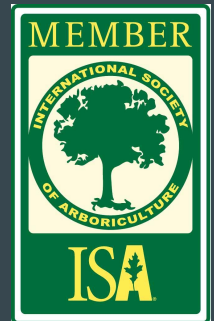


# Intro to Utah Plant Identification



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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*



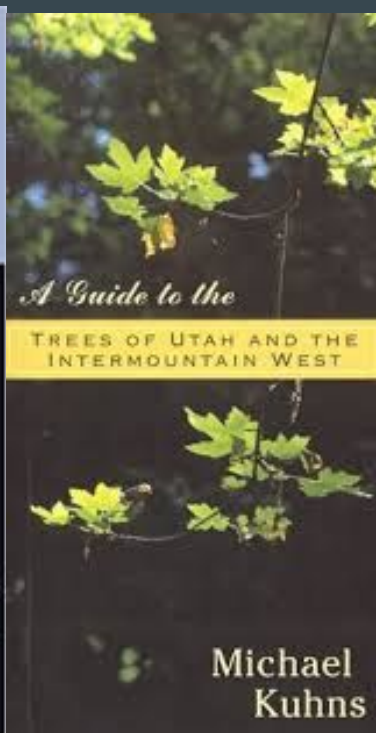
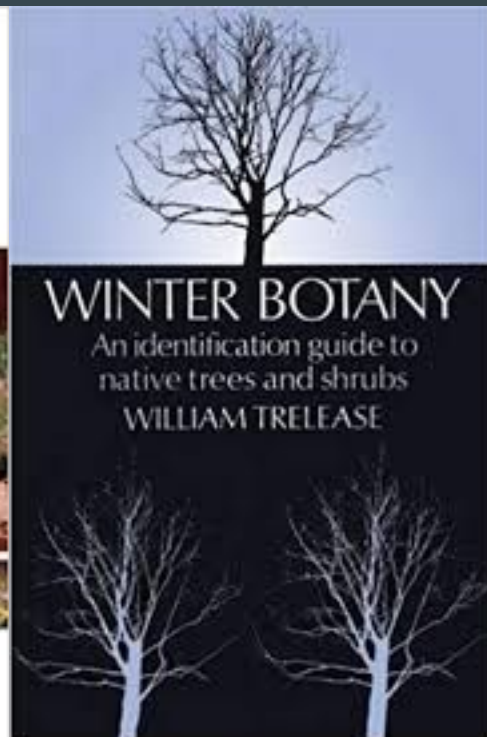
Rensie Van Buren, Janet G. Cooper,  
Leila M. Shultz, and Kimball E. Harper

Photographs by R. Van Buren et al., Plant Illustrations 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

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# Utah Wildflowers

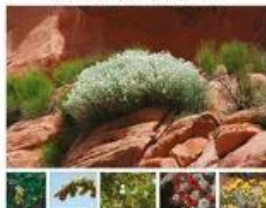
Wildflower Search Education

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## Woody Plants of Utah

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



Kimberly Van Buren, Janet G. Coopers,  
Linda M. Shultz, and Kimball T. Harper

## Woody Plants of Utah 4+

Utah State University

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★★★★★ 5.0 • 1 Rating

Free





blackforager

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🥗 - vegan food concocter

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