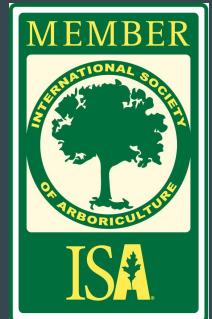


# Intro to Utah Plant Identification

•••

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BSc. Botany from Utah Valley University

Research Interests:

- Intersection of Plants, Water and Cultural Resources
- Paleoecology
- Field Botany Pedagogy

Specialize in Great Basin & Colorado Plateau ecosystems



# Lecture Tasks

How to Identify a Plant

Common Mistakes

Naming of Plants

Lecture Practice

Plant ID Resources

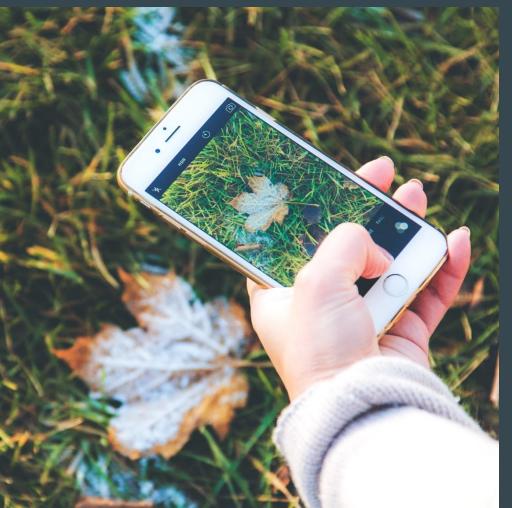






# Woody Plants of Utah

A Field Guide with Identification Keys to Native and Naturalized Trees, Shrubs, Vines, and Cacti







Yellow petals  
Green stalk  
Wavy, irregular leaves  
Basal leaves  
Milky hollow stem  
Hairy  
Produces seeds

## Characteristics

Habit

Reproductive

Vegetative

# Habit

The general appearance of a plant, including size, shape, growth form and orientation.



# Reproductive Parts







# Vegetative Parts



**Alternate**



**Opposite**









# Common Mistakes

Self-Identification

*Branching*

*Describing leaf shapes*

*Describing color*

*Overconfidence*

*Lack of patience*

Professional Identification

*No scale*

*Blurry photos*

*Too far away*

*Plant is dead*

*Partial plant matter*

# Tips

Photos

Take a sample

Be patient

Look at your surroundings



# Common vs Scientific Names

- Humans like to categorize
- Common name: Goathead thorn, puncture vine, bindii, devils thorn, tackweed, cat's head
- Scientific Name: *Tribulus terrestris*

# Lecture Practice



























# Resources

PLANT IDENTIFICATION  
TERMINOLOGY  
An Illustrated Glossary



James G. Harris  
Melinda Woolf Harris

Second Edition

# Woody Plants of Utah

*A Field Guide with Identification Keys to Native and  
Naturalized Trees, Shrubs, Vines, and Cacti*



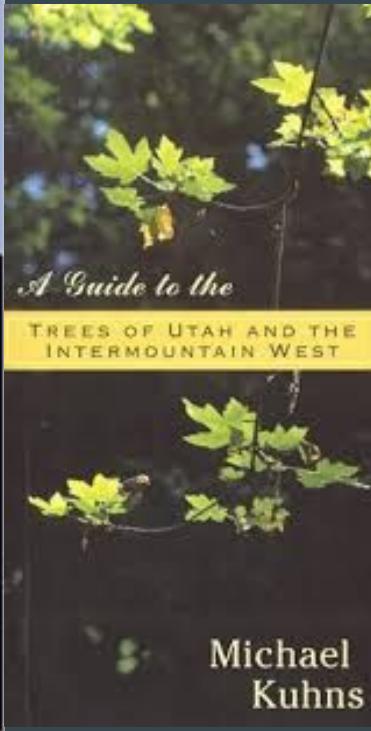
Renee Van Buren, Janet G. Cooper,  
Leila M. Shultz, and Kimball T. Harper

Photographs by R. Van Buren et al.; Plant Drawings by J. G. Cooper

# WINTER BOTANY

An identification guide to  
native trees and shrubs

WILLIAM TRELEASE



*A Guide to the*  
TREES OF UTAH AND THE  
INTERMOUNTAIN WEST

Michael  
Kuhns



## Plant Identification

Last active 7 minutes ago



## Lichens, Mosses, Ferns and Fungi

Last active 7 minutes ago



## Utah Gardeners

Last active 20 minutes ago



## The Mushroom Identification Forum

Last active 22 minutes ago



## Utah Plant Identification

Last active a day ago



## Plant Identification and Education

Last active 3 minutes ago



## Utah's Gardening Experts

• 1 post for you

# iNaturalist



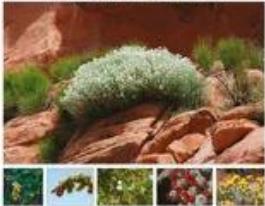
iNaturalist Education

Everyone

This app is compatible with your device.

## Woody Plants of Utah

A Field Guide with Identification Keys to Native and Naturalized Trees, Shrubs, Cacti, and Vines



Rivka Van Buren, Janet G. Cooper,  
Linda M. Shantz, and Kendall T. Harper

## Woody Plants of Utah

Utah State University

Designed for iPad

5.0 • 1 Rating

Free



## Utah Wildflowers

Wildflower Search Education

Everyone

This app is compatible with your device.



blackforager

Message



135 posts

110k followers

411 following

Alexis Nikole

- foraging and enviro sci enthusiast

- Columbus, OH

- vegan food concocter

- Teaching/always learning about wild food!

she/her/hers



kaydubsthehikingscientist

Message



1,379 posts

22.4k followers

975 following

Kaydubs PhD

Appalachian Forest Entomologist and Plant Pathologist Personal Account

You will learn something new from my stories everyday #science #nature

[linktr.ee/Kaydubsthehikingscientist](http://linktr.ee/Kaydubsthehikingscientist)



the\_buckeye\_botanist

Message



1,573 posts

24.5k followers

581 following

Andrew Lane Gibson

Field Botanist & Ecologist. Specialist in sedges, orchids, ferns-lycophytes, rare species-habitats. All photos mine. He/Him. Buy my orchid poster!

[www.etsy.com/listing/522875248/native-orchids-of-ohio-poster](http://www.etsy.com/listing/522875248/native-orchids-of-ohio-poster)





## Abbott Botanical Assessments

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