



Nature London

2021-22

Annual Report

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President's Report

This Nature London Annual Report covers the period from September 1, 2021 to August 31, 2022. The COVID-19 pandemic continued to impact, our programs and operations that involved meetings, presentations, field trips, and other activities; however, this did not prevent Nature London from engaging many activities as documented in the following pages by our dedicated appointees and other volunteers.

Although we could not hold our annual Awards Banquet again this year due to the pandemic, we did proceed with the virtual presentation of the awards. Leslie Rockwell was presented with the W. E. Saunders Award of Merit in recognition of her many exceptional personal contributions to Nature London. Pat Tripp received the Special Recognition Award for her service to Nature London as the Coordinator of the popular and highly regarded Nature in the City lecture series and Suncatcher Awards were presented to Irma Harris and Paul Stevens for their dedicated service as members of the Nature London Board of Directors. In addition, Conservation Awards were presented to Cathy Quinlan for her outstanding contributions as chair of the Thames Talbot Land Trust's Land Securement Committee and to Ric and Sandy Symmes for their outstanding contributions to avian conservation and protection.

The bird counts went ahead as planned in December with safety protocols in place. The Christmas Bird Count for Kids held on December 4—with thanks to Cathy McCrae and Bernie VanDenBelt for organizing this event—was a great success with the Black-capped Chickadees playing their usual starring roles and the 112th consecutive Christmas Bird Count took place on December 19. The weather was not particularly cooperative, which was probably a major factor contributing to a lower than usual count this year; nonetheless, it was quite a successful event overall with thanks going to Pete Read for organizing it once again.

The agreement to establish the “Nature London Fund,” a limited term donor-designated fund was signed and should prove to be another excellent tool to help us to address our mission to preserve nature. Thanks to the Finance Committee for all the hard work they did to make this a reality. We also established an investment strategy aimed at developing a steady stream of revenue from year-to-year to support Nature London's priorities. The Finance Committee—Garry Cruickshank, Sandy Levin, Lesley Pergau, Bernie VanDenBelt, and, more recently, Grant Hopcroft—put a lot of thought and effort into devising the strategy and we owe them a vote of thanks for this achievement on behalf of our club.

Based on the recommendation of Pete Read, our Birds Record Secretary, this position was eliminated since with new technology (i.e., eBird) it is no longer required. Pete has provided dedicated service in this capacity since 1983 and has contributed immensely to our knowledge of our regional avifauna and sincere thanks go out to him for his outstanding service.

At Nature London's Annual General Meeting on March 18, we were pleased to welcome Darby Alderson and Don Taves to the Board of Directors as new Directors at Large beginning September

1, 2022. We also had an opportunity to thank Nick Bell, Dan Tigchelaar, and Chrisoula Van Oirschot for their service as Directors at Large and Bernie VanDenBelt for his extended and active service as Past President. Subsequently, Bernie has been reinstated as President and Bob Wright has been appointed Vice-President as we moved into the 2022-23 fiscal year.

The Eco-Grants Program was continued with over \$16,000 of the available \$20,000 was allocated to four meritorious projects. Thanks go to the Eco-Grants Committee—Carol Agocs, Jennifer Evans, Susan Hall, Sandy Levin, Lesley Pergau, Susan Relecom, and Bernie VanDenBelt—for all the work they did to solicit and evaluate the applications. To assist them with their work, the Eco-Grants Committee devised an application evaluation tool that will be very useful going forward.

We had some excitement at Cedarcroft when the May 21 derecho swept through the Quebec City-Windsor corridor and was too much for a large maple tree with heart rot that was blown down near a residence. It was kept from causing severe damage thanks to the fact that it fell against a large, sturdy oak that was unfazed by the storm. Kudos to Barb Kaiser and Herb Bax who responded quickly and worked with Davey Tree Expert Co. and Abel Tree Service Inc. who expertly moved the tree into the ravine where it now rests.

Once again, it is always a pleasure to thank our cadre of volunteers for all they do to help Nature London to achieve its ambitious goals: to acquire and disseminate knowledge of natural history; to conserve wildlife and protect its natural habitat; to stimulate public interest in nature and its protection and preservation; to develop and sponsor special natural history interest groups; and, to undertake all the “under the hood” activities that enable Nature London to function effectively as an all-volunteer, not-for-profit, charitable organization.

While I will be continuing to serve Nature London as Past President, this is my last contribution to this space as President. It has been a privilege to serve an organization as distinguished as Nature London and I would like to thank the board members, the appointees, and other Nature London colleagues who have been so helpful and fun to work with over that past three years.

Gordon Neish

Past President’s Report

One of the tasks assigned to the Past President is the compilation of the Annual Report. However, while I have served as Past President for 2021-22, by the time this report is compiled, Gordon Neish will have assumed that role and task. I would like to take this opportunity to thank him for his considerable efforts in assembling this report. The breadth and depth of activity within Nature London makes this no small task.

In addition, I would like to thank Gordon for his exemplary leadership of the club, not only this past year, but for the past three years. None of us would have imagined that, not long into his tenure as President, we would be swept up in a pandemic that turned our world upside down. However, Gordon quickly mastered the technical aspects of Zoom allowing us to continue meeting as a board and conducting monthly member meetings online, as we have continued to do this past

year. Under his leadership, the club has continued to thrive during a period when activity at many organizations ground to a halt.

Another important task completed under Gordon's leadership was the changing of the club's legal name from The McIlwraith Field Naturalists of London Inc. to Nature London Inc. With the club publicly known as Nature London for some years now, the change in our legal name was the next logical step. Gordon initiated the task in 2020-21 and reported at the September 2021 board meeting that the change was now official. This change will simplify many tasks and also avoid the confusion experienced by many in the past, including donors and their agents, whose search for the club under the Nature London banner in various directories would often prove fruitless.

I would also like to recognize the efforts of all our volunteers whose creativity and determination allowed the club to carry on with the vast majority of its activities, albeit with modifications in some cases. As pandemic conditions and advisories changed, our volunteers continued to adapt as necessary. Now, as restrictions have eased and things begin to "open up", we look forward to engaging in person more frequently in 2022-23.

During the past few years, the value of Cedarcroft, not only as a refuge for nature, but for our members as well, has become even more apparent. When the pandemic closed off so many of our usual haunts, Cedarcroft, it appears to me, underwent a renaissance of sorts with renewed interest by many in the club to explore and enjoy all it has to offer. This trend has continued in 2021-22. Our thanks go out to our Cedarcroft volunteers, under the direction of Barb Kaiser, for their continued efforts to enrich the experience of those who visit the site.

In addition to managing our own nature reserve, Nature London has a proud tradition of assisting with the securement of other reserves as well. Many of you will be acquainted with the support Nature London has provided to Thames Talbot Land Trust (TTLT) in the securement of some of its reserves. In 2021-22, the club was pleased to contribute \$3000 towards the securement of a 100-acre extension to Ontario Nature's Sydenham Nature Reserve. This reserve, located in the heart of the Carolinian Zone, is a site of incredible biodiversity. Many Nature London members contributed towards the purchase of the original parcel in 2016 and have assisted with stewardship and restoration activities at the site in the intervening years. Nature London was most pleased to be a partner in the reserve's expansion.

I hope you will enjoy reading through this edition of the Annual Report. It truly is a testament to how much can be accomplished when a group of like-minded and generous individuals work together. Our volunteers really are the lifeblood of the club. While some hold positions that make them well known to many in the club, many work quietly behind the scenes to keep things running smoothly. Whether high profile or low profile – your efforts are all most appreciated! Special thanks go to Norm Corrin for his efforts in managing the big picture in his role as Volunteer Coordinator.

If you have been contemplating taking the step from club member to member / volunteer, please contact Norm or any board member. We would be delighted to find a role for you within the organization that matches your skills and interests; the door is always open!

Bernie VanDenBelt

Reports from Directors, Appointees and Committees

Archives

Nature London Archival Fonds

The Nature London (NL) fonds, an independent holding, is housed, free of charge, in the restricted-access area of the London Room of the Central Public Library (LPL). Due to insufficient space at LPL, additional material is temporarily stored at the archivists' home. In the past year, during times of lessened COVID restrictions, we were able to resume in-person visits to the Nature London archives.

Ongoing accruals include *The Cardinal* and club documents such as Board minutes, annual reports, and bi-monthly e-newsletters. Other items relevant to the history of Nature London are accepted as opportunities arise. For the most part, new materials are kept in the archivists' home, where they are stored according to the Series to which they have been tentatively assigned.

Activities Carried out in Response to Requests (from club members and others)

- Researched details of 1971 and 1986 Hudsonian Godwit sightings in Middlesex County
- From club minutes, compiled list of ~100 plants reported in the Komoka Swamp area in 1890s
- At request of Joyce Reddoch of Ottawa, liaised with LPL re a missing 1860s-era album of watercolour paintings of wildflowers by Elizabeth Keen White (eventually found by LPL)
- At request of Dr Greg Thorn of Western University, on behalf of Vivian Miao of the UBC herbarium, identified London-area locations where John Dearnness collected fungi

Other Activities

- “Vignette from Nature London’s Past” published in *The Cardinal* 265:31, Autumn 2021
 - The Victoria Day List or the May 24th Spring Round-up (early 20th century and later)
- Assisted Pete Read in researching, writing, editing, and finding photos for first three articles of a four-part series on the history of bird record keeping by Nature London and its predecessors
 - Keeping Track of Bird Records, Part 1, 1850s-1932, *Cardinal* 266:34-37, Winter 2022;
 - Part 2, 1932-1950, 267:21-27, Spring 2022; Part 3, 1951-1983, 268:38-42, Summer 2022
- Delivered tribute at memorial service for Shirley Lorimer, Apr 29, 2022
- Provided NL’s Awards Committee with background info for citations for four award recipients
- Provided *Cardinal* committee with info on three club members who passed away recently
 - Wrote memorial tribute for Barry Attridge, *Cardinal* 266:33, Winter 2022
- Maintained ongoing communications with Paul Titus of Stormwater Engineering Division, City of London, re proposal to erect interpretive signage along Mud Creek

recreational trail (south of Oxford, east of Wonderland). This would commemorate the abundance of native orchids that grew there in the 1890s. Draft text, plus photos and other graphics have been submitted.

Professional Development

- Oct 22, 2021: Participated in half-day webinar that included virtual tours of archives in Woodstock, Owen Sound and Delaware, which provided insights into how different archives are organized, handle storage issues, provide access to the public, etc. (sponsored by Municipal Archives Interest Group of Archives Association of Ontario)
- Feb 10, 2022: Attended 3-hour Zoom workshop on Rules of Archival Description (RAD) (sponsored by Archives Association of Ontario)
- Mar 1, 2022: Attended 1-hour webinar – Celebrate with Collections (sponsored by Northeastern Document Conservation Center in Boston)
- Mar 24, 2022: Attended 2-hour webinar – Building a Digital Preservation System (sponsored by Toronto branch of Archives Association of Ontario)

Winifred and David Wake
Archivists for Nature London

Awards Banquet

The Awards Banquet was cancelled for 2021-22 due to the pandemic and the awards were presented virtually in conjunction with our virtual presentations.

Bird Friendly City Initiative

The Bird Friendly London team had a busy year. With the help of the Eco-Grant funding from Nature London an ambitious list of events and programs were undertaken. The list below while not exhaustive gives a good sample of the activities undertaken. The funding received through the Nature London Eco-Grants program enabled many of these initiatives.

- City bird art contest was held in September of 2021 which resulted in dozens of Cardinal themed submissions. Three winners were chosen by a panel of judges.
- Participated in Global Bird Rescue Sept 27 - Oct 3, 2021, where a total of 99 bird window collisions were documented
- Held an accessible birdwatching outing on Oct 24, 2021, as part of Birdability week
- Celebration at London Brewing Co-op Wednesday November 17, 2021, to launch the city bird beer the Northern Cardin-ale and celebrate London's certification as a bird friendly city. The cans featured the art of Beth Stewart who was one of the art contest's winners
- Designed printed and sold a 1000-piece puzzle featuring photographs of local birds
- Binoculars were purchased and donated to the Thing Library to remove barriers for people interested in starting to birdwatch
- On March 25, 2022, held a virtual presentation – An Evening with Joe Pitawanakwat on the indigenous taxonomy of birds and naming of birds Anishinaabe language
- Held the Bird Friendly Spring Migration Festival from Thursday May 5 to Sunday May 8 in conjunction with the London Public Library and Nature London. Events included twelve guided birdwatching hikes lead by Nature London members, a kickoff event a Wolf Hall,

a retrofit of windows at the Museum of Ontario Archeology and another Bird Friendly beer launch at the London Brewing Co-op.

- Started a new initiative – Lights Out London which encouraged London businesses and households to turn off unneeded lights after dark. The focus was the week of May 13-19, 2022, which coincided with world Migratory Bird Day on May 14. An application was submitted to the City of London through Nature London to turn off exterior-coloured lights on city buildings at this time. This was approved.
- Received a grant from Nature Canada which was used to encourage bird feeding and planting of native plants
- Commissioned an artist to design a pamphlet in the form of a graphic story explaining why cats should not be allowed to roam freely. This was distributed to local veterinarians and some pet supply stores
- Supported more window retrofits at Western University and Fanshawe college
- Continued to develop the website with more species profiles and a section on where to go birdwatching in London
- Regular blog posts on website about various topics related to birds and conservation. Social media – Facebook and Instagram were used to publicize these posts
- Continued to advocate at City Hall and with provincial politicians about the need for bylaws and legislation to increase the installation of bird friendly glass in new construction

Stacey Jaczko
Bird Friendly London Board Liaison
Member Bird Friendly London

Birding Wing

The Birding Wing Committee members for 2021-22 were Garth Casbourn, Kathy McCoy, Gail McNeil, and Paul Roedding. They were assisted by the Nature London Board liaison Stacey Jaczko. The committee met virtually by Zoom in May to decide on the speakers for the following year and each member took responsibility for contacting a speaker and organizing a meeting.

In September we started the year with a presentation from Stu MacKenzie titled Wingtips at our Fingertips. This was a fascinating look into the lives of migratory birds and how the MOTUS system is enabling us to learn so much more about their travels. We followed that with Brendon Samuels updating us on the Bird Friendly City project and what plans were being made to continue the momentum after receiving certification from Nature Canada. The next presentation in November was given by Pete Read who took us beyond the beaches in the Dominican Republic. Pete has led tours to this country many times and we enjoyed learning about the birdlife on this Caribbean Island.

In February Dave Wake entertained us with wonderful photos and stories of a trip he took to Columbia in early 2020 titled Columbia birding among and beyond the Andes. The final presentation for the year was given by Quinten Weigersma. Quinten is working as a naturalist in Algonquin Park and he took us through a year at the park and what birds can be found in each season.

All meetings were held virtually on zoom and began at 7:30 pm. They were moderated by Garth Casbourn and various members of the committee started the meeting with a discussion of local bird sightings.

Stacey Jaczko

Book Donations

Again in 2021-2022, COVID-19 prevented Nature London from having any indoor meetings, so there could be no sales of used books, puzzles, magazines etc. at meetings or as part of a bucket raffle at a banquet. A few sales were made, for a total of \$40.

There were notices in each edition of *The Cardinal* to say that donations and purchases could still be arranged by contacting me. Nature London received six donations of nature books along with some nature-related magazines and other items, including one particularly generous donation of bird books.

Betsy Baldwin

Butterfly Count

A total of 50 species were recorded by 16 observers (compared to 50 species in 2021 and only 48 species in 2020) the 2022 Skunk's Misery Butterfly Count. No new species were recorded and no new high counts were recorded either. Highlights included the first American Copper seen since 2012. Noticeable misses included American Ladies, Buckeye, Common Ringlet and a few Skipper species.

Thanks to everyone for their participation on the Skunk's Misery count - it was a good day but the dry conditions experienced in June took a definite toll on the numbers of most species. It was great to return to having lunch together at Little Kins Park in Wardsville and the BBQ dinner together as a group! Thanks to my parents, Bill and Marjorie Prieksaitis, for their hospitality in hosting the BBQ - they really enjoyed seeing you all again! We look forward to seeing you again next year on the Skunk's Misery Butterfly count - July 2nd, 2023 (the first Sunday in July). Also a reminder that the Clear Creek Butterfly count will be held on the last Sunday in July - July 30th - so mark your calendars!

George Prieksaitis

Note: A list of the species seen in 2021 and 2022 is listed below. The full database is provided on Nature London's Sync.com cloud storage. Please contact Hugh Casbourn for access (membership.database@naturelondon.ca).

Species		2021	2022
SWALLOWTAILS (Papilionidae)			
Black Swallowtail	<i>Papilio polyxenes</i>	10	9
Giant Swallowtail	<i>Papilio cresphontes</i>		2
Eastern Tiger Swallowtail	<i>Papilio glaucus</i>	13	18
Spicebush Swallowtail	<i>Papilio troilus</i>		3
WHITES AND SULPHURS (Pieridae)			
Mustard White	<i>Pieris napi</i>	3	
Cabbage White	<i>Pieris rapae</i>	220	242
Clouded Sulphur	<i>Colias philodice</i>	100	79
Orange Sulphur	<i>Colias eurytheme</i>	85	42
GOSSAMER-WING Butterflies (Lycaenidae)			
American Copper	<i>Lycaena phlaeas</i>		1
Coral Hairstreak	<i>Satyrium titus</i>	2	2
Acadian Hairstreak	<i>Satyrium acadica</i>	3	15
Edwards' Hairstreak	<i>Satyrium edwardsii</i>	4	
Banded Hairstreak	<i>Satyrium calanus</i>	850	49
Hickory Hairstreak	<i>Satyrium caryaevorum</i>	66	6
Striped Hairstreak	<i>Satyrium liparops</i>	10	11
Eastern Tailed Blue	<i>Everes comyntas</i>	53	18
Summer Azure	<i>Celastrina neglecta</i>	29	68
BRUSH-FOOTED Butterflies (Nymphalidae)			
Fritillaries, Subfamily Heliconiinae			
American Snout	<i>Libytheana carinenta</i>	2	2
Variiegated Fritillary	<i>Euptoieta claudia</i>		
Great Spangled Fritillary	<i>Speyeria cybele</i>	158	23
Meadow Fritillary	<i>Boloria bellona</i>	3	2
True Brushfoots, Subfamily Nymphalinae			
Silvery Checkerspot	<i>Chlosyne nycteis</i>	3	1
Pearl Crescent	<i>Phyciodes tharos</i>	9	38
Northern Crescent	<i>Phyciodes selenis</i>	30	16
Baltimore Checkerspot	<i>Euphydryas phaeton</i>	2	9
Question Mark	<i>Polygona interrogationis</i>	20	14
Eastern Comma	<i>Polygona comma</i>	38	21
Grey Comma	<i>Polygona progne</i>	1	
Compton Tortoiseshell	<i>Nymphalis vaualbum</i>	16	4
Mourning Cloak	<i>Nymphalis antiopa</i>	244	29
Painted Lady	<i>Vanessa cardui</i>		2
Red Admiral	<i>Vanessa atalanta</i>	17	8
Admirals & relatives, Subfamily Limenitidinae			
Red Spotted Purple	<i>Limenitis arthemis</i>	3	26
Viceroy	<i>Limenitis archippus</i>	3	8

Hackberry Emperor	<i>Asterocampa celtis</i>	13	4
Tawny Emperor	<i>Asterocampa clyton</i>	173	47
Satyrs, Subfamily Satyrinae			
Northern Pearly-Eye	<i>Enodia anthedon</i>	5	2
Eyed Brown	<i>Satyrodes eurydice</i>	3	2
Appalachian Brown	<i>Satyrodes appalachia</i>	2	6
Little Wood-Satyr	<i>Megisto cymela</i>	170	249
Common Ringlet	<i>Coenonympha tullia</i>		
Common Wood-Nymph	<i>Cercyonis pegala</i>	478	115
Monarchs, Subfamily Danainae			
Monarch	<i>Danaus plexippus</i>	177	47
SKIPPERS (Hesperiidae)			
Spread-wing Skippers, Subfamily Pyrginae			
Silver-spotted Skipper	<i>Epargyreus clarus</i>	10	31
Common Checkered Skipper		2	
Common Sootywing	<i>Pholisora catullus</i>	19	4
Grass skippers, Subfamily Hesperinae			
Least Skipper	<i>Ancyloxypha numitor</i>	8	6
European Skipper	<i>Thymelicus lineola</i>	334	452
Peck's Skipper	<i>Polites peckius</i>	7	6
Tawny-edged Skipper	<i>Polites themistocles</i>	6	4
Crossline Skipper	<i>Polites origines</i>	2	
Long Dash	<i>Polites mystic</i>		8
Northern Broken-Dash	<i>Wallengrenia egeremet</i>	492	37
Little Glassy Wing	<i>Pompeius verna</i>	3	12
Delaware Skipper	<i>Anatrytone logan</i>	37	19
Mulberry Wing	<i>Poanes massasoit</i>		2
Dion Skipper	<i>Euphyes dion</i>	2	
Dun Skipper	<i>Euphyes vestris</i>	42	18
Total Individuals		3982	1839
Total Species		50	50

The Cardinal

The Cardinal, as usual, was published four times in the year (Issues number 265, 266, 267 and 268) with a total of 152 pages. It continues to be available online at the Nature London website for members only. The online version is in full colour, has clickable links and may be printed at home as required. In the print version, only the covers are in colour. An increasing number of members are opting for the online version only, which has generated some printing and postage savings (unfortunately in a tight race with rising costs).

The spring issue (No. 267) featured the results of the 4th photo competition “Landscapes that tell a Story”. The winning entry, by Ric Symmes, graced the front cover, while runners up were on the

back cover. We continue to use that back cover to feature a montage of striking nature photographs submitted recently by Nature London members.

Due to the Covid-19 restrictions, the Committee has continued to meet via ZOOM since but has still managed to keep to production timelines. The current members of *the Cardinal* committee are: Muriel Andreae, John Berry, Mike Channon, Carrie Long and Rich Voros. Thanks are also due to our dedicated support people: Hugh Casbourn and Gail McNeil for current membership mailing labels, and Leslie Rockwell, Glen Winegarden and Mike Channon for stuffing and mailing.

John Berry

Cedarcroft

There was a storm mid-September 2021 which downed several trees over the trails. Folks on the committee were able to clear them.

We had a map of the trails and property made in 2021 by folks at UTRCA. It now is on a post near the cabin. In August 2022 Tammy Gunn brought us a Middlesex-London Health Unit sign re ticks which is now hanging beneath the trail map.

We posted a sign by the pond thanking the three companies (PV-Ex Construction, Arrocc Aggregates, and LaFarge Canada) that contributed to correcting the drainage issue with the pond as well as improving the main trail from the road to the pond.

Herb Bax continued to plant trees out at Cedarcroft. In November he planted tulip, catalpa, butternut, and hickory trees which had been donated by Brian Wheeler. He has been able to label some of the many trees he has planted.

Jeff Paul did some repair work on Bridge #1 in December.

In mid-December, we had two old willow trees fall on the trail at the east end of the pond. They were particularly massive and dangerous for the committee volunteers to deal with. We hired Davey Trees to deal with them in early January.

Members of the committee volunteered to take turns walking around the property to check on things during the winter months from December to April.

Throughout the winter Daisy McCallum went out to Cedarcroft regularly to keep an eye on the birdfeeders and fill them as needed.

In February 2022 a teak bench being donated to Cedarcroft by the Stonehill family finally was delivered after much delay due to covid. It was assembled by Cole Herglotz and was in use by the spring.

In March we applied to have a free survey of the birds and forest at Cedarcroft done by Birds Canada in conjunction with The Ontario Woodlot Association. It was done in June and the results were received in September 2022.

There was a very bad storm in May which ended up with a big old sugar maple belonging to Cedarcroft hanging dangerously over the Fowlers' home. The Fowlers live at the end of the lane where we turn into Cedarcroft from Westminster Drive. The maple was being held up by an oak tree, but the bottom of the maple trunk was only connected to its roots by a few fibers resulting in this entire tree being able to move as the wind blew. So, a speedy resolution was needed. We eventually had a removal of the maple by Davey Trees using special equipment that wouldn't damage the Fowlers' paved driveway.

We purchased a brush cutter for use in clearing brush and also to be used along the trail to keep it open.

We had needed new shingles on the cabin roof for a few years. This summer we hired Harold Vanderlie to replace the shingles.

Evelyn Rogers has continued to be committed to cutting the grass over the summer months.

We are looking forward to welcoming members to group activities again as we move on from covid. Jim Jarrett has volunteered to lead hikes out at Cedarcroft in October 2022. As well, Jim has been instrumental in setting up webcams with help from Kathleen Holland. They have recorded sightings of various animals on the Cedarcroft trails. This video is now on the website and available to Nature London members.

Barb Kaiser

Chimney Swift Program

This account covers the 12 months from November 1, 2021, to October 31, 2022, a period that enables reporting on a single (April-to-October) season of Chimney Swift presence in London. Nature London (NL)'s swift program operates independently of other programs in Ontario. As time and opportunities permit, we collaborate and share information with other swift stakeholders. The London program is overseen by Sandy and Ric Symmes, Glenn and Susan Berry, Dave and Winnie Wake, assisted by additional volunteers (40-60 in total). Thanks to all. After two years of reduced activity due to COVID-19 restrictions, we mounted a full 24-week season of Tuesday-evening monitoring at 18 chimneys, plus carried out additional monitoring. In 2022, we documented more monitoring visits than in any past year – 559 data entries at 52 chimneys.

A summary of 2021/2022 swift activities is presented below in three categories (with some overlap): Education/Outreach, Conservation/Advocacy and Monitoring/Data Collection.

Education/Outreach

- On NL website swift page, added 2 info sheets and 2 reports, updated 2 articles.
- Supported Bird Friendly London by leading swift walk for Migration Festival (May 6, attendance 6) and providing info on 10 swift sites for BFL's interactive city map of where to find birds.
- Supported Biodiversity Inventory at Western by co-hosting Swift Night Out at Huron College (May 31, 8 present) and providing advice for creating protocol for finding nighthawk nests.

- Supported UWO Sustainability: zoom meeting with staff to discuss ways to engage students re swifts (Apr 26) and compiled summary of swift use of UWO chimneys since 2005.
- CBC radio interview on swifts & NL monitoring: online nationally Sep 11, aired locally Sep 12.
- Exchanged info/advice/ideas with swift stakeholders in Sarnia, Wallaceburg, Dutton, Guelph, Kitchener, Prince Edward County, Manitoulin Island, Montreal, Waterloo, Manitoba, Niagara Falls NY and Birds Canada.
- Helped staff Nature London booth at Earth Fest (Apr 22), led NL walking tour of chimneys (May 29, 7 present), hosted pop-up Swift Nights Out at swift roost at First-St. Andrew's, Aug 13 & 20.
- New innovations: Glenn Berry created swift monitors' business cards, posted many videos of London swifts on YouTube (one had >750 hits!), launched Twitter account: @london_swifts.
- Delivered PowerPoint on swift monitoring to naturalists' club in North Bay, Feb 8 (via zoom).
- Gave brief presentations on swifts at NL zoom meetings Feb 25, Mar 18, Apr 22, Sep. 16.

Publications

- Chimney Swift Highlights from 2021, W Wake, *Cardinal* 266, Winter 2022, pp 26&27.
- Photographing Chimney Swifts, G Berry, *Cardinal* 266, Winter 2022, p 28.
- Monitoring Chimney Swifts in London, S Berry, *Toronto Ornithological Club Newsletter* 314, Feb 2022, pp 5-7.
- Monitoring Chimney Swifts in London ON, W Wake, *The Woodland Observer*, March 2022.
- Chimney Swifts at First-St. Andrew's, W Wake, *Tidings* 32(2), Summer 2022, pp 8-9.
- Chimney Swift Outreach, W Wake, *Cardinal* 268, Summer 2022, pp 27-29.

Conservation/Advocacy

- Presented Swift Friendly Property sign (courtesy of Birds Canada) to Nova Craft Canoe.
- Contacted owners of 11 London swift chimneys and shared info on 2021 usage and best practices.
- Chimney Restoration Fund, Birds Canada; funder Environment & Climate Change Canada/ECCC
 - NL considered invitation to join national committee overseeing this new fund.
 - NL declined, as scope of duties is beyond NL's capacity, will continue to communicate.
- Ontario Breeding Bird Atlas:
 - Several monitors contributed data documenting out-of-town swift nesting activity.
 - At request of Mike Cadman, prepared article on finding chimneys & documenting nests.
- For editors of *Canadian Field-Naturalist*, provided reviewer comments for submission on swifts.
- Draft Recovery Strategy for the Chimney Swift: WW submitted comments to ECCC and provided info & helped/encouraged other stakeholders to make input to draft strategy.
- Contacted City of London and Ministry of Environment, Conservation and Parks urging action be taken to remove a recently installed mesh cap on a known East London swift chimney.
- Responded to requests for info/advice on keeping swifts from entering interior of a house,

finding swift chimneys, monitoring swifts, confirming nesting, outreach ideas, building public support for chimney preservation, artificial chimneys that work, stopping demolition of swift chimneys, restoring a chimney, best practices for owners, engaging public officials to protect chimneys, etc.

- Facilitated releases of young swifts (at Smith Fruit) for out-of-town wildlife rehab centres:
 - 6 swifts from Le Nichoir in Hudson, QC (Aug 26).
 - 7 swifts from Destined to Fly in Harrowsmith, ON (Sep 3).

Monitoring / Data Collection

Organized weekly Tuesday-evening monitoring in London (plus extra dates during spring migration)

- Tried to create meaningful and enjoyable experiences for volunteer monitors.
- Updated monitoring guidelines, field forms, online data entry portal, safety protocol, etc.
- Introduced new computer-generated system for scheduling monitoring assignments.
- Glenn Berry monitored by video to improve accuracy.
- Recruited new monitors via NL e-newsletter, *The Cardinal*, club zoom meetings, Earth Fest, swift chimney walking tours, swift nights out, personal contact, etc.
- Engaged ~60 volunteer monitors (core of ~40), rotated weekly to different assigned chimneys.
- Welcomed 9 new monitors; mentored by experienced volunteers.
- Monitored 18 chimneys weekly May to Oct (plus additional daytime & evening visits)
- Sent weekly updates: assignment schedule, memory joggers, table & analysis of recent results.
- Monitored at 34 other chimneys (mostly 1 visit each); 31 in London, 3 out of town.
- Identified 1 new chimney in London and 1 new active roost chimney out of town.
- Collected 559 data entries from 52 chimneys (forwarded to Ontario SwiftWatch at end of season).
- Prepared end-of season swift monitoring report for 2022 (38 pages).
- Hosted end-of-season monitors' celebration and gathering on Oct 29 (32 attended).
 - Presentations by W Wake (season's results and highlights) and G Berry (videos of swift releases, Merlin, and swifts entering chimneys), plus swift fun and games, prizes.
- Highlights of monitoring results in 2022:
 - Spring migration peaked 3 weeks later than 2 other years for which data are available.
 - Nesting ran late; 2 of 18 (& possibly up to 6 more) chimneys fledged some young.
 - Ten roosts of ≥ 20 swifts were active at some time during season (12 roosts of ≥ 10 swifts)
 - Combined tally for 13 chimneys peaked at 806 on Aug 23, lowest fall peak in 5 years.
 - Largest single-night count at one roost was 479 at Smith Fruit on Aug 25.
 - Last chimney occupied was Labatt's on Oct 5 (1 swift), 1 week later than 2020 and 2021.
- Collected sightings of Common Nighthawks, Barn Swallows and bats.

Compiling Nature London historic swift data in a single spreadsheet

- Completed 2008, started 2009 (2003 to mid-2008 previously done); total to date >1300 entries.

Sincere thanks to all the volunteers (including the organizing committee) and to Nature London for providing funding and other support. 2022 has indeed been a banner year! What a truly amazing team!

Winifred Wake,
Chimney Swift Liaison for Nature London, November 16, 2022

Christmas Bird Count

Our 113th Annual Christmas Bird Count was held on December 18, 2021. We had 116 people in the field within about 45 parties, and some of them counted their feeders and were joined by another 28 at feeders. I am glad so many people get to enjoy the tradition of our CBC.

Weather for the Count was poor, to say the least, so I appreciate the efforts of everyone even more than usual. Our total number of species was a paltry 73 species, down about three species, and the number of individuals was about 2000 below average.

Full results have been published in the 2022 Winter Edition of The Cardinal (No. 266) and displayed on our Nature London website (<http://www.naturelondon.com/bird-watching/>). I would like to again thank Hugh Casbourn for creating and continuing the awesome statistical spreadsheet which we can use to see patterns in our results. After the totals were compiled, I again sent the results to the Audubon Society.

Nature London's continuous contribution to this worthwhile project is a fact for which our Club can be proud.

Pete Read
London CBC Coordinator since 1983

Conservation Action Committee

The following abbreviations are used in this report:

CA = Conservation Authority
CAC = Conservation Action Committee
CMP = Conservation Master Plan
CWC = Civic Works Committee
EMG = Environmental Management Guidelines
ESA = Environmentally Significant Area
MECP = Ministry of the Environment, Conservation and Parks
MVHF = Medway Valley Heritage Forest ESA
NL = Nature London
TAG = Trails Advisory Group
TVP = Thames Valley Pathway
UTRCA = Upper Thames River Conservation Authority

This year's Conservation Action Committee consisted of seven Nature London members: Sandy Levin (Chair), Anita Caveney, Margo Does, Bill Maddeford, Roslyn Moorhead, Wayne Tingle, and Dave Wake. The CAC held no in-person or virtual meetings during the year. Two members of the

CAC serve on the City's Trails Advisory Group, which makes recommendations to City staff on trail locations and maintenance in London's ESAs.

Work undertaken: Due to the Covid-19 pandemic, CAC field trips to monitor ESAs were not held. The following Issues monitored or items addressed included:

Visits by Trails Advisory Group (TAG) to ESAs

1. Medway Valley Heritage Forest ESA: TAG members reviewed a trail proposed for a portion of the MVHF north of Valleyrun Boulevard. The City and UTRCA devised a plan that would close portions of the informal pathways while providing limited access by a specific loop trail. Informal biking trails were to be closed in the area, and a "Closed Trail" barricade and a fence were to be installed to the west, and a "Closed Trail" sign was to be installed to the east, of the proposed new trail. The intent was to dissuade mountain bike riders from using the area, and to allow hikers to use a clearly identified Level 1 (natural substrate) trail. At the suggestion of TAG, some minor adjustments were made to provide improved protection for woodland plants.

2. Medway Valley Heritage Forest ESA: In March 2022, Dave Wake represented NL at a TAG field review of a wooden bridge that crosses a tributary of the Medway Creek in the MVHF ESA near the Wychwood Park and Metamora entrances. The bridge was to be repaired in 2022 and, at the same time, the ESA Team of the UTRCA planned to relocate the trail west of the bridge to a location farther from the eroding bank of the Medway Creek. TAG members reviewed options in the field and agreed on a suitable location that would have little impact on vegetation. The NL TAG member asked about two species of rare plants that had been reported in the general vicinity, both of them known to the ESA Team. The Team confirmed that these plants would not be affected by the new trail.

3. Kilally Meadows ESA: Early in September, TAG convened to review two short trails connecting the new Northridge Fields recreation complex to existing trails in in Kilally Meadows ESA. The reviewed trails were to follow existing informal access routes. The first of these would be reached from a trail that enters the ESA via a stairway from Glenora Drive, with a short branch from this trail formalized as a Level 1 trail. The second trail would lead visitors from the Northridge Fields to connect to an existing Level 1 trail in the ESA, immediately south of the fields. City staff and TAG members reviewed the options in the field and agreed upon acceptable routes for both trails.

4. Kelly Stanton ESA: In December 2021, TAG members were invited by City staff to a field meeting to review proposals for emergency replacement of a culvert under the path leading into the ESA from the London Hyde Park Rotary Trail west of Hyde Park Road. The old culvert was in poor condition. The City and ESA Team proposed installation of a larger replacement culvert at the same location. TAG members supported the proposed culvert replacement.

5. Lower Dingman ESA: TAG members provided email comments about a small modification to the trail in the Lower Dingman ESA. A dead-end section of trail has been closed to reduce the temptation of visitors to enter private property.

City Hall Updates

1. The Coves ESA: In September 2021, City Council approved zoning amendments that allow construction of two 15-storey apartment towers at 250-272 Springbank Drive, adjacent to The

Coves ESA, immediately west of the West Pond. Approval was granted by the Ontario Municipal Board in 2015. The apartment buildings will tower over the slope on the west side of the West Pond, which has long been a roosting/feeding area for heron species that live at the Coves. The CAC is concerned about possible detrimental effects of light pollution and increased human presence on the birds there. The Coves continues to be a city gem that must be protected for migrating birds and to provide habitat for many species.

- 2. Environmental Management Guidelines:** In December 2021, City Council unanimously passed an update to the EMG. It provides technical guidance in implementing policies of The London Plan as they relate to identification, delineation, and protection of the natural heritage features and areas that form the City of London's Natural Heritage System, including features such as ESAs, Significant Woodlands and Wetlands. The EMG provides consistency with The London Plan and Provincial policies. Dave Wake was NL's representative to the City's stakeholder group for the EMG review.
- 3. Medway Valley Heritage Forest ESA – Conservation Master Plan:** City Council approved the CMP for this ESA at its August 10, 2021 meeting. The Plan provides protection as well as improved accessibility for persons with disabilities.
- 4. Kains Woods ESA and Thames Valley Parkway:** City staff worked with the developer of residential lands in the River Bend area to determine the location of an extension to the TVP. The CAC questioned how the path will connect to the north when the subdivision builds out westwards and adjacent to the ESA, and what impact it will have on the ESA.
- 5. Meadowlily Woods ESA and Thames Valley Parkway:** The City applied for funding for additional expansion of the TVP. At a meeting of the CWC, CAC members and Friends of Meadowlily Woods raised concerns about the extension of the TVP from Meadowlily Road and whether or not it would enter the ESA. The CWC raised questions at a Council meeting. A map with two TVP options, A and B, were presented to Council, both of which kept the TVP outside of the ESA. The CAC continued to monitor the process.

In May 2022, The CAC did a site visit to Meadowlily Road and made a recommendation to City staff that the proposed extension of the TVP be routed to the south towards Commissioners Road, rather than east and adjacent to the ESA on the south side. The CAC recommended Option B for the following reasons: 1) Due to topographic and drainage feature issues; 2) Construction would be simpler, with less grading, and could be built along a frontage road when the property at 168 Meadowlily Road South is developed; 3) The TVP extension would not encroach on the ESA or its buffer; and 4) It would not require crossing a tributary/drainage feature. However, an Environmental Assessment for sanitary servicing for future development on the west side of Meadowlily Road South, calls for a new sewer line just to the south of the ESA. The exact location will be established in the future when the detail design work is done for the project. This will likely not happen for about five years.

Bank Swallow Protection: In April 2022, Environment and Climate Change Canada (ECCC) published an updated Draft Recovery Strategy for the Bank Swallow. In 2020, NL had circulated an Action Alert to members regarding protection of the Bank Swallow colony at the Byron gravel pit. In response to comments received during the consultation period, some parts of the Draft Recovery Plan were revised. ECCC concluded that the creation of nesting habitat in pits and quarries is advantageous for the species.

Rondeau Provincial Park Update: As of April 2022, the province was no longer considering selling portions of Rondeau Provincial Park to the Municipality of Chatham-Kent, possibly because of strong opposition from nature activists. Chatham-Kent Municipality had offered to buy the leased cottages and land from the Province of Ontario at fair market value (estimated at \$29 million in 2021). In turn, the Municipality proposed reselling the lots to current cottage leaseholders. In a letter to Ken Bell, a leading activist against such a proposal, part of the MECP's reply in April stated, "The ministry is considering options regarding the continued leasing of private cottage lots in Rondeau Provincial Park. No decisions regarding the future of Rondeau cottage lots beyond 2022 have been made at this time. The ministry will consult with Indigenous communities, stakeholders and members of the public on any future proposals."

Conservation Awards: Conservation Awards were presented virtually via Zoom club meetings in April 2022 to the following members: 1) Ric and Sandy Symmes in recognition of their many years of contributions to avian conservation, especially their work on behalf of London's Ospreys and Chimney Swifts; and 2) Cathy Quinlan for her long-standing service to the Thames Talbot Land Trust, especially her efforts as chair of its Land Securement Committee.

Advocacy: The CAC and/or NL Board issued Action Alerts in connection with 1) UTRCA's request in January for funding for its Southern Ontario At-Risk Reptiles research and recovery programs, following the province's turning down of the UTRCA's application for funding, after Ontario governments had funded the program for nearly 15 years; 2) ON's Action Alert about Wetlands under threat; and 3) Ontario Government's updates of the regulation of development for protection of people and property from natural hazards, while at the same time streamlining approvals under the *Conservation Authorities Act* to meet housing supply needs, by removing from C.A.s the issuance of some permits, and their role in protecting the health and safety of watersheds. 4) The Bill 23 measures to reduce environmental protection and changes to the Greenbelt. NL members submitted comments of concern about these issues to the Ontario Government.

The NL Board endorsed Ontario Nature letters to the Ontario Government in connection with the following matters:

1. The proposed designation of the south shore of Prince Edward County as a Conservation Reserve.
2. ON's request that upcoming changes to Ontario's Building Code incorporate provisions requiring bird-friendly construction.
3. ON's request that provincial party leaders be asked to address biodiversity loss and climate change in their June 2022 election platforms.
4. Comments to the Ministry of Municipal Affairs and Housing concerning the ministry's violation of the public consultation requirements of *The Environmental Bill of Rights 1993*.

More detailed information on some of the above items is recorded in the CAC meeting minutes. Selected details were published in the Conservation section of *The Cardinal*, flights 266, 267 and 268.

Anita Caveney, Conservation Action Committee

Eco-Grants Program

This year, the Eco-Grants Committee received six applications for funding totalling \$26,696. Four applications, totalling \$16,585, were recommended for funding. They were evaluated using the *Nature London Eco-Grants Application Evaluation Tool*.

Upper Thames River Conservation Authority – Savana Restoration Project – \$2,000

This project was year two of the restoration and transition of a 4.5-acre sterile pine plantation at the head of the Fanshawe Conservation Area Lake Trail.

The expected outcomes are:

- An area free of invasive plants with an open canopy to allow prairie and savanna plants to flourish
- A savanna/prairie site that will attract pollinators
- Add to the diversity of habitats at Fanshawe CA for the enjoyment of visitors

St. Clair Regional Conservation Authority Coldstream Conversation Area – Trail Rehab/Parking Lot Extension – \$6,000

The request was for funding to expand the parking lot at the Coldstream Conservation Area. There is a lot of damage to the area due to all terrain vehicles and the larger project will repair damage, place signs, restrict vehicular traffic and encourage trail use.

The parking lot is essential to the success of the larger project and the committee determined that we should fund this component that will help to protect the environment, the native species and increase the enjoyment of Coldstream.

Thames Talbot Land Trust – Snake Monitoring in Southern Ontario – \$2,760

This was a funding request for the first year of a 10-year project to implement Ontario Nature's Long-Term Monitoring Protocol for Ontario Snakes in the Skunks Misery area. 75% of reptiles are listed as at risk in Ontario. Most of the funds will support staff coordination and implementation of the project.

We asked that Nature London's support be recognized in the reports to Ontario Nature and requested that we receive ongoing annual reports for the project.

London Environmental Network – Bird Friendly London – \$5,825

Funding supported building a Barn Swallow nesting structure by Medway ESA at Western University as well as community education, retrofitting bird safe windows, and funding for the 2023 coordinator. Western's Society of Graduate Students and Undergraduate Student Council both support the Barn Swallow structure financially. Western Students will participate in the project.

The committee expressed concern about the size and success of this type of Barn Swallow nesting structure. The Bird Team has reported that models existing in other communities are being reviewed to ensure success.

Birding Kits including binoculars will be loaned through the London Library Thing service to encourage non-typical participants in birding activities and provide education about bird conservation and protection.

Susan Relecom

E-Newsletter and E-Mail Coordinators

The Nature London E-Newsletter is published twice monthly, normally on the 1st and 15th of each month. In addition, the editors monitor email sent to info@naturelondon.ca, answer where we can and forward email to members who may have the answers. This year has had added challenges due to changes in some committees and variable COVID restrictions.

The E-Newsletter is a concise reminder service for members of events within the coming three weeks. The content depends heavily on material from the Nature London website or Facebook page and many news items include “links” to the website for details or registration. This has the added benefit of alerting members to interesting items on the website and providing regular reasons to visit the Nature London website.

The E-Newsletter circulation consists of members who voluntarily allow us to “push” messages to their mail twice per month, and we honour this trust by keeping the items short with no pictures or attachments. As a result, we experience very few “unsubscribes” and we often have more than one subscriber in each member household. As of October 2021, we have 530 subscribers compared to 545 at this time last year and up 161 since Nature London adopted this approach to email in 2017.

There are two sections in each E-Newsletter:

- **Nature London Events**, that describe upcoming meetings, field trips, presentations and events, and
- **Other Events That May be of Interest**, often sponsored by other natural heritage organizations in our region.

Priority is given to Nature London events, but where space permits, we include links for events sponsored by other organizations. Urgent conservation items are handled separately by the Conservation Action Committee and their “Action Alerts”. We also monitor the info@naturelondon.ca mailbox.

We enjoy a great partnership with *The Cardinal* and Nature London website as they can offer pictures, videos (on the web) and details but must wait until members come to look. The E-News can alert members to this great content. We very much appreciate the support and cooperation of *The Cardinal* editors, our webmaster, the Conservation Action Committee, field trip coordinators and other volunteer appointees of the club who provide the information and responses that are the heart of the E-Newsletter.

Sandy and Ric Symmes

Facebook Report

In 2021/22, Nature London's Facebook page continued to increase its reach. As of December 2022, the page had over 900 followers. Recently we're reaching approximately 150 per post.

NL's Facebook presence continues to be integrated with the website, *The Cardinal*, YouTube channel, and the email newsletter.

Mady Hymowitz

Field Trips

FIELD TRIP REPORT SEPTEMBER 2021-AUGUST 2022

Date/Time	Location	Leader/s	Length	Attendees	Weather	Highlights
Sept 8, 2021 9:30am- 11:30am	Weldon Park	Jim Jarrett	2 hours	17	16C, warming to 25C	Many Gray Catbirds, Robins, Northern Flickers and 1 Bald Eagle
Sept. 19, 2021 9:30am- 10:30am	The Coves	Phyllis Ede	1 hour	8	Sunny and Warm	Gray Catbird Great Blue Heron Wood Ducks Blue Jays Chickadees
Sept 25, 2021 900am- 11:00am	Kilally ESA	Cathy McCrae	2 hours	22	18C partly Cloudy	20 species Including Ruby- throated Hummingbird Killdeer, Gray Catbird, White- throated Sparrow, Migrating Blue Jays and Typical Fall flowers
Oct. 2, 2021 10:00am- 12:00 noon	The Coves	Zac Fedder	2 hours	6	18C and Sunny	30 species Including, Wood ducks Double-crested Cormorant Great Blue Heron Yellow-bellied Sapsucker, Kinglets, Carolina Wren and many more.
Oct. 9, 2021 10:00am 12:00 noon	Cedarcroft	Barb Kaiser Daisy McCallum	2 hours	7	Cloudy	Wide variety of fungi and woolly

						aphids danced on beech trees.
Oct. 9, 2021 2:00pm- 4:00pm	Cedarcroft	Barb Kaiser Daisy McCallum	2 hours	8	Cloudy	Same as above
Oct. 19, 2021 9:00am- 10:45am	Kains Woods	Kathleen Holland	1.75 hours	11	Sunny and cool	Beaver chewed tree stump. Deer tracks, Chipmunks, Gray Squirrel and many birds
Nov 07, 2021 8:00am	Strathroy S. L Forest S. L. Kettle Point Ausable River Cut C. A. Grand Bend S. L.	Cathy McCrae	7.5 hours	15	Sunny, High of 14 degrees	Over 40 species. Eastern Bluebird, Am. Coot, Gadwall, Northern Shoveler, Horned Lark, Tufted Titmouse, to name a few.
Nov 07, 2021 9:00 to 11:00am	The Coves	Zac Fedder	2 hours	10	Sunny and warm. 14 degrees	21 species. 3 Great Blue Herons, 2 Red-tailed Hawks, Downy and Red-bellied Woodpeckers Brown Creeper, Cedar Waxwings, Dark-eyed Juncos
Nov 13, 2021 9:00- 11:00am	The Coves	Zac Fedder	2 hours	9	Cold, partial sun and cloud	24 species Hooded Merganser, Red and White-breasted Nuthatches, Carolina Wren, White-throated Sparrow, to name a few.
Nov 20, 2021 9:00- 11:00am	Fanshawe C. A.	Cathy McCrae	2 hours	16	Mostly sunny 4 degrees	17 species. Belted Kingfisher, Hairy Woodpecker, Red-breasted Nuthatch eating from the hand. Am. Red Squirrel

						and the Tamarack trees turning yellow.
Dec. 4, 2021 9:00-10:30am	Storybook Gardens	C. McCrae B. Vandebelt E Rogers G. McNeil	1.5 hours	23 participants 9 kids	Windy and 3 degrees	19 species 339 individuals birds Hand fed Black-capped Chickadees Red-bellied Woodpecker Brown Creeper and Carolina Wren
Dec. 18, 2021 All day	Christmas Bird Count	Pete Read				
Jan. 1, 2022 10:00am – 12:00PM	Greenway Park	Cathy McCrae	2 hours	20	3 degrees @ Overcast	25 Bird species. 2 Great Blue Herons, Bald Eagles,
Jan. 8, 2022 10:00am-11:30am	Westminster Ponds	Henry Van Horik	1.5 hours	9	Cold, -7 degrees and overcast	3 Red-tailed Hawks and a Dove
Jan. 15, 2022 8:00am	Sarnia and St. Claire River	Cathy McCrae	8 hours	8	Cold but clear, high of -12 degrees	34 bird species, including Snowy Owl, Northern Shrike, Long-tailed Duck, Snow Bunting, White-crowned Sparrow, Redhead Duck
Jan. 15, 2022 9:00am to 11:00 am	The Coves	Zac Fedder	2 hours	8	Chilly, -18 degrees, cloudy	2 Red-tailed Hawks sitting together. Dark-eyed Juncos, White-breasted Nuthatch, Carolina Wren, Hairy Woodpecker and Red-bellied Woodpecker
Jan. 22, 2022	The Coves	Zac Fedder	2 hours	7	Cold, -12 with some	3 Red-tailed Hawks, House

9:00am to 11:00am						sunny patches	Finch, Dark-eyed Junco, Downy Woodpecker, Ring-billed Gull, American Robin, Mourning Dove
Feb. 12, 2022 9:00am to 11:00am	The Coves	Henry Van Horik	2 hours	9		Cold -8°, Overcast and snow	Downy, Hairy & Red-bellied Woodpeckers, Northern Cardinal
Feb. 13, 2022 9:00am to 11:00am	Fanshawe CA	Cathy McCrae	2 hours	14		-11° Overcast and snow	23 bird species, including Redhead and Common Goldeneye Ducks, Bald Eagle, Song Sparrow, Red-tailed and Sharp-shinned Hawks
Fed. 20, 2022 9:00am to 10:45am	Fanshawe CA	Cathy McCrae	1.75 hours	12		-6° Cold and windy but sunny	18 bird species, Bald Eagle, Song Sparrow, Red-tailed Hawk, White-throated and American Tree Sparrows, a few ducks in the river as it was running high and fast.
Mar. 2, 2022 1:00pm to 2:30pm	Greenway Park	Cailin Kennedy	1.5 hours	9		Overcast, windy but warm	Hooded and Common Mergansers, Buffleheads, Mallards, Muscovy ducks, Scaup, Red-winged Blackbirds, Red-tailed Hawk and a Great Blue Heron.
Mar. 5, 2022	The Coves	Zac Fedder	2 hours	9		10°, sunny	Mallards, Canada Geese

9:00am to 11:00am						Mourning Doves, Red-tailed Hawk, Merlin, Red-bellied and Downy Woodpeckers, Blue Jay, American Crow, White-breasted Nuthatch, Carolina Wren, Dark-eyed Juncos, American Robin and Goldfinches, Red-winged Blackbirds, Northern Cardinal
Mar 12, 2022 9:00am to 11:00am	The Coves	Zac Fedder	2 hours	7	-10° Cold and snowing	Mourning Dove, Canada Geese, Red-tailed Hawk, Red-bellied and Downy Woodpeckers, Brown Creeper, American Robin, Eastern Towhee, 35 Northern Cardinals, Carolina Wren, 2 Red-winged Blackbirds, Song Sparrow, Dark-eyed Junco, Black-capped Chickadee, Mallard, White-breasted Nuthatch
Mar 17, 2022 10:00am to 12:00 noon	Greenway Park	Cailin Kennedy	2 hours	4	Sunny and Warm	Red-winged Blackbirds, Common Merganser, Mallards, Ring-necked Duck, Muscovy Duck, Lesser Scaup, Northern

						Cardinals, Blue Jays, Song and House Sparrows, Brown Creeper, Common Grackles, Brown-headed Cowbirds, European Starlings, Northern Flicker, Downy Woodpecker, American Robin, Red-tailed Hawk, American Goldfinch, White-breasted Nuthatch, Black-capped Chickadee Mourning Doves, Canada Geese
Mar 19, 2022 2:00pm to 3:30pm	Gibbons Park	Henry Van Horik and Cailin Kennedy	1.5 hours	10	Intermittent Rain and windy	Great Horned Owls, Male, Female and 2 owlets Hairy Woodpecker, American Robins, Northern Cardinals, Black-capped Chickadees, Dark-eyed Juncos, Carolina Wren, Red-winged Blackbirds, European Starlings, Turkey Vultures, Common Grackles, Mallards, Canada Geese
Mar. 24/2022 2:00pm to 4:00pm	Ross Park	Henry Van Horik and Cailin Kennedy	2 hours	11	Overcast and 8°	Chipping & Song Sparrow, Red-bellied, Downy & Hairy Woodpecker,

						American Robin, Carolina Wren, European Starling, Red-winged Blackbird Red-tailed Hawk, Turkey Vulture, Eastern Phoebe Common Grackles
Mar. 26/2022 2:00pm to 4:00pm	Gibbons Park	Henry Van Horik	2 hours	8	Cold, wet and miserable	Male and Female Great Horned Owls, Turkey Vultures, Black- capped Chickadees, Dark- eyed Juncos, Brown Creeper, Red-bellied and Downy Woodpeckers American Robins, White-breasted Nuthatch, Common Grackles, Red- winged Blackbirds
Apr. 15/2022 10:00am to 12:00 noon	The Coves	Zac Fedder	2 hours	7	Warm and sunny	Turkey Vultures, Field and Song Sparrows, Red- tailed Hawk, Downy, Red- bellied, and Hairy Woodpecker, Golden-crowned Kinglet, White- breasted Nuthatch, Red- winged Blackbird, American Goldfinch and Robin, Northern Cardinal, Black- capped Chickadee, 1 Merlin, Canada Geese and Mallards,

						European Starlings, Carolina Wren
Apr. 20/2022 10:00am to 12:00 noon	The Coves	Zac Fedder	2 hours	10	Sunny and 8°	7 Wood Ducks, Killdeer, 1 Pied-billed Grebe, Mourning Dove, Great-blue Heron, 1 Solitary Sandpiper, Northern Flicker, Eastern Phoebe, Northern Rough-winged Swallow, Carolina Wren Red-tailed Hawk, Blue Jay, American Goldfinch Robin & Crow, Common Grackle, Brown-headed Cowbird, Song Sparrow, Black-capped Chickadee
Apr. 27/2022 9:00am to 11:00am	Sharon Creek	Gail McNeil	2 hours	8	0° with snow on the ground	Eastern Bluebird, Blue Jay, American Robin, Brown-headed Cowbird Field Sparrow, Mallard American Crow, Canada Goose, Red-winged Blackbird WILDFLOWERS Trout Lily, Hepatica, Wild Leek, Trillium, May Apple, Wild Geranium, Bloodroot, Marsh Marigold, Wild Cucumber
Apr. 27/2022	Kilally Meadows ESA	Cathy McCrae	1:30 hours	5	Partly cloudy, cold -1°	22 species including Great Blue Heron,

7:30pm to 9:00pm						Yellow Warbler, Hermit Thrush, Eastern Towhee, White-throated Sparrow, Brown Thrasher, American Woodcock WILDFLOWERS Lesser Celandine and Bloodroot
Apr. 30/2022 9:00am to 11:20am	Coldstream Conservation Area	Dave and Winnie Wake	2:20 hours	10	Sunny with thin cloud 6° to 13°	WILDFLOWERS Bloodroot, Blue Cohosh Dutchmen's Breeches, Wild Geranium and Ginger, Harbinger-of-Spring, Herb robert, Sharp-lobed Hepatica, Wild Leek, May-apple, Early Meadow-rue Cut-leaved and Two-leaved Toothwort, Running Strawberry Bush, Skunk Cabbage, true Solomon Seal, Spring Beauty, Red and White Trilliums, White and Yellow Trout-lilies, Twinleaf, Virginia Waterleaf, Wood Anemone BIRDS OBSERVED House & Song Sparrow, European Starling, American Robin and Crow, Canada Goose, Red-

						winged Blackbird, Northern Cardinal, Blue Jay, Yellow Warbler Red-bellied Woodpecker, ADDITIONAL OBSERVATIONS Eastern Comma and Mourning Clock Butterflies, Scarlet Cup Fungus, Several species of sedges
May 1/ 2022 9:00am to 11:00am	5837 Gentleman Dr. Melbourne ON	Kathleen Holland	2 hours	8	Heavy rains throughout the night and early morning. 10°	Viewed Skulls collected by the landowner. Observed Scattered deer fur from a coyote attack and coyote scat. Saw signs of beaver chew marks on trees. Birds observed included the Brown-headed Cowbird, an Eastern Phoebe's nest and Song Sparrow.
May 4/ 2022 10:00am to 2:00pm	MacNaughton Trail Park	Jim Jarrett	4 hours	9	Cool 10°, partial cloud and sun	2 white squirrels, 2 racoons, White-breasted Nuthatch, Geese, Crows, Starling, Mallards, Northern Flicker, Ruby-crowned Kinglet, Song and Chipping Sparrow, Catbird, Chestnut-sided, Yellow, Yellow-rump, Cape May, Palm, and Black and White

						Warblers, House Wren, Kingfisher, Eastern Towhee, Red-eyed Vireo, Great Blue Heron
May 20 to May 23, 2022	Bruce Peninsula	Cathy McCrae	3 Days	20	6° to 18° Some rain and sun	Many areas visited. Over 100 species seen including Golden-winged Warbler, Indigo Bunting, Spotted Sandpiper, Ovenbird, Sandhill Cranes, Sora, Wilson's Snipe, Virginia Rail, Caspian Tern, Great Egret, Blue-winged Teal. Also a Red Fox and a baby Snapping Turtle.
May 25, 2022 6:30pm to 8:15pm	Meadowlily Woods	Cathy Quinlan	1 ¼ hrs	9	Gentle rain then the sun came out. 20°C	Flowers in bloom: Foam, Canada May, False Solomon Seal, Dames' Rocket, cresses, trilliums, raspberries, Skunk Cabbage, wild leeks, American Beech trees with rippled bark and beach leaf disease, Sugar and Black Maple, Black Cherry, Black Walnut, Ostrich fern and Maidenhair fern
June 1, 2022 9:30am to 11:45am	Weldon Park, Arva ON	Jim Jarrett	2 ¾ hrs.	12	23°C and slightly overcast	Warbling Vireo, Indigo Bunting, Baltimore Oriole, White-breasted Nuthatch,

						Cardinal, Downy and Hairy Woodpecker, Catbird, Northern Flicker, Blue Jay Turkey Vulture, Wild Turkey, Goldfinch, Mourning Dove, Tree and Barn Swallow, Cowbird, Rose-breasted Grosbeak, Song Sparrow, Red-winged Blackbird BUTTERFLIES Monarch, Northern Crescent, Eastern Black Swallowtail. Pale Beauty Moth and Widow Skimmer Dragonfly
July 9, 2022 10:00am to 11:30am	Soccer Field Parking 745 Windemere Rd. Second Location Kilally Meadows, end of Windemere Rd.	Ric and Sandy Symmes	1.5 hrs.	20	Sunny and warm	First location, Osprey overhead. Second Location, Female Osprey and 2 young. Other birds seen: Catbird, Yellow Warbler, Robins, Canada Geese, Turkey Vulture. Also a snapping turtle in the Thames.
Aug 27, 2022 8:00am to 10:00am	The Coves	Cailin Kennedy	2 hours	10	Sunny and warm	Mallards, Wood Ducks, Canada Geese, Great Egret, Great Blue Heron, Grackles, Belted Kingfisher, European Starlings, Am.

						Crows, Am. Robins, Northern Flicker, Downy and Red-bellied Woodpecker, Eastern Phoebe, Eastern Wood Peewee, Magnolia Warblers, Cormorant and Turtles.
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Evelyn Rogers

Friends Of the Coves

The Coves ESA has had little in the way of change. There has been an inquiry concerning the proposed bridge over Silver Creek but nothing further in the proposal for these improvements.

The Coves continues to be used by many Londoners for outdoor exercise and nature observation. Nature London continues to have member led hikes done here regularly. One of the benefits of this besides being great habitat for native species, is it has few hills and is the easier walking.

It continues to be a gem in our natural outdoors areas.

Bill Maddeford

Giving Program

This year, Nature London, along with so many charities across the country has seen a decline in overall giving. The pressures of the pandemic and rising inflation have taken their toll. We are grateful to everyone that during this difficult time has supported this organization by giving in means or in-kind: ‘in honour’ gifts for their special occasions, bequests, tributes, and individual donations.

Thank you letters and receipts for donors who make individual gifts, bequests and tribute gifts continue to be created for the President’s signature. The Membership Secretary sends thank you letters and receipts for the individual gifts received through the membership renewal process. Gifts that were processed include the following:

Type of Gift	Number Received	Amount
Individual Donations	9	\$3,998
Individual Membership Renewal Donations	181	\$11,090
Tribute (Memory or Honour)	3	\$625
Bequests	2	\$5,650
Total	195	\$21,363

Grace Edwards

Guide To the Natural Areas in London and Region

In 2021-2022 eleven boxes of guides have been distributed. Thirty boxes remain in stock. Each box contains twenty guides.

Mike Channon

Image Database

The database continues to be housed on a dedicated HP 17” Zbook computer. Work continues on removing duplicate files and indexing images for easier search and retrieval.

This year we added a dedicated solid state backup drive to increase the security of the system.

Members continue to contribute their photographs of their nature observations and also as recorders of club meetings and field trips. Images used in each issue of *the Cardinal* are indexed. The database now contains over 15,000 images. These include:

- Nature specimen photographs: birds, plants and wildflowers (approx. 11,000 images),
- Views of natural areas,
- Photographs of club meetings, field trips, workshops, banquets, awards,
- Archival material including old photographs of historical interest,
- Drawings by members of birds, plants, etc.
- Graphics used in production of *the Cardinal*

We have many excellent photographers among the Nature London membership who continue to provide excellent images of plants, birds, insects, etc. We feature the best new images from Nature London’s members on the back page of *the Cardinal*.

John Berry

Indoor Meetings

During the 2021/2022 season, the ongoing COVID-19 pandemic forced Nature London indoor meetings to continue to be held virtually via Zoom. The silver lining of virtual meetings was the ability to invite some non-local speakers; however, the focus was still primarily on topics of local relevance in southwestern Ontario.

September 17, 2021

Scott Gillingwater from the UTRCA gave a presentation on reptile conservation in the Thames River area. Scott, a regular and favourite speaker with Nature London members, discussed the many threats to reptiles in the Thames River region. Many species are at risk or threatened, with habitat loss, road mortality, problematic farming practices, poaching, and invasive plants (e.g., *Phragmites*) representing some of the biggest threats. Scott talked about how the research and recovery programs he's involved in are making a difference and improving populations. He provided a case study on the spiny soft shell turtle recovery program in the Upper Thames rivershed, where collecting eggs, incubating them, and releasing the hatchlings are leading to significant increases in the spiny soft shell turtle population. Part of the research that Scott presented on was funded by an Eco-Grant from Nature London.

October 15, 2021

Greg Thorn, Department of Biology at Western University, gave a fascinating and appropriately spooky presentation on carnivorous fungi, just in time for Halloween. He provided an overview of several species of fungi which feed on nematodes. Some of these fungi are parasites, but others are predators. Predatory fungi were particularly amazing, using loops or rings within their mycelium to entrap nematodes and then digest them with enzymes. Other species use spiny balls with toxin that prick the surface of the nematode, and one species even has a harpoon-like hunting technique with a trigger. Many Nature London members commented that they may never look at mushrooms the same way again.

November 19, 2021

Don Gutoski is an internationally recognized wildlife photographer. He gave a beautiful presentation on wildlife of the Falkland Islands, filled with simply stunning photographs, particularly of the bird life on the islands. He also discussed travel options in the Falklands and the best places to see and stay. Based on comments from Nature London members, his presentation was a big crowd-pleaser, and he indicated he would be happy to present again in the future.

January 21, 2022

Elder Larry McDemott of the Shabot Obaadjiwan First Nation, and the executive director of Plenty Canada, spoke about developing ethical space for Indigenous knowledge systems and Indigenous people within conservation organizations. He used the examples of the Indigenous

Circle of Experts in informing the discussions and formations of Pathways One, a steering committee to direct Canada's conservation programs and policy regarding parks, protected areas, wildlife, and biodiversity. While there is significant work to do, discussions now include how to create appropriate and ethical space for Indigenous perspectives, which are fundamental to making policy work.

February 18, 2022

Mike Cadman, coordinator for the Breeding Bird Atlas of Ontario, gave a talk about the history of the Breeding Bird Atlas, its purpose and goals, and how data is collected. The province is divided into blocks and coordinators assigned to each block to manage data collections. While data collection is somewhat intense and systematic, Mike encouraged people who are interested to get in touch with the coordinators of local blocks if they are interested in helping out, or even submitting records. He discussed what sort of data needs to be collected, the apps used, and the new trialing of a sound recordings at specific geographic spots which are later analyzed digitally to identify all the species that vocalized during a certain period of time.

March 18, 2022

Emma Horrigan, Conservation Projects and Education Manager for Ontario Nature, gave a presentation on a prescribed burn at Stone Road Alvar Nature Reserve on Pelee Island, and its impacts on biodiversity. Emma discussed what an alvar is (sparse savannah on limestone plain with thin soil), and how fire suppression allowed shrub vegetation to take over the savannah of the alvar. While long-term monitoring after the burn is continuing, research shows benefits to restoring some of populations of rare plants, snakes, snails, and other alvar species.

April 22, 2022

April's meeting was members night, when Nature London members are invited to give 10-minute presentations on personal research, trips, or topics of interest to them. We had four presenters this year:

- 1) Kathleen Holland, who introduced us to her video-logging and YouTube channel, "Hiking with Kathleen";
- 2) Glenn Berry, who provided a tropical talk on Birding in Panama;
- 3) Lissette Verbeem, describing her hikes in Pinery Provincial Park; and
- 4) Winnie Wake, who provided an update on the chimney swift monitoring program in London.

The presenters all did a wonderful job and managed to patiently persevere through minor technical issues with Zoom.

Ruth Dickau

London Environmental Network

LEN's Vision – London is known as one of the greenest and most resilient cities in Canada.

LEN's Mission – We build participation, collaboration, and capacity in our community to co-create positive environmental change.

LEN offers its members a suite of resources. These include:

- Shared resources; event tent and tables, Epson projector, a lending library and more.
- Funding support; to offer workshops or volunteer training session through the Signal Boost Initiative.
- Networking events. Green Drinks events, holiday year end party, annual Go Wild Grow Wild Expo (N.B., some of the in-person events have been impacted by Covid restrictions).
- Promotional supports; members are encouraged to post their events on LEN's monthly e-newsletters and online events calendar, to display brochures at LEN informational booths and events. Members profiles are on LEN's website.
- Workshops covering topics such as grass roots fundraising, volunteer recruitment and management and communicating to reach your supporters.

Covid restrictions have had a negative impact on many organizations in terms of the events they have been able to hold. I imagine the fact Nature London hasn't been able to continue to offer the very popular Nature in the City events has limited our ability to reach potential new members. Now more than ever it is important for Nature London to be part of the London Environmental Network and to utilize its promotional supports. In these troubled times I think it is very important that organizations dedicated to the protection and the improvement of nature and the environment continue to support each other. I remain impressed by the work that LEN does and by the resources, promotional support and workshops it offers its members. I believe being a LEN member provides us with opportunities to keep our members in touch with what is going on in the environmental sector. I recommend that Nature London continues its membership and involvement with LEN.

Susan Price

Manual Secretary

The manual secretary is responsible for keeping the club manuals up to date on a yearly or as-needed basis. As very few changes were needed in 2021/22, updates to the manual were deferred to 2022/23.

The new format of the manuals (a series of five manuals), revised a few years ago, now make updates easier.

Manual Number 1 of 5: Documents of Incorporation – Letters Patent, By-law No. 1, Constitution

Manual Number 2 of 5: Manual of Procedures – Main document for running the corporation

Manual Number 3 of 5: Additional Guidelines for Directors and Appointees

Manual Number 4 of 5: Recipients of Nature London's Awards over the Years
Manual Number 5 of 5: Members who served as Directors and Appointees over the Years

Cathy Quinlan

Membership Secretary & Membership Database

Membership Secretary's Report 2021-2022

Our membership for 2021/2022 was 457 memberships which is a new record for this century and much of the last. Our members have been very loyal during the pandemic years despite the inability to have in-person meetings. Last year did see an increase in opportunities for outdoor meetings over the first year of restrictions. The 457 memberships represented at least 778 individual members. Seven times someone chose to give the gift of a Nature London membership. 212 memberships were paid online using PayPal. More than 52 percent of memberships received a paper copy of The Cardinal.

Our "Guide to the Natural Areas of London and Region" maintained its popularity with club members as well as non-members. Thirteen (13) Guides were bought by non-members and 39 were bought by members and some were intended as gifts for others. Thank you, Ros and Jim Moorhead and Mike Channon.

Let us continue to enjoy the many activities of Nature London and encourage others to be part of this growing club.

Gail McNeil
Membership Secretary

Membership Database

Hugh Casbourn continued to provide support for the Membership Database. Summary reports were created as needed and some ad hoc questions about our membership were answered. A number of enhancements were made to the database to accommodate new procedures in membership.

Ontario Nature (Federation of Ontario Naturalists)

Regional meetings of the Ontario Nature Network provide an opportunity for naturalists to exchange ideas and report on successes and failures of programs they have undertaken, discuss natural heritage issues of concern, and seek advice from the Ontario Nature (ON) staff. ON staff representatives give an update on the organization's Nature Network and ON's conservation, youth, educational, and advocacy programs. Through these meetings, Nature London (NL) is able to keep abreast of regional and provincial matters relating to natural heritage. Member groups are the "grassroots" of the federation, and the McIlwraith Ornithological Club, an earlier name of Nature London, was one of the FON's founding member groups in 1931.

ON continued to operate its programs through the pandemic this year, with all staff working from home. It moved its Toronto office to a smaller space, at the new address Ontario Nature @Centre for Social Innovation, 720 Bathurst Street, Toronto, ON M5S 2R4.

With the COVID-19 pandemic restrictions preventing in-person meetings, Nature London (NL) attended the 2021 Fall Carolinian West Regional (CWR) and 2022 Spring CWR meetings of the Ontario Nature Network by Zoom video conference calls on October 30th and March 26th, respectively. The fall meeting was hosted and chaired by Lisa Richardson, Nature Network Coordinator for Ontario Nature (ON), and the spring meeting was hosted and chaired by Lesley Rudy, the new ON Nature Network Organizer for the CWR. Virtual guest presentations at the fall regional meeting were given by 1) Climate Legacy's Roy Culpeper on the "Climate Legacy Initiative" project, and 2) ON's Jackie Ho on "Protected Places Campaign". Virtual guest presentations at the spring regional meeting were given by 1) ON's Caroline Schultz on "Vote for Nature—Provincial Election on June 2, 2022", and 2) ON's Kristen Setala on "Birding in Candidate Protected Areas". President Gordon Neish and Ontario Nature Representative Anita Caveney represented NL at the fall and spring meetings. Attendance at both these meetings had dropped off slightly during the pandemic because some member groups were in abeyance. Reports of these regional meetings were published in the Winter 2022 and Summer 2022 issues of *The Cardinal*.

ON's 91st Annual Gathering was cancelled due to pandemic restrictions, but the AGM was held virtually on June 11th, 2022, and the Conservation Awards were presented virtually during the meeting. NL was represented at the AGM by Gordon Neish, Anita Caveney, and some other joint NL/ON members. The citations for, and photos of, the award recipients were posted on ON's website and published in the Fall 2022 issue of *ON Nature* magazine.

Nature London-Ontario Nature collaborations during the year are listed below:

- NL contributed \$3,000 towards ON's purchase of 100 acres adjacent to its Sydenham River Nature Reserve (SRNR) in SW Ontario, to increase the size of the latter. Some NL members also made personal donations towards this purchase.
- Under the guidance of ON staff, some joint NL/ON members participated in tree-planting events at the Sydenham River Nature Reserve on September 25th and 26th, 2021, and an ON celebration of the additional land acquisition at SRNR on May 15th, 2022.
- Emma Horrigan, ON's Manager of Community Science and Nature Guardians Youth Programs, presented a virtual talk by Zoom video conference on the topic "Prescribed Burn Project at Stone Road Alvar Nature Reserve".
- The NL Board endorsed ON's submission to the Environmental Registry of Ontario (ERO) expressing concerns about the delayed protection for the at-risk-species Black Ash.
- The NL Board endorsed ON's letter to the Ministry of the Environment, Conservation and Parks (MECP) supporting the proposed amendment to Ontario Regulation 315/07 under the *Provincial Parks and Conservation Reserves Act, 2006* to create a conservation reserve along the South Shore of Prince Edward County.
- The NL Board endorsed ON's letter to the Ministry of Municipal Affairs and Housing requesting that changes to Ontario's Building Code incorporate provisions requiring bird-friendly construction.
- The NL Board endorsed ON's joint letter to provincial party leaders to address biodiversity loss and climate change in their June 2022 election campaigns, after the NL Board had requested amendments to include broader consultations with local communities and Conservation Authorities.

- NL endorsed an ON letter to the Ministry of Municipal Affairs and Housing concerning violation of the public consultation requirements of the Environmental Bill of rights 1993.
- NL supported the ON Youth Summit with funds for the weekend event, held on September 25th and 26th.
- NL gave an Eco-Grant to the Thames Talbot Land Trust to support its first year of a snake-monitoring project, as part of an ongoing long-term Ontario Nature snake-monitoring program.
- Several NL members, some of them also Ontario Nature members, submitted comments during the year to the Ontario Government to express individual concerns about, or opposition to, proposed policy changes and funding cuts that would weaken environmental protection of certain species at risk and natural heritage features.

One highlight and three major concerns of the year for ON are listed below:

- ON purchased 100 acres of land adjacent to the SRNR to expand the Reserve and held a celebration event at the SRNR on May 15th, 2022.
- ON and Environmental organizations opposed the Ontario Government's plan to construct a Highway 413 ring road around Brampton and Vaughan, which would cause negative environmental impacts, increase dependence on cars, and encourage residential sprawl. It would harm sensitive natural areas, including the Greenbelt, and would harm 2,000 acres of farmland, cut through 85 waterways, and damage 220 wetlands, as well as disrupt the habitats of 10 species at risk. The environmental organizations were also strongly opposed to a proposed Bradford Bypass, a 16-km connection between Highways 400 and 404, which would also harm sensitive environmental areas.
- On September 23, 2021, the MECP posted a notice on the ERO outlining the proposal to selectively extend the conditional exemptions to newly listed species.
- Another unwelcome announcement by the Government of Ontario was a notice from the MECP in April 2022 of changes made under the *Endangered Species Act, 2007* to selectively extend existing conditional exemptions to eligible activities that could impact species newly classified as threatened or endangered in 2018 and 2022. These amendments were made on April 8, 2022 and came into force on May 31, 2022.

Ontario Nature issues Action Alerts about threats to the natural environment to its members, member groups, and others who have signed up to be Advocates for Nature for the organization. Nature London also issues Action Alerts for threats to local and regional natural environments. Nature London members who are concerned about threats to sensitive natural heritage features should consider becoming Advocates for Nature for both Nature London and Ontario Nature.

Anita Caveney, Ontario Nature Representative.

Osprey Monitoring

The 2022 Osprey nesting season around London exhibited an unusual degree of change. Four nests were removed by the tower owners on Fanshawe Park Rd., Gainsborough at Hyde Park, Sovereign at Tartan, and Dingman at White Oak. Three communication tower operators installed metal pyramid frames to defeat the Osprey, but at Gainsborough and Dingman towers, the Ospreys simply rebuilt their nest beside the frame. We recognize that these towers are private property but hope that some design changes can be worked out so the owners can conduct their business safely and reliably while accommodating these wonderful birds in our community.

Western University had to remove a nest to replace the stadium lights. However, Western and its contractors got expert advice, and successfully substituted a new platform on the very day their Ospreys returned. The new platform was promptly occupied and successful. Western did a great job and set a “bird friendly” standard. The City of London has indicated a similar willingness to accommodate the Ospreys when they replace the stadium lighting at Labatt Park.

The platform at the Greenway Waste Treatment plant was very popular and successful in 2021, but for some reason unknown, the nesting pair did not return in 2022.

The early goose got the nest in the ballpark at the east end of Windermere Rd. However, Ospreys evicted the goose on the nearby platform at the entrance to Kilally Meadows, and they raised two young. An Osprey was seen sitting low on the nest in the soccer field at Windermere and Adelaide through the Spring, but no young birds emerged from that location.

New Osprey nests were discovered at Sovereign at Belle Isle, and another on River Road near Gore Rd. but we are uncertain about the number of young fledged from those nests. Tall towers like these are a challenge for monitors as it is very difficult to see into the nest or detect young. We had similar problems with several other tall communications towers around the city but in some cases, monitors had a chance to identify the full-size young birds in July by their red eyes and white trim on the back feathers.

London Osprey Nesting in 2022

Nest Location	Young	Fledged	Notes
Clarke & Fanshawe	2	Active	
CDM on Fanshawe	0	Nest removed	
Hudson Boatworks	2	Active	
Airport -Huron & Dakota	2	Active	
Tartan & Sovereign	0	Nest removed, not active	
Sovereign & Bellisle	?	New Nest, late discovery, Active	
River Rd & Gore Rd	?	New nest, active, young not seen	
Windermere & Adelaide	0	Active, Female on nest, no young seen	
Windermere Ball Field	0	Goose occupied nest early	
Windermere at Kilally	2	Active	
Windermere & Richmond	2	Windermere On the Mount, Active	
TD Waterhouse (Western)	1 +?	Active	
Gainsborough & Hyde Park	1 +?	Active	
Labatt Stadium	3	Active, First to fly from the nest	
Greenway Park	0	No Ospreys nesting this year	
Dingman & White Oak	?	Active nest, no young seen	
Millar Berry Farm	2	Active	
TOTAL	17 +		

This year we had several nests removed by tower owners, and significant difficulty counting the young birds in July. Despite the removal activity, we had 12 active nests through the nesting season. Unfortunately, we were unable to confirm the number of young birds fledged in some locations. If we had the typical 2 fledglings/active nest, we could have as many as 8 more young Ospreys and a total similar to 2021.

Year	Young to Fledging Age	Active Nests
2022	17+	12
2021	23	11
2020	19	10
2019	16 +	8+
2018	16	10
2017	13	8

Active nests are ones where adult birds were observed remaining on the nest in April, May and June (but may or may not fledge any young birds)

On July 9th, 2022, Nature London held a successful Osprey walk and talk session at two locations in the City. Participants were able to see the adults at work and the hungry young birds in the nest at the entrance to Kilally Meadows. Osprey information was distributed and later published in the summer edition of the Cardinal.

London Osprey Monitoring is a Nature London program activity. As coordinators of this activity, we would like to extend our thanks to all those who contributed information about Osprey activity around the city this year. We look forward to an interesting and successful Osprey season in 2023.

Ric and Sandy Symmes
Osprey Monitoring Coordinators

Refreshments Committee

It is with sorrow that we report that Jim Bristow, at 79 years of age, passed away on Friday, December 16, 2022 at University Hospital due to complications of a stroke. His passing was peaceful, painless, and full of dignity.

Linda and Jim Bristow looked after the refreshments that brightened up the Indoor Meetings until this operation was halted due to the COVID-19 pandemic and restrictions. Whether and when we continue this activity will be determined at an appropriate time in the future.

Sales Coordinator

Nature London Book sales report

	2021/22	2020/21	2019/20
Total Revenue	190.00	520.00	927.00
Expenses	109.00	132.00	362.50

The expenses in my report are only for the books we buy from St. Thomas Field Naturalists. Revenue on the other hand is for ALL books from all sources.

There were no indoor meetings or outdoor event so all the sales were made at my back door this year. They totalled only \$190.00

I only made one order from St. Thomas Field Naturalists for \$109.00.

At least we made a little money and hopefully we will back to indoor meetings soon.

Ann Henderson

Saunders Library (London Public Library)

For many years Nature London has been making a donation (currently \$1000 per annum) to London Public Library to buy books for the Saunders Library.

The following is a list outlining the library purchases for the period of September 2021 to August 2022.

Adult Collection Titles

125 nature hot spots in Ontario: the best parks, conservation areas and wild places, by Chris Earley, 4 copies @ \$18.68	\$74.72
Grasses, sedges, rushes: an identification guide, by Lauren Brown 4 copies @ \$25.49	\$101.96
How to create a wildlife garden: encouraging birds, bees, butterflies and bugs into your outside space by Christine Lavelle 4 copies @ \$21.38	\$85.52
National Geographic birding basics: tips, tools, and techniques for great bird-watching, by Noah Strycker 4 copies @ 18.59	\$74.36
Ontario trees: a visual guide to the most important species, by Jeffrey C. Domm 4 copies @\$18.59	\$79.16
RSPB how to photograph garden birds, by Mark Carwardine 4 copies @ \$21.00	\$84.00
Urban foraging: find, gather, and cook 50 wild plants, by Lisa M Rose 4 copies @\$15.60	\$62.40
Wild learning: practical ideas to bring teaching outdoors by Rachel Tidd 4 copies @21.60	\$86.40
TOTAL	\$648.52

Children's Collection Titles

Birding for kids: a guide to finding, identifying and photographing birds in your area, by Damon Calderwood 6 copies @ \$12.00	\$72.00
Gardening for kids: 35 nature activities to sow, grow and make, by Dawn Isaac 4 copies @ \$14.39	\$57.56
The Lizard scientists, by Dorothy Hinshaw Patent 4 copies @ \$24.99	\$99.96
Luminous: living things that light up the night, by Julia Kuo 4 copies @ \$23.00	\$92.00

What's wild outside your door? Discovering nature in the city, Peter Wohllebe
6 copies @ \$14.97 \$89.82

TOTAL \$411.34

All titles can be reserved at London Public Library's web page at www.londonpubliclibrary.ca and picked up from your nearest branch library.

Pat Tripp, Saunders Librarian

Thames Talbot Land Trust

The idea of establishing a local land trust developed within the McIlwraith Field Naturalists (Nature London) in the late 1990s. In the year 2000, the Thames Talbot Land Trust (TTLT) was launched as a separate entity. TTLT is a registered Canadian charity, governed by a volunteer Board of Directors.

From these early beginnings to the present, Nature London and TTLT have worked together to protect ecologically significant land in the London region. The trust employs a small, hard-working staff consisting of an Executive Director, Conservation Lands Manager, Stewardship and Outreach Coordinator and an Administration and Engagement Coordinator. Through the support of the Canada Summer Jobs program, again in 2022 TTLT was able to hire three students. They provided much-needed assistance to the stewardship program, and in the office.

This report for Nature London members touches on some highlights of Thames Talbot Land Trust activities during the period September 2021 to August 2022. TTLT's Financial Statements for the year ending December 31, 2021, are available at <https://www.thamestalbotlandtrust.ca/>. Click on the "About Us" tab, and then on Financial Statements.

During the fall of 2021, celebration events were held at two nature reserves that had been acquired during the previous year. On September 25, 2021, TTLT supporters gathered near Ingersoll to mark the establishment of Ross's Woods, a 56-acre portion of Five Points Woods Wetland Complex. Then, on October 3, 2021, in West Elgin, a special event acknowledged the donation of MeadowWoods. This 105-acre reserve was donated to TTLT by Anita and Stan Caveney, long-time members of Nature London.

Birding hikes on May 21, 2022, introduced visitors to the trails at Sitler Woods, a TTLT nature reserve that was purchased in 2019. Restrictions associated with the COVID-19 pandemic caused a delay in celebrating the securement of this significant swamp forest in the Skunk's Misery area.

In 2022, more new lands were added to the TTLT portfolio of protected areas. In May, a crowd gathered to celebrate the opening of the Wachner Nature Preserve, a 23-acre parcel in the Dorchester Swamp. This reserve was donated to TTLT by Ann and Fritz Wachner, who lived on the property for many years. Then, in June, supporters gathered for a celebration at Bovie Farm on Vanneck Road in Middlesex Centre. Bovie Farm, an 88-acre parcel along Oxbow Creek, was a bequest from the estate of the late Mary and Dr. Paul Harding.

Also in 2022, the Auzins Nature Sanctuary was officially transferred to TTLT ownership. Karen and Eric Auzins donated 51 acres of land along the Dingman Creek valley. The Auzins sanctuary

was one of seven projects included in TTLT's Vision 20/20 campaign. With this generous donation in place, the Vision 20/20 campaign was declared complete.

An Eco-Grant from Nature London in 2021 funded the replacement of two pedestrian bridges at Five Points Forest – Driedger Tract. The new bridges were officially opened in May of 2022, and provide a safer, more enjoyable experience for trail users. Thank you to Nature London for this support.

The 2022 season of TTLT's Passport to Nature program commenced in early May. With fewer pandemic restrictions in place, it has been possible to provide more in-person events this year, although some webinars were provided as well. Passport to Nature continues to be a good way of introducing new people to the Land Trust. Sponsorship revenue from the Passport to Nature program in 2022 exceeded \$25,000.

Over the past two years, TTLT has been developing an outreach program called Diversifying Conservation. With funding from TD Friends of the Environment Foundation, TTLT has organized events aimed at Black, Indigenous and People of Colour (BIPOC) communities. The goal is to connect with these communities and build relationships while helping people to access nature. One of the most successful activities was a butterfly event at Meadowlily. Lessons learned during the first year helped to shape the development of the program for year two which continues until March of 2023.

Volunteers are essential to the operations of TTLT and assist in many ways. New volunteers are always welcome! Possible roles include serving on the board and committees, helping to organize and run events, and leading nature walks, as well as "hands-on" work at reserves. Workdays are scheduled from time to time for maintenance of trails and removal of invasive species such as garlic mustard, buckthorn, and autumn olive. Once the invasive plants have been eliminated, native species may recolonize the site, or may be encouraged through planting. In some cases, participation in a workday may provide the opportunity to visit a reserve that is normally closed to the public. While some TTLT reserves are open to the public, many are not. Please check the website for guidance on which reserves are open to visitors.

There are several ways to keep up to date on the activities of TTLT. Members and friends of TTLT receive a newsletter, the *Tattler*. Electronic communications include regular updates through email, Facebook, Instagram and the website. Financial contributions to support the work of TTLT are always welcome, and monthly donations are encouraged. Check the "Make a Donation" button at <https://www.thamestalbotlandtrust.ca/>.

TTLT thanks Nature London and its members for ongoing support. We look forward to working together on more projects in future.

Dave Wake, TTLT Liaison

Urban League of London (ULL)

The League's vision:

We believe that engaged and informed Londoners are the building blocks of a vital, successful and sustainable city. We believe that strong and connected communities are critical to bringing them together. Building these connections and advocating for our members is what we do.

The Urban League is an umbrella group whose members include a number of neighbourhood associations and community groups working to improve and connect our city. Individuals with an interest in urban or civic matters may also become members of the League.

Meetings are held on the last Thursday of each month except for the months of June, July, August and December. At each meeting there is an educational component and the opportunity for members to share information. In 2022 the Urban league continued to navigate challenges and uncertainty brought about by the Covid pandemic. Meetings and events were hosted online, member groups were supported, small grants to support local projects and their Green Brick and Green Umbrellas Awards recognizing outstanding leadership and projects in the community were awarded.

Membership benefits

- General Liability insurance for member events and room bookings.
- Access to small internal funding opportunities when available.
- Partnering on mutually beneficial projects when possible.
- Monthly general meetings featuring special topics of interest.
- Monthly newsletter
- Listing on the Urban League Website.
- Sharing events on social media (tag UL for retweets and Facebook share).
- Connections with and guidance and support from other neighbourhood associations and community groups.
- A collective voice on a city-wide and neighbourhood specific issue.
- Digital support with GSuite (which includes mail, Google sites and Google Drive storage)

UL provides Nature London with many opportunities to promote our programs and support our interests. One of UL's major efforts this year was hosting 14 All Candidate meetings. These meetings were well attended and well run. On the surface these meetings may not seem related to Nature London's mission and objectives, however, city councillors play a significant role in decisions having to do with our local environment. These meeting gave Londoners a chance to see where those running for office stand on environmental issues. This is just one example of how important it is for Nature London to continue to support and be involved with the Urban League. Being a member helps to keep our members in touch with what is going on at city hall and in local community organizations. It is also an organization that can help to rally support for causes of interest to Nature London. I recommend that Nature London continues its membership and involvement with the Urban League.

Susan Price

Volunteer Coordinator

This year volunteers made their way back into some programs and activities curtailed by COVID. Other volunteers have continued in leadership positions largely unaffected by COVID. To all we are grateful.

Our President and board leaders have continued to faithfully guide all the activities of Nature London. Volunteers lead and staff our indoor programs, outdoor hikes, and birding trips. Our communications tools, our first-class website and Cardinal quarterly, help us maintain good

contact with our internal and external audiences, all thanks to the volunteers who serve. The Conservation Action Committee volunteers direct our environmental activism in London across Ontario. With over 40 named volunteer positions and teams, we are thankful for all the competent and dedicated members who maintain our terrific nature group.

If you can, take the time to join the troop of enthusiastic volunteers who support Nature London's mission to preserve and enjoy our natural world.

Norm Corrin

Website

Website traffic was up over 8% for 2021-22, averaging over 2500 hits per month (30,469 for the twelve-month period) versus 2300 hits per month last year. Part of the increase in activity may be attributed to the Spring Migration Festival leveraging Nature London's event registration facility. *The Cardinal* averaged over 270 downloads from the website per flight, up from 250 last year.

Seventy-six events were added to the website's Events Calendar. This included:

- 51 hikes. (Wow!)
- 13 virtual meetings. (7 regular, 5 Birding Wings, and 1 special.)
- 12 Spring Migrations Festival outings.

The following improvements were made to the Events Calendar procedures:

- A method to automatically send an email to all registrants when an event is canceled was implemented and documented.
- Waiting lists were added to events. Should a spot open due to a cancellation, the next person on the waiting list will be registered automatically and receive a confirmation email.
- In response to the Spring Birding Festival opening registrations to the public and Nature London possibly doing the same in the future, two-step authentication was added to the registration process to validate email accounts.
- The "Job Aid on Registering and Unregistering for Events" was revamped. It includes details on how to be added to a waiting list, how to cancel a reservation, two-step registrations, etc.
- A Nature London Indoor/Virtual Meeting Request Form was created for the Indoor, Birding Wing and Nature in the City meeting coordinators. It captures in a standardized format all the information required to add a meeting to the Events Calendar.
- References to the Government of Ontario self-assessment was added to events.
- The hike waiver was updated.
- A new option was added to the hike sign-up form dealing with being photographed.
- The Hike Leader form was updated to capture the hike leader's sign-off on the "Waiver of Nature London Waiver of Claims and Assumptions of Risk" and subsection 7. The hike leaders no longer need to sign up for their own hikes.

In preparation for the 2022-2023 membership year the following enhancements were made to the website's Events Calendar procedures:

- Registrations used to be open for hikes as soon as they were added to the calendar, sometimes resulting in registrations over six months before a hike. Registrations now open two weeks before a hike when members should have a better understanding of their availability. It is hoped that this will reduce the number of no-shows.
- Automated email reminders are sent to registrants for hikes three days in advance. It includes instructions on how to unregister to free a spot for another member as well as hike protocol reminders.
- Automated email reminders are sent to registrants for indoor meetings one day in advance.
- A mechanism to handle hybrid meetings was created to accommodate registrations for attending either in-person or virtually.

There were the usual day-to-day activities (Breaking News, Feature Member Images, Columbia store invitations, annual bird reports, The Cardinal, Eco-Grants, AGM materials, membership password labels, plant sale, etc.) and ad hoc requests/discussions (solicitations for volunteers, a potential auction, PayPal history, the appropriateness of personal announcements, missing emails, copyright requirements, photo contest, evolving pandemic hike registrant limits, Covid announcements, etc.).

The Nature London Video Coordinator role was approved by the Board and became official early in 2022. Kathleen Holland volunteered to take on this role.

Once again, we would like thank Sylvia White who is providing the Nature London web hosting services and taking on the Postmaster (mail coordinator) role.

Chris Baldock

YouTube Administrator Report

This role was originally under the umbrella of the Webmaster, Chris Baldock when he created the Nature London YouTube Channel in September 2020. Through Chris' persuasiveness and patient coaching, a new volunteer was recruited! I took over the administration of the Channel in December 2021.

During that time until August 31/2022, the following steps were taken:

- Cleanup of all listed videos.
 - This required deleting content that was uploaded for viewing during a specific timeline, as was designated by the Content Creator (or presenter).
 - This required "scrubbing" (removing) content which had music tracks that were flagged for copyright claims on YouTube. Disputed music tracks were removed.
- Submission of an article to The Cardinal to provide video content guidelines to assist members who make videos to share on this platform. Those guidelines appear below.

- Uploading of videos to the Channel as follows:
 - Eight member contributions**
 - Three Birding Wing Presentations*
 - Four Indoor Meeting Presentations*
- Removal of the unlisted videos by their specified end date (*). Virtually presented content (by Zoom) which had been made available by speakers to NL and where permission has been granted, was uploaded to the YouTube Channel in “unlisted” mode. This “unlisted” content could only be accessed by using a link. Its link was sent out in 2 consecutive eNewsletters to permit viewing by those who were unable to attend the presentation. It was typical that each unlisted video was viewed about 25 times on the Channel over one month. Each presentation was then removed after one month, fulfilling our agreement with each presenter.
- Member video contributions (**) are listed publicly for the viewing pleasure of NL members and beyond. Using a term from YouTube, these contributors are called Content Creators. It is only those videos which are publicly listed that YouTube tracks for the overall success of the Channel. These publicly listed videos when submitted with key words (identifying the content) in the title or description become searchable across YouTube. That can make this NL YouTube Channel a locally important one when used as a resource by others.

Guidelines

Videos should be:

Two minutes or shorter in duration.

Nature sightings that have been recorded by you (therefore avoiding any copyright issues).

Recorded by a current Nature London member.

Sightings from the London area or at least of flora and fauna found within the province of Ontario.

Limited to one favourite video a year (I realize that this may become popular and we want everyone to have the opportunity to share their content with our members).

Ready for public consumption. All our member videos are uploaded for the public to enjoy, as well as our members.

Accompanied by a title, thumbnail, description, and your name. A thumbnail is a photo that people will see which represents your video. For example, if your video subject is about a robin on its nest, take a photo of the robin or a screen grab of the robin from your video. A description should be one or two lines that highlight the content of your video. You will be given credit for providing the video.

Tips

Avoid using/adding music tracks because the risk is that YouTube may flag them for a copyright claim. And the music track will have to be removed.

Edit your video to showcase your highlights

Thank you to those who've offered to liaise with presenters and forward their content to me, including but not limited to Gordon Neish, Garth Casbourn, Stacey Jaczko, Ruth Dickau, Glenn Berry and of course, many thanks to Chris Baldock. Also, a big thank-you to members (Content Creators) who have submitted their own videos to the Channel. For those Content Creators who have their own YouTube Channel, a link to their Channel is added in the description of their video submission. This allows NL members and members of the public who are interested, another way to find more content by a Content Creator. It helps to put our members on the YouTube map! Together, may we all grow our Channels with exciting nature content!

Kathleen Holland
@Hiking With Kathleen YouTube Channel

Awards

W.E. Saunders Award of Merit

Leslie Rockwell

Special Recognition Award

Pat Tripp

Conservation Awards

Cathy Quinlan

Ric and Sandy Symmes

Thank You (Suncatcher) Awards

Irma Harris

Paul Stevens

Enviro Hero Awards

Not awarded in 2021-22

Appointments 2021-22

Archivists	Dave & Winifred Wake
Audio / Visual Technicians	Rick Martin, Ric Symmes, Gordon Neish
Awards Banquet Coordinators	<i>vacant</i>
Bird Friendly City Representative	Stacey Jaczko
Birding Wing Program Coordinators	Paul Roedding, Garth Casbourn, Kathy McCoy, Gail McNeil
Book Donations	Betsy Baldwin
Brochure Producer	Ray Robertson
Butterfly Count Coordinator	George Preiksaitis
Cardinal Committee	Muriel Andreae, John Berry, Mike Channon, Carrie Long
Cedarcroft Manager	Barb Kaiser
Chimney Swift Liaison	Winifred Wake
Christmas Bird Count Compiler	Pete Read
Conservation Action Committee Chair	Sandy Levin
Eco-Grants Coordinator	Susan Relecom
E-Newsletter Coordinators	Ric & Sandy Symmes
Email Coordinators	Ric & Sandy Symmes
Facebook Coordinator	Mady Hymowitz
Field Trips Coordinator	Evelyn Rogers
Friends of the Coves Representative	Bill Maddeford
Giving Program Coordinator	Susan Relecom, Grace Edwards
Guide to Natural Areas Editors	Mike Channon
Image Database	John Berry
Indoor Meetings Coordinators	Ruth Dickau, Rick Martin, Glenn Berry
London Environmental Network Rep	Susan Price
Manual Secretary	Cathy Quinlan
Membership Secretary	Gail McNeil
Membership Database Support	Hugh Casbourn
Nature in the City Coordinator	<i>vacant</i>
Ontario Nature Representative	Anita Caveney
Refreshments Coordinators	Jim & Linda Bristow
Sales Coordinator	Ann Henderson
Saunders Library Liaison	Pat Tripp
Thames Talbot Land Trust Liaison	David Wake
Urban league of London	Susan Price
Volunteer Coordinator	Norm Corrin
Web Host	Sylvia White
Webmaster	Chris Baldock
YouTube Administrator	Kathleen Holland

Board of Directors 2021-2022

President	Gordon Neish
Past President	Bernie VanDenBelt
Vice President	<i>vacant</i>
Treasurer	Lesley Pergau
Recording Secretary	Liz Bell
Director at Large	Nick Bell
Director at Large	John Berry
Director at Large	Mike Channon
Director at Large	Garry Cruickshank
Director at Large	Jennifer Evans
Director at Large	Grant Hopcroft
Director at Large	Stacey Jaczko
Director at Large	Dan Tigchelaar
Director at Large	Chrisoula Van Oirschot

The Nature London 2021-22 Annual Report was compiled by Gordon Neish.