concern	shrub	Neotropical
Red-bellied Woodpecker	Common	cavity	Resident
Red-eyed Vireo	Uncommon	shrub	Neotropical
Rose-breasted Grosbeak	Regional Concern	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 Warbler	Common	shrub	Neotropical
Yellow-throated Vireo	Regional Concern	subcanopy	Neotropical

Longwood Lake Site 1A vs Mgmt: Both surveys



Longwood Lake Site 1A vs Control: 1st survey only



Since you did the management (between pre-trt and yr 0), your site has had more species than 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. Furthermore, the number of bird species in your site remains above the average for control sites with an increasing trend of 2.5 species per year, while the number of bird species in control sites remain stable.

In summary, with around 30 species of birds in total and about 1/3 of them being species of concern (state listed or regional concern), the bird response at your site has been consistent with other management sites. Some of the bird species of concern that are there because you did the management include the blue-winged warbler, eastern towhee, indigo bunting.

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