

April 7, 2016



Pinnate and Palmate

"Pinnate" refers to something which looks like a feather, in that the parts are arranged on opposite sides of an elongated axis. This includes veins which may be arranged on opposite sides of a strong central vein in a leaf. Or it may be the leaflets arranged along a central leaf stem within a compound leaf.

"Palmate" refers to something which is divided from a common point. Again, this could be the veins within a leaf or it could be the leaflets within a compound leaf.



The leaves of Hoary mountain mint (*Pycnanthemum incanum*) have pinnate veins.



Downy yellow violet (*Viola pubescens*) leaves clearly have palmate veins.

Compound leaves have leaflets which may be arranged in a pinnate or a palmate fashion. False goat's beard (*Astilbe biternata*) has compound leaves arranged pinnately. This photo highlights one compound leaf. You can see how the leaflets are arranged along both sides of the leaf stem.



The compound leaves of Ginseng (*Panax quinquefolius*) have a palmate arrangement. Here's a photo of a Ginseng plant with two leaves. The five leaflets are arranged palmately. They all arise from the same point at the end of the leaf stem.



Check out the Virginia creeper (*Parthenocissus quinquefolia*) leaf. It is palmately compound and each leaflet has pinnate venation.



Mystery Plant Confirmed



Evan correctly identified [Mystery Plant 087](#) as Appalachian oak leach (*Aureolaria laevigata*). This was a tricky plant to identify. I've always found it growing near oak trees and blooming in late summer.

Mystery Plant

What is the name of this plant? ([There are more images on the website.](#))







When you can identify this plant, provide your response at [IdentifyThatPlant.com](https://www.identifythatplant.com) as a comment for the blog entry called [Mystery Plant 088](#). Please identify the plant by both its common name and its scientific name. The answer will be confirmed in the next newsletter.

Confidently master the skill of correct plant identification

This message was sent to angelyn@identifythatplant.com from:

Angelyn | angelyn@identifythatplant.com | Angelyn Whitmeyer | c/o Angelyn Whitmeyer PO Box 574 |
Leicester, NC 28748

Email Marketing by

iContact[®]
TRY IT FOR FREE ►

[Manage Your Subscription](#)