

2023/2024

YEAR END REPORT



FOREST
Gene Conservation
ASSOCIATION



ABOUT THE FGCA

Vision A genetically diverse resilient forested landscape in southern Ontario that supports healthy ecosystems, healthy people and a healthy economy

Mission to ensure that genetic diversity is recognized and protected as the foundation of a resilient forested landscape.

The Forest Gene Conservation Association is guided by four key strategies.



Species Conservation

Implementing programs for at risk woody plant species.



Seed Management & Expertise

Ensuring the supply and use of high quality, locally adapted woody plant seed.



Climate Change Adaptation

Providing strategic forest management advice and facilitating assisted migration.



Education & Advocacy

Increasing awareness and knowledge in seed expertise, forest genetic resource management principles and species conservation.

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PRESIDENT'S MESSAGE



The FGCA continues to grow and adapt to the times and we know that determination and a clear vision of where we are headed will get us there. It takes a purposeful effort everyday to make sure we don't lose our vision of where we want to go while we work to accomplish the short term actions that will bring us closer to our goals. Just like hiking a long trail, it's hard to recognize your accomplishment with each passing step but truly clear when you are standing at the trail's precipice peering down on your vehicle in the parking lot far away!

The FGCA is nearing the end of our current strategic plan and we are now looking to establish a new vision of where we want to be 5-years from now. Informed by our staff, partners, professionals and practitioner's experiences of success and failure over the past few years, this is the inspiration that we will use while revising our future direction. We will review what went well, what went bad, barriers and opportunities that have shaped our experiences to this point.

We welcome everyone that has a vision of a genetically diverse, resilient forested landscape to join us on our journey to make every step count!

A handwritten signature in black ink that reads "Matt Mertins".

Matt Mertins, R.P.F.
President, FGCA

CEO'S MESSAGE

This year was certainly one preparing for transformation. We laid a lot of solid groundwork with respect to ash, focusing time and resources into butternut archive health to improve seed production, took on more seed and climate change projects than previous years, and made a significant number of plans for the 2024/2025 fiscal year. Not only that, our role in advocating for this work is expanding.

I cannot say enough about the incredible team that supports this important work. Every individual comes with a unique perspective and skill set that has significantly benefited our organization. Not only that, we have a mighty network of members, funders, partners and collaborators that help us keep true to our mission and push us to achieve more.

Once the calendar changes we go at it again, however, this Annual Report provides us with a moment to reflect on the past year. Based on the foundation laid, there is no doubt that big things are coming.



Kerry McLaven
Chief Executive Officer, FGCA



FGCA TEAM

Staff

- Kerry McLaven, CEO
- Chelsea Stentiford, Administration Coordinator
- Heather Zurbrigg, Director of Species Conservation (actg. CEO)
- Kristen Sandvall, Seed and Climate Change Program Manager
- Meghan Clay, Seed and Climate Change Technician
- Corey Gent, Eastern Ontario Butternut Technician
- Briana Heuving, Operations Coordinator
- Madelaine Danby, Central Ontario Butternut Technician
- Becky Agnew, Forest Technician
- Nina Hunt, Species Conservation Program Coordinator
- Kaylen Foley, Project Assistant
- Jack Newell, Project Assistant

Board

- Matt Mertins, R.P.F.– President
- Brent Forbes, R.P.F.– Vice President
- Nancy Young, R.P.F.– Secretary
- Aron Fazekas, PhD– Treasurer
- Barb Boysen
- Danijela Puric-Mladenovic, PhD
- Elizabeth Celanowicz (stepped down for leave)
- Jeff Sharp, R.P.F.
- Margaret Scott, R.P.F.
- Mark McDermid (interim seat filled)
- Maureen Jacques
- Rob Davies, Associate Member OPFA
- Steve Smith



ADMINISTRATION & HUMAN RESOURCES

The FGCA was pleased to offer the 29th Annual General Meeting virtually on June 21, 2023. Attendance reached 46 and we had attendees from Conservation Authorities, businesses, not-for-profit organizations and municipal, provincial and federal government. We had excellent speakers from partners and collaborators.

In November 2023 we successfully held an in-person meeting of the board, staff and local partners near Scugog Ontario. The meeting and associated tour addressed a number of existing and potential projects including those associated with the white pine seed orchards, butternut recovery efforts and support and climate change adaptation trials. Thanks to Natural Resources Canada, Canadian Forest Service, Mississaugas of Scugog Island First Nation and others who helped make the meeting so successful.

In 2023/2024 we began working on a new recovery program, were approached by partners to complete studies and projects to support seed and climate change adaptation projects and we grew our team in a significant way to accommodate new projects and in anticipation of more work ahead.

We were able to successfully attract two new team members who brought expertise on Species at Risk and trees in trouble. Additionally, we made plans to acquire more support for the seed and climate change adaptation team to prepare for some large projects in 2024.

In addition, the FGCA was able to recruit several volunteers for our seed orchard collection project this fiscal. We are thankful for all our volunteers who contributed their time and equipment to realize the potential of our white pine seed orchards.

The FGCA has been working closely with Forestry Futures Trust and the other two genetic associations; Superior Woods Tree Improvement Association (SWTIA) and Northeast Seed Management Association (NeSMA) to develop the 10-Year Strategic Direction for the Forest Genetic Resource Management program. These efforts to modernize the direction for funding over the next 10 years, prepares the genetic associations in the development of their strategic plans. This work has been over a year in the making and now with the draft strategy in place, the group will be promoting it with the Ministry of Natural Resources and Forestry (MNRF) to obtain greater direction, funding and traction for the program over the coming years.

SPECIES CONSERVATION

Ash Recovery Program

It was an exciting year for our species conservation program area this year. The FGCA was successful in acquiring Species at Risk Stewardship Program funding from the Ministry of the Environment, Conservation and Parks (MECP) to support our efforts to build a foundation for black ash recovery in Ontario. Our program is aimed at understanding the resources, approaches and techniques for in-situ and ex-situ conservation using our 30 years' experience working with tree species at risk.

In the first year of the program, we signed the Transfer Payment Agreement (TPA) with the MECP and began developing contracts with the University of Toronto to access the Vegetative Sampling Protocol (VSP) database and the resources they have with the university. We also developed connections with researchers at the Laurentian Forestry Center (LFC) and colleagues in the United States Forest Service (USFS) pertaining to ash recovery, programs and advances made there.

Butternut Recovery Program

Over the course of a year, the pursuit of butternut recovery proves to be a multifaceted endeavour, demanding meticulous planning and adaptability. From the initial stages of planning to the hands-on implementation, each phase presents its own set of challenges and opportunities. As seasons shift and environmental factors fluctuate, the landscape of butternut recovery remains variable, requiring constant reassessment and adjustment of tactics. Whether it's grafting, nurturing grafts, mitigating threats to the orchards, fundraising, or engaging with new partners, every aspect of this mission demands careful coordination and dedication. Despite the inherent unpredictability, the commitment to butternut recovery persists, fueled by a collective determination to safeguard this species.

Butternut quick facts for 2023/2024

- 13 parent trees grafted
- 266 grafts planted in 5 of the 6 archives
- Over 1,200 seeds from 36 archived parent trees collected in SOBSO orchard
- Over 750 wild butternut seed collected from pure, healthy individuals
- 3 new recovery trees were identified for butternut grafting
- First trial of etiolated shoot grafting with University of Guelph

At the beginning of the fiscal year the team worked diligently to ensure the grafts were prepared for out planting and the local orchard managers ensured the grafts were planted and tended to with care. The complexity and scale of this project cannot be overstated and requires a series of events and activities on each archive site delivered to the team's best abilities. This year was no exception, even through significant pest infestations, canker presence and late frost damage to flowers, the team did an excellent job maintaining the persisting grafts.

The orchards received some significant attention this year. We were fortunate in 2023/2024 to officially open our 6th and, most likely, final butternut seed orchard in Exeter Ontario on August 18th, 2023, with the Ausable Bayfield Conservation Authority (ABCA). The ribbon cutting ceremony included staff, board members, ABCA staff and other collaborators. Additionally, we hosted a tour of our Eastern Ontario Butternut Seed Orchard for Martin Kratt of *Wild Kratts*, whose passion for butternut had him reaching out to us for information on butternut sowing, seedling planting and the work that we do in our butternut recovery program.

In 2023/2024 we re-invigorated our Butternut Health Expert (BHE) training course and successfully delivered to 54 attendees through 2 training sessions. We invited Nature Metrics and had the Ministry of Environment, Conservation and Parks review our slides on the legislative and regulatory content. After the course was delivered, we obtained significant interest in the course for the future. We also began discussions with the Mississaugas of Scugog Island First Nation regarding customized BHE training for their field team.

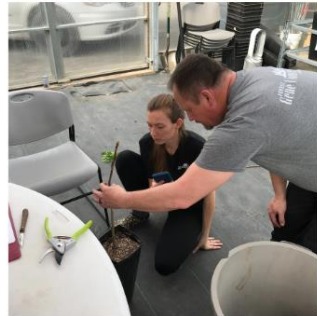
The depth and breadth of the FGCA butternut program continues to yield additional benefits to researchers, government and organizations. Researchers at Natural Resources Canada have obtained samples from cankered grafts to identify the strains of canker present in the orchards. Environment and Climate Change Canada has approached the FGCA to advise on a significant butternut population in Ontario, as well, Vineland Research and Innovation Centre has engaged the FGCA to obtain butternut for planting under the Trees for Life project through the Species at Risk Stewardship Program.

Trees in Trouble

In addition to ash and butternut, the FGCA is involved in other projects and other species to support not only their recovery but also to help propagate the ideal genetics for a species. This year, the FGCA offered operational support to the Superior Woods Tree Improvement Association (SWTIA) to complete the grafting of black spruce for a second generation seed orchard. The work involved the preparation of rootstock and grafting overwinter. Final steps of the project will be completed in 2024/25 when the healthy and viable grafts will be shipped to their destination near Thunder Bay.

We continue to monitor research and developments with respect to trees in trouble like American beech, Eastern hemlock, oak species and red spruce. Throughout the year we have made some promising connections to organizations conducting important work in the

northeastern United States, the Canadian Forest Service and others involved in research and implementation. This will help inform us of the latest work and recovery needs to be able to steer us in the right direction forward for our own potential recovery efforts for these and other species.



SEED MANAGEMENT EXPERTISE

Ontario's Natural Selections

The Certified Seed Collector program has been aimed at equipping attendees with comprehensive knowledge about the tree seed chain of custody, seed quality, and value. At its core, this program serves as a cornerstone for maintaining the integrity of the seed supply chain, ensuring that every step, from forecasting to collection and sale or use, adheres to the highest possible standard. Participants come from nurseries, conservation based organizations, forestry companies, general interest groups, and many others and are immersed in a curriculum that delves into the intricacies of seed biology, sourcing, temporary storage, and handling, emphasizing the importance of maintaining traceability and accountability throughout the entire process. We have received positive feedback from the hands-on activities and expert-led discussions, where attendees gain a nuanced understanding of seed quality parameters, learning to discern factors such as seed development, maturity, and insect and pest predation.

In more recent years, including 2024, the program has emphasized the economic significance of high-quality tree seeds, highlighting their role in sustainable forestry practices and ecosystem restoration efforts. As an organization, we have a greater understanding of the need for training to navigate the complexities of tree seed collection and safeguarding the future health and resilience of our forests.

Certified Seed Collector Course Quick Facts

- Successful delivery of virtual Certified Seed Collector (CSC) presentations to over 100 attendees
- Delivered 6 virtual seed forecasting check-in sessions
- In field sessions were delivered in Everett and Niagara
- Delivered a basics and advanced webinar and one check-in session
- 9 attendees from the United States joined the Everett in-person workshop.
- Developed a Canada-wide CSC exam to compliment the joint seed training programs

After numerous discussions with the National Tree Seed Centre (NTSC), the FGCA has moved forward with a collaborative training model whereby the NTSC offers training to groups across Canada through their knowledge mobilization program, and prepares attendees to challenge the Ontario's Natural Selections' CSC certification.

This year we established new connections with forestry and nursery professionals in the United States (US) including but not limited to Nature Conservancy, Minnesota Department of Natural Resources and the Sustainable Forests Education Cooperative and delivered a seed training course which included presentations from some of those organizations and nurseries locally. The course was well received, and some folks attended the in person event in Everett, Ontario.

In addition to the certification process, the FGCA works with organizations to deliver seed collection basics courses for those who are not ready to pursue full certification. In 2023 we delivered a seed training session for the Kawartha Chapter of the Ontario Woodlot Association which was well received and has inspired other chapters to engage the FGCA for training.

In 2023 we collaborated with partners First Resource Management Group, Interfor, Ontario Youth Employment Program (OYEP), Timiskaming Forest Alliance Inc., GreenFirst Forest Products, Sustainable Forestry Initiative, Mattagami Region Conservation Authority and Millson Forestry Service to deliver two in-person courses. The courses had our training team on the road, delivering the courses in Timmins and Esker Lakes Provincial Park. Attendees included first nations community members, forestry professionals and OYEP participants. The courses were very successful and the FGCA team learned quite a bit from the collaboration and from participants.

A significant amount of winter work in 2023 and 2024 was focused on revisions to the seed manual, the new manual *Seeds of Ontario and Eastern Canada: A Manual for Tree and Shrub Forecasting and Collection* has photo and policy updates, adjusted range maps, new species and other content corrections. An exciting addition to the second edition is the indigenous uses icons added. The new manual will be available for purchase in 2024/2025.

We continued to support and collaborate with our partners Forest Recovery Canada and the National Tree Seed Centre to assess the capacity of organizations across the country to obtain, process, store and procure tree seed, ultimately to develop recommendations and guidance for the 2 Billion Tree Program team at Natural Resources Canada (NRCan) as it pertains to tree seed supply, demand and capacity building opportunities. This work will continue into 2024/2025.

White Pine Seed Orchards

This year yielded a significant crop in many of the seed orchards. With the support of Forestry Futures Trust, the FGCA successfully collected and processed 81 clonal collections from Glencairn and 62 clonal collections from Cayuga. These clonal collections will be sent to the NTSC to be stored for research or future use by the FGCA.

In addition to the white pine clonal seed collections, we completed bulk collections of over 200 hectolitres of white pine cones from Taylor Lake, Cayuga and Glencairn orchards. Final seed testing results are pending but all seeds collected have been sold or allocated to buyers. Although summarized here, this endeavour involved all FGCA staff, many volunteers and the expertise of local contractors to deliver. Many benefits were gained including a greater understanding of the requirements of buyers and scheduling requirements to capture peak cone maturity. Thanks to detailed data collection and cost evaluation, the project itself was completed at cost recovery. To prepare for future years collections, the FGCA will look closely at areas for improvement both in buyer experience and delivery of the project.

During cone collection in the orchards other activities were conducted as part of regular maintenance plans and schedules. Management activities included thinning and topping to ensure efficient use of funds, to aid collection and as part of collections. Thinning activities followed a marking plan that had been developed several years earlier. In addition to orchard management activities conducted alongside cone collection, storm damage clean-up was required at the Taylor Lake seed orchard, following the derecho that damaged trees at the site in 2022. Activities involved tree and branch removal and chipping.

Many of the orchards are over 35 years old and with that comes significant data. This year, we ventured to develop a database to house information collected from the earliest days of plus tree selections, grafting, and orchard development to our modern management and collection techniques. As part of this project, we hired a student to support the significant data entry work. Many grueling hours were spent on data entry, which will ultimately inform many of our decisions within the seed orchard for decades.

The white pine seed orchards were originally established to facilitate the propagation of high quality and genetically improved white pine. The orchards now require strategic intervention including successional planning. The FGCA's White Pine Seed Orchard Renewal project has been focused on valuing the orchards and collecting foundational information to ensure we are safeguarding the genetic integrity of the white pine populations from which the original trees were collected, to ensure their vitality for generations to come. The project brought together an expert working group comprised of federal and provincial researchers, forest managers, retired policy experts, who guided the FGCA team in developing a seed orchard report card for each orchard, a final strategy to guide the FGCA in future management decisions and the development of financial scenarios for managing the current orchards and developing new ones.

Seed Production and Collection Areas

Within the realm of forestry and conservation, the urgency to address climate change has led practitioners to seek innovative solutions. Seed production areas emerge as a tool in this arsenal, offering a means to cultivate high-quality seed sources that are more resilient to climatic shifts. By focusing on the development of seeds adapted to changing environmental conditions, organizations can bolster the resilience of crops and ecosystems, ensuring sustainability in the face of climate uncertainties.

Conservation Halton approached the FGCA in 2022/2023 to develop a Seed Production Area (SPA) at their Mountsberg site. The intention was to develop a site that could supply seed to the region for decades to come. The planting was successfully completed in 2023/2024, an updated site layout was provided, and management recommendations will be ongoing.

In addition to establishing new sites, there have been significant resources invested in sites that exist across southern, central and eastern Ontario through the Seed Collection Area Network (SCAN) project. This year, we have been working to modify SCAN to accommodate additional information to benefit the database including a greater focus on seed suppliers rather than specific sites including Certified Seed Collectors and United States-based network we have developed over the past few years. In addition, we are working in collaboration with Forests Ontario to transition SCAN collection sites to a more user-friendly and accessible platform for their partners and the larger reforestation and afforestation community.

The FGCA was approached by Petawawa Research Forest (PRF) to source white oak acorns for direct seeding for the Adaptive Silviculture for Climate Change (ASCC) trial sites within the Petawawa Research Forest. To support this, 1.80 hectolitres of white oak acorns were obtained from the Tillsonburg area. This seed was intended to replace seed that unsuccessfully germinated at the nursery due to poor seed quality. To ensure the safe arrival to the PRF, FGCA staff delivered the seed directly.

Additionally, through knowledge of the ASCC project, a program coordinator for the Trans-X project, a large-scale climate change trial on the east coast of Canada, approached us to procure seed as part of their project. The Trans-X program was seeking sugar maple and red oak seed from southern and northern sources for inclusion in their trials. We were able to source 25L of sugar maple (single source) and 55L of red oak (3 different sources from Ontario and Minnesota). The seed was delivered to the appropriate location, one sugar maple source was not obtained as requested due to logistics and limited seed availability.

We were fortunate in 2023 to send a team member out to the Canadian Forest Genetics Association conference in Vernon BC to deliver a presentation and attend the various presentation sessions and field tours. We obtained insights into research on reproductive biology and seed orchard practices, seed testing and the new Ontario Tree Seed Genetic Archive in Sault Ste. Marie. Field tours included seed processing facilities, seed orchards, breeding orchards and various field trials and demonstration sites.



CLIMATE CHANGE ADAPTATION

This year we continued our work to complete an Ecodistrict analysis for Forests Ontario (FO). As part of this project, we created 3 Tableau workbooks for FO planting partners. The analysis was the largest ever completed by the FGCA representing 35 EcoDistricts in Ontario. The workbooks include predicted climatic changes by ecodistrict using a number of variables that have a direct impact on tree survival and growth. The workbook also includes species climatic ranges and bioclimatic species profiles by ecodistrict. The final product will be completed and communicated to a broader audience in 2024/2025.

We continue to seek opportunities to support the management of the Assisted Migration Trials (AMT) established across the province between 2010 and 2016. As part of our work to build partnerships and opportunities with these sites, we completed a field tour of the Holst and Salford Assisted Migration Trial with Upper Thames Region Conservation Authority, Natural Resources Canada. Additionally, we re-engaged with partners at the Plantagenet site with hopes to ensure continued site maintenance and potential seed collection in the future.

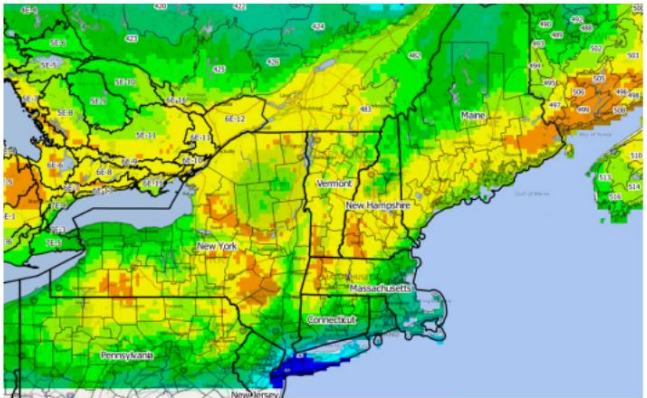
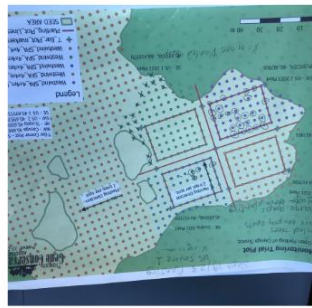
The Canadian Forest Service of NRCan approached the FGCA to collect data from the five AMT to compare growth between the various sources and sites. Tree height and diameter at breast height was taken on primary species that had a high number of replicate plots planted from different sources. Species were site dependent but included bur oak, red oak, swamp white oak, white oak and black jack oak.

In effort to understand the costs and operational requirements of assisted migration seed orchards and seed production areas, the FGCA was recruited by the Canadian Forest Service of Natural Resources Canada to undertake an assessment of the need for and feasibility of tree seed production installations in Ontario. As part of this feasibility study, we identified opportunities across a number of species and completed a more in-depth review of white pine and red oak including potential site locations, installation timelines and cost estimates, to name a few. Information gathered as part of this project will be used by the FGCA and our partners to build funding applications to garner more financial support to pursue these activities.

As part of a previous year's project, the FGCA had an excess of North Carolina sourced stock. The source was an appropriate seed transfer for partners in southern Ontario and various partners were contacted as buyers of the stock. The stock will be distributed to the appropriate partner in spring 2024. Partners have been asked to monitor the performance of the stock as part of their regular assessments.

FGCA staff participated in the Toronto and Region Conservation Authority's (TRCA) workshop and collaborative team to develop best management practices that allow pine plantations to

adapt to future changes in climate (complimentary to the ASCC project). Workshops and meetings help to inform our team about how practitioners are thinking about climate change, climate resilience and adaptation along with the internal challenges they face when developing action plans.



EDUCATION & ADVOCACY

Practitioner Engagement


Throughout the year, the FGCA delivers presentations to diverse audiences at conferences and to various groups and networks. Through these engagements, we continually learn and grow. Each presentation provides an opportunity to share insights, exchange ideas, and receive valuable feedback. This interactive process fosters innovation and deepens our understanding of our subject matter. By engaging with different audiences, we gain fresh perspectives, refine our messaging, and adapt to evolving needs. In essence, our presentations serve as both a platform for knowledge dissemination and a catalyst for continuous improvement.

In 2023/2024 we had the opportunity to present to several unique audiences including the following:

- Southern Ontario Seed Strategy members
- Bancroft Minden Local Citizens Committee (LCC)
- International Society of Arboriculture Ontario conference in Huntsville
- Somerville Stock Viewing Day
- Ontario Woodlot Association (OWA) Climate Change Adaptation advisory committee
- Bruce Grey Woodland Association
- Exeter Butternut Seed Orchard Ribbon Cutting

Events continue to assist us in gathering new insights to enhance our support for practitioners and advance the genetic resilience of our forests. Gatherings serve as hubs for exchanging ideas, experiences and innovations within the field. By participating in the following events we obtained knowledge of emerging trends, challenges and opportunities facing practitioners and are better prepared to tailor our work to meet the evolving needs of our community.

- Canadian Chestnut Council Field tour
- EUFORGEN webinar
- Fleming College Advisory Committee
- Ontario Professional Forester Conference
- Oak wilt expert panel Q&A
- Spruce Budworm Early Intervention Strategy- Canadian Institute of Forestry
- International plowing match with the Ontario Woodlot Association
- Canadian Forest Genetic Association Conference- Vernon BC
- Forest Pest Management Forum
- OWA Annual Woodlot Tour and Conference
- Canadian Chestnut Council meetings
- International Butternut research coordination group
- Biodiversity Council meetings
- Hemlock Woolly Adelgid working group



Social media platforms offer the FGCA an invaluable opportunity to showcase our exciting work and forge connections with professionals and interest groups nationwide and beyond. Through engaging content and strategic outreach efforts, we have been able to amplify our message, raise awareness about the importance of forest genetic resource management, and attract new collaborators and supporters. By harnessing the power of social media, we can extend our reach, foster dialogue, and contribute to the global conversation on forest conservation.

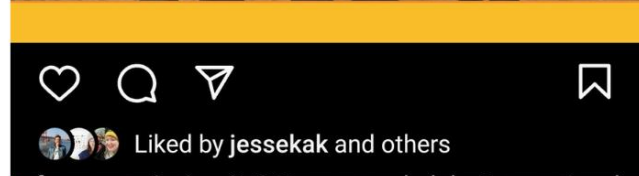
Over the course of a year, we have seen a significant increase in Instagram and LinkedIn followers. This can be attributed to our regular posting schedule which engages all staff to keep the content flowing and diverse. As always, we are interested in hearing what you might be enjoying most, so please feel free to engage with us through social media.

In addition to social media, we have been fortunate to have the opportunity to collaborate on articles within the 112th Issue of the OWA Woodlander magazine. The magazine included a series of articles about species recovery including FGCA's butternut recovery program and incoming ash recovery program. Additionally, we had two articles published in the Forests Ontario publication 'Our Forest' and contributed to local articles about the opening of the new Butternut seed orchard in Exeter.

Membership

This past year, we have seen a consistent member turnout as compared to the previous year. Individuals who regularly engage with the FGCA through projects, at conferences and through workshops understand our value and role in broader biodiversity, conservation and forestry efforts. The FGCA membership benefits are often centered around our Annual General Meeting along with an increased general awareness of the work we do. Our membership and the diversity of members is critical as we navigate species conservation, climate change and seed related challenges and opportunities. Some members participate more actively on the board of directors and on committees, while others remain content with updates and partnership benefits of being associated with the FGCA. Members provide us with an amplified voice when it comes to forest and species conservation policy matters and sustainable forest management and restoration efforts across Canada.

The FGCA supports partners in the southern portion of the managed forest in Ontario. Through monthly meetings, we have been exchanging information and providing forest genetic resource management-based topics to cover at each meeting. The meetings have been beneficial both for the Sustainable Forest License Holders (SFL) who continue to express interest in continuing the conversations, but also to FGCA who obtains greater awareness of challenges and opportunities with respect to forest genetic resource management and supporting the SFLs.



Acknowledgements

We extend our heartfelt gratitude to our esteemed funders and collaborators whose support has propelled our work forward this year. Their dedication and partnership have been instrumental in our success, enabling us to achieve our annual goals and find success in shared initiatives. We look forward to continuing these fruitful collaborations as we strive towards even greater accomplishments together.

Special thanks to:

Algonquin Forestry Authority
Ausable Bayfield Conservation Authority
Bancroft Minden Forest Company
Canadian Forest Service
Canadian Tree Nursery Association
Conservation Halton
EACOM Timber Corporation, a subsidiary of Interfor East Ltd.
Ferguson Tree Nursery
Forestry Futures Trust
Forests Ontario
Mazinaw-Lanark Forest Inc.
Ministry of Natural Resources and Forestry
Ministry of the Environment, Conservation and Parks
Minnesota Department of Natural Resources
National Tree Seed Centre
Natural Resources Canada
NatureMetrics
Nipissing Forest Resource Management Inc.
Ontario Biodiversity Council
Ontario Woodlot Association
Ottawa Valley Forest Inc.
Petawawa Research Forest
Somerville Seedlings
Superior Woods Tree Improvement Association
Timiskaming Forest Alliance Inc.
Toronto and Region Conservation Authority
University of Guelph
University of New Brunswick
University of Toronto
Upper Thames Region Conservation Authority
Westwind Forest Stewardship Inc.

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