



# Getting Started with Kansas Mosses

Brad Williamson  
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[www.bradwilliamson.net](http://www.bradwilliamson.net)

A close-up, top-down view of a lush, dense carpet of bright green moss. The moss consists of numerous small, pointed, leaf-like structures that create a textured, repetitive pattern across the entire frame. The lighting is even, highlighting the vibrant green color of the moss. Overlaid in the center of the image is the text "Introduction and Goals for Tonight" in a clean, white, sans-serif font.

# Introduction and Goals for Tonight



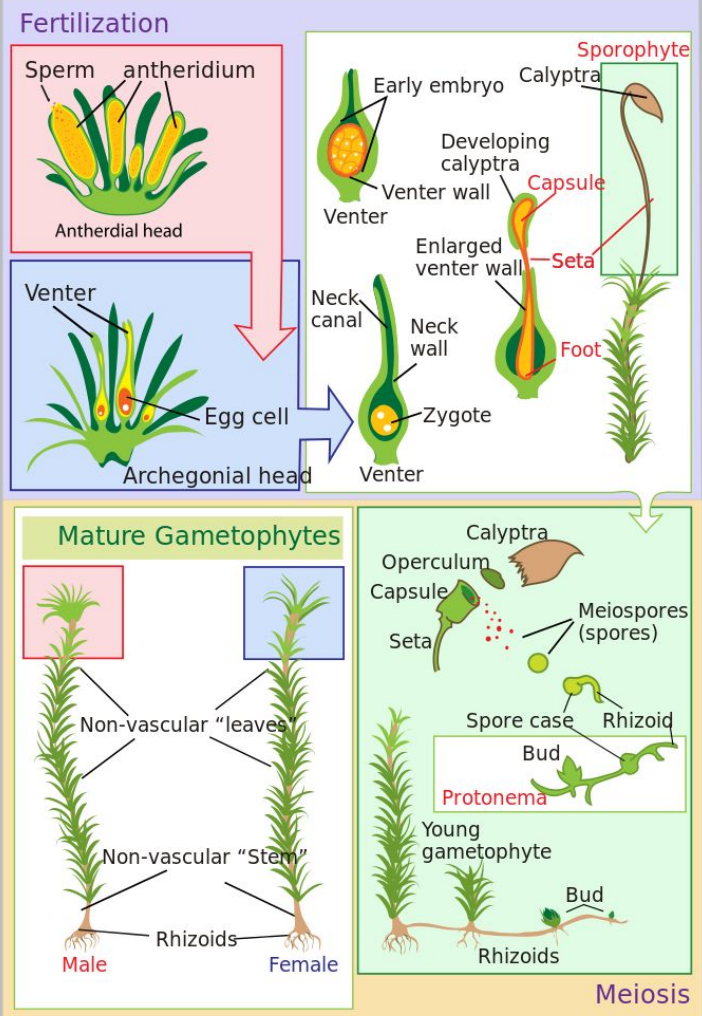
**Beginner's Mind**  
*(Shoshin)*

**Do I need to know the name of this moss?**

**Let's go forward in small steps.**

**Consider targeting specific mosses in your journey.**

# Moss Life Cycle





# Questions to ask your moss

Environment that the moss is growing in?

Neighbors/communities of mosses?

Substrate?

Growth Form? Size?

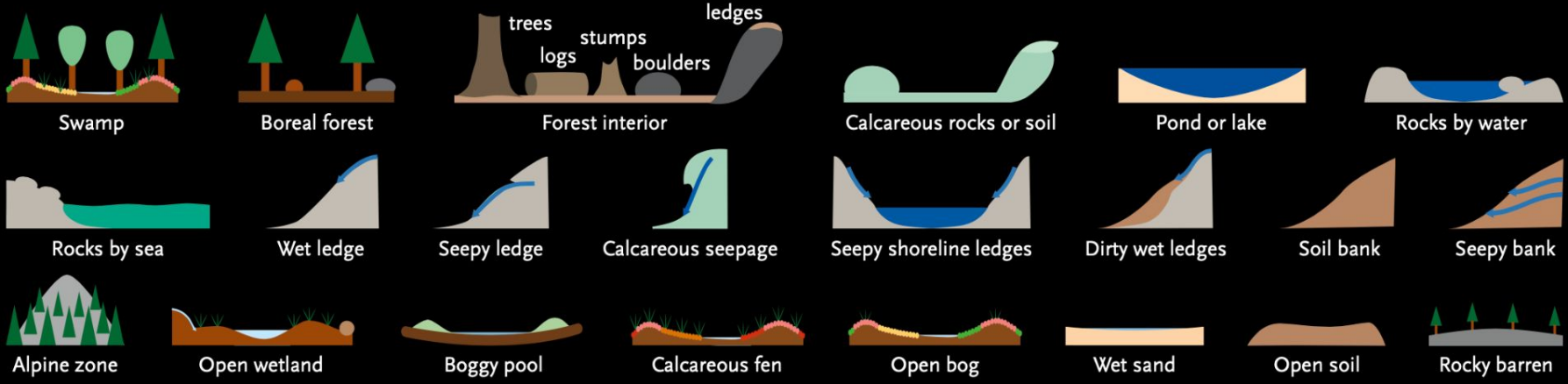
Reproductive stage? Capsules/sporophytes/gemmae?

Leaf Characters?

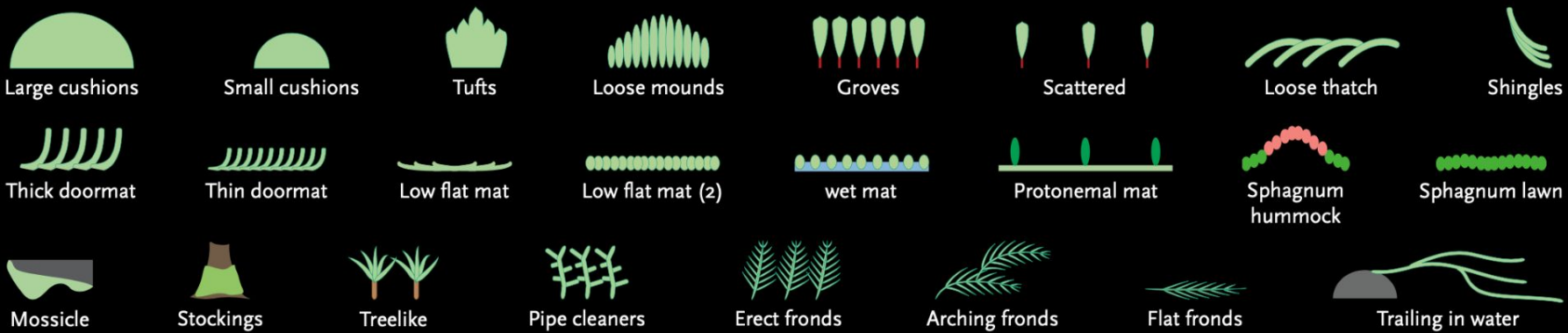
What mosses are found in this area?

Dried or hydrated?—there is a big difference

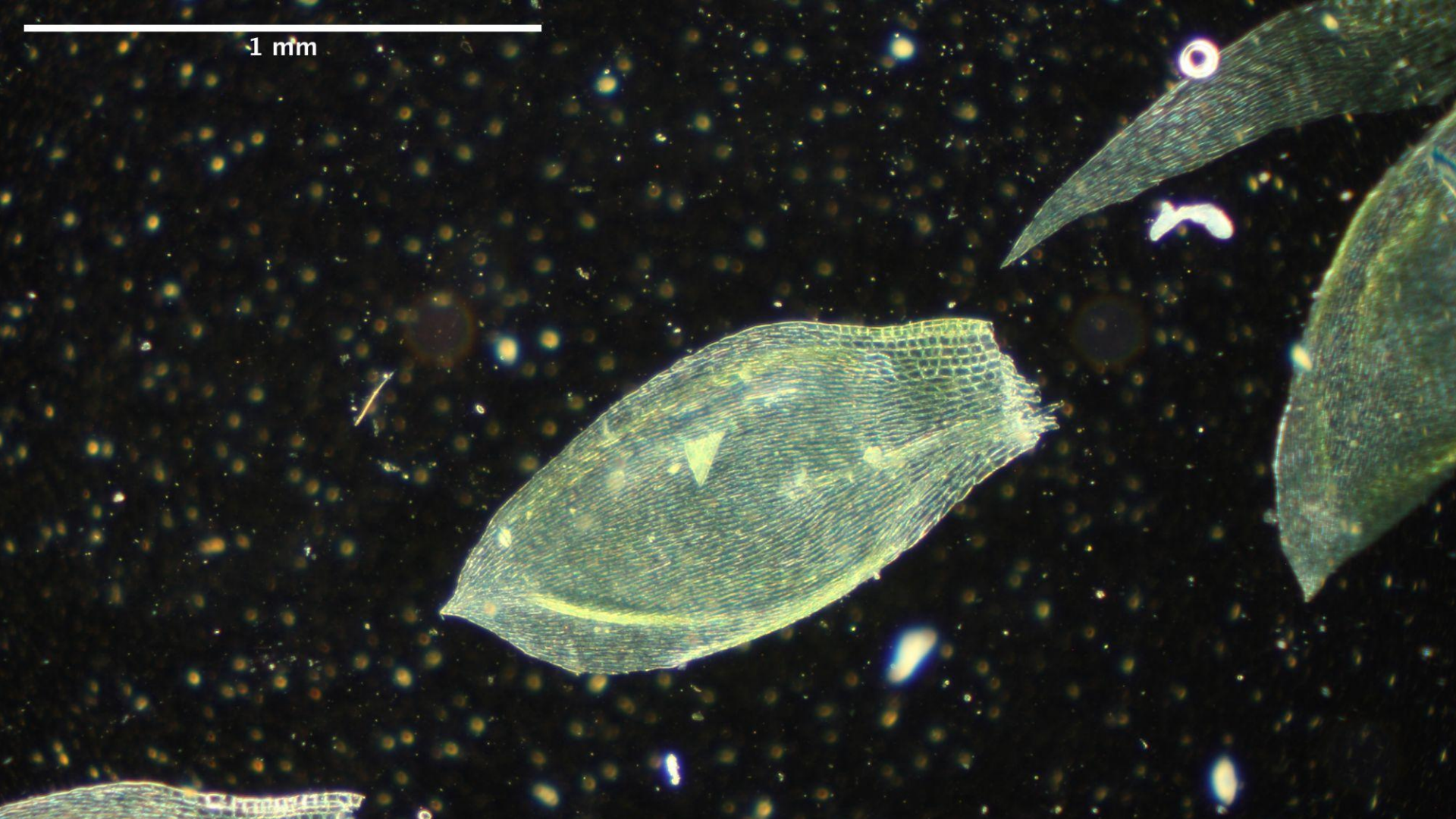
HABITATS



GROWTH FORMS

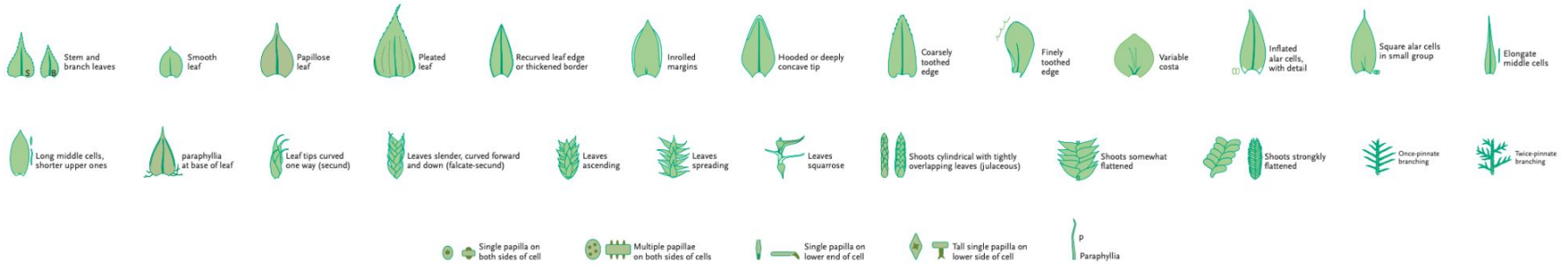


1 mm



# MOSS GENERA OF THE NORTHERN FOREST • CHART 2 • PLEUROCARPUS

## JERRY JENKINS, 2016



A product of the  
Northern Forest Atlas Project  
and the  
Wildlife Conservation Society  
Adirondack Program



Adapted from Jenkins, 2006, *Graphic Guide to Northeastern Mosses*.

© NORTHERN FOREST ATLAS FOUNDATION, 2016. PROVIDED FOR EDUCATIONAL AND NONCOMMERCIAL USE ONLY.

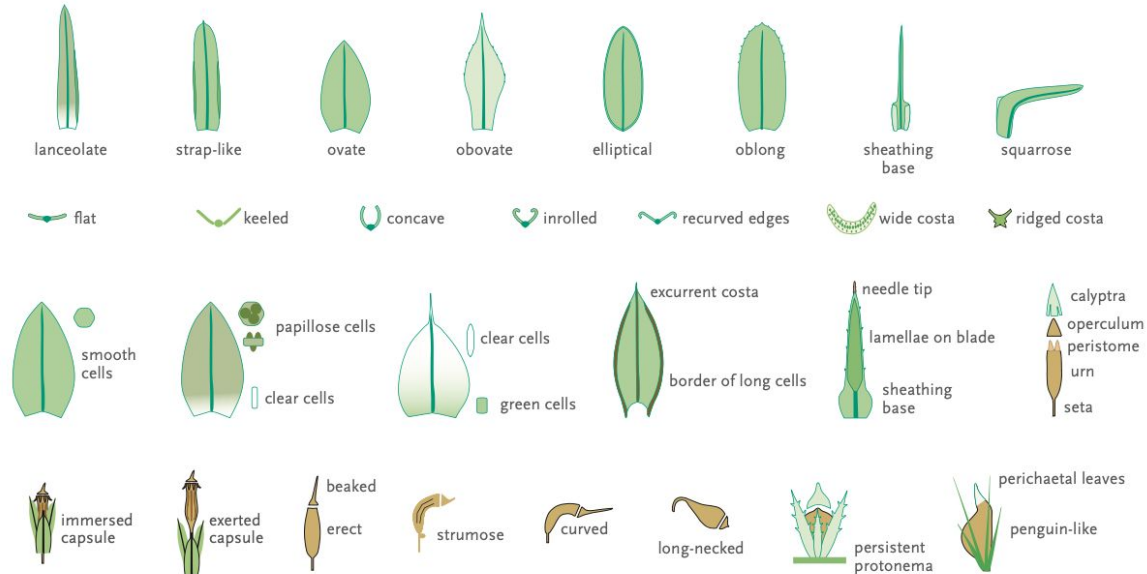




# MOSS GENERA OF THE NORTHERN FOREST

## CHART 1: ACROCARPS

JERRY JENKINS, 2016



A product of the  
Northern Forest Atlas Project  
and the  
Wildlife Conservation Society  
Adirondack Program



# CONSORTIUM OF BRYOPHYTE HERBARIA

- building a Consortium of Bryophytes and Lichens as keystones of cryptobiotic communities -



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Search Collections

Map Search

TI Exsiccatae

Dynamic Species List

Dynamic Identification Key

Taxonomic Explorer

phyte Herbaria serves as gateway to plant biodiversity data for mosses, The aim of the Consortium is to unite bryophyte specimen records from personal collections and research observations, and serve as a gateway to the public. The Consortium began with a focus on North American herbaria to join the Consortium to share specimen records with the international research community via this platform. We currently serve the data through an English and Spanish language interface; a French version is in development.

We offer tools to locate, access and work with a variety of data, including specimen records, field observations, dynamic and static checklists, images, interactive keys, and a taxonomic thesaurus. If you are new to the site, please [create an account](#). Contact us if you are interested in contributing, either as individual user or as a collection manager of an institution that would like to join: [BryophyteConsortium@gmail.com](mailto:BryophyteConsortium@gmail.com). Previously-created accounts in CNABH will continue to function.

Search Taxon

Search



*Ulota crispata*. Image by: Charles DeLavoie.

HIDE CAPTION



[more detail](#)

Families: 17  
Genera: 25  
Species: 28  
Total Taxa: 28

Page 1 of 1: 1

**AMBLYSTEGIACEAE**

*Amblystegium serpens*  
*Hygroamblystegium varium*

**ANOMODONTACEAE**

*Anomodon minor*

**BRACHYTHECIACEAE**

*Brachythecium acuminatum*  
*Brachythecium albicans*  
*Brachythecium laetum*  
*Claopodium rostratum*  
*Oxyrrhynchium hians*  
*Rhynchostegium serrulatum*

**BRYACEAE**

*Bryum argenteum*  
*Ptychostomum pallescens*

**DICRANELLACEAE**

*Dicranella varia*

**DITRICHACEAE**

*Ceratodon purpureus*

**ENTODONTACEAE**

*Entodon cladorrhizans*

**FISSIDENTACEAE**

*Fissidens subbasilaris*

**FUNARIACEAE**

*Funaria hygrometrica*  
*Physcomitrium eurystomum*  
*Physcomitrium pyriforme*

**LESKEACEAE**

*Leskea gracilscens*  
*Lindbergia brachyptera*

**MNIACEAE**

*Pleurozium cuspidatum*

**NECKERACEAE**

*Pseudanomodon attenuatus*

**ORTHOTRICHACEAE**

*Orthotrichum pumilum*

**POTTIACEAE**

*Syntrichia laevipila*  
*Weissia controversa*

**PYLAIACEAE**

*Homomallium adnatum*

**PYLAIADIAPHACEAE**

*Platygyrium repens*

**THELIAEAE**

*Thelia asprella*

# Johnson County

38.88458 -94.80076 within 25 km *Games*

[more detail](#)

Families: 17

Genera: 25

Species: 28

Total Taxa: 28

Page 1 of 1: 1

**AMBLYSTEGIACEAE**

*Amblystegium serpens*  
*Hygroamblystegium varium*

**ANOMODONTACEAE**

*Anomodon minor*

**BRACHYTHECIACEAE**

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*Brachythecium albicans*  
*Brachythecium laetum*  
*Claopodium rostratum*  
*Oxyrrhynchium hians*  
*Rhynchostegium serrulatum*

**BRYACEAE**

38.79142 -95.17018 within 25 km *Games*

[more detail](#)

Families: 33  
Genera: 61  
Species: 94  
Total Taxa: 94

Page 1 of 1: 1

#### AMBLYSTEGIACEAE

*Amblystegium serpens*  
*Campyllum chrysophyllum*  
*Hygroamblystegium varium*  
*Leptodictyum riparium*

#### ANOMODONTACEAE

*Anomodon minor*

#### AULACOMNIACEAE

*Aulacomnium heterostichum*

#### BARTRAMIACEAE

*Bartramia pomiformis*  
*Philonotis longiseta*  
*Philonotis marchica*

#### BRACHYTHECIACEAE

*Brachythecium acuminatum*  
*Brachythecium laetum*  
*Bryoandersonia illecebra*  
*Cladopodium rostratum*  
*Koponeniella graminicolor*  
*Oxyrrhynchium hians*  
*Rhynchostegium serrulatum*

#### BRUCHIACEAE

*Bruchia flexuosa*

#### BRYACEAE

*Bryum argenteum*  
*Gemmabryum caespitium*  
*Ptychostomum creberrimum*  
*Ptychostomum pseudotriquetrum*  
*Rhodobryum ontariense*  
*Rhodobryum roseum*

#### CLIMACIACEAE

*Climacium americanum*

#### DICRANACEAE

*Dicranum condensatum*  
*Dicranum scoparium*

#### DICRANELLACEAE

*Dicranella heteromalla*  
*Dicranella varia*

#### DIPHYSGIACEAE

*Diphygium foliosum*

#### DITRICHACEAE

*Ceratodon purpureus*  
*Ditrichum pallidum*  
*Pleuroidium subulatum*

#### ENTODONTACEAE

*Entodon cladorrhizans*  
*Entodon seductrix*

#### FABRONIACEAE

*Fabronia ciliaris*

#### FISSIDENTACEAE

*Fissidens bryoides*  
*Fissidens dubius*  
*Fissidens minutulus*  
*Fissidens obtusifolius*  
*Fissidens taxifolius*

#### FONTINALACEAE

*Fontinalis hypnoides*  
*Fontinalis sphagnifolia*  
*Fontinalis sullivantii*

#### FUNARIACEAE

*Funaria flavicans*  
*Funaria hygrometrica*  
*Physcomitrium eury stomum*  
*Physcomitrium pyriforme*  
*Physcomitrium serratum*  
*Pyramidula tetragona*

#### GRIMMIACEAE

*Grimmia laevigata*  
*Schistidium agassizii*  
*Schistidium apocarpum*

#### HEDWIGIACEAE

*Hedwigia ciliata*

#### HYPNACEAE

*Taxiphyllum deplanatum*  
*Taxiphyllum taxirameum*

#### LESKEACEAE

*Haplocladium virginianum*  
*Leskea graciliscens*  
*Leskea obscura*  
*Leskea polycarpa*  
*Lindbergia brachyptera*

#### LEUCOBRYACEAE

*Leucobryum glaucum*

#### MNIACEAE

*Plagiomnium affine*  
*Plagiomnium ciliare*  
*Plagiomnium cuspidatum*  
*Pohlia nutans*  
*Pohlia wahlenbergii*

#### NECKERACEAE

*Pseudanomodon attenuatus*

#### ORTHOTRICHACEAE

*Orthotrichum diaphanum*  
*Orthotrichum pumilum*  
*Orthotrichum pusillum*

#### POLYTRICHACEAE

*Atrichum altecristatum*  
*Atrichum angustatum*  
*Atrichum crispulum*  
*Atrichum undulatum*  
*Pogonatum brachyphyllum*  
*Pogonatum pensilvanicum*  
*Polytrichastrum ohioense*  
*Polytrichum commune*  
*Polytrichum juniperinum*

#### POTTIACEAE

*Barbula unguiculata*  
*Hyophila involuta*  
*Syntrichia laevipila*  
*Tortula acaulon*  
*Tortula obtusifolia*  
*Weissia controversa*  
*Weissia muhlenbergiana*

#### PYLAISIACEAE

*Homomallium adnatum*

#### PYLAISIADELPHACEAE

*Platygyrium repens*

#### SEMATOPHYLLACEAE

*Brittonodoxa subpinnata*  
*Sematophyllum demissum*

#### THELIACEAE

*Thelia asprella*  
*Thelia lescurii*

#### THUIDIACEAE

*Thuidium delicatulum*

#### TIMMIACEAE

*Timmia megapolitana*

# Southern Douglas County

38.79142 -95.17018 within 25 km *Games*

[more detail](#)

Families: 33

Genera: 61

Species: 94

Total Taxa: 94

Page 1 of 1: 1

#### AMBLYSTEGIACEAE

*Amblystegium serpens*  
*Campyllum chrysophyllum*  
*Hygroamblystegium varium*  
*Leptodictyum riparium*

#### ANOMODONTACEAE

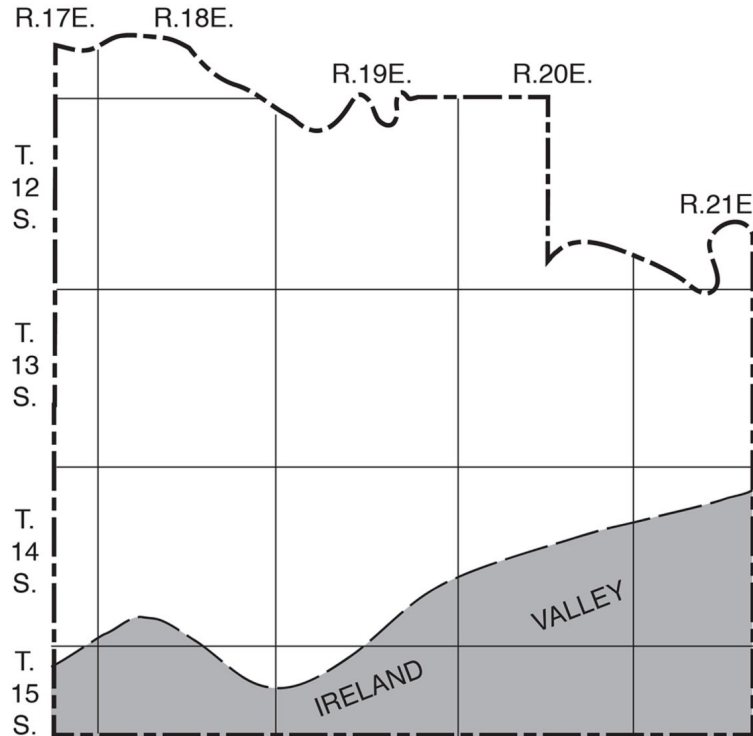
*Anomodon minor*

#### AULACOMNIACEAE

*Aulacomnium heterostichum*

# Why the difference?

**Figure 5.**--Generalized map of Douglas County showing location of ancient valley in which Ireland Sandstone member of Lawrence Shale was deposited.



<https://www.kgs.ku.edu/General/Geology/Douglas/index.html>

## Let's Question some Moss (30 minutes)

- 10 or so moss specimens in numbered plastic containers
- Images from the collection sites for each numbered moss are at [www.bradwilliamson.net](http://www.bradwilliamson.net)
- See if you can find answers to some of the earlier suggested questions for mosses you chose. You'll need your hand lens, your notebook and a measuring device.
- Discuss with partners and other groups.
- These questions can guide our search for the mosses identities and unlock moss stories.

# Moss Genera

Platygyrium

Entodon seductrix

Weissia

Bryum

Anomodon minor

Pseudoanomodon attenuatus

Fissidens

Funaria

Plagiomnium

Orthotrichum

Syntrichia

Leafy liverwort (possibly Frullania)





**Where do we go from here?**

**Maybe a bit of Citizen Science**

**or**

**Maybe a bit of JoCo MasterNaturalist service**



**Citizen Science**

**iNaturalist: Kansas Bryophyte Project Page**

Protocol Note | [Open Access](#) |

## iNaturalist as a tool to expand the research value of museum specimens

J. Mason Heberling Bonnie L. Isaac

First published: 07 November 2018 | <https://doi-org.www2.lib.ku.edu/10.1002/aps3.1193> | Citations: 50

[Get at KU](#)

SECTIONS

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### Abstract

#### Premise of the Study

Innovative approaches to specimen collection and curation are needed to maximize the utility of natural history collections in a new era of data use. Associated data, such as digital images from the field, are routinely collected with recent herbarium specimens. However, these data often remain inaccessible and are rarely curated alongside the associated physical specimens, which limits future data use.

#### Methods and Results

We leveraged the widely used citizen science platform, iNaturalist, to permanently associate field-collected data to herbarium specimens, including information not well preserved in traditional specimens. This protocol improves the efficiency and accuracy of all steps from the collecting event to specimen curation and enhances the potential uses of specimens.

#### Conclusions

iNaturalist provides a standardized and cost-efficient enhancement to specimen collection and curation that can be easily adapted for specific research goals or other collection types beyond herbaria.



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e01193

This article also appears in:  
Celebrating 10 Years of  
*Applications in Plant Sciences*  
Low-Cost Methods in the Plant  
Sciences Virtual Issue  
Plants Day Collection

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**Using Design of Experiments (DOE) to Optimize and Innovate**  
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Supporting	Mentioning	Contrasting
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Figures References Related Information

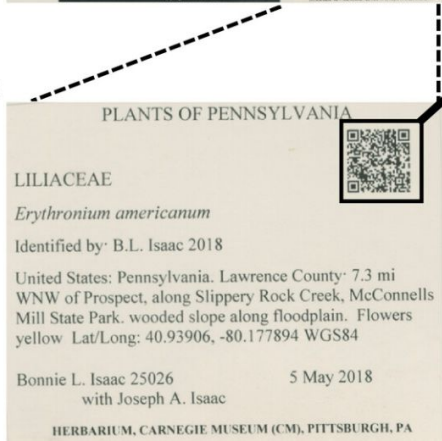
#### Recommended

**A born-digital field-to-database solution for collections-based research using**

A



B



C

inaturalist.org

Explore Community More

## Yellow Trout Lily (*Erythronium americanum*) Research Grade

huntingbon  
66 observations

Observed: May 5, 2018 - 2:06 PM EDT  
Submitted: Jun 26, 2018 - 8:43 AM EDT

Map Satellite  
Lawrence County, PA, USA

### Activity

- huntingbon suggested an ID Improving 1mo  
Yellow Trout Lily  
*Erythronium americanum*
- johnwampler suggested an ID 1mo  
Yellow Trout Lily  
*Erythronium americanum*
- jmheberling suggested an ID 10m  
Yellow Trout Lily  
*Erythronium americanum*

Comment Suggest an Identification

### Community ID

Yellow Trout Lily (*Erythronium americanum*)  
Cumulative IDs: 3 of 3

0 2/3rds 3

Agree About

### Annotations (1)

Attribute	Value	Agree	Disagree
Plant Phenology	Flowering		
Plant Phenology	Select		

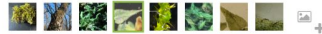
### Projects (2)

- Carnegie Museum Herbarium Observation Fields

# Lindberg's Maple-Moss (*Lindbergia brachyptera*)

Research Grade

Edit



ksbioteacher

🌿 108 observations

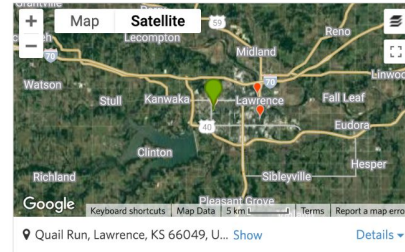


Observed:

Sep 5, 2021 - 10:35 PM UTC

Submitted:

Jan 19, 2022 - 3:40 PM CST



📍 Quail Run, Lawrence, KS 66049, U... [Show](#)

[Details](#)

☆ Be the first to fave this observation!

## Activity



ksbioteacher suggested an ID

🌿 Improving 2y



Lindberg's Maple-Moss  
*Lindbergia brachyptera*

🔗 Compare



shaunpogacnik95 suggested an ID

9mo



Lindberg's Maple-Moss  
*Lindbergia brachyptera*



Comment

Suggest an Identification

**B** *I*

Preview

Leave a comment

## Community Taxon

[What's this?](#)

Lindberg's Maple-Moss (*Lindbergia brachyptera*)



Cumulative IDs: 2 of 2



✓ Agree

🔗 Compare

📄 About

## Annotations

Attribute	Value	Agree	Disagree
-----------	-------	-------	----------

Sex	Select		
-----	--------	--	--

## Projects (1)

Add to a Project



Kansas Botany



# JOCO Parks Online Moss Trails?

## Ontario Rhodobryum Moss (*Rhodobryum ontariense*) Research Grade Edit ▾



 **ksbioteacher**  
🌱 108 observations

Observed:  
Aug 2, 2020 · 4:14 PM CDT

Submitted:  
Aug 20, 2023 · 7:20 PM CDT



Overland Park, KS, USA

☆ Be the first to fave this observation!

### Activity



ksbioteacher suggested an ID

🌱 Improving 🛡️ 5mo ▾



**Ontario Rhodobryum Moss**  
*Rhodobryum ontariense*

🔍 Compare



mijpapay suggested an ID

4mo ▾



**Ontario Rhodobryum Moss**  
*Rhodobryum ontariense*

### Community Taxon

What's this?

**Ontario Rhodobryum Moss** (*Rhodobryum ontariense*)

Cumulative IDs: 2 of 2



✓ Agree

🔍 Compare

📘 About

### Annotations

# JOCO Parks Online Moss Trails?

Kansas Native Plant Society's Field Trip at Hillsdale Lake

Columbia Audubon Cell Phone Moss Trail

Discussion?



DONATE

JOIN/RENEW

# Self-guided moss walk: Wild Haven Nature Area

Date/time of your choice

View By Category ▶

## Wild Haven Nature Area



Have you taken the time to examine mosses close up? And to think about the relationships between mosses and birds? We're excited to announce a new, self-guided moss walk at Wild Haven Nature Area that encourages you to do just that!

The trail guide is formatted to be easily read on a mobile device (with the goal of saving paper; *please* don't print it).



**Navigation directions:** Continue to the far edge of the pond; you should see another white trail maker with an arrow. The first featured moss species is the one you're probably standing on.



**Moss 1:** Kneel, and look closely at a leaf. Does the branching pattern remind you of something? The resemblance to ferns is the source of this moss's common name: delicate fern moss (*Thuidium delicatulum*). But the resemblance is superficial. True ferns are vascular plants, as are trees, shrubs, wildflowers, and grasses: all of these have tissues that can transport water and nutrients from their roots to their leaves. In contrast, this “fern” moss, like other mosses, is nonvascular. Mosses must receive their nutrients directly from water and air. This results in an enforced smallness, but as you'll see today, small doesn't mean boring.



**Navigation directions:** Follow the white trail markers down the hill to the creek crossing. Stop before you cross the creek. Notice the large stand of moss covering the hill to your right. This is the first of three species we'll look at near the creek crossing. Take a look!

*Safety notes:*

- This stream only rarely floods, but crossing during high water is dangerous. The secondary parking site (see trail map) provides access to the western portion of trail when the stream is too high to cross.
- Beware of uneven and slippery footing when navigating the creek bed.




# On your own—some suggestions

1. Make a list of what has been found in your area.
2. Target a few “common” species until you are comfortable.
3. Take lots of close up photos (through your lens) and distance photos (auto-database)
4. Consider iNat for a first round of suggestions—your candidate mosses. (assuming you are starting from scratch)
5. Scout the internet for images of the candidate mosses.
6. Add the observation to iNat and perhaps you’ll get a confirmation/perhaps it will be incorrect.
7. Cherish each moss that you confidently identify and equally cherish the lessons you learn from the ones you don’t.

+ Add ✕ Remove ✂ Combine  Duplicate  Select All

## Editing 1 observation:

### Details

 Species name



 2022/01/14 11:23 AM



 Woodson County, KS, USA



Notes



Location is public 

Captive / Cultivated


 Tags 


 Projects 







 Fields 

 Offset Time 



 Species name

 We're not confident enough to make a recommendation, but here are our top suggestions:

	<b>Redshank</b> <i>Ceratodon purpureus</i> Visually Similar / Expected Nearby	<a href="#">View</a>
	<b>Common Pincushion</b> <i>Dicranoweisia cirrata</i> Visually Similar / Expected Nearby	<a href="#">View</a>
	<b>Green-tufted Stubble Moss</b> <i>Weissia controversa</i> Visually Similar / Expected Nearby	<a href="#">View</a>
	<b>Wall Screw-Moss</b> <i>Tortula muralis</i> Visually Similar / Expected Nearby	<a href="#">View</a>
	<b>Didymodon</b> Genus Visually Similar / Expected Nearby	<a href="#">View</a>
	<b>Capillary Thread-Moss</b> <i>Ptychostomum capillare</i> Visually Similar / Expected Nearby	<a href="#">View</a>

Include suggestions not expected nearby

+ Add ✕ Remove ↗ Combine Duplicate  Select All

Editing 1 observation:

**Details**

Species name

2023/12/29 12:55 PM

Location

Notes

Location is public

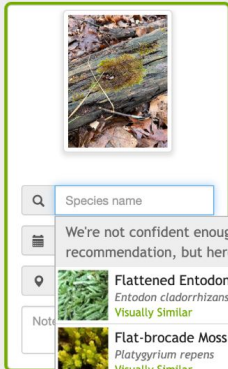
Captive / Cultivated

Tags

Projects









Fields

Offset Time



Species name

We're not confident enough to make a recommendation, but here are our top suggestions:

-  **Flattened Entodon Moss**  
*Entodon cladorrhizans* [View](#)  
Visually Similar
-  **Flat-brocade Moss**  
*Platygyrium repens* [View](#)  
Visually Similar
-  **Platyhypnidium Moss**  
*Rhynchostegium riparioides* [View](#)  
Visually Similar
-  **Seductive Entodon Moss**  
*Entodon seductrix* [View](#)  
Visually Similar
-  **Beautiful Branch Moss**  
*Callicladium haldanianum* [View](#)  
Visually Similar
-  **Streamside Leptodictyum Moss**  
*Leptodictyum riparium* [View](#)  
Visually Similar
-  **Smooth Hook Moss**  
*Leucodon julaceus* [View](#)  
Visually Similar
-  **Waterside Feather Moss**  
*Brachythecium rivulare* [View](#)  
Visually Similar

+ Add ▾

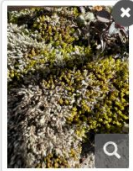
✕ Remove

↔ Combine

📄 Duplicate

Select All

Select Observations to Edit...



Species name



We're not confident enough to make a recommendation, but here are our top suggestions:



**Ciliate Hoarmoss**

*Hedwigia ciliata*

Visually Similar / Expected Nearby

[View](#)



Notes



**Didymodon**

Genus

Visually Similar / Expected Nearby

[View](#)



**Grimmia Dry Rock Moss**

*Grimmia laevigata*

Visually Similar / Expected Nearby

[View](#)



**Calymperaceae**

Family

Visually Similar / Expected Nearby

[View](#)

Include suggestions not expected nearby

+ Add   ✕ Remove   ↗ Combine   📄 Duplicate    Select All

Editing 1 observation:

**Details**

Species name

2023/12/15 7:42 PM

Lawrence, KS, USA

Notes

Location is public

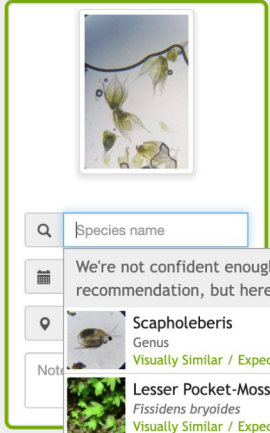
Captive / Cultivated

Tags

Projects



Fields

Offset Time



Species name

We're not confident enough to make a recommendation, but here are our top suggestions:

	<b>Scapholeberis</b> Genus <a href="#">Visually Similar / Expected Nearby</a>	<a href="#">View</a>
	<b>Lesser Pocket-Moss</b> <i>Fissidens bryoides</i> <a href="#">Visually Similar / Expected Nearby</a>	<a href="#">View</a>

[Include suggestions not expected nearby](#)

+ Add   ✕ Remove   ⚙ Combine   **📄 Duplicate**    Select All

## Editing 1 observation:

### Details

Notes

Location is public 

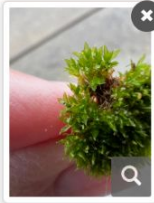
Captive / Cultivated

 Tags 

 Projects 

 Fields 

 Offset Time 





We're not confident enough to make a recommendation, but here are our top suggestions:


 **Hyophila**  
Genus [View](#)  
[Visually Similar](#)

 **Common Bladder Moss**  
*Physcomitrium pyriforme* [View](#)  
[Visually Similar](#)

 **Long-leaved Thread Moss**  
*Ptychostomum pseudotriquetrum* [View](#)  
[Visually Similar](#)

 **Spiral Extinguisher-Moss**  
*Encalypta streptocarpa* [View](#)  
[Visually Similar](#)

 **Common Extinguisher-Moss**  
*Encalypta vulgaris* [View](#)  
[Visually Similar](#)

 **Cuspidate Earth Moss**  
*Tortula acaulon* [View](#)  
[Visually Similar](#)

 **Bonfire Moss** [View](#)

+ Add ▾

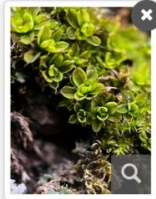
✕ Remove

↗ Combine

📄 Duplicate

Select All

Select Observations to Edit...



🔍 Species name



We're pretty sure this is in the genus:



**Syntrichia**

Genus

[View](#)

Note

Here are our top suggestions:



**Small Hairy Screw-Moss**

*Syntrichia laevipila*

[Visually Similar](#)

[View](#)



**Syntrichia pagorum**

Species

[Visually Similar](#)

[View](#)



**Water Screw-Moss**

*Syntrichia latifolia*

[Visually Similar](#)

[View](#)



**Marbled Screw-Moss**

*Syntrichia papillosa*

[Visually Similar](#)

[View](#)



**Intermediate Screw-Moss**

*Syntrichia montana*

[Visually Similar](#)

[View](#)



**Bird's-Claw Beard-Moss**

[View](#)



+ Add ▾

✕ Remove

↗ Combine

🔄 Duplicate

☐ Select All

Select Observations to Edit...











🔍 Species name



We're not confident enough to make a recommendation, but here are our top suggestions:

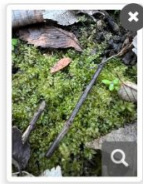


Note

-  **Twisted Moss**  
Complex *Tortella tortuosa* [View](#)  
[Visually Similar](#)
-  **Mountain Pincushion**  
*Hymenoloma crispulum* [View](#)  
[Visually Similar](#)
-  **Montane Dicranum Moss**  
*Dicranum montanum* [View](#)  
[Visually Similar](#)
-  **Frizzled Pincushion**  
*Plenogemma phyllantha* [View](#)  
[Visually Similar](#)
-  **Common Pincushion**  
*Dicranoweisia cirrata* [View](#)  
[Visually Similar](#)
-  **Green-tufted Stubble Moss**  
*Weissia controversa* [View](#)  
[Visually Similar](#)
-  **Capillary Thread-Moss**  
*Ptychostomum capillare* [View](#)  
[Visually Similar](#)
-  **Timmiella**  
Genus [View](#)  
[Visually Similar](#)

+ Add ▾ ✕ Remove ↗ Combine 🔄 Duplicate  Select All

Select Observations to Edit...



🔍 Species name



We're pretty sure this is in the genus:



**Thyme and Allied Mosses**

*Genus Plagiommium*

[View](#)



Notes

Here are our top suggestions:



**Woodsy Thyme-Moss**

*Plagiommium cuspidatum*

[Visually Similar](#)

[View](#)



**Wavy-leaf Moss**

*Plagiommium ciliare*

[Visually Similar](#)

[View](#)



**Long-beaked Thyme-Moss**

*Plagiommium rostratum*

[Visually Similar](#)

[View](#)



**Many-fruited Thyme-Moss**

*Plagiommium affine*

[Visually Similar](#)

[View](#)



**Badge Moss**

*Plagiommium insigne*

[Visually Similar](#)

[View](#)



**Toothed Plagiothecium Moss**

*Plagiothecium denticulatum*

[Visually Similar](#)

[View](#)



**Palm-tree Moss**

*Plagiommium undulatum*

[Visually Similar](#)

[View](#)

Editing 1 observation:

Details

Species name

2023/12/16 4:27 PM

Location

Notes

Location is public

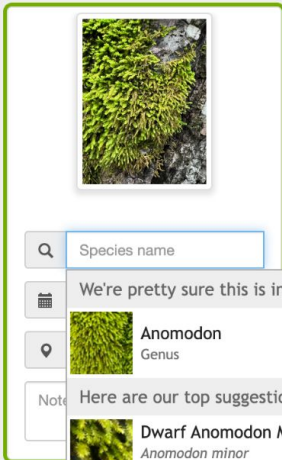
Captive / Cultivated

Tags

Projects

Fields

Offset Time



Species name

We're pretty sure this is in the genus:

Anomodon Genus View

Here are our top suggestions:

Dwarf Anomodon Moss Anomodon minor Visually Similar View

Tree-skirt Moss Pseudanomodon attenuatus Visually Similar View

Rambling Tail-Moss Anomodon viticulosus Visually Similar View

Fan Moss Forstroemia trichomitria Visually Similar View

Yellow Yarn Moss Claopodium rostratum Visually Similar View

Common Thelia Thelia hirtella Visually Similar View

+ Add ▾

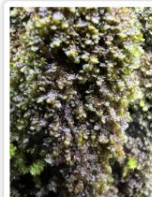
✕ Remove

↗ Combine

📄 Duplicate

Select All

Select Observations to Edit...



🔍 Species name



We're pretty sure this is in the genus:



**Scapania**  
Genus

[View](#)



Here are our top suggestions:



**Grove Earwort**  
*Scapania nemorea*  
[Visually Similar](#)

[View](#)



**Water Earwort**  
*Scapania undulata*  
[Visually Similar](#)

[View](#)



**Dilated Scalewort**  
*Frullania dilatata*  
[Visually Similar](#)

[View](#)



**Mueller's Pouchwort**  
*Calyptogeia muelleriana*  
[Visually Similar](#)

[View](#)



**Asa Gray's Scalewort**  
*Frullania asagrayana*  
[Visually Similar](#)

[View](#)



**Common Pouchwort**

+ Add ▾

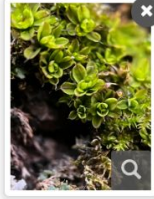
✕ Remove

✂ Combine

📄 Duplicate

Select All

Select Observations to Edit...



Note

We're pretty sure this is in the genus:



**Syntrichia**

Genus

[View](#)

Here are our top suggestions:



**Small Hairy Screw-Moss**

*Syntrichia laevipila*

[Visually Similar](#)

[View](#)



**Syntrichia pagorum**

Species

[Visually Similar](#)

[View](#)



**Water Screw-Moss**

*Syntrichia latifolia*

[Visually Similar](#)

[View](#)



**Marbled Screw-Moss**

*Syntrichia papillosa*

[Visually Similar](#)

[View](#)



**Intermediate Screw-Moss**

*Syntrichia montana*

[Visually Similar](#)

[View](#)



**Bird's-Claw Beard-Moss**

[View](#)

+ Add ▾ ✕ Remove ✂ Combine 📄 Duplicate  Select All

## Editing 1 observation:

### ✎ Details ▾

🔍 Species name

📅 2024/01/07 5:16 PM

📍 Location

Notes

Location is public ▾

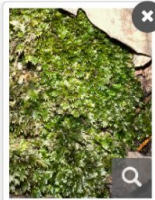
Captive / Cultivated

🏷 Tags ▾

📁 Projects ▾

📄 Fields ▾

🕒 Offset Time ▾





🔍 Species name

📅 We're pretty sure this is in the genus:


 **Pocket Mosses** [View](#)  
Genus *Fissidens*

📅 Here are our top suggestions:

 **Rock Pocket-Moss** [View](#)  
*Fissidens dubius*  
Visually Similar

 **Common Pocket-Moss** [View](#)  
*Fissidens taxifolius*  
Visually Similar

 **Lesser Pocket-Moss** [View](#)  
*Fissidens bryoides*  
Visually Similar

 **Maidenhair Pocket Moss** [View](#)  
*Fissidens adianthoides*  
Visually Similar

 **Tunbridge Filmy Fern** [View](#)  
*Hymenophyllum tunbriense*







# Resources (I am creating a moss resource page on my web site—stay tuned.

Tools: Lens, forceps, microscopes, etc.

Water spray bottles

Books

Free Online resources

iNaturalist

Northern Forest Atlas

Ohio and Illinois moss pages

Plants of the Gila Wilderness

Online eflora

Northern Forest Atlas

iNat

Ohio

Illinois

Princeton Guide

Bryophyte portal

Ecology of Bryophytes

British bryophyte help

Online glossary(s)

iNat micromoss project