

A Tailored Herbaria of At-Risk Deciduous Forest Denizens

An Art Project by Donna Sharrett

Supporting Information

Benefits of trees: <https://www.fs.fed.us/learn/trees>

Threats to trees:

1. Climate Change: <http://climatechange.cornell.edu/tools-resources/>

Temperature changes: <https://climate.nasa.gov/vital-signs/global-temperature/>

Rainfall Changes: <https://www3.epa.gov/climatechange/kids/impacts/signs/precip-patterns.html>

2. Deer:

Deer overabundance: <http://www.dec.ny.gov/animals/104911.html>

Deer and Ecosystem Health: http://www.dec.ny.gov/docs/wildlife_pdf/forestimpactshandout.pdf

3. Human Impacts:

A. Introduction of Invasive Species:

NYSDEC Prohibited and Regulated Invasive Plants:

http://www.dec.ny.gov/docs/lands_forests_pdf/isprohibitedplants2.pdf

NIFA Info: <https://nifa.usda.gov/program/invasive-species-program>

Don't Move Firewood: <https://www.dontmovefirewood.org/> & <https://www.entsoc.org/insects-found-nearly-50-retail-firewood>

Earthworms: https://blogs.cornell.edu/cerp/files/2017/11/JumpingWoms_FactSheet-11_15_17-2026fwf.pdf

Stop the Spread of Invasive Species: http://www.dec.ny.gov/docs/lands_forests_pdf/stopspreadtterr.pdf

Plant Wise NY: <https://www.lhprism.org/system/files/documents/NY%20Plantwise%20Brochure.pdf>

B. Tree Cover Loss: <http://www.wri.org/blog/2017/10/global-tree-cover-loss-rose-51-percent-2016>

What to Plant:

Lady Bird Johnson Wildflower: <https://www.wildflower.org/>

Native Plant Center: <http://www.sunywcc.edu/about/npc/>

For all plant choices: Existing conditions, salt tolerance and deer resistance should be considered.

How to Plant and Maintain:

Cornell Tree Planting and Watering Guide: <https://ecommons.cornell.edu/handle/1813/3572>

(Watering Guidelines p. 13 & Table # 4 on p. 17)

Mulching & Pruning: <http://www.state.nj.us/dep/parksandforests/forest/community/Pruning.htm>

Native Species:

New York Flora Atlas: <http://newyork.plantatlas.usf.edu/>

USDA Plant Database: <https://plants.usda.gov/java/>

Pruning: <https://extension.psu.edu/pruning-landscape-trees>

Your planting zone: <http://planthardiness.ars.usda.gov/PHZMWeb/>

Places to visit and learn:

Black Rock Forest Consortium: <http://blackrockforest.org/>

Native Plant Center: <http://www.sunywcc.edu/about/npc/>

Teatown Lake Reservation: <https://www.teatown.org/>

Additional resources:

Development of the Eastern Deciduous Forest:

https://people.ohio.edu/dyer/dyer_2006_bioscience2.pdf

Ethnobotany: <https://www.fs.fed.us/wildflowers/ethnobotany/>

National Park Service: Deciduous Forest: <https://www.nps.gov/im/ncrn/eastern-deciduous-forest.htm>

Phenology: <https://www.usanpn.org/about/why-phenology>

Cool tools:

Value of trees: <http://www.itreetools.org/>

Habitat mapping: <http://content.yardmap.org/>

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