

Lacecaps, Mopheads and Sterile Florets; A Closer Look at Hydrangeas



I'm Adam



I'M A PLANT NUT



I like to grow things.....



BROKEN

ARROW



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The Plan of Attack!

1) Introduction to Hydrangeas

2) Use in the Garden

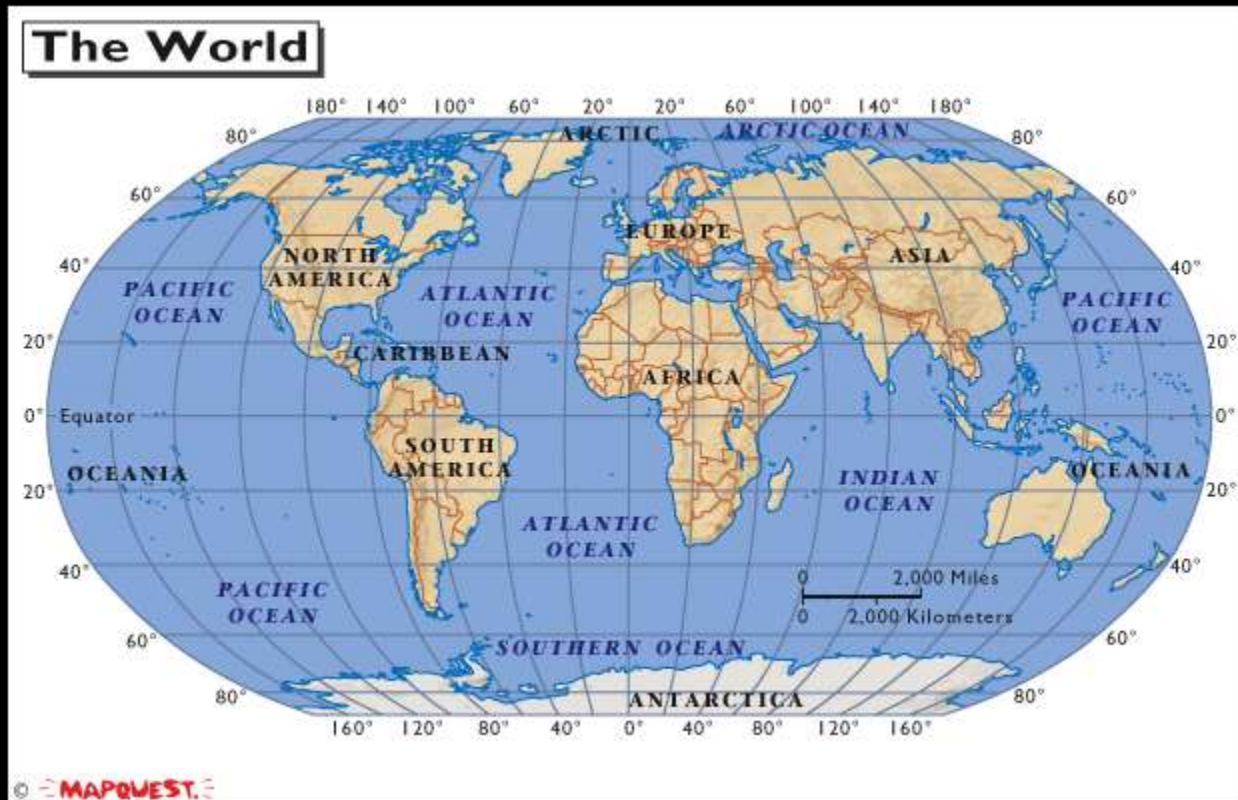
3) My Favorites!

“If ever a group of plants, when in full plumage, overshadowed their subordinates, the hydrangeas do, eloquently and forcefully”

- Dr. Michael Dirr

The Genus Hydrangea

- 18-33 species that span the globe



Variable Habit





Variable Flower Display









Variable Color





Variable Foliage



All Should Find A Place for a Hydrangea in the Garden



At Their Best in Summer





Foundation Plantings







En masse





Border





General Cultural Requirements

- Sun to Part Shade
- Rich, evenly moist, well-drained soils
- Acid to Neutral soils
- Moderate to high nutrient levels
- Avoid frost pockets

To Prune or Not to Prune?



Reasons to Prune

- 1) Winter damage
- 2) Aesthetics
 - Deadheading
 - Too Large
 - Irregular branching
- 3) Improved vigor/larger flowers

Pruning Tips

[Click for more info](#)

Prune off old flower to just above the first pair of new buds



If frost damaged, prune to the first pair of healthy buds

Prune out old, non-producing stems to the plant base

C L O S E

What's Wrong.... My Hydrangea Won't Flower!



Does My Hydrangea Flower on Old Growth or New Growth?



General Guidelines for When to Prune

Flower on Old Growth

- Prune during early growing season (April – July)

Flower on New Growth

- Prune during early growing season or when dormant (Dec. – March)

On To The Plants!



Hydrangea arborescens
Smooth Hydrangea



- Zone 3
- Eastern US Native
- 3-5' Tall, 4-8' Wide
- Terminal Flowers on New and Old Growth
- June – End of Summer



Hydrangea arborescens in Georgia



About 5,000 feet on Blue Ridge Parkway



Woodland in North Carolina

Species type flowers



'Annabelle'









'Samantha'





'Hayes Starburst'







'Green Dragon'





'Haas Halo' PP 21302





'Pink Pincushion'





'NCHA3' Invincibelle® Ruby PPAF







Hydrangea paniculata
Panicle Hydrangea



- Japan and China Native
- Zone 3
- Large Shrub, Small Tree 10-25'
- Vigorous, Often Fountain-like
- White Flowers, July to end of Summer
- Flowers on New and Old Growth









'Dharuma'







'Limelight' PP 12874







'SMHPFL' Firelight® PP 25135





'Yuki Gessho' (Yukigeshou')







Hydrangea macrophylla
Bigleaf Hydrangea



- Native to Japan
- Zone 6 (5)
- Rounded shrubs 3-6' high and wide
- Pink, white or blue flowers
- Generally on old growth
- 300+ Cultivars!

Color Me Pink – Color Me Blue



'Bailmer' Endless Summer® PP 15298





'Dancing Snow' ('Wedding Gown')





'Ayesha'







'New Wave'





'Hatsushimo'





'Lady in Red' PP 15175













'H20-02' Miss Saori™ PP 26657







'Horwack' PPAF







Hydrangea serrata



- Similar to *H. macrophylla*
- Slightly more cold hardy (Zone 5)
- Native to Japan and Korea
- Flower on older stems

'Bluebird'





'Kiyosumi'









'Miyami Yae Murasaki' ('Purple Tears')







'Oamacha Variegata'







Hydrangea quercifolia
Oakleaf Hydrangea



- Zone 5
- Southeast US native
- Large shrubs, 4-8' Tall, 6-12' Wide
- Oak-like leaves
- White flowers, peak display in July
- Flowers on old growth











'Snowqueen'







'Snowflake'





'Ruby Slippers'







'Little Honey' PP 15477







Hydrangea angustipetala



- Zone 6
- Japan, China, Taiwan
- Variable, deciduous or evergreen
- rounded habit, 5-6'
- Lacecap flowers, late spring to early summer

'Mon Long Shou'





Hydrangea aspera
Rough Leaf Hydrangea



- Zone 6 (5)
- Himalayas, China, Taiwan and beyond
- Upright to Mounding habit, 10-15'
- Lacecap flowers, peak display in July
- Flowers on both new and old stems
- Tolerant of high pH soils

Hydrangea aspera var. *macrophylla*



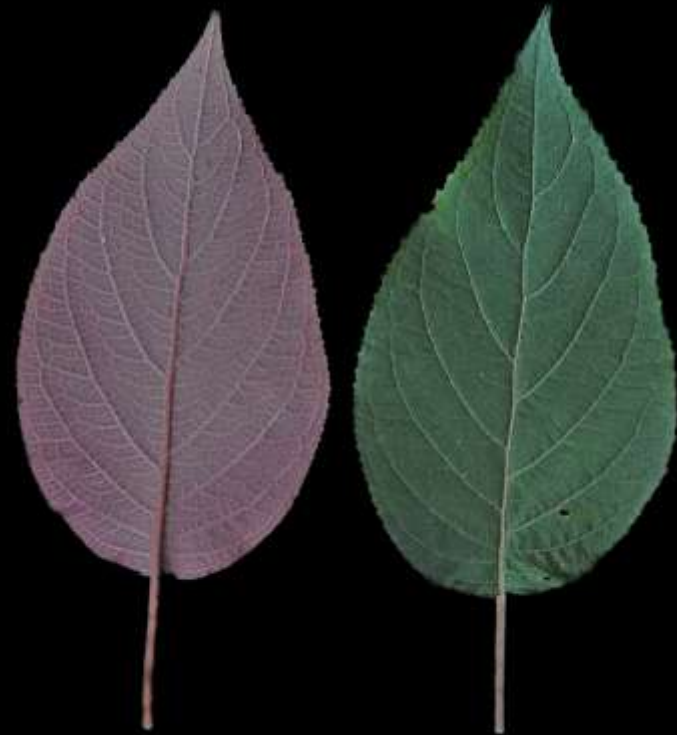








Hydrangea aspera var. *villosa* 'Koki'







Hydrangea anomola
Climbing Hydrangea



- Zone 5
- Vine
- Himalayas, China and Taiwan
- White, Lacecap flowers in June-July















'Mirranda'





'Kuga Variegated'





Questions?





OTHER TALKS



- Fire Engine Red, Russet and Bronze; Great Plants for Fall Color Display
- Fun with color: Variegated Plants in the Garden
- Plant Geeks are Us; Oddball Plants for Oddball People
- Weeping, Creeping and Sprawling; Pendulous plants in the garden.



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