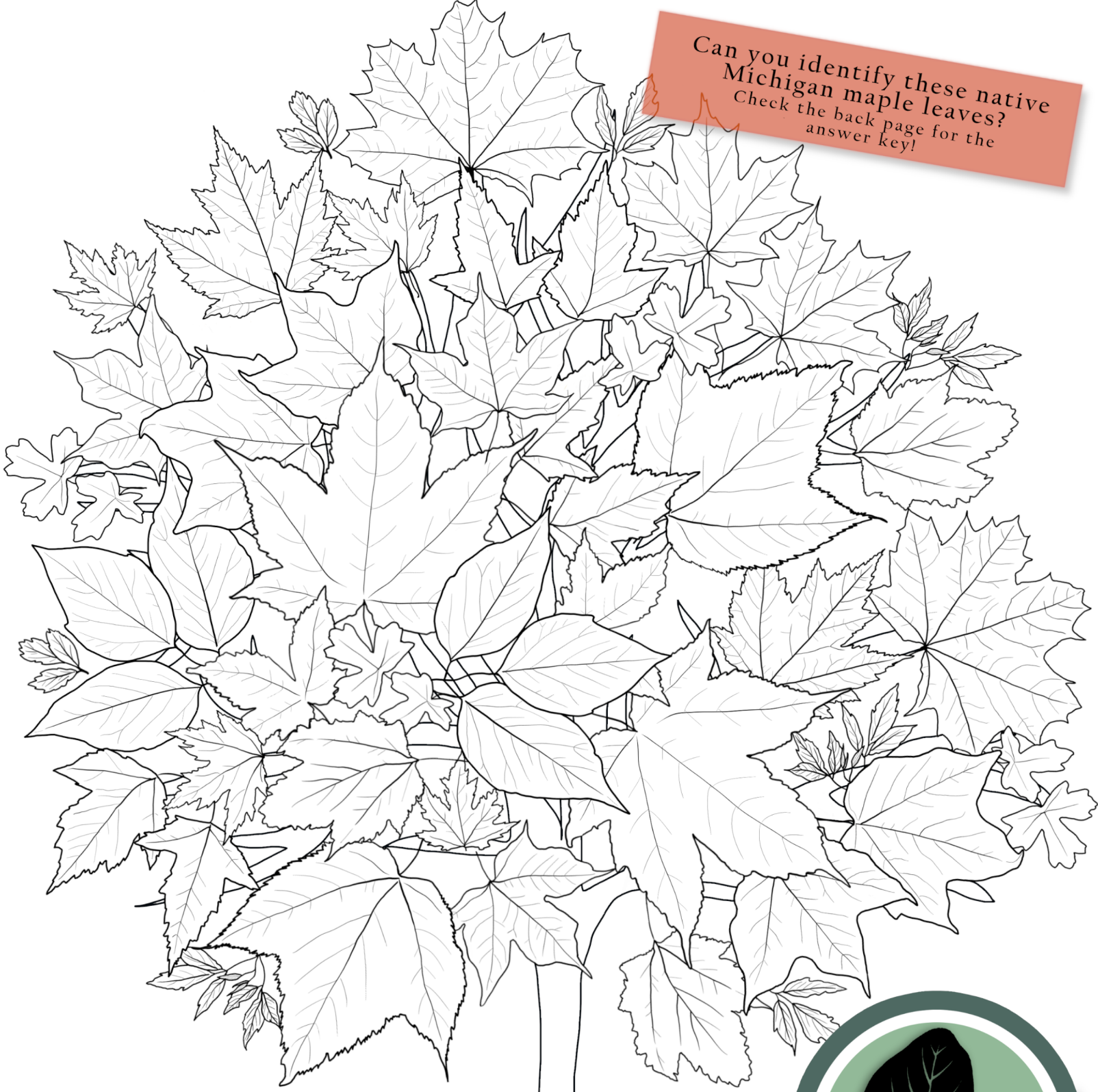


Can you identify these native  
Michigan maple leaves?  
Check the back page for the  
answer key!



# Michigan Trees

Coloring Book



By Celeste Dufour

# About this book

Follow us to keep up to date with the coloring book!



@MSUHerbarium

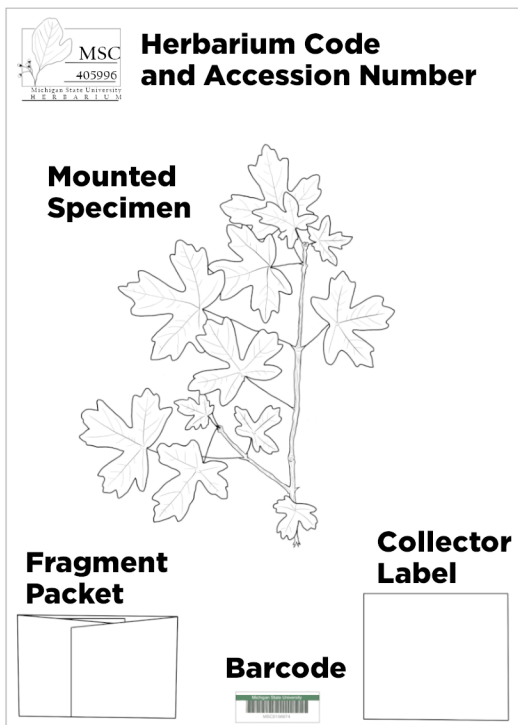


@MSU\_Herbarium

The Michigan Trees Coloring Book is a Facebook and Twitter interactive coloring experience that puts your investigative and plant identification skills to the test. Starting January 23rd and ending April 3rd, 2021, each week a new plant specimen coloring page will be released on our social media for you to print, color, match a label to, and add to your own herbarium "collection" book!

You can find tips and tricks for ways to assemble your book on our website at: <https://herbarium.natsci.msu.edu/outreach/coloring-books>

# What is a plant specimen?



Most herbarium specimens are plants that have been dried, flattened, and glued to heavy archival paper. Important identifying information is included on the archival paper, such as the collector label, the herbarium stamp with accession number and herbarium code and, occasionally, a barcode.

**Collector Label:** Includes specific details about the specimen, such as species identification, name of the collector and their personal collection number, the date and location of collection, and habitat.

**Barcode:** Links the physical herbarium specimen to the data recorded in our online database.

**Herbarium Code:** Indicates the Herbarium collection that the specimen is a part of. The MSU Herbarium code is "MSC".

**Accession Number:** Uniquely identifies each specimen that is a part of the Herbarium's collection.

**Fragment Packet:** Contains small pieces of the specimen that have fallen off during handling.

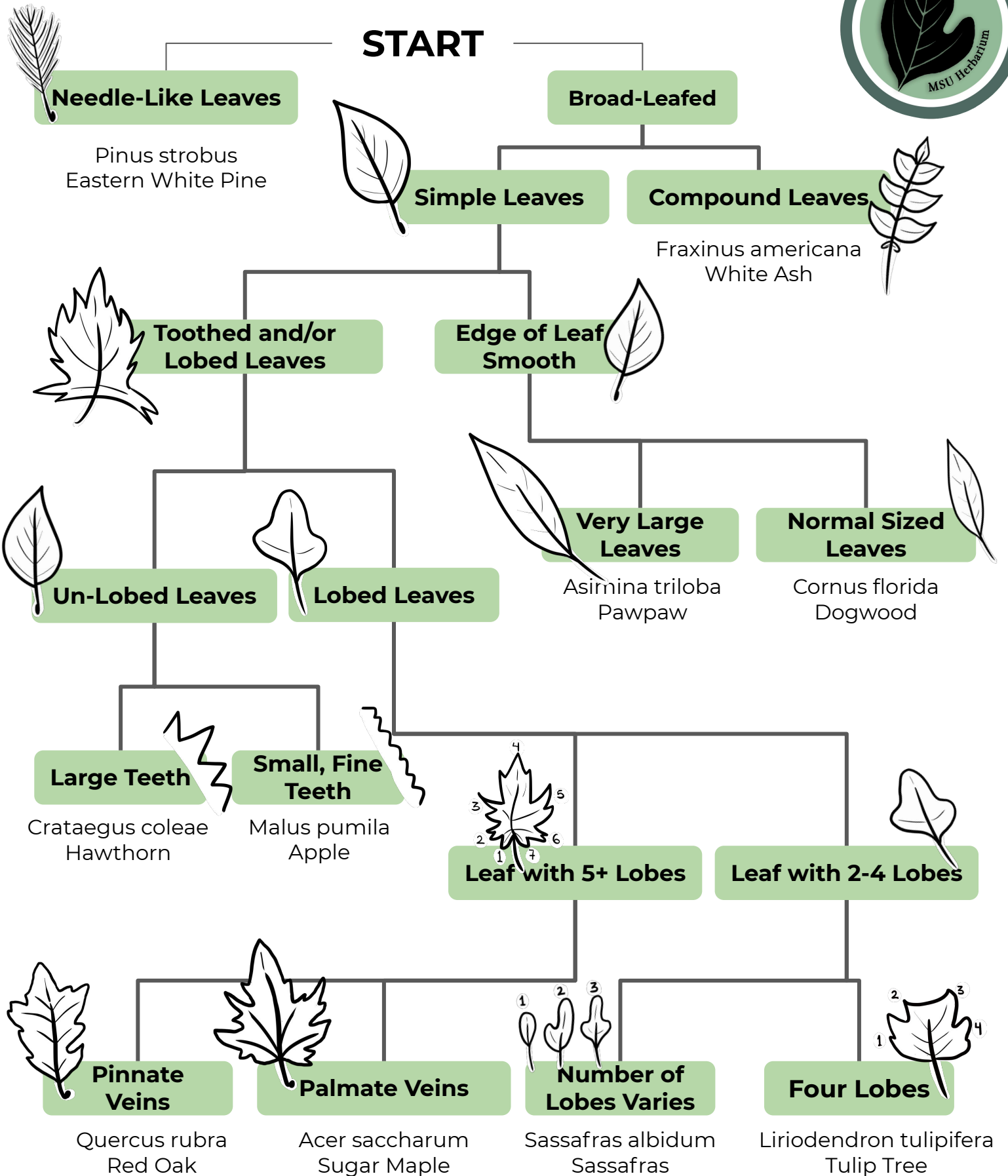
# What is an herbarium?

Herbaria are libraries of preserved plants, fungi, and algae specimens, rich with biodiversity and history of earth's flora over time. While the main function of herbaria is to document biodiversity, they do many other things, acting as a valuable resource for scientific research, education, and community outreach.



Storage of herbarium specimens in the MSU Herbarium's compactor system.

# Michigan Trees Coloring Book Specimen Key



## Definitions

**Pinnate:** Veins come out from multiple points on central vein  
**Palmate:** Veins come out from one central point  
**Compound Leaf:** Distinct parts (leaflets) joined together on a single stem  
**Simple Leaf:** Single leaf never divided into leaflet units

**FLORA OF MICHIGAN**

*Acer saccharum*

Common name: Sugar maple

Fun fact:



Collector:

Date:

**FLORA OF MICHIGAN**

*Asimina triloba*

Common name: Pawpaw

Fun fact:



Collector:

Date:

**FLORA OF MICHIGAN**

*Crataegus coleae*

Common name: Cole's hawthorn

Fun fact:



Collector:

Date:

**FLORA OF MICHIGAN**

*Sassafras albidum*

Common name: Sassafras

Fun fact:



Collector:

Date:

**FLORA OF MICHIGAN**

*Fraxinus americana*

Common name: White ash

Fun fact:



Collector:

Date:

**FLORA OF MICHIGAN**

*Pinus strobus*

Common name: Eastern white pine

Fun fact:



Collector:

Date:

**FLORA OF MICHIGAN**

*Liriodendron tulipifera*

Common name: Tulip tree

Fun fact:



Collector:

Date:

**FLORA OF MICHIGAN**

*Cornus florida*

Common name: Flowering dogwood

Fun fact:



Collector:

Date:

**FLORA OF MICHIGAN**

*Quercus rubra*

Common name: Northern red oak

Fun fact:



Collector:

Date:

**FLORA OF MICHIGAN**

*Malus pumila*

Common name: Paradise apple

Fun fact:

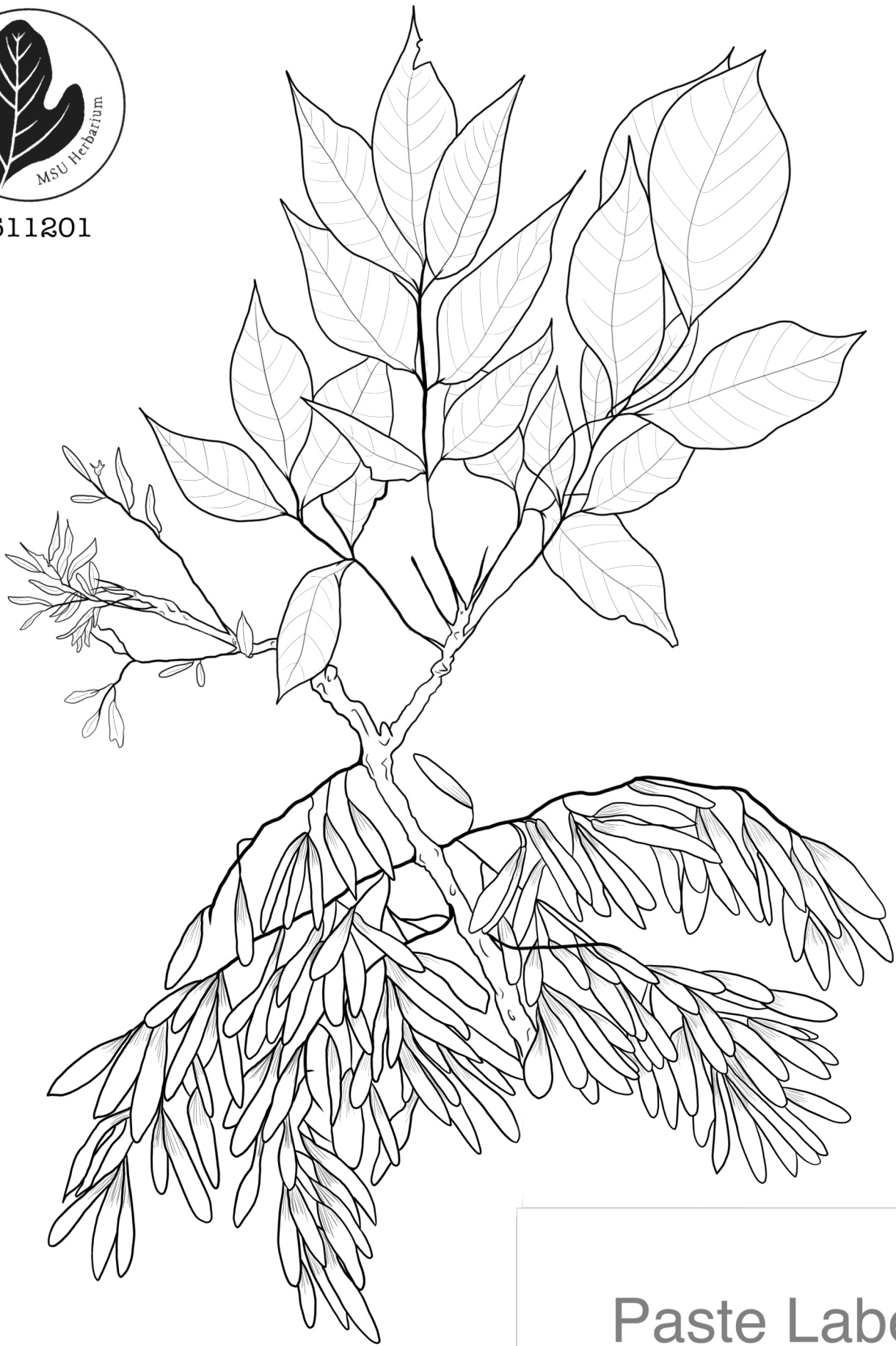


Collector:

Date:



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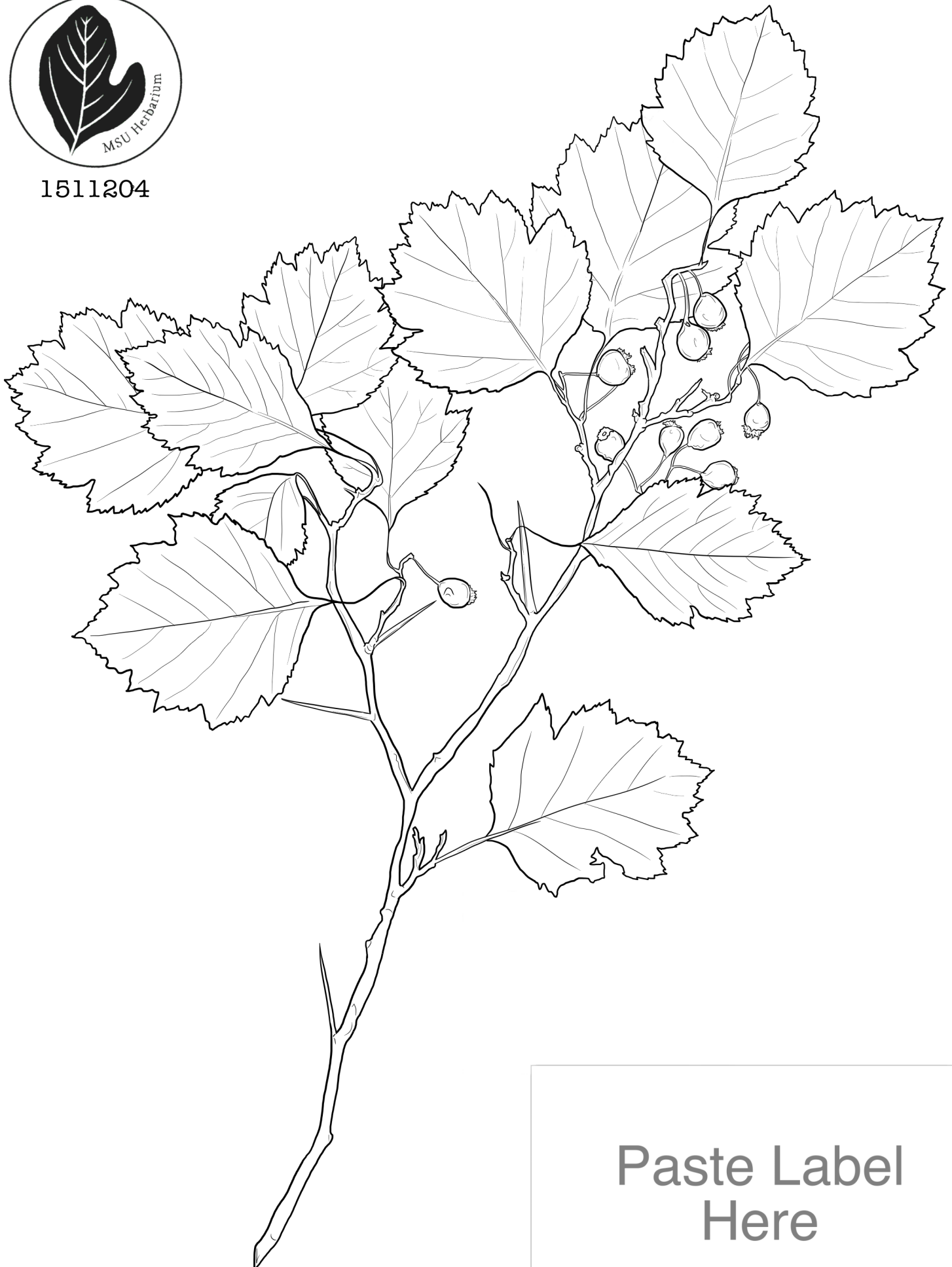


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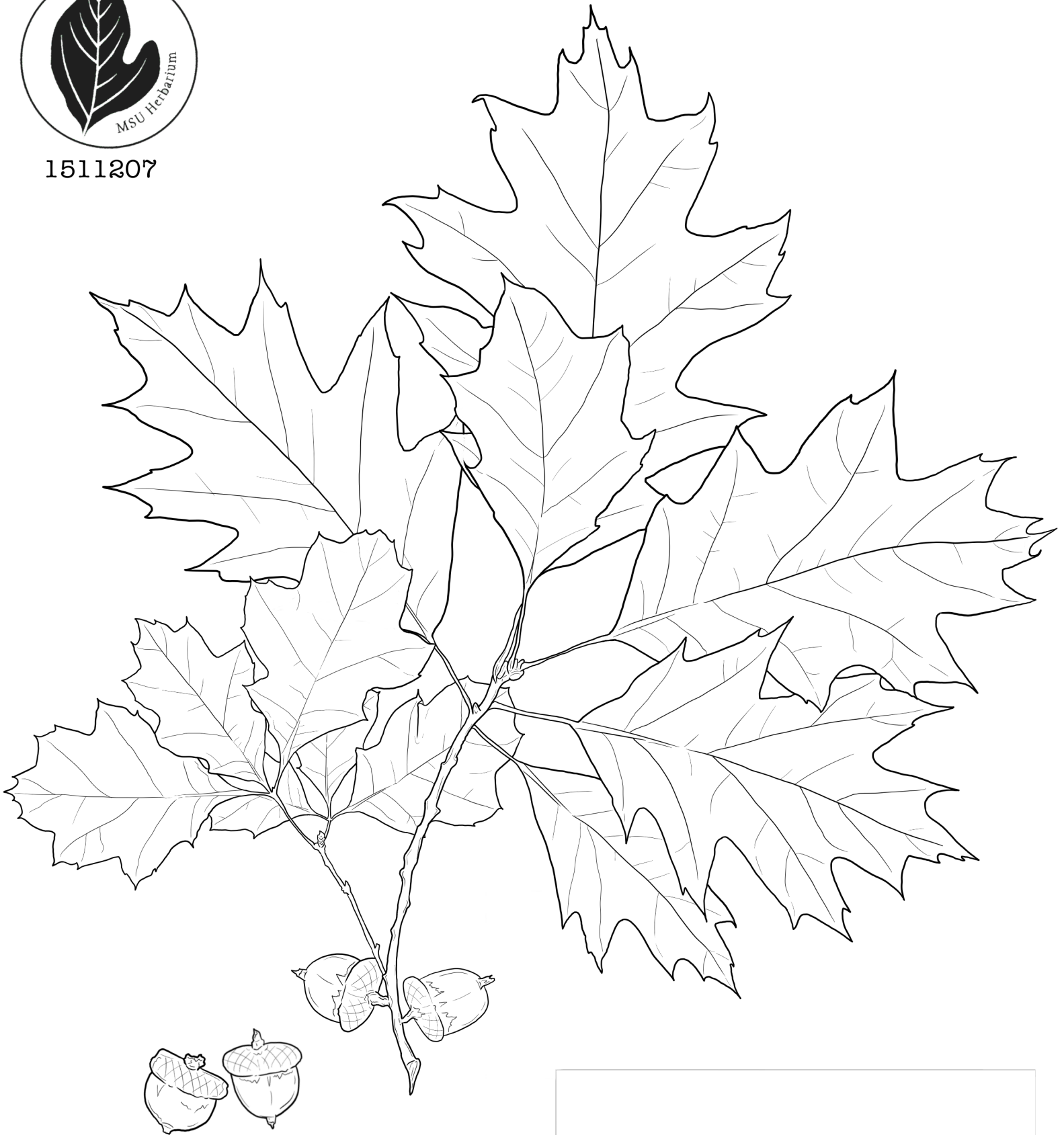


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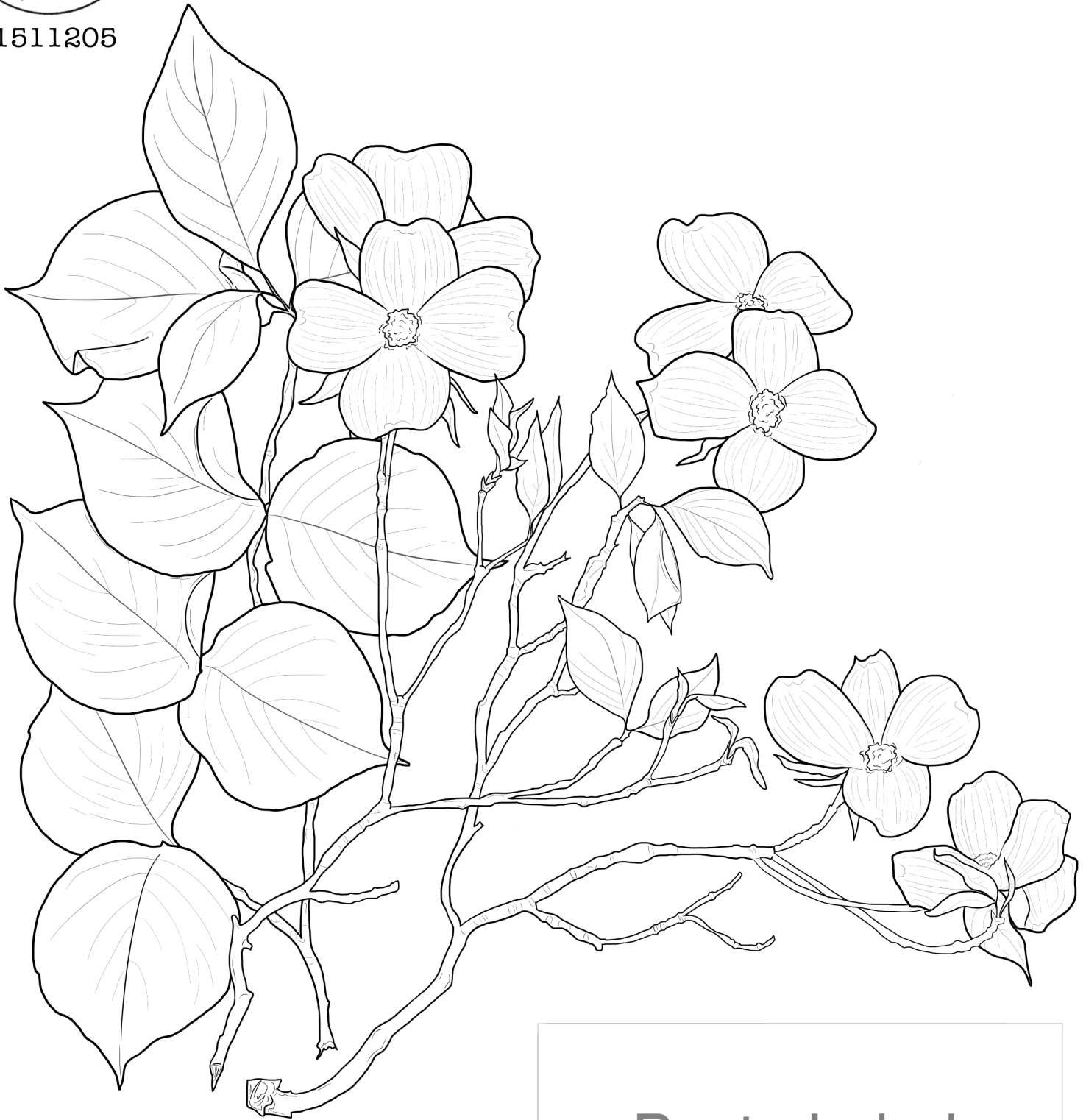


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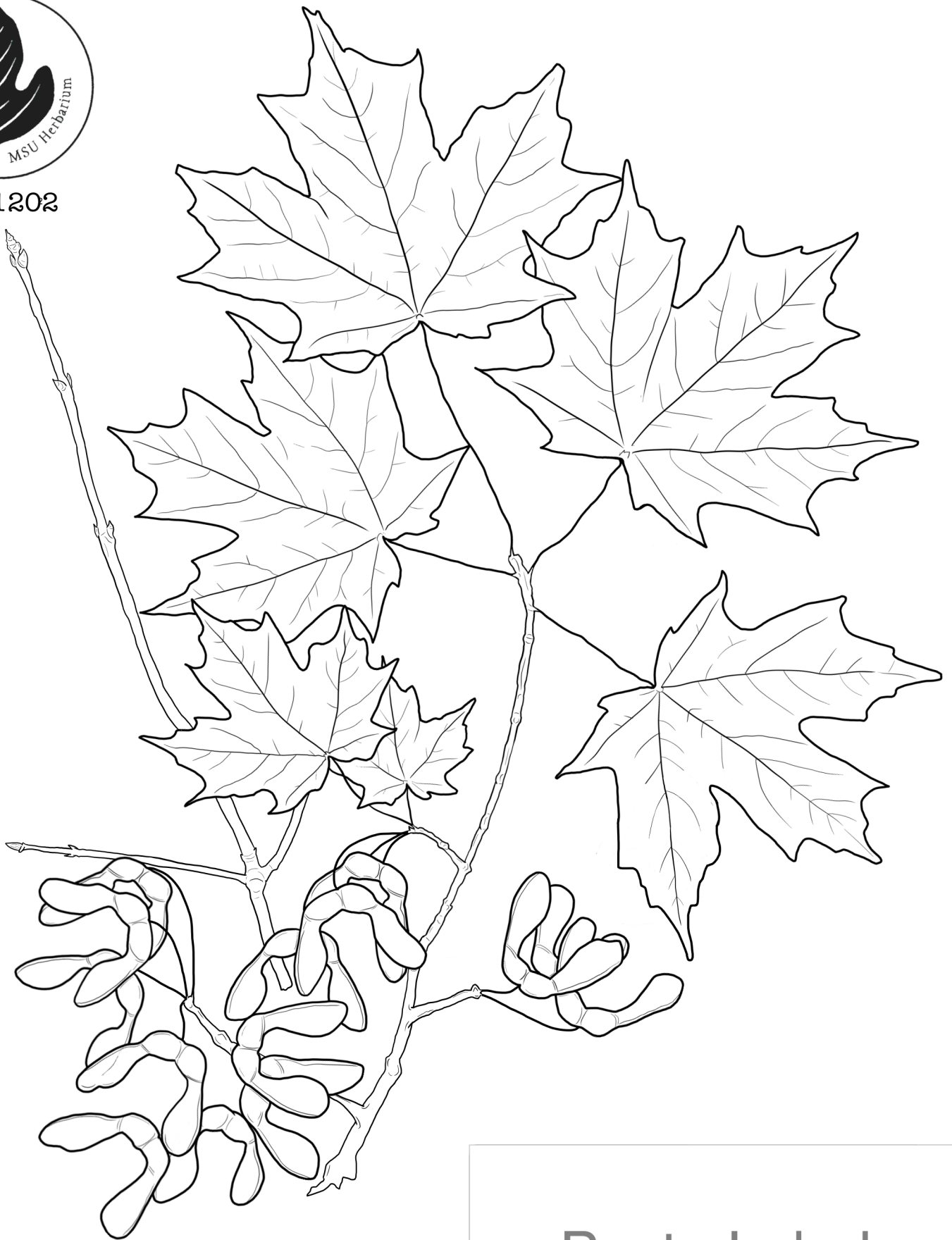
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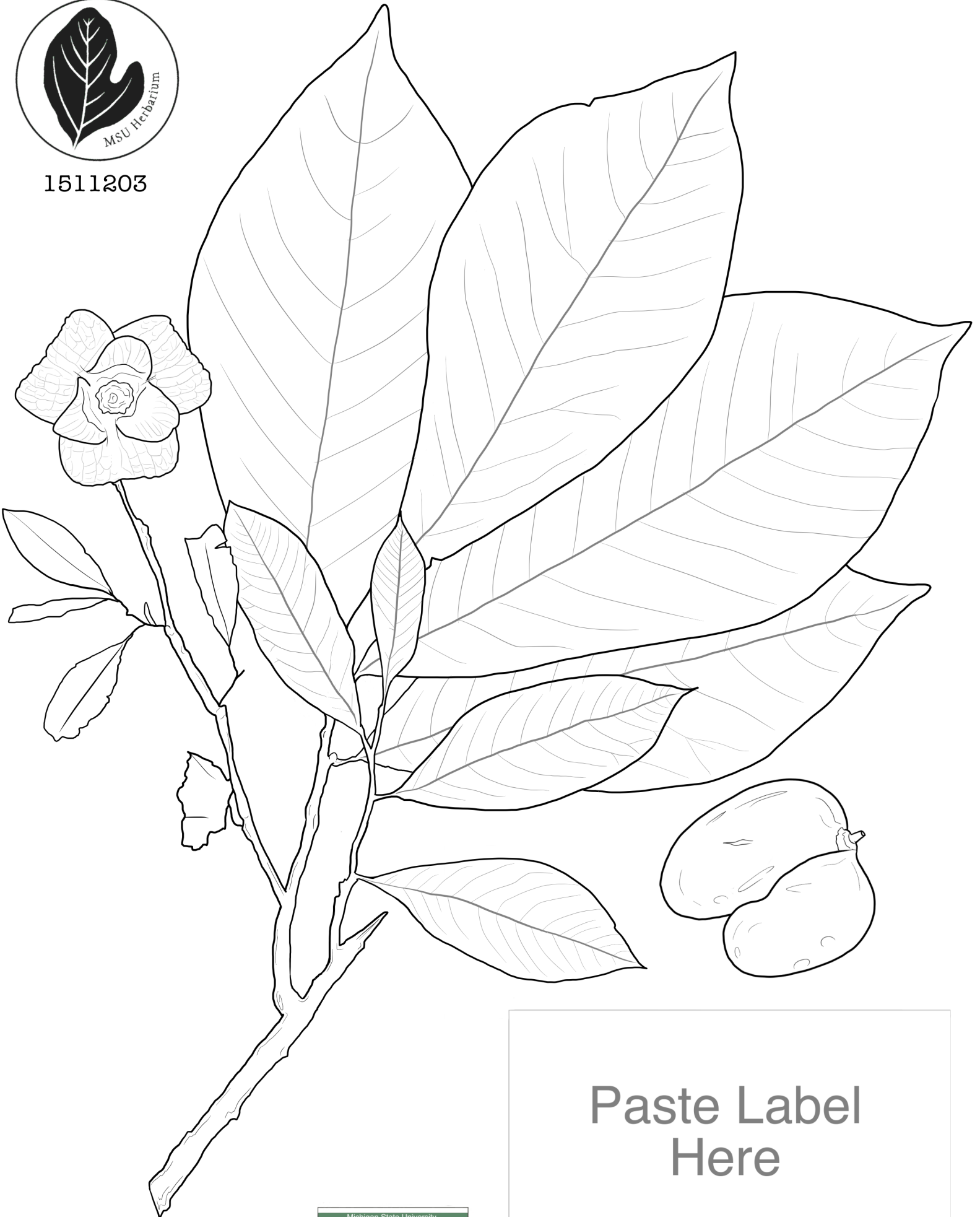


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1511209

Created by Celeste Dufour  
<https://herbarium.natsci.msu.edu/>



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# About the author



**Celeste Dufour**

## ...and the making of Michigan Trees

I'm Celeste Dufour, a 3rd year Biochemistry/Biotechnology student at Michigan State University and intern at the MSU Herbarium. I have been interested in digital art and design for many years. When I started at the Herbarium in September of 2019, I was drawn to the aesthetic value of plants and wanted to find ways to use the MSU Herbarium's specimens as art. I completed some smaller projects that merged art and botany and also spent many hours on digitization projects; these both helped me learn how to work with specimens as digital media.

COVID-19 meant our outreach at the MSU Herbarium had to grow in new ways to accommodate virtual learning, instead of the usual in-person events or tours. It also meant that my previous project to create displays for the Herbarium was not as worthwhile, given we couldn't have visitors. Fall 2020 I brainstormed new project ideas that incorporated both specimens as art and our social media. This led to the coloring book Michigan Trees!

I thoroughly enjoyed creating this book and getting to flex my creative muscles through the whole process by working with and learning about a wide variety of specimens. I hope those who put this book together and color in the pages, or color in even just a single page, not only find enjoyment in it, but also feel inspired to learn about and appreciate herbaria, the specimens they contain, and some of Michigan's wonderful native trees.

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# Thank you

A great big thank you goes out to all who have helped move this project along smoothly by providing support, advice, and assistance.

Thank you to Dr. Alan Prather, Matt Chansler and Ben Mitchell at the MSU Herbarium, and you, for making these specimens your own.

*Acer ginnala*



*Acer campestre*



*Acer saccharinum*



*Acer spicatum*



*Acer negundo*



*Acer rubrum*

*Acer nigrum*



*Acer plantanoides*



*Acer pensylvanicum*



*Acer pseudo-platanus*



*Acer saccharum*



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