

State of the Environment

- UN Report May 2019: Nature's Dangerous Decline 'Unprecedented'; Species Extinction Rates 'Accelerating' <https://www.un.org/sustainabledevelopment/blog/2019/05/nature-decline-unprecedented-report/>
- The World Wildlife Fund's [Living Planet Report 2020](https://www.wwf.ca/living-planet-report-2020/), published Friday, Sept 9, 2020 <https://www.wwf.ca/living-planet-report-2020/>
- A. Y. Kawahara, L. E. Reeves, J. R. Barber, S. H. Black. 2021. **Eight simple actions that individuals can take to save insects from global declines.** Proc. Natl. Acad. Sci. U.S.A., doi:10.1073/pnas.2002547117. <https://www.pnas.org/content/118/2/e2002547117>

Learn about the Mixedwood Plains - your Ecozone and your Ecodistrict 6E - 1

- The Ecological Framework of Canada ecozones.ca/english/
- The ecosystems of Ontario – Part 1: ecozones and ecozones <https://www.ontario.ca/page/ecosystems-ontario-part-1-ecozones-and-ecoregions>
- The ecosystems of Ontario - Part 2: ecodistricts <https://www.ontario.ca/page/ecosystems-ontario-part-2-ecodistricts>

Native Plants Lists:

- **Southern Ontario Vascular Plant Species List**, 2013. (note the species ranking if there is an E it is considered exotic) <http://govdocs.ourontario.ca/node/12076> (Note ranking SNA ... generally means plants not native to the region, though there are some problems with this as some listed as SNA are native plants, I prefer the 1998 version that designated exotics with as SE).

Trees and shrubs for your Ecodistrict

- Forest Gene Conservation Network <https://fgca.net>
- **Trees and shrubs for Kitchener** - https://fgca.net/map_pdf/6E-1.pdf
- Species Information TABLE https://fgca.net/wp-content/uploads/Spp_InfoTABLE_2016.pdf
- **Native Plants for the Grand River:** https://www.grandriver.ca/en/our-watershed/resources/Documents/RWQP_Factsheets_NativePlants.pdf

Native Plants Nurseries in Southern Ontario <https://haltonmastergardeners.com/2020/03/28/native-plants-nurseries-in-ontario/>

map <https://www.google.com/maps/d/viewer?hl=en&mid=1dHiK77VTR2EKZxbXoKdTctGGZDVvPqeJ&ll=43.368807491780785%2C-80.20996918046876&z=9>

Credit Valley Conservation: Native Plant Lists: <https://cvc.ca/conversations/document-category/plant-lists/>

Oldham, M. J. and S. R. Brinker. 2009. **Rare Vascular Plants of Ontario**, Fourth Edition. Natural Heritage Information Centre, Ontario Ministry of Natural Resources <https://www.researchgate.net/publication/265000596>

Natural Heritage Resources of Ontario Rare Vascular Plants

Plants for the Rusty Patch Bumblebee: <https://wildlifepreservation.ca/a-flower-patch-for-the-rusty-patched>

Resources from **Doug Tallamy:**

- **Bringing Nature Home** www.bringingnaturehome.net
- World Wildlife: Garden For Wildlife - Episode 7: **Nature's Best Hope with Dr. Doug Tallamy** <https://www.youtube.com/watch?v=iDRGryX1uVI>
- "Insects are the most important group of animals that transfer energy captured by plants to other animals. If you remove insects from an ecosystem, the ecosystem will collapse because so many other creatures depend on insects for food. For example, 96% of all terrestrial birds rear their young on insects. No insects; no baby birds. 90% of all insects that

eat plants require native plants to complete their development.” Fact sheet from presentation by Doug Tallamy <https://extension.umd.edu/sites/extension.umd.edu/files/docs/programs/master-gardeners/Montgomery/Tallamy%20Handout1.pdf>

- **Nature’s Best Hope** A new approach to conservation that starts in every yard Helen Lammers-Helps, Ontario Farmer <https://www.ontariofarmer.com/news/farm-news/natures-best-hope>
- **Pollinators and butterfly garden resources**
- Bee and pollinator books and resources BY **HEATHER HOLM** <https://www.pollinatorsnativeplants.com/plant-lists--posters.html>
- Attracting Pollinators to Your Garden Using Native Plants <https://www.fs.fed.us/wildflowers/pollinators/documents/AttractingPollinatorsV5.pdf>
- Pollinator Plants for the Great Lakes Region, The Xerces Society <https://xerces.org/publications/plant-lists/pollinator-plants-great-lakes-region>
- Optimize Garden Butterflies <https://conservationhalton.ca/optimize-garden-butterflies> (Halton butterfly checklist showing butterfly host plants (also available in Excel format))
- A Landowner’s Guide to Conserving Native Pollinators in Ontario feedthebees.org/wp-content/uploads/2013/03/A-Landowners-Guide-to-Conserving-Native-Pollinators-in-Ontario.pdf

Attracting beneficial bugs and allies - Insectaries:

- **Jessica Walliser - Attracting Beneficial Bugs to Your Garden:** A Natural Approach to Pest Control Paperback –<https://www.jessicawalliser.com/books/attracting-beneficial-bugs-garden-natural-approach-pest-control/>
- Snyder E. Lovejoy. T. 2019 Attract Your Allies: Make Your Garden Inviting to Beneficial Insects. NCSU. <https://caldwell.ces.ncsu.edu/2018/05/attract-your-allies-make-your-garden-inviting-to-beneficial-insects/>
- Methods for Attracting and Preserving Beneficial Insects <https://utahpests.usu.edu/slideshows/ppt/10sh-UPIS-beneficials.pdf>
- Encouraging Beneficial Insects in Your Garden <https://catalog.extension.oregonstate.edu/sites/catalog/files/project/pdf/pnw550.pdf>
- Beneficial Insects, Spiders, and Other Mini-Creatures in Your Garden Who They Are and How to Get Them to Stay whatcom.wsu.edu/gardenshare/documents/Attracting_Beneficials.pdf
- ATTRACTING BENEFICIAL INSECTS <https://hgic.clemson.edu/attracting-beneficial-insects>
- Fiedler, A. Tuell, J. Isaacs, R. Landis, D. 2007. Attracting Beneficial Insects with Native Flowering Plants. Extension Bulletin E-2973. Department of Entomology, Michigan State University <https://ncipmhort.cfans.umn.edu/sites/ncipmhort.cfans.umn.edu/files/2020-05/Attracting%20beneficial%20insects%20with%20flowers.pdf>
- Xerces Society: Hopwood, J., Lee-Mader, E., Morandin, L. Vaughan, M. Kremen, C., Cruz, J. Eckberg, J. Jordan, S. Gill, K. Heidel-Baker, T. Morris, S. 2016. Habitat Planning for Beneficial Insects. Xerces Society for Invertebrate Conservation. http://www.xerces.org/sites/default/files/2018-05/16-020_01_XercesSoc_Habitat-Planning-for-Beneficial-Insects_web.pdf
- USDA: Habitat Development for Beneficial Insects for conservation biological control of agricultural insect pest. BIOLOGY TECHNICAL NOTE NO. 01. U.S. DEPARTMENT OF AGRICULTURE <https://ncipmhort.cfans.umn.edu/sites/ncipmhort.cfans.umn.edu/files/2020-05/habitat%20development%20for%20beneficials.pdf>
- Webinar: Value of Habitat for Pest Management: USDA NRCS EAST NATIONAL TECHNOLOGY SUPPORT CENTER www.conservationwebinars.net/webinars/newest-research-on-the-value-of-habitat-for-pest-management

Soils

- Soils of Canada <https://soilsofcanada.ca>
- Soil Survey Reports for Ontario sis.agr.gc.ca/cansis/publications/surveys/on/index.html
- **SOIL MAP OF YORK COUNTY** sis.agr.gc.ca/cansis/publications/surveys/on/on19/index.html

Invasive species:

- **Invasive Alien Plants in Canada Technical Report:** publications.gc.ca/collections/collection_2008/inspection/A104-74-2008E.pdf
Invasive plants in Canada <https://www.inspection.gc.ca/plant-health/plant-pests-invasive-species/invasive-plants/eng/1306601411551/1306601522570>
- Ontario Invasive Species Centre <https://www.ontarioinvasiveplants.ca/invasive-plants/species/>
- Ontario Invasive Species <http://www.invadingspecies.com>
- Society of Ecological Restoration - SER Ontario Invasive species list. Invasive Exotic Species Ranking for Southern Ontario. © Urban Forest Associates Inc., January 2002. <http://chapter.ser.org/ontario/files/2012/08/exotics.pdf>
- Landowners guide to controlling invasive species: https://www.grandriver.ca/en/our-watershed/resources/Documents/NH_booklet_InvasivePlantControl.pdf
- Turbelin, Anna & Malamud, Bruce & Francis, Robert. (2016). Mapping the global state of invasive alien species: patterns of invasion and policy responses. *Global Ecology and Biogeography*. 26. 10.1111/geb.12517 .

Some more books to browse:

- Roy Diblik - Know Maintenance Gardens
- Thomas Rainer and Claudia West. Planting in a Post-Wild World: Designing Plant Communities for Resilient Landscapes
- Kelly Norris - New Naturalism: Designing and Planting a Resilient, Ecologically Vibrant Home Garden
- Lorraine Johnson - 100 Easy-to-Grow Native Plants for Canadian and The New Ontario Naturalized Garden
- Donald J. Leopold - Native Plants of the Northeast: A Guide for Gardening and Conservation ... so many more but this should get you started.