

# Holland Township Environmental Commission Minutes

November 6, 2018 7 PM Meeting

Chairman Keady called the meeting to order. He read the notice satisfying the Open Public Meeting Act. All stood for the pledge of allegiance. All were reminded to turn off their cell phones or put them in silent mode.

Members Present: Jerry Bowers (arrived 7:48 pm). Henry Gore, David Harrison, Ted Harwick, Mike Keady, Ray Note, and Secretary Maria Elena Jennette Kozak.

Absent: Township Committee Liaison: Robert Thurgarland

Absent: Susan Meacham, Dwight Pederson

Let the record show we have a quorum.

Minutes: The approval of the minutes from the September 5, 2018 and October 3, 2018 meetings were tabled.

Proposed 2019 meeting schedule. Secretary Kozak is working with Chairman Keady and will distribute to the members. Please respond to her if you have questions or concerns. She will then forward to Clerk Miller for publication.

PennEast Pipeline update: Susan Meacham and Mike Keady – Nothing new to report. Still in the courts.

Phoenix Energy Center– Michael Keady – Nothing to report. Chairman Keady reminded everyone that everyone needs to be very careful with what is said or done. All are encouraged to remain open minded and to respect the process. When something is submitted then a review can take place. As of now, nothing has been distributed so this is not something that needs to be on the agenda.

Sub-Committees:

Additional discussion to take place in the future regarding sub-committee titles and positions.

Stormwater Education – Mike Keady, Jerry Bowers and Maria Elena Jennette Kozak as Secretary –nothing new to report. Secretary Kozak will work with DPW Supervisor Turdo as the educational point system has changed and revisions are needed.

Trails – Ted Harwick, Jerry Bowers and Ray Note. Nothing new to report. Trail information is to be put on the web Secretary Kozak to check with the brochures we have so we can add to the website. DPW Supervisor Alan Turdo has reported that the benches, the Message boards and the dog bag stations are installed on the trail. The trail markers were purchased and are to be installed on the trail.

Community Education and Outreach – Jerry Bowers, Dwight Pederson, and Susan Meacham – If you see additional corrections that are needed please send them to Secretary Kozak. The link is as follows: <http://www.hollandtownshipnj.gov/14-ec/46-environmental-commission.html>. All were still encouraged to think about how to publicize the Trails. Mapping will need to be created etc. Jerry Bowers will work on a press release for all that we have worked on so we can put it on the website and also have people put up on Social Media. We will explore the option to have our press release added to the County Newsletter. If Holland releases another Holland Happenings then the press release will also appear in that.

Highlands Conformance – Jerry Bowers and Mike Keady. Progress is being made with the Water Use and Conservation Management Plan. The Highlands Council is working on a plan for us to have grant money to work on the Chapter 101 Checklist. The other checklists are being revised which triggered the discussion about a checklist for the newly adopted Chapter 101 Highlands Land Use Ordinance. More information to follow.

Shade Tree and Community Forestry Plan Sub-Committee – Henry Gore (emeritus), David Harrison, Ted Harwick, Dwight Pederson and Maria Elena Jennette Kozak as secretary.

Community Forestry Plan Grant - The three proposals submitted are what will be reviewed. The subcommittee will meet and then discuss at the next scheduled meeting so the Environmental Commission can make an endorsement to the Township Committee to enter into a contract for services. We received word that the Grant paperwork (contract, resolutions etc.) from the state is being sent to the township for signatures.

Girl Scout Silver Award - - Elizabeth Tamaro. Lauren Tamaro has been in touch with the secretary. The weather did put a little damper on Elizabeth going out and working on the project. A suggestion is that she can look at the Evergreens even in the colder months and then move forward in the spring.

Inventory on Fauna and Flora subcommittee - David Harrison, Dwight Pederson, Ray Note and Henry Gore (emeritus) – Nothing new to report.

# Tree City USA program –Ray Note handed out information on how to write a tree ordinance and the same sample City Tree Ordinance as last month.

The sample ordinance was designed for use in Midwestern communities of average population. The ordinance that your community ultimately develops should be designed to fit its specific needs.

## SAMPLE CITY TREE ORDINANCE

Be it ordained by the City Commission of the City of:

(City) \_\_\_\_\_

(State) \_\_\_\_\_

### Section 1. Definitions

**Street trees:** "Street trees" are herein defined as trees, shrubs, bushes, and all other woody vegetation on land lying between property lines on either side of all streets, avenues, or ways within the City.

**Park Trees:** "Park trees" are herein defined as trees, shrubs, bushes and all other woody vegetation in public parks having individual names, and all areas owned by the City, or to which the public has free access as a park.

### Section 2. Creation and Establishment of a City Tree Board

There is hereby created and established a City Tree Board for the City of:

(City) \_\_\_\_\_

(State) \_\_\_\_\_

which shall consist of five members, citizens and residents of this city, who shall be appointed by the mayor with the approval of the Commission.

### Section 3. Term of Office

The term of the five persons to be appointed by the mayor shall be three years except that the term of two of the members appointed to the first board shall be for only one year and the term of two members of the first board shall be for two years. In the event that a vacancy shall occur during the term of any member, his successor shall be appointed for the unexpired portion of the term.

### Section 4. Compensation

Members of the board shall serve without compensation.

### Section 5, Duties and Responsibilities

It shall be the responsibility of the Board to study, investigate, council and develop and/or update annually, and administer a written plan for the care, preservation, pruning, planting, replanting, removal or disposition of trees and shrubs in parks, along streets and in other public areas. Such plan will be presented annually to the City Commission and upon their acceptance and approval shall constitute the official comprehensive city tree plan for the City of:

(City) \_\_\_\_\_

(State) \_\_\_\_\_

The Board, when requested by the City Commission, shall consider, investigate, make finding, report and recommend upon any special matter of question coming within the scope of its work.

### Section 6. Operation

The Board shall choose its own officers, make its own rules and regulations and keep a journal of its proceedings. A majority of the members shall be a quorum for the transaction of business.

### Section 7. Street Tree Species to be Planted

The following list constitutes the official

Street Tree species for:

(City) \_\_\_\_\_

(State) \_\_\_\_\_

SMALL TREES	MEDIUM TREES	LARGE TREES
Apricot	Ash, Green	Coffeetree, Kentucky
Crabapple,	Hackberry	Maple, Silver
Flowering (sp)	Honeylocust	Maple, Sugar
Golden Rain Tree	(thornless)	Oak, Bur
Hawthorne (sp.)	Linden or	Sycamore
Pear, Bradford	Basswood (sp.)	Sycamore, London
Redbud	Mulberry, Red	plantree
Soapberry	(fruitless, male)	Cottonwood
Lilac, Jap. Tree	Oak, English	(Cottonless,
Peach, Flowering	Oak, Red	male)

No species other than those included in without written permission of the City Tree

size-class examples only and may not be check with local sources to develop a

**Section 8. Spacing**

The spacing of Street Trees will be in ac-listed in Section 7 of this ordinance, and no the following: Small Trees, 30 feet; Medium Trees, 40 feet; and Large Trees, 50 feet; except in special plantings designed or approved by a landscape architect.

**Section 9. Distance from Curb and Sidewalk**

The distance trees may be planted from curbs or curblines and sidewalks will be in accordance with the three species size classes listed in Section 7 of this ordinance, and no trees may be planted closer to any curb or sidewalk than the following: Small Trees, 2 feet; Medium Trees, 3 feet; and Large Trees, 4 feet.

**Section 10. Distance from Street Corners and Fireplugs**

No Street Tree shall be planted closer than 35 feet of any street corner, measured from the point of nearest intersecting curbs or curblines. No Street Tree shall be planted closer than 10 feet of any fireplug.

**Section 11. Utilities**

No Street Trees other than those species listed as Small Trees in Section 7 of this ordinance may be planted under or within 10 lateral feet of any overhead utility wire, or over or within 5 lateral feet of any underground water line, sewer line, transmission line or other utility.

**Section 12. Public Tree Care**

The City shall have the right to plant, prune, maintain and remove trees, plants and shrubs within the lines of all streets, alleys, avenues, lanes, squares and public grounds, as may be necessary to insure public safety or to preserve or enhance the symmetry and beauty of such public grounds.

The City Tree Board may remove or cause or order to be removed, any tree or part thereof which is in an unsafe condition or which by reason of its nature is injurious to sewers, electric power lines, gas lines, water lines, or other public improvements, or is affected with any injurious fungus, insect or other pest. This Section does not prohibit the planting of Street Trees by adjacent property owners providing that the selection and location of said trees is in accordance with Sections 7 through 11 of this ordinance.

**Section 13. Tree Topping**

It shall be unlawful as a normal practice for any person, firm, or city department to top any Street Tree, Park Tree, or other tree on public property. Topping is defined as the severe cutting back of limbs to stubs larger than three inches in diameter within the tree's crown to such a degree so as to remove the normal canopy and disfigure the tree. Trees severely damaged by storms or other causes, or certain trees under utility wires or other obstructions where other pruning practices are impractical may be exempted from this ordinance at the determination of the City Tree Board.

**Section 14. Pruning, Corner Clearance**

Every owner of any tree overhanging any street or right-of-way within the City shall prune the branches so that such branches shall not obstruct the light from any street lamp or obstruct the view of any street intersection and so that there shall be a clear space of eight feet (8') above the surface of the street or sidewalk. Said owners shall remove all dead, diseased or dangerous trees, or broken or decayed limbs which constitute a menace to the safety of the public. The City shall have the right to prune any tree or shrub on private property when it interferes with the proper spread of light along the street from a street light or interferes with visibility of any traffic control device or sign.

**Section 15. Dead or Diseased Tree Removal on Private Property**

The City shall have the right to cause the removal of any dead or diseased trees on private property within the city, when such trees constitute a hazard to life and property, or harbor insects or disease which constitute a potential threat to other trees within the city. The City Tree Board will notify in writing the owners of such trees. Removal shall be done by said owners at their own expense within sixty days after the date of service of notice. In the event of failure of owners to comply with such provisions, the City shall have the authority to remove such trees and charge the cost of removal on the owners property tax notice.

**Section 16. Removal of Stumps**

All stumps of street and park trees shall be removed below the surface of the ground so that the top of the stump shall not project above the surface of the ground.

**Section 17. Interference with City Tree Board**

It shall be unlawful for any person to prevent, delay or interfere with the City Tree Board, or any of its agents, while engaging in and about the planting, cultivating, mulching, pruning, spraying, or removing of any Street Trees, Park Trees, or trees on private grounds, as authorized in this ordinance.

**Section 18. Arborists License and Bond**

It shall be unlawful for any person or firm to engage in the business or occupation of pruning, treating, or I en-loving suet or paik trees within the City without first applying for and procuring a license. The license fee shall be \$25 annually in advance; provided, however, that no license shall be required of any public service company or City employee doing such work in the pursuit of their public service endeavors. Before any license shall be issued, each applicant shall first file evidence of possession of liability insurance in the minimum amounts of \$50,000 for bodily injury and \$100,000 property damage indemnifying the City or any person injured or damaged resulting from the pursuit of such endeavors as herein described.

Section 19. Review by City Commission The City Commission shall have the right to review the conduct, acts and decisions of the City Tree Board. Any person may appeal from any ruling or order of the City Tree Board to the City Commission who may hear the matter and make final decision.

**Section 20. Penalty**

Any person violating any provision of this ordinance shall be, upon conviction or a plea of guilty, subject to a fine not to exceed \$\_\_\_\_\_

Plum, Purpleleaf Serviceberry	Pagodatree, Japanese Pecan Birch, River Osageorange (Male, thornless) Persimmon Poplar, White Sassafras	
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this list may be planted as Street Trees Board.

*\* Please note: The above species are offered as suitable for planting in your area. Please species list for your area.*

cordance with the three species size classes trees may be planted closer together than

The discussion of moving forward with this was tabled. A discussion needs to be with our liaison to get a feel if the Township Committee would support this program. The Township Committee would have to invest in the program and while it is an awesome program we have to weigh the benefits for Holland Township. A suggestion was to explore the program being applicable for only public lands. Ray Note will develop a list of positives and negatives for the next meeting.

Inventory on Fauna and Flora subcommittee - David Harrison, Dwight Pederson, Ray Note and Henry Gore (emeritus) Birds of Holland Township inventory list as prepared by David Harrison was distributed for final review and a little more tweaking will be done and then a final version posted on the website.

## **Birds of Holland Township; November 2018**

This annotated list is based on personal experience in Holland Township from December, 1997 through October, 2018, with some additional data provided through posted sightings on eBird. (eBird 2018: An online database of bird distribution and abundance [web application]. eBird, Cornell Lab of Ornithology, Ithaca, New York. Available: <https://ebird.org/explore> (Accessed: July 2, 2018), a global database managed by Cornell University's Laboratory of Ornithology.) Links for additional details about regularly occurring species are from Cornell University's Laboratory of Ornithology "All About Birds" <https://www.allaboutbirds.org/guide/>

### **Definitions and Annotations**

#### **Seasonal and Breeding Terminology:**

*Wintering* – present December through February

*Migrant* – broadly, a species that does not breed or winter. Migration seasons for birds extend over long periods of time and there are very few times during the year when there is not some bird movement taking place. Spring migration typically begins around the end of February and extends into mid-June. Fall migration is even more protracted, beginning around the beginning of July and often extending well into December.

*Resident* – a species that can be found year-round. Some species are truly resident, with individual birds remaining on or near their territories all year, while other species, while present all year, can be represented by different individual birds at different times of year and may show wide fluctuations in numbers as migrants and wintering individuals augment the local populations

*Breeding* – a species known to breed could be resident or could arrive during spring migration, set up territory, raise 1-3 broods of young and depart again during fall migration. Breeding birds' names are preceded by an asterisk with certainty of breeding based on behaviors that indicate confirmed or probable breeding (these criteria were used during the New Jersey Breeding Bird Atlas project of the 1990's. 1999 Birds of New Jersey, Walsh, Elia, Kane, Halliwell). Species that have possibly bred (lacking the evidence necessary for confirmation or probable

breeding status) or are present during the breeding season but are only known to breed in adjacent jurisdictions have their names preceded by a question mark.

***NJ Threatened and Endangered Species*** – Species that are on the NJ threatened and endangered list are italicized. Please report these to the Environmental Commission.

**Frequency Terminology:**

*Abundant* – expected in large numbers in appropriate habitat on any given visit

*Common* – expected to be found in appropriate habitat on any given visit

*Fairly Common* – expected to be found in small numbers on most visits to appropriate habitat

*Uncommon* - expected in small numbers on fewer than half of visits to appropriate habitat

*Rare* – annual or nearly annual, but seldom found on most visits to appropriate habitat

*Very Rare* – Few records; not found annually. Includes vagrants, which are very rare statewide.

Rare and very rare species are shown at the bottom of the list

## **List of regularly occurring species**

### **GEESE AND DUCKS**

Snow Goose – Fairly common to abundant migrant and winter visitor

[https://www.allaboutbirds.org/guide/snow\\_goose](https://www.allaboutbirds.org/guide/snow_goose)

\*Canada Goose – Common to abundant year around. May become scarce during severe winters

[https://www.allaboutbirds.org/guide/canada\\_goose](https://www.allaboutbirds.org/guide/canada_goose)

\*Wood Duck – Common migrant and breeder. Rare in winter

[https://www.allaboutbirds.org/guide/wood\\_duck](https://www.allaboutbirds.org/guide/wood_duck)

[https://www.allaboutbirds.org/guide/northern\\_shoveler](https://www.allaboutbirds.org/guide/northern_shoveler)

Gadwall – Fairly common migrant and winter visitor

<https://www.allaboutbirds.org/guide/gadwall>

\*Mallard – Common migrant and winter visitor – occasionally abundant. Fairly common breeder. <https://www.allaboutbirds.org/guide/mallard>

American Black Duck – Uncommon migrant and winter visitor

[https://www.allaboutbirds.org/guide/american\\_black\\_duck](https://www.allaboutbirds.org/guide/american_black_duck)

Green-winged Teal – Uncommon migrant and winter visitor

[https://www.allaboutbirds.org/guide/green-winged\\_tea](https://www.allaboutbirds.org/guide/green-winged_tea)

Ring-necked Duck – Fairly common migrant and winter visitor

[https://www.allaboutbirds.org/guide/ring-necked\\_duck](https://www.allaboutbirds.org/guide/ring-necked_duck)

Bufflehead - Fairly common migrant and winter visitor

Common Goldeneye – Uncommon to rare winter visitor

[https://www.allaboutbirds.org/guide/common\\_goldeneye](https://www.allaboutbirds.org/guide/common_goldeneye)

?Hooded Merganser – Fairly common migrant and rare winter visitor. Possible very rare breeder along the Musconetcong or Delaware Rivers

[https://www.allaboutbirds.org/guide/hooded\\_merganser](https://www.allaboutbirds.org/guide/hooded_merganser)

\*Common Merganser – Fairly common resident and breeder

[https://www.allaboutbirds.org/guide/common\\_merganser](https://www.allaboutbirds.org/guide/common_merganser)

## **WILD TURKEY, CORMORANTS AND HERONS**

\*Wild Turkey – Fairly common resident and breeder

[https://www.allaboutbirds.org/guide/wild\\_turkey](https://www.allaboutbirds.org/guide/wild_turkey)

Double-crested Cormorant – Fairly common to common migrant

[https://www.allaboutbirds.org/guide/double-crested\\_cormorant](https://www.allaboutbirds.org/guide/double-crested_cormorant)

?*Great Blue Heron* – Uncommon resident and possible breeder

[https://www.allaboutbirds.org/guide/great\\_blue\\_heron](https://www.allaboutbirds.org/guide/great_blue_heron)

\*Green Heron – Fairly common to uncommon migrant and breeder

[https://www.allaboutbirds.org/guide/green\\_heron](https://www.allaboutbirds.org/guide/green_heron)

## **HAWKS, VULTURES AND EAGLES**

\*Black Vulture – Common to abundant resident and breeder

[https://www.allaboutbirds.org/guide/black\\_vulture](https://www.allaboutbirds.org/guide/black_vulture)

### **HAWKS, VULTURES AND EAGLES (continued)**

\*Turkey Vulture – Common to abundant resident and breeder

[https://www.allaboutbirds.org/guide/turkey\\_vulture](https://www.allaboutbirds.org/guide/turkey_vulture)

\**Osprey* – Fairly common migrant and breeder

<https://www.allaboutbirds.org/guide/osprey>

?*Northern Harrier* – Uncommon migrant and winter visitor. Possible very rare breeder in summer [https://www.allaboutbirds.org/guide/northern\\_harrier](https://www.allaboutbirds.org/guide/northern_harrier)

Sharp-shinned Hawk – Fairly common migrant and winter visitor. Very rare in summer

[https://www.allaboutbirds.org/guide/sharp-shinned\\_hawk](https://www.allaboutbirds.org/guide/sharp-shinned_hawk)

\**Cooper's Hawk* – Fairly common migrant and winter visitor. Uncommon breeder

[https://www.allaboutbirds.org/guide/coopers\\_hawk](https://www.allaboutbirds.org/guide/coopers_hawk)

?*Bald Eagle* – Fairly common resident. Has bred along the Delaware River on islands in Pennsylvania [https://www.allaboutbirds.org/guide/bald\\_eagle](https://www.allaboutbirds.org/guide/bald_eagle)

?*Red-shouldered Hawk* – Uncommon to rare migrant and winter visitor. Possible very rare breeder in summer [https://www.allaboutbirds.org/guide/red-shouldered\\_hawk](https://www.allaboutbirds.org/guide/red-shouldered_hawk)

?Broad-winged Hawk – Uncommon migrant, but occasionally in large numbers. Possible very rare breeder in summer [https://www.allaboutbirds.org/guide/broad-winged\\_hawk](https://www.allaboutbirds.org/guide/broad-winged_hawk)

\*Red-tailed Hawk – Fairly common resident and breeder

[https://www.allaboutbirds.org/guide/red-tailed\\_hawk](https://www.allaboutbirds.org/guide/red-tailed_hawk)

## **PLOVERS AND SANDPIPERS**

\*Killdeer – Fairly common breeder and migrant, occasionally common in late summer and fall.

Very rare in winter. <https://www.allaboutbirds.org/guide/killdeer>

?*American Woodcock* – Uncommon migrant and possible rare breeder. Usually undetected unless it is performing courtship display at dusk or dawn

[https://www.allaboutbirds.org/guide/american\\_woodcock](https://www.allaboutbirds.org/guide/american_woodcock)

\*Spotted Sandpiper – Fairly common migrant and uncommon breeder

[https://www.allaboutbirds.org/guide/spotted\\_sandpiper](https://www.allaboutbirds.org/guide/spotted_sandpiper)

Solitary Sandpiper – Fairly common migrant

[https://www.allaboutbirds.org/guide/solitary\\_sandpiper](https://www.allaboutbirds.org/guide/solitary_sandpiper)

## **GULLS**

Ring-billed Gull – Common migrant and winter visitor, occasionally in large numbers

[https://www.allaboutbirds.org/guide/ring-billed\\_gull](https://www.allaboutbirds.org/guide/ring-billed_gull)

Herring Gull – Fairly common migrant and winter visitor

[https://www.allaboutbirds.org/guide/herring\\_gull](https://www.allaboutbirds.org/guide/herring_gull)

Lesser Black-backed Gull – Uncommon migrant and winter visitor

[https://www.allaboutbirds.org/guide/lesser\\_black-backed\\_gull](https://www.allaboutbirds.org/guide/lesser_black-backed_gull)

## **PIGEONS, DOVES AND CUCKOOS**

\*Rock Pigeon – Common resident and breeder

[https://www.allaboutbirds.org/guide/rock\\_pigeon](https://www.allaboutbirds.org/guide/rock_pigeon)

## **PIGEONS, DOVES AND CUCKOOS (continued)**

\*Mourning Dove – Common resident and breeder

[https://www.allaboutbirds.org/guide/mourning\\_dove](https://www.allaboutbirds.org/guide/mourning_dove)

\*Yellow-billed Cuckoo – Uncommon migrant and breeder

[https://www.allaboutbirds.org/guide/yellow-billed\\_cuckoo](https://www.allaboutbirds.org/guide/yellow-billed_cuckoo)

\*Black-billed Cuckoo – Uncommon migrant and breeder

[https://www.allaboutbirds.org/guide/black-billed\\_cuckoo](https://www.allaboutbirds.org/guide/black-billed_cuckoo)

## **OWLS AND NIGHTJARS**

\*Eastern Screech-Owl – Fairly common resident and breeder

[https://www.allaboutbirds.org/guide/eastern\\_screech-owl](https://www.allaboutbirds.org/guide/eastern_screech-owl)

\*Great Horned Owl – Uncommon resident and breeder

[https://www.allaboutbirds.org/guide/great\\_horned\\_owl](https://www.allaboutbirds.org/guide/great_horned_owl)

Common Nighthawk – Uncommon migrant, occasionally in large numbers

[https://www.allaboutbirds.org/guide/common\\_nighthawk](https://www.allaboutbirds.org/guide/common_nighthawk)

## **SWIFTS, HUMMINGBIRDS AND KINGFISHERS**

\*Chimney Swift – Common migrant and breeder

[https://www.allaboutbirds.org/guide/chimney\\_swift](https://www.allaboutbirds.org/guide/chimney_swift)

\*Ruby-throated Hummingbird – Fairly common migrant and breeder

[https://www.allaboutbirds.org/guide/ruby-throated\\_hummingbird](https://www.allaboutbirds.org/guide/ruby-throated_hummingbird)

\*Belted Kingfisher – Fairly common migrant and breeder. Uncommon in winter

[https://www.allaboutbirds.org/guide/belted\\_kingfisher](https://www.allaboutbirds.org/guide/belted_kingfisher)

## **WOODPECKERS**

\*Red-bellied Woodpecker – Common resident and breeder

[https://www.allaboutbirds.org/guide/red-bellied\\_woodpecker](https://www.allaboutbirds.org/guide/red-bellied_woodpecker)

Yellow-bellied Sapsucker – Fairly common migrant and winter visitor

[https://www.allaboutbirds.org/guide/yellow-bellied\\_sapsucker](https://www.allaboutbirds.org/guide/yellow-bellied_sapsucker)

\*Downy Woodpecker – Common resident and breeder

[https://www.allaboutbirds.org/guide/downy\\_woodpecker](https://www.allaboutbirds.org/guide/downy_woodpecker)

\*Hairy Woodpecker – Fairly common resident and breeder

[https://www.allaboutbirds.org/guide/hairy\\_woodpecker](https://www.allaboutbirds.org/guide/hairy_woodpecker)

\*Northern Flicker – Common migrant and breeder. Fairly common winter visitor

[https://www.allaboutbirds.org/guide/northern\\_flicker](https://www.allaboutbirds.org/guide/northern_flicker)

\*Pileated Woodpecker – Uncommon resident and breeder

[https://www.allaboutbirds.org/guide/pileated\\_woodpecker](https://www.allaboutbirds.org/guide/pileated_woodpecker)

## **FALCONS**

\*American Kestrel – Fairly common migrant and breeder. Uncommon in winter

[https://www.allaboutbirds.org/guide/american\\_kestrel](https://www.allaboutbirds.org/guide/american_kestrel)

Merlin – Uncommon migrant and winter visitor

<https://www.allaboutbirds.org/guide/merlin>

## **FALCONS (continued)**

?*Peregrine Falcon* – Rare migrant and winter visitor. Confirmed breeder in area adjacent to Holland Township along the Delaware River

[https://www.allaboutbirds.org/guide/peregrine\\_falcon](https://www.allaboutbirds.org/guide/peregrine_falcon)

## **FLYCATCHERS**

\*Eastern Wood-Pewee – Common migrant and breeder

[https://www.allaboutbirds.org/guide/eastern\\_wood-pewee](https://www.allaboutbirds.org/guide/eastern_wood-pewee)

\*Acadian Flycatcher – Uncommon breeder, usually undetected as a migrant

[https://www.allaboutbirds.org/guide/acadian\\_flycatcher](https://www.allaboutbirds.org/guide/acadian_flycatcher)

\*Willow Flycatcher – Common migrant and breeder

[https://www.allaboutbirds.org/guide/willow\\_flycatcher](https://www.allaboutbirds.org/guide/willow_flycatcher)

Least Flycatcher – Uncommon to rare migrant

[https://www.allaboutbirds.org/guide/least\\_flycatcher](https://www.allaboutbirds.org/guide/least_flycatcher)

\*Eastern Phoebe – Common migrant and breeder

[https://www.allaboutbirds.org/guide/eastern\\_phoebe](https://www.allaboutbirds.org/guide/eastern_phoebe)

\*Great Crested Flycatcher – Fairly common migrant and breeder

[https://www.allaboutbirds.org/guide/great\\_crested\\_flycatcher](https://www.allaboutbirds.org/guide/great_crested_flycatcher)

\*Eastern Kingbird – Common migrant and breeder

[https://www.allaboutbirds.org/guide/eastern\\_kingbird](https://www.allaboutbirds.org/guide/eastern_kingbird)

## **VIREOS**

\*White-eyed Vireo – Rare migrant and uncommon breeder

[https://www.allaboutbirds.org/guide/white-eyed\\_vireo](https://www.allaboutbirds.org/guide/white-eyed_vireo)

\*Yellow-throated Vireo – Fairly common migrant and breeder

[https://www.allaboutbirds.org/guide/yellow-throated\\_vireo](https://www.allaboutbirds.org/guide/yellow-throated_vireo)

Blue-headed Vireo – Fairly common migrant

[https://www.allaboutbirds.org/guide/blue-headed\\_vireo](https://www.allaboutbirds.org/guide/blue-headed_vireo)

\*Warbling Vireo – Common migrant and breeder

[https://www.allaboutbirds.org/guide/warbling\\_vireo](https://www.allaboutbirds.org/guide/warbling_vireo)

\*Red-eyed Vireo – Common migrant and breeder  
[https://www.allaboutbirds.org/guide/red-eyed\\_vireo](https://www.allaboutbirds.org/guide/red-eyed_vireo)

## **JAYS AND CROWS (CORVIDS)**

\*Blue Jay – Common resident and breeder. Occasionally abundant migrant

[https://www.allaboutbirds.org/guide/blue\\_jay](https://www.allaboutbirds.org/guide/blue_jay)

\*American Crow – Common resident and breeder. Occasionally abundant in winter

[https://www.allaboutbirds.org/guide/american\\_crow](https://www.allaboutbirds.org/guide/american_crow)

\*Fish Crow – Fairly common to common migrant and breeder. Uncommon, but increasing as a winter visitor

[https://www.allaboutbirds.org/guide/fish\\_crow](https://www.allaboutbirds.org/guide/fish_crow)

?Common Raven – Uncommon resident and possible breeder. Confirmed breeder in area adjacent to Holland Township along the Delaware River. Increasing.

[https://www.allaboutbirds.org/guide/common\\_raven](https://www.allaboutbirds.org/guide/common_raven)

## **SWALLOWS**

\*Northern Rough-winged Swallow – Common migrant and breeder

[https://www.allaboutbirds.org/guide/northern\\_rough-winged\\_swallow](https://www.allaboutbirds.org/guide/northern_rough-winged_swallow)

\*Tree Swallow – Common to abundant migrant. Common breeder

[https://www.allaboutbirds.org/guide/tree\\_swallow](https://www.allaboutbirds.org/guide/tree_swallow)

Bank Swallow – Rare to uncommon migrant

[https://www.allaboutbirds.org/guide/bank\\_swallow](https://www.allaboutbirds.org/guide/bank_swallow)

\*Barn Swallow – Common migrant and breeder

[https://www.allaboutbirds.org/guide/barn\\_swallow](https://www.allaboutbirds.org/guide/barn_swallow)

?*Cliff Swallow* – Rare to uncommon migrant. Breeds in small numbers under the Milford-Upper

Black Eddy bridge [https://www.allaboutbirds.org/guide/cliff\\_swallow](https://www.allaboutbirds.org/guide/cliff_swallow)

## **CHICKADEES, TITMICE, NUTHATCHES AND BROWN CREEPER**

?Carolina Chickadee – Rare resident. Difficult to distinguish from more common Black-capped Chickadee. Holland Township is in the hybrid zone for the Black-capped/Carolina Chickadee as well and most birds seen are indistinguishable without very careful observation of plumage and vocalizations. [https://www.allaboutbirds.org/guide/carolina\\_chickadee](https://www.allaboutbirds.org/guide/carolina_chickadee)

\*Black-capped Chickadee – Common resident and breeder, however, see notes above

[https://www.allaboutbirds.org/guide/black-capped\\_chickadee](https://www.allaboutbirds.org/guide/black-capped_chickadee)

\*Tufted Titmouse – Common resident and breeder

[https://www.allaboutbirds.org/guide/tufted\\_titmouse](https://www.allaboutbirds.org/guide/tufted_titmouse)

Red-breasted Nuthatch – Uncommon migrant and winter visitor, though in some years it is entirely absent and in others, may be common (irruptive migrant)

[https://www.allaboutbirds.org/guide/red-breasted\\_nuthatch](https://www.allaboutbirds.org/guide/red-breasted_nuthatch)

\*White-breasted Nuthatch – Fairly common resident and breeder

[https://www.allaboutbirds.org/guide/white-breasted\\_nuthatch](https://www.allaboutbirds.org/guide/white-breasted_nuthatch)

Brown Creeper – Fairly common migrant and winter visitor

[https://www.allaboutbirds.org/guide/brown\\_creeper](https://www.allaboutbirds.org/guide/brown_creeper)

## **WRENS, GNATCATCHER AND KINGLETS**

\*House Wren – Common migrant and breeder

[https://www.allaboutbirds.org/guide/house\\_wren](https://www.allaboutbirds.org/guide/house_wren)

\*Winter Wren – Fairly common to uncommon migrant and winter visitor. Rare breeder on hillsides above the Musconetcong Gorge

[https://www.allaboutbirds.org/guide/winter\\_wren](https://www.allaboutbirds.org/guide/winter_wren)

\*Carolina Wren – Common resident and breeder

[https://www.allaboutbirds.org/guide/carolina\\_wren](https://www.allaboutbirds.org/guide/carolina_wren)

\*Blue-gray Gnatcatcher – Common migrant and breeder

[https://www.allaboutbirds.org/guide/blue-gray\\_gnatcatcher](https://www.allaboutbirds.org/guide/blue-gray_gnatcatcher)

Golden-crowned Kinglet – Common migrant and winter visitor

[https://www.allaboutbirds.org/guide/golden-crowned\\_kinglet](https://www.allaboutbirds.org/guide/golden-crowned_kinglet)

Ruby-crowned Kinglet – Common migrant. Uncommon to rare winter visitor

[https://www.allaboutbirds.org/guide/ruby-crowned\\_kinglet](https://www.allaboutbirds.org/guide/ruby-crowned_kinglet)

### **THRUSHES, BLUEBIRDS AND ROBINS**

\*Eastern Bluebird – Common resident and breeder

[https://www.allaboutbirds.org/guide/eastern\\_bluebird](https://www.allaboutbirds.org/guide/eastern_bluebird)

\*Veery – Common migrant and breeder

<https://www.allaboutbirds.org/guide/veery>

Swainson's Thrush – Rare to uncommon migrant

[https://www.allaboutbirds.org/guide/swainsons\\_thrush](https://www.allaboutbirds.org/guide/swainsons_thrush)

Hermit Thrush – Fairly common migrant and winter visitor

[https://www.allaboutbirds.org/guide/hermit\\_thrush](https://www.allaboutbirds.org/guide/hermit_thrush)

\*Wood Thrush – Common migrant and breeder

[https://www.allaboutbirds.org/guide/wood\\_thrush](https://www.allaboutbirds.org/guide/wood_thrush)

\*American Robin – Common resident and breeder. Often abundant in winter roosts

[https://www.allaboutbirds.org/guide/american\\_robin](https://www.allaboutbirds.org/guide/american_robin)

### **MIMIC THRUSHES, STARLING AND WAXWINGS**

\*Gray Catbird – Common migrant and breeder.

[https://www.allaboutbirds.org/guide/gray\\_catbird](https://www.allaboutbirds.org/guide/gray_catbird)

\*Brown Thrasher – Fairly common migrant and breeder

[https://www.allaboutbirds.org/guide/brown\\_thrasher](https://www.allaboutbirds.org/guide/brown_thrasher)

\*Northern Mockingbird – Common resident and breeder

[https://www.allaboutbirds.org/guide/northern\\_mockingbird](https://www.allaboutbirds.org/guide/northern_mockingbird)

\*European Starling – Common to abundant resident and breeder

[https://www.allaboutbirds.org/guide/european\\_starling](https://www.allaboutbirds.org/guide/european_starling)

\*Cedar Waxwing – Common resident and breeder, though sometimes absent in winter

[https://www.allaboutbirds.org/guide/cedar\\_waxwing](https://www.allaboutbirds.org/guide/cedar_waxwing)

### **WARBLERS**

\*Ovenbird – Common migrant and breeder

<https://www.allaboutbirds.org/guide/ovenbird>

\*Worm-eating Warbler – Fairly common breeder. Usually undetected as a migrant

[https://www.allaboutbirds.org/guide/worm-eating\\_warbler](https://www.allaboutbirds.org/guide/worm-eating_warbler)

\*Louisiana Waterthrush – Fairly common breeder. Usually undetected as a migrant

[https://www.allaboutbirds.org/guide/louisiana\\_waterthrush](https://www.allaboutbirds.org/guide/louisiana_waterthrush)

Northern Waterthrush – Fairly common migrant

[https://www.allaboutbirds.org/guide/northern\\_waterthrush](https://www.allaboutbirds.org/guide/northern_waterthrush)

\*Blue-winged Warbler – Fairly common migrant and breeder

[https://www.allaboutbirds.org/guide/blue-winged\\_warbler](https://www.allaboutbirds.org/guide/blue-winged_warbler)

\*Black-and-White Warbler – Fairly common migrant and breeder

[https://www.allaboutbirds.org/guide/black-and-white\\_warbler](https://www.allaboutbirds.org/guide/black-and-white_warbler)

Tennessee Warbler – Rare to uncommon migrant

[https://www.allaboutbirds.org/guide/tennessee\\_warbler](https://www.allaboutbirds.org/guide/tennessee_warbler)

Nashville Warbler – Uncommon migrant

[https://www.allaboutbirds.org/guide/nashville\\_warbler](https://www.allaboutbirds.org/guide/nashville_warbler)

### **WARBLERS (continued)**

\*Kentucky Warbler – Uncommon to rare breeder. Very rare or undetected as a migrant

[https://www.allaboutbirds.org/guide/kentucky\\_warbler](https://www.allaboutbirds.org/guide/kentucky_warbler)

\*Common Yellowthroat – Common migrant and breeder

[https://www.allaboutbirds.org/guide/common\\_yellowthroat](https://www.allaboutbirds.org/guide/common_yellowthroat)

\*Hooded Warbler – Fairly common to uncommon breeder. Usually undetected as a migrant

[https://www.allaboutbirds.org/guide/hooded\\_warbler](https://www.allaboutbirds.org/guide/hooded_warbler)

\*American Redstart – Common migrant. Fairly common breeder

[https://www.allaboutbirds.org/guide/american\\_redstart](https://www.allaboutbirds.org/guide/american_redstart)

Cape May Warbler – Rare to uncommon migrant

[https://www.allaboutbirds.org/guide/cape\\_may\\_warbler](https://www.allaboutbirds.org/guide/cape_may_warbler)

\*Northern Parula – Fairly common to common migrant. Rare breeder

[https://www.allaboutbirds.org/guide/northern\\_parula](https://www.allaboutbirds.org/guide/northern_parula)

Magnolia Warbler – Fairly common migrant

[https://www.allaboutbirds.org/guide/magnolia\\_warbler](https://www.allaboutbirds.org/guide/magnolia_warbler)

Bay-breasted Warbler – Rare to uncommon migrant

[https://www.allaboutbirds.org/guide/bay-breasted\\_warbler](https://www.allaboutbirds.org/guide/bay-breasted_warbler)

Blackburnian Warbler – Fairly common migrant

[https://www.allaboutbirds.org/guide/blackburnian\\_warbler](https://www.allaboutbirds.org/guide/blackburnian_warbler)

\*Yellow Warbler – Common migrant and breeder

[https://www.allaboutbirds.org/guide/yellow\\_warbler](https://www.allaboutbirds.org/guide/yellow_warbler)

\*Chestnut-sided Warbler – Common migrant and fairly common breeder

[https://www.allaboutbirds.org/guide/chestnut-sided\\_warbler](https://www.allaboutbirds.org/guide/chestnut-sided_warbler)

Blackpoll Warbler – Fairly common migrant

[https://www.allaboutbirds.org/guide/blackpoll\\_warbler](https://www.allaboutbirds.org/guide/blackpoll_warbler)

Black-throated Blue Warbler – Fairly common migrant

[https://www.allaboutbirds.org/guide/black-throated\\_blue\\_warbler](https://www.allaboutbirds.org/guide/black-throated_blue_warbler)

Palm Warbler – Fairly common migrant

[https://www.allaboutbirds.org/guide/palm\\_warbler](https://www.allaboutbirds.org/guide/palm_warbler)

?Pine Warbler – Uncommon to fairly common migrant. Possible very rare breeder

[https://www.allaboutbirds.org/guide/pine\\_warbler](https://www.allaboutbirds.org/guide/pine_warbler)

Yellow-rumped Warbler – Common to abundant migrant. Uncommon in winter

[https://www.allaboutbirds.org/guide/yellow-rumped\\_warbler](https://www.allaboutbirds.org/guide/yellow-rumped_warbler)

\*Prairie Warbler – Fairly common migrant and breeder

[https://www.allaboutbirds.org/guide/prairie\\_warbler](https://www.allaboutbirds.org/guide/prairie_warbler)

Black-throated Green Warbler – Fairly common migrant

[https://www.allaboutbirds.org/guide/black-throated\\_green\\_warbler](https://www.allaboutbirds.org/guide/black-throated_green_warbler)

Canada Warbler – Uncommon migrant

[https://www.allaboutbirds.org/guide/canada\\_warbler](https://www.allaboutbirds.org/guide/canada_warbler)

Wilson's Warbler – Uncommon migrant

[https://www.allaboutbirds.org/guide/wilsons\\_warbler](https://www.allaboutbirds.org/guide/wilsons_warbler)

## **SPARROWS, JUNCOS AND TOWHEES**

\**Grasshopper Sparrow* – Rare to uncommon breeder and very rare fall migrant

[https://www.allaboutbirds.org/guide/grasshopper\\_sparrow](https://www.allaboutbirds.org/guide/grasshopper_sparrow)

American Tree Sparrow – Common winter visitor

[https://www.allaboutbirds.org/guide/american\\_tree\\_sparrow](https://www.allaboutbirds.org/guide/american_tree_sparrow)

\*Chipping Sparrow – Common migrant and breeder

[https://www.allaboutbirds.org/guide/chipping\\_sparrow](https://www.allaboutbirds.org/guide/chipping_sparrow)

\*Field Sparrow – Common migrant and fairly common breeder

[https://www.allaboutbirds.org/guide/field\\_sparrow](https://www.allaboutbirds.org/guide/field_sparrow)

Fox Sparrow – Uncommon migrant and rare winter visitor

[https://www.allaboutbirds.org/guide/fox\\_sparrow](https://www.allaboutbirds.org/guide/fox_sparrow)

Dark-eyed Junco – Common migrant and winter visitor

[https://www.allaboutbirds.org/guide/dark-eyed\\_junco](https://www.allaboutbirds.org/guide/dark-eyed_junco)

White-crowned Sparrow – Fairly common fall migrant. Rare in spring and uncommon in winter

[https://www.allaboutbirds.org/guide/white-crowned\\_sparrow](https://www.allaboutbirds.org/guide/white-crowned_sparrow)

White-throated Sparrow – Common to abundant migrant. Common in winter

[https://www.allaboutbirds.org/guide/white-throated\\_sparrow](https://www.allaboutbirds.org/guide/white-throated_sparrow)

?*Savannah Sparrow* – Fairly common migrant. Rare in winter. Rare breeder in adjacent areas of Alexandria Township and possibly breeds in fields of Holland Township

[https://www.allaboutbirds.org/guide/savannah\\_sparrow](https://www.allaboutbirds.org/guide/savannah_sparrow)

\*Song Sparrow – Common to abundant migrant. Fairly common in winter and common breeder

[https://www.allaboutbirds.org/guide/song\\_sparrow](https://www.allaboutbirds.org/guide/song_sparrow)

Lincoln's Sparrow – Rare spring migrant and uncommon fall migrant

[https://www.allaboutbirds.org/guide/lincolns\\_sparrow](https://www.allaboutbirds.org/guide/lincolns_sparrow)

?Swamp Sparrow – Common migrant. Rare in winter. Possible very rare breeder

[https://www.allaboutbirds.org/guide/swamp\\_sparrow](https://www.allaboutbirds.org/guide/swamp_sparrow)

\*Eastern Towhee – Common migrant and fairly common breeder

[https://www.allaboutbirds.org/guide/eastern\\_towhee](https://www.allaboutbirds.org/guide/eastern_towhee)

## **TANAGERS, CARDINAL, GROSBEAKS AND BUNTINGS**

\*Scarlet Tanager – Common migrant and fairly common breeder

[https://www.allaboutbirds.org/guide/scarlet\\_tanager](https://www.allaboutbirds.org/guide/scarlet_tanager)

\*Northern Cardinal – Common resident and breeder

[https://www.allaboutbirds.org/guide/northern\\_cardinal](https://www.allaboutbirds.org/guide/northern_cardinal)

\*Rose-breasted Grosbeak – Common migrant and fairly common breeder

[https://www.allaboutbirds.org/guide/rose-breasted\\_grosbeak](https://www.allaboutbirds.org/guide/rose-breasted_grosbeak)

\*Indigo Bunting – Common migrant and breeder

[https://www.allaboutbirds.org/guide/indigo\\_bunting](https://www.allaboutbirds.org/guide/indigo_bunting)

## **BOBOLINK, MEADOWLARK, ORIOLES AND BLACKBIRDS**

\**Bobolink* – Uncommon migrant and rare breeder

<https://www.allaboutbirds.org/guide/bobolink>

## **BOBOLINK, MEADOWLARK, ORIOLES AND BLACKBIRDS**

\*Eastern Meadowlark – Rare to uncommon migrant and breeder – formerly more numerous

[https://www.allaboutbirds.org/guide/eastern\\_meadowlark](https://www.allaboutbirds.org/guide/eastern_meadowlark)

\*Orchard Oriole – Fairly common migrant and breeder

[https://www.allaboutbirds.org/guide/orchard\\_oriole](https://www.allaboutbirds.org/guide/orchard_oriole)

\*Baltimore Oriole – Common migrant and breeder

[https://www.allaboutbirds.org/guide/baltimore\\_oriole](https://www.allaboutbirds.org/guide/baltimore_oriole)

\*Red-winged Blackbird – Common to abundant migrant and common breeder. Rare in winter, though spring migrants often arrive in February

[https://www.allaboutbirds.org/guide/red-winged\\_blackbird](https://www.allaboutbirds.org/guide/red-winged_blackbird)

\*Brown-headed Cowbird – Common migrant and breeder. Uncommon to rare in winter

[https://www.allaboutbirds.org/guide/brown-headed\\_cowbird](https://www.allaboutbirds.org/guide/brown-headed_cowbird)

Rusty Blackbird – Rare to uncommon migrant and very rare winter visitor

[https://www.allaboutbirds.org/guide/rusty\\_blackbird](https://www.allaboutbirds.org/guide/rusty_blackbird)

\*Common Grackle – Common to abundant migrant and common breeder. Uncommon to rare in winter, but spring migrants often arrive in February

[https://www.allaboutbirds.org/guide/common\\_grackle](https://www.allaboutbirds.org/guide/common_grackle)

## **FINCHES AND HOUSE SPARROW**

\*House Finch – Common resident and breeder

[https://www.allaboutbirds.org/guide/house\\_finch](https://www.allaboutbirds.org/guide/house_finch)

Purple Finch - Uncommon to fairly common migrant and uncommon to rare winter visitor, though in some years it is entirely absent and in others, may be common (irruptive migrant)

[https://www.allaboutbirds.org/guide/purple\\_finch](https://www.allaboutbirds.org/guide/purple_finch)

Pine Siskin - Uncommon migrant and winter visitor, though in some years it is entirely absent and in others, may be common to abundant (irruptive migrant)

[https://www.allaboutbirds.org/guide/pine\\_siskin](https://www.allaboutbirds.org/guide/pine_siskin)

\*American Goldfinch – Common resident and breeder

[https://www.allaboutbirds.org/guide/american\\_goldfinch](https://www.allaboutbirds.org/guide/american_goldfinch)

\*House Sparrow – Common resident and breeder

[https://www.allaboutbirds.org/guide/house\\_sparrow](https://www.allaboutbirds.org/guide/house_sparrow)

## **LIST OF RARITIES**

- Ross's Goose – Very rare migrant and winter visitor (one record)  
Greater White-fronted Goose – Very rare migrant and winter visitor (2 records)  
Brant – very rare migrant (one record)  
Cackling Goose – Rare migrant and winter visitor (9 records)  
Mute Swan – Rare migrant and winter visitor (13 records)  
Tundra Swan – Very rare spring migrant (one record)  
Blue-winged Teal – Very rare migrant (2 records)  
Northern Shoveler – Very rare migrant and winter visitor (2 records)  
American Wigeon – Rare spring migrant and very rare winter visitor (21 records)  
Northern Pintail – Rare migrant and winter visitor (19 records)  
Canvasback – Very rare spring migrant and winter visitor (6 records)  
Redhead – Very rare spring migrant and winter visitor (12 records)  
Greater Scaup – Rare spring migrant and winter visitor (10 records)  
Lesser Scaup – Rare spring migrant (8 records)  
Red-breasted Merganser – Rare spring migrant and very rare winter visitor (12 records)  
Northern Bobwhite – Very rare (former?) resident; likely originating from birds released for hunting (3 records)  
\*Ring-necked Pheasant – Rare to very rare resident; likely originating from birds released for hunting (many records, but only 5 in the past 10 years)  
Common Loon – Rare spring migrant (11 records)  
*Pied-billed Grebe* – Rare to very rare migrant and winter visitor (6 records)  
Horned Grebe – Very rare spring migrant (one record)  
Red-necked Grebe – Very rare migrant and winter visitor (4 records)  
Great Cormorant – Very rare migrant and winter visitor (one record)  
*American Bittern* – Very rare spring migrant (2 records)  
Great Egret – Rare migrant (14 records)  
Little Blue Heron – Very rare warm weather visitor (one record)  
Black-crowned Night-Heron – Very rare migrant (4 records)  
Glossy Ibis – Very rare warm weather visitor (one record)  
Golden Eagle – Very rare fall migrant and winter visitor (2 records)  
*Northern Goshawk* – Very rare migrant (3 records)  
Rough-legged Hawk – Very rare winter visitor (4 records)  
Virginia Rail – Very rare spring migrant. Possibly undetected due to secretive habits (one record)  
Sora – Very rare fall migrant. Possibly undetected due to secretive habits (2 records)  
American Coot – Very rare in winter (2 records)  
Sandhill Crane – Very rare fall migrant (one record)  
Semipalmated Plover – Very rare spring migrant (one record)  
Least Sandpiper – Rare migrant (6 records)  
Wilson's Snipe – Rare migrant and winter visitor (31 records)  
Greater Yellowlegs – Very rare migrant (3 records)  
Lesser Yellowlegs – Very rare migrant (3 records)

Bonaparte's Gull – very rare spring migrant (one record)  
Iceland Gull – very rare winter visitor (2 records)  
Great Black-backed Gull – Rare winter visitor (13 records)  
\*Barn Owl – very rare (former?) breeder and year-round resident (2 records)  
?Long-eared Owl – Rare winter visitor and possible breeder, though usually undetected due to nocturnal habits (5 records)  
Short-eared Owl – Very rare migrant (one record)  
Northern Saw-whet Owl – Rare winter visitor, though usually undetected due to nocturnal habits (9 records)  
Calliope Hummingbird – very rare visitor (vagrant) (one record over several days)  
Red-headed Woodpecker – very rare migrant (2 records)  
Crested Caracara – very rare visitor (vagrant) (one record over several days)  
Olive-sided Flycatcher – Rare migrant (9 records)  
Yellow-bellied Flycatcher – Very rare migrant (2 records)  
Alder Flycatcher – Rare migrant (5 records)  
Northern Shrike – very rare winter visitor (one record)  
Philadelphia Vireo – Rare fall migrant (3 records)  
Horned Lark – Very rare winter visitor (3 records)  
?Purple Martin – Rare migrant. Breeds in adjacent area of Alexandria Township and birds from that colony occasionally feed in Holland Township (15 records)  
Marsh Wren – Very rare fall migrant (4 records)  
Gray-cheeked Thrush – Very rare migrant (4 records)  
American Pipit – Rare migrant. Very rare in winter (19 records)  
Golden-winged Warbler – Very rare migrant (2 records)  
\*Prothonotary Warbler – Very rare breeder (7 records)  
Orange-crowned Warbler – Very rare migrant and winter visitor (3 records)  
Connecticut Warbler – Very rare fall migrant (2 records)  
Mourning Warbler – Very rare migrant (4 records)  
\*Cerulean Warbler – Rare breeder (formerly?) (20 records)  
\*Yellow-throated Warbler – Very rare migrant and breeder (13 records)  
Nelson's Sparrow – very rare fall migrant (one record)  
Clay-colored Sparrow – Very rare fall migrant (one record)  
Vesper Sparrow – Very rare migrant (10 records)  
\*Yellow-breasted Chat – Rare breeder (formerly) (12 records)  
Summer Tanager – very rare warm weather visitor (one record)  
?Blue Grosbeak – very rare summer visitor and possible breeder (4 records)  
Painted Bunting – very rare winter visitor (vagrant) (one record over several days)  
Dickcissel – very rare fall migrant (2 records)  
Yellow-headed Blackbird – very rare spring migrant (2 records)  
Common Redpoll – very rare winter visitor (irruptive migrant) (3 records)  
White-winged Crossbill – very rare winter visitor (irruptive migrant) (one record)  
Evening Grosbeak – very rare winter visitor (irruptive migrant) (one record)

Public Comment: No one is present in the public.

Spotted Lantern Fly: Ray Note granted permission for people to enter his property to look for the Spotted Lantern Fly. The government is aware of the problems with the spotted lantern fly. If you see it, report it!

Ted Harwick mentioned that he might not attend the December meeting as he might be away hunting.

At 8:30 pm Mike Keady made a motion to adjourn.

Respectfully Submitted

*Maria Elena Jennette Kozak*

Maria Elena Jennette Kozak

Environmental Commission Secretary